

**SECTOR PROGRAMME FICHE**

**PHARE 2006**

**for**

**ENVIRONMENT**

**PHARE 2006/018-147.03.03**

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## **4 1. Basic Information**

The sector programme will be funded from EU resources of the budgetary years 2004 to 2006. Allocations to tasks and projects described in this programme fiche amendment for 2006 will be subject of the 2006 Financing Agreement. Contracting deadlines for projects under this programme and deadline for execution of contracts will be determined in the FA as well.

### **1.1. 1.1 CRIS Number:**

PHARE 2006/018-147.03.03

### **1.2. 1.2 Title:**

Implementation and Enforcement of the Environmental Acquis Communautaire

### **1.3. 1.3 Sector:**

Environment

### **1.4. 1.4 Location:**

Romania

### **1.5. 1.5 Duration:**

29 months

## 5 2. Objectives

### 1.6. 2.1 Overall Objective(s):

The Phare programme for the environmental sector aims to strengthening institutional capacity to implement and enforce the requirements of the EU Environmental Acquis.

### 1.7. 2.2 Programme purpose:

To strengthening the administrative, monitoring and enforcement capacities and capabilities of the environmental authorities from central, regional and local level to implement the EU environmental Acquis in order to become compliant with its requirements in the following priority areas: air quality and climate changes, IPPC and risk management, water management, industrial and domestic waste management, soil/subsoil and ecological reconstruction of historically polluted sites, biodiversity and nature protection, chemicals and genetically modified organisms (GMOs), environmental noise and nuclear safety and radiation protection.

### 1.8. 2.3 Accession Partnership (AP) and NPAA priority

The priorities addressed by the **Accession Partnership (AP)** and **The National Plan for Adoption of the Acquis (NPAA)** for the environmental sector is as follow:

- Ensure progress with the implementation of the transposed Acquis, including through securing the necessary financial resources;
- Improve administrative capacity to implement the Acquis, through reinforcement of staffing both in the Ministry and in other relevant bodies. Particular attention needs to be paid to enforcing capacity of Environmental Protection Agencies at local and regional level as well as co-ordination between ministries;
- Ensure that sufficient resources are available at the local level to improve the status of existing staff, to recruit new inspectors, and to train them adequately.

The critical priorities identified in the reference programming documents (Accession Partnerships, National Programme for the Adoption of the Acquis and Regular Reports) also steered by the problems emerging from the Directives' implementation plans, remain the **two priorities** generally identified as main goals of the PHARE programme: **Institution Building** and **Acquis-related Investment**.

#### ***Institutional Building***

The first of these critical priorities is formulated in the list below as “strengthening institutional capacity” and means adapting and strengthening democratic institutions, public administration and organizations that have a responsibility in implementing and enforcing environmental Community legislation, in order to ensure their effective and efficient implementation. It includes the development of relevant structures, human resources and management skills, as well as assessment and re-designing management systems, supported

by intensive training, and equipping a wide range of civil servants, public officials, professionals and relevant private sector actors.

### ***Acquis-related Investment***

The second priority covers the co-financing of investment in the country's regulatory framework, such as: air quality and noise monitoring equipment, medical and mining waste analysis equipment for laboratories and control, equipment for Natura 2000 network and IT equipment for the National Environmental Training Centre.

## **1.9. 2.4 Contribution to National Development Plan**

In the Phare programming phase, the development directions indicated by The **National Development Plan 2007-2013** and **The Strategy for Environment** have been taken into account.

In order to attain overall and specific objectives of the period 2007-2013, measures and actions foreseen by the NDP have been grouped in **six national development priorities**:

- To increase economic competitiveness and economic growth based on knowledge;
- Development and modernization of transport infrastructure;
- Protection and improvement of the quality of environment;
- Development of human resources, promotion of employment and social inclusion and strengthening of the administrative capacity;
- Development of the rural economy and agriculture productivity growth;
- Diminishment of development disparities between country regions.

2007-2013 NDP priorities insure continuity with 2004-2007 NDP and combines elements of sectoral policy with regional development policy also taking into account The National Strategy for Sustainable Development for Romania 'Horizon 2025' and the European specific requirements regarding post-accession funds eligibility. The Romanian Government is fully committed to funding implementation of mentioned priorities from different financing sources: state budget, local budgets, European funds, funds from internal and external loans (IFIs). Contribution of private sector is also important to projects co-financing.

The NDP objective related protection and improvement of the quality of environment is closely linked with commitments assumed during negotiations on Chapter 22 – Environment as key sector for Romanian accession to EU.

*The specific objectives of the 2007-2013 NDP in the environmental field are:*

- **Improvement of life-standards insured by public service utilities in water and waste sectors**
- **Improvement of the quality of environment in line with relevant requirements of the EU Directives**
  - Improvement of **quality of water resources**;
  - Insurance of adequate quality for **drinking water**, according to European standards;
  - Improvement of **soil quality**;
  - **Rehabilitation of contaminated fields** highly polluted;
  - Protection of **air quality** especially of the 'hot spots' – **IPPC/LCP sides**;

- Improved management of the natural resources for a sustainable development of the society (**nature and biodiversity protection**);
- Protection investments/works against natural disasters, especially floods for most important areas/hydrographical basins.

To support both **programme priorities** identified - **Institution Building and Acquis-related Investment** – interventions/projects are focussed on main **environment sector priorities** as follows:

**Air pollution**: the zones and agglomerations where EU limits are being exceeded have been identified; main goals that still have to be achieved are as follows: the implementation of the action plans and programmes for air quality management and reduction of emissions; proper monitoring of air quality; information quality (QA/QC); endowing the Air Quality Monitoring Network in Cluj region with proper measurement equipment.

**Industrial pollution control and risk management**: this area needs special attention; regarding the check of compliance of installations compared to the regulations in the permits, improvement of environmental inspections, emission monitoring and regular reporting, application of BAT.

**Waste management**: steps for the transposition of legislation have been achieved, together with development of national and regional waste management plans, including a national network of waste disposal facilities; however, a strategy for rehabilitation of contaminated sites and strengthening institutional capacity and regulatory framework investment (specifically for monitoring equipment) for medical and mining waste is also a need.

**Nature protection and biodiversity**: the provisions of the Habitats Directives were taken into account in the transposition of EIA and SEA Directives and Natura 2000 sites have been designated; however, intensive awareness campaigns regarding Natura 2000 network are needed and equipment for implementing Natura 2000 network should be in place.

**Water management**: major investment programmes to improve drinking water quality and wastewater management have been finalized; however, it is needed to strengthen the institutional capacity to implement and enforce the Water Framework Directive (WFD) requirements by improving the capacity of legal authorities to comply with requirements on water pollutants mitigation, Directive's on water quality intended for human consumption and gradual compliance with Directive concerning urban wastewater treatment.

It is also important to reiterate that, the comprehensive national development objectives laid down in the National Development Plan (NDP) are closely linked to the **Sector Operational Programme for Environment (SOP ENV- draft)** which takes into consideration the European Union's supporting principles and practices. It is designed to lay the foundation and be a catalyst for a more competitive economy, a better environment and more balanced regional development. The SOP continues and builds for the future, on national environment infrastructure development programmes, and takes into consideration the facilities and development projects of the pre-accession assistance programmes (Phare and ISPA).

The SOP is fully based on the goals and priorities of the European Union's environment and infrastructure policies and reflects Romania's international obligations as well as its specific national interests.

In order to achieve these objectives, the following priority axes were identified:

**Priority Axis 1** - Extension and modernization of water and wastewater infrastructure

**Priority Axis 2** – Development of integrated waste management systems and rehabilitation of old ecological burdens

**Priority Axis 3** – Improvement of municipal heating systems in selected priority areas

**Priority Axis 4** – Implementation of adequate management systems for nature protection

**Priority Axis 5** – Development of adequate infrastructure of natural risk prevention in most vulnerable areas

**Priority Axis 6** – Technical Assistance

**1.10.**

**1.11. 2.5 Cross Border Impact**

Not applicable.

## 6 3. Description

### 1.12. 3.1 Background and justification:

The political confirmation of the finalization of EU accession negotiations in the case of Romania and Bulgaria on the occasion of Brussels Summit from 16-17th of December 2004 represents the second 2004 great event after the biggest enlargement of EU history.

In parallel with the conclusion of the accession negotiations, Romania will enter a new stage in which the European process will have to consolidate the institutions and regulations taken over from the Acquis Communautaire during the negotiations and in which Romanian society will have to preserve and reaffirm the national identity and the cultural heritage.

According to the **Romanian Government Programme for the period 2005-2008**, the general objectives related to the European integration process are:

#### ***I. The achievement of the commitments undertaken towards the European Union so that 2007 would represent the year of political integration***

In order to achieve this objective, the Romanian Government is committed to accelerate the **implementation of the measures stipulated within the Acquis Communautaire** and will draft and implement the programs necessary for the post accession phase.

This objective implies the accentuation of the process of European integration by:

- Respecting the conditions resulted from the conclusion of technical negotiations;
- Acceleration of the implementation of European norms in the internal legislation at the same time with assuring the transparency related to public and private costs, further to the implementation of the regulations comprised within the Acquis Communautaire;
- Grounding the public policies on the principles and orientations formulated within EU documents;
- Increase of the institutional capacity of the public administration especially related to European procedures upon the pre- accession, Cohesion and Structural Funds;
- Redefining the attributions of public authorities for the purpose of adapting to the new forms of cooperation with the EU structures;
- Strengthening the cooperation with civil society for the purpose of reducing the cultural risks implied by the European integration process.

#### ***II. Institutional integration***

According to the Romanian Government's vision, a fundamental post – accession objective of our country is the participation in European construction. This objective refers to the increase of our country's capacity to participate at drafting and implementation of EU policies.

#### ***III. Achievement of convergence with the European economic structure***

The Romanian Government will act to reach the economic convergence with the European Union, taking into account **the development strategies (NDP for the period 2007-2013)** adopted by its decisional structures.

*In this context, the Government will take into account the achievement of the following strategic objectives:*

- Substantiation of the public policies according to the single market' functioning principles (criteria established at Maastricht, Copenhagen, Madrid) and the directions stipulated within the European policy documents: the New agriculture policy of the European Union, the European Union's strategy of durable development, Policies of regional development;
- Drafting and submission of a new Strategy on medium term development, document that would ground Romania's strategic orientations for at least a four years interval;
- Promotion of some sustainable policies related to human and natural capital;

- The efficient management of the position that Romania has as net beneficiary of the pre-accession funds;
- The reduction of the European integration's costs, not only by the efficient and transparent management of internal and foreign funds but also by correctly taking over the provisions from the Acquis Communautaire and by diminishing the bureaucracy and the corruption from the funds allocation systems;
- Active participation in drafting new documents for the EU strategic orientation;
- Increase of the institutional capacity of the public administration.

Romania's transition from the normative stage of integration – through reference to the regulations of the Acquis Communautaire, to the European stage – through consolidation of the social economic system, represents the highest challenge of the period 2005- 2008. This process represents in fact **the second modernization of Romania**.

### **The Romanian Government Programme 2005-2008 and subsequent policy upon the environmental protection states:**

'Having as main objectives, **strengthening the administrative structures**, as basic element to build a solid system of environment management and the contribution to a durable development, the activity of Romanian Government will rely on the following priorities:

- Inclusion of environment policy into the elaboration and implementation of sector and regional policies;
- Evaluation of the actual state of environment factors and founding a long term development strategy within the environment field, and within the field of regenerative and non regenerative resources;
- Strengthening the institutional capacity within the environment field;
- Improvement of environment factors quality within urban and rural areas;
- Expansion of the national network of protected areas and natural reservations, rehabilitation of the Romanian seaside infrastructure, ecological and economic resizing of the Danube Delta;
- Strengthening the transborder and international partnership with similar institutions from other countries in order to monitor the implementation stage of international agreements;
- Elaboration of strategies to protect citizens against natural disasters, ecological accidents and exposure in areas with ecological risk;
- Strengthening the partnership with NGOs within the process of elaboration and implementation of public policies within the field.

Within the 23rd Meeting of the Intergovernmental Conference for the Accession of Romania to the European Union (Brussels, 23rd September, 2004), the first part of the negotiations of chapter 22-Environment was approved to be closed, with the acceptance of all five requested transitional periods by Romania: dangerous substances discharged into aquatic environment, waste incineration, waste electric and electronic equipment, packaging and packaging waste, volatile organic compounds (VOCs) emissions resulting from the storage of petrol and its distribution from terminals to service stations.

11 October 2004 - **The Complementary Position Paper for Chapter 22-Environment, Part II** and the **Implementation Plans of Directives** for which Romania requested the transitional periods in the second stage were officially sent to the Intergovernmental Conference for the Accession of Romania to the European Union.

Within the 24th Meeting of the Intergovernmental Conference for the accession of Romania to the European Union (Brussels, 26th November 2004), the closure of the second part of the negotiations of Chapter 22 was approved, with the acceptance of other additional six transitional periods for the implementation of the environmental acquis on: landfill of waste, supervision and control of shipments of waste within, into and out of the European Community, quality of drinking water; urban wastewater treatment, limitation of emissions of certain pollutants into the air from LCP, integrated pollution prevention and control.

Taking into account the conclusions of the **2005 Comprehensive Monitoring Report on Romania towards accession** and the **commitments from negotiations of the Chapter 22-Environment**, present Phare Programme Fiche aims to strengthening the institutional capacity of the environmental authorities from central, regional and local level through the following intervention tools: **Twinning projects (9 TWs)**, **Technical Assistance projects (11 TAs)** and **Investment projects (6 INV)** on environment priority sectors as follows:

- **TWs** cover activities related environmental planning and policy, IPPC and risk management, domestic/industrial waste management, air quality, biodiversity and nature protection, chemicals, environmental noise and horizontal legislation. The twinning projects will support the Intermediate Bodies for SOP Environment (REPAs) in performing their responsibilities regarding the management of the projects financed by Structural and Cohesion Funds;
- **TAs** will cover activities related climate changes, water management, GMOs, waste management, nature protection and nuclear safety and radiation protection; the TA assisting NEG in implementing inspection and control procedures according to EU Directives will covers the IPPC, air quality, waste management and nature protection sectors.
- **INVs** in the following environmental sectors: air quality, noise and waste management and nature protection. There is also envisaged an IB associated investment to endowment the National Environmental Training Center with adequate equipment.

### **1.13. 3.2 Sector rationale**

The objectives for **The Romanian Environmental Strategy 2004 – 2010**, the basis of the Phare multi-annual programme for environment, are detailed further below:

#### **Finalize full transposition**

During recent years and mainly through the Phare Environment programmes for 1998 to 2002 most EU Directives have already been transposed into Romanian law. A number of Romanian Laws and Governmental Decisions need further revision and improvement. Consultations with Romanian stakeholders, the EU and other relevant organizations will be organized, in most cases as part of EU or bilateral projects aimed at supporting the Romanian accession process.

No real problems are foreseen in transposing the EU environmental Acquis. The main challenge will be to strengthen the capacity and capability of the MEWM and NEPA to effectively transpose and subsequently to implement the new environmental legislation.

#### **Strengthen national, regional and local governmental institutions**

A Strategy has been drawn up in order to increase the personnel numbers in the environment field, which proposes to increase the personnel involved in the activity of environment protection (both at central level and regional and local level) to 1,656 job positions by the end of 2006. This increase will be fully financed by the Romanian state budget. It is expected that this increase will be sufficient to effectively transpose, implement and enforce the environmental Acquis. However MEWM will pay close attention to possible capacity

problems in its central and regional organizations and will take the necessary measures to ensure a smooth transition process.

Next to the quantitative aspect of staff, the quality is of at least equal importance. Continuous training and capacity building will be required to make the government environmental staff fully aware of all aspects of EU environmental requirements. Capacity building has already been initiated and continues to be provided through earlier EU Phare and other multilateral and bilateral projects, but further and more intensive training activities are required for effective implementation. The capacity and capabilities of REPAs to manage the projects financed by Structural Instruments has to be increased and continuous training have to be delivered.

Aiming to efficiently coordinate activities developed by central and regional authorities (MEWM and REPAs) in the field of environment infrastructure programmes/projects to be financed under the EU post-accession (Structural and Cohesion Funds- SCFs) funds, have been created adequate structures to manage community aid after Romanian accession in 2007 (GD 497/2004 and GD 1895/2004, amended by the GD 136/2006).

**The Sectoral Operational Programme for Environment (ENV-SOP)** is closely linked to the comprehensive national objectives of the strategy laid down in the National Development Plan (NDP), which takes into consideration the European Union's supporting principles and practices.

*The specific objectives of the ENV-SOP are:*

1. ***Improve the access to water infrastructure***, by providing water supply and wastewater services in most urban areas by 2015;
2. ***Improvement of soil quality***, by improving waste management and reduction in the number of old ecological burdens in minimum 30 counties by 2015;
3. ***Reduction of negative environmental impact caused by old municipal thermal plants in most polluted localities*** by 2015;
4. ***Protection and improvement of biodiversity and natural assets*** by supporting NATURA 2000 implementation;
5. ***Reduction of the incidence of natural disasters for the population***, by implementing preventive measures in most vulnerable areas by 2015.

### **Develop and implement full environmental monitoring**

Especially in the fields of air quality and water management a number of projects have aimed at developing and implementing monitoring systems complying with EU requirements. In the other environmental sectors like IPPC, waste management, nature protection, GIS and water resources management, Romania received recently support from Phare programmes. In addition, the noise monitoring network and the future implementation bodies of Natura 2000 sites have to be equipped. In the waste management sector, the needed equipment for treatment and final disposal of medical waste and equipment for the monitoring network associated to waste facilities from extractive industry have to be procured and installed.

### **Realize integration of environmental issues in other sector policies**

Environmental policy should be an integral part of all national economy and territories' development strategies. In order to achieve sustainable and consistent development, environmental protection measures must become an intrinsic part of the whole process, so that they cannot be separated.

Some initial steps have been made towards integrating environmental policy by establishing the Inter-ministries Committee. A supporting aspect for the integration of environmental aspects into other sectors policies will be the transposition of the Strategic Environmental Assessment (SEA) Directive. This requires that the environmental consequences of certain plans and programmes be identified and assessed during their preparation and before their adoption. SEA will contribute to more transparent planning by involving the public and by integrating environmental considerations. This will help to achieve the goal of sustainable development.

#### **1.13.1. 3.2.1 Identification of projects**

The identification of the projects (Tasks) to be financed by Phare assistance has been made on a '**gap analysis**' base addressed to each environmental priority sector (Table No.1).

**Table No. 1 - Gap analysis/ filling**

Sector's Priority	Issues to be addressed for each priority				
	Legislation	Human resources	Procedural system	Equipment	Regulatory/ enforcement
<b>Air quality</b>	<ul style="list-style-type: none"> <li>- Finalize transposition process;</li> <li>- Designate the authorities and institutions responsible for compliance.</li> </ul>	<ul style="list-style-type: none"> <li>- Additional well trained staff required (80 at national level – 78 for NEPA and 2 for the ministry; 68 at regional level and 42 at local level);</li> <li>- Training of existing and new recruited staff.</li> </ul>	<ul style="list-style-type: none"> <li>- Finalization of the air quality assessment to set up the air quality zones and National Air Quality Network;</li> <li>- Operational and efficient air monitoring system in place.</li> </ul>	<ul style="list-style-type: none"> <li>- Complete monitoring equipping for agglomerations;</li> <li>- National Reference Laboratory equipped for Quality Assurance / Quality Control procedures.</li> </ul>	<ul style="list-style-type: none"> <li>- Set up air quality zones;</li> <li>- Methodology for preparing plans and programs for air quality.</li> </ul>
<b>Climate changes</b>	<ul style="list-style-type: none"> <li>- Reviewing of Ministerial Order for Monitoring Guidelines for CO2 emissions from installations covered by the EU ETS (Directive 2003/87/EC and Directive 2004/101/EC</li> </ul>	<ul style="list-style-type: none"> <li>- Training of existing staff in NEPA, 8 REPAs and NEG</li> </ul>	<ul style="list-style-type: none"> <li>- Better implementation of the EU ETS and linking Directives</li> <li>- Establishing a system for training of EU ETS operators</li> </ul>	<ul style="list-style-type: none"> <li>- No equipment necessary</li> </ul>	<ul style="list-style-type: none"> <li>-</li> </ul>

<b>Noise</b>	<ul style="list-style-type: none"> <li>- Subsequent legal acts will assure the adequate framework for implementation.</li> </ul>	<ul style="list-style-type: none"> <li>- Increased number of staff (3 persons within NEPA);</li> <li>- Training of staff.</li> </ul>	Management plans, guidelines, reporting system and procedures for results' evaluation of strategic noise mapping and for the action plans, the strategies and policies for noise reduction in "hot spots" in order to meet the UE limit values and for calculations the noise indicators.	Equipment: software and hardware for noise calculation, noise measurement equipment	<ul style="list-style-type: none"> <li>- National Noise Monitoring System, on computation methods.</li> </ul>
<b>Nature protection</b>	<p>Legal act to establish the National Agency for Natural Protected Areas and Biodiversity Conservation (NANPABC)</p> <p>Legal act to set up the Office for Natura 2000 sites within the NANPABC.</p>	<ul style="list-style-type: none"> <li>- Staff expansion (around 200 by the end of 2006);</li> <li>- Training of staff (100 per year).</li> </ul>	SACs (Special Areas for Conservation) and SPAs (Special Protected Areas) management plans, guidelines, reporting systems and procedures.	Necessary equipment (computers, software, satellite images) to implement Natura 2000 Network	<ul style="list-style-type: none"> <li>- Establishing the monitoring system of habitats and species conservation status;</li> <li>- Control system for functioning of the Natura 2000 Network in place.</li> </ul>

<b>Waste management</b>	Additional regulations/amendments in the fields to be addressed by the new acquis (e.g. framework directive on waste, mining waste management, biodegradable waste, shipment of waste, PVC management, batteries and accumulators).	Additional training of staff required (especially for newly employed personnel);	<ul style="list-style-type: none"> <li>- Developing reporting systems and the data and data basis management procedures;</li> <li>- Developing systems to allow operation of private /public-private schemes for particular types of waste;</li> </ul> <p>Developing monitoring procedures;</p> <ul style="list-style-type: none"> <li>- Design procedures to ensure full and effective communication, reporting and cooperation with other environmental/non-environmental authorities.</li> </ul>	IT equipment (hardware and software for database management and data reporting) at central, regional and local level.	A range of manuals, guidelines, procedures and plans to be developed to assist the environmental authorities in implementing the new legislation.
<b>Industrial pollution prevention and control (IPPC)</b>	Fully transposed	<ul style="list-style-type: none"> <li>- Massive staff expansion (166 at central level – ministry plus NEPA; 72 at regional level; 342 at local level).</li> <li>- Training of existing and new recruited staff.</li> </ul>	The Ministerial Order no. 818/2003 “for the approval of the issuing procedure of the integrated environmental permit”, modified and completed by the Ministerial Order no. 1158/ November 15 <sup>th</sup> , 2005 must be updated and completed	The equipment was ensured through CBC and National Phare and World Bank projects.	<ul style="list-style-type: none"> <li>- Reporting of the implementation status of the IPPC Directive provisions, according to the EU requirements (reporting formats, for pollution prevention, energy efficiency and waste minimization, etc);</li> <li>- An integrated national emission reduction plan.</li> </ul>

<b>Water management</b>	Updating the transposition process concerning the new water acquis	Enhancing of trained personnel in public administration and awareness of economic operators.	<ul style="list-style-type: none"> <li>- Monitoring of nitrates from agricultural sources;</li> <li>- Control of drinking water facilities.</li> <li>- Control of urban and industrial waste water discharges</li> </ul>	<ul style="list-style-type: none"> <li>- Automatic monitoring stations for in situ monitoring of water quality.</li> <li>- Laboratory equipment</li> </ul>	To consolidate the cooperation with the Ministry of Health and the Ministry of Administration and Interior
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The ‘gap’ between current situation and the state to be achieved to attain programme’s objective led to de definition of the following projects for EU funding (Table No.2):

**Table No.2 – Projects/Tasks constituting the Phare Environment programme fiche**

Project	Task No./ Title
<b>Strengthening the capacity of the Regional Environmental Protection Agencies (REPAs), Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) in implementing, monitoring and enforcement of the transposed environmental legislation - Phase II</b>	<u>Task 1.2</u> Implementation and enforcement of the environmental Acquis focussed on air quality – REPA Cluj (TW)
	<u>Task 1.4</u> Implementation and enforcement of the environmental Acquis focussed on nature protection – REPA Sibiu (TW)
	<u>Task 1.6</u> Implementation and enforcement of the environmental Acquis focused on soil/subsoil and ecological rehabilitation – REPA Timisoara (TW)
	<u>Task 1.8</u> Implementation and enforcement of the environmental Acquis focused on IPPC – REPA Craiova (TW)
	<u>Task 1.10</u> Implementation and enforcement of the environmental Acquis focussed on IPPC and risk management – REPA Pitesti (TW)
	<u>Task 1.12</u> Implementation and enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau (TW)
	<u>Task 1.14</u> Implementation and enforcement of the environmental Acquis focussed on industrial waste management – REPA Galati (TW)
	<u>Task 1.16</u> Implementation and enforcement of the environmental Acquis focussed on Noise – REPA Bucharest (TW)
	<u>Task 1.18</u>

	Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8 regional twinning projects – NEPA Bucharest (TW)
	<p><u>Task 1.19</u> Support to the National Environmental Guard (NEG) by strengthening its capacity on inspection and control (TA)</p> <p><u>Task 1.20</u> Technical Assistance to NEPA for setting-up and implementation of source related environmental radioactivity monitoring programmes (TA)</p> <p><u>Task 1.21</u> Equipment acquisition for the National Environmental Training Centre (INV)</p>
<b>Strengthening Institutional Capacity to implement horizontal and noise related legislation</b>	<p><u>Task 2.3</u> Equipment acquisition for noise monitoring system (INV)</p>
<b>Strengthening Institutional Capacity for the implementation and enforcement of IPPC and Air Quality legislation</b>	<p><u>Task 3.3</u> Equipment acquisition for the Regional Air Quality Monitoring Network (INV)</p> <p><u>Task 3.5</u> Support in the implementation of the EU requirements concerning the monitoring and reporting of carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions (TA)</p>
<b>Further implementation of waste management legislation</b>	<p><u>Task 4.7</u> Technical assistance for preparation of a strategy and action plan for the rehabilitation of historical polluted sites (TA)</p> <p><u>Task 4.8</u> Technical assistance for the improvement of the internal management of the hazardous waste generated by healthcare facilities, according to European standards (TA)</p> <p><u>Task 4.9</u> Procurement of equipment used for treatment and final disposal of hazardous healthcare waste, according to national legislation and European standards (INV)</p>

	<p><u>Task 4.10</u> Technical assistance for transposition and implementation of Directive on extractive's industry waste management (TA)</p> <p><u>Task 4.11</u> Procurement of equipment for the monitoring network of waste facilities from the extractive industry – pilot project (INV)</p>
<b>Support to implement the provisions of the Water Framework Directive</b>	<p><u>Task 5.5</u> Assistance for Completion of Pollution Phase-out Programmes for Toxic, Persistent, Bio-accumulable Substances from List I under Transition Period Granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Diclorethan, Hexachlor-benezol, Trichlor-benzol, Trichlorethylen, Hexachlor-butadiene (TA)</p> <p><u>Task 5.6</u> Assistance in preparing the implementation of the requirements of Directive on quality of water intended for human consumption (TA)</p> <p><u>Task 5.7</u> Assistance in preparing of gradual compliance with the requirements of Directive concerning urban waste water treatment (TA)</p>
<b>Implementation of Natura 2000 Network</b>	<p><u>Task 6.2</u> Investment support for implementation NATURA 2000 Network (INV)</p> <p><u>Task 6.3</u> Raising awareness about nature conservation and the value of Natura 2000 sites (TA)</p> <p><u>Task 6.4</u> Support for the implementation of EU requirements regarding the genetically modified organisms (GMOs) (TA)</p>

### 1.13.2. 3.2.2 Sequencing

Projects under present Phare programming exercise represents a chronological and logical sequencing approach, closely linked with interventions previously developed under 2004 and 2005 Phare assistance as it is described in Table No. 3.

**Table No. 3 - Dependence of 2006 Phare interventions/projects upon an earlier Phare programming exercises (2004 and 2005)**

PHARE 2004	PHARE 2005	PHARE 2006
<b>Project 1 - Strengthening the capacity of the Regional Environmental Protection Agencies (REPAs), Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) in implementing, monitoring and enforcement of the transposed environmental legislation</b>		
<p><i>Phase I</i></p> <p><u>Task 1.1</u> RO 2004/IB/EN/01 Implementation and enforcement of the environmental Acquis focussed on air quality – REPA Cluj (TW)</p> <p><u>Task 1.3</u> RO 2004/IB/EN/02 Implementation and enforcement of the environmental Acquis focussed on nature protection – REPA Sibiu (TW)</p> <p><u>Task 1.5</u> RO 2004/IB/EN/03 Implementation and enforcement of the environmental Acquis focussed on nature protection – REPA Timisoara (TW)</p> <p><u>Task 1.7</u> RO 2004/IB/EN/04 Implementation and Enforcement of the Environmental Acquis focussed on IPPC – REPA Craiova (TW)</p>		<p><i>Phase II</i></p> <p><u>Task 1.2</u> Implementation and enforcement of the environmental Acquis focussed on air quality and climate change – REPA Cluj (TW)</p> <p><u>Task 1.4</u> Implementation and enforcement of the environmental Acquis focussed on nature protection – REPA Sibiu (TW)</p> <p><u>Task 1.6</u> Implementation and enforcement of the environmental Acquis focused on soil &amp; subsoil and ecological reconstruction – REPA Timisoara (TW)</p> <p><u>Task 1.8</u> Implementation and enforcement of the environmental Acquis focussed on IPPC – REPA Craiova (TW)</p>

<p><u>Task 1.9</u> RO 2004/IB/EN/05 <i>Implementation and Enforcement of the Environmental Acquis Focussed on IPPC and Risk Management – REPA Pitesti (TW)</i></p> <p><u>Task 1.11</u> RO 2004/IB/EN/06 Implementation and enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau (TW)</p> <p><u>Task 1.13</u> RO 2004/IB/EN/07 Implementation and enforcement of the environmental Acquis focussed on industrial waste management – REPA Galati (TW)</p> <p><u>Task 1.15</u> RO 2004/IB/EN/08 Implementation and enforcement of the environmental Acquis focussed on VOCs and Noise – REPA Bucharest (TW)</p> <p><u>Task 1.17</u> RO 2004/IB/EN/09 Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8</p>		<p><u>Task 1.10</u> Implementation and enforcement of the environmental Acquis focussed on IPPC and risk management – REPA Pitesti (TW)</p> <p><u>Task 1.12</u> Implementation and enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau (TW)</p> <p><u>Task 1.14</u> Implementation and enforcement of the environmental Acquis focussed on industrial waste management – REPA Galati (TW)</p> <p><u>Task 1.16</u> <i>Implementation and enforcement of the environmental Acquis focussed on Noise – REPA Bucharest (TW)</i></p> <p><u>Task 1.18</u> <i>Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8 regional twinning projects – NEPA Bucharest (TW)</i></p>
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regional twinning projects – NEPA Bucharest (TW)		
		<p><u>Task 1.19</u> Support to the National Environmental Guard (NEG) by strengthening its capacity on inspection and control (TA)</p> <p><u>Task 1.20</u> <i>Technical assistance to NEPA for setting-up and implementation of source-related environmental radioactivity programmes (TA)</i></p> <p><u>Task 1.21</u> Equipment acquisition for the National Environmental Training Centre (INV)</p>
<b>Project 2 - Strengthening institutional capacity to implement horizontal and noise related legislation</b>		
<p><u>Task 2.1</u> <i>RO2004/016-772.03.03/02.01</i> Strengthening Institutional Capacity for SEA and Reporting Directives Implementation (TA)</p> <p><u>PPF project - ROBuzduga128 2050423</u> – ‘The implementation of an adequate noise monitoring system in urban regions according with UE requirements in this field’</p> <p><u>Task 2.2</u> RO 2004/016-772.03.03 / 02.02 Strengthening Institutional Capacity for Noise</p>		<p><u>Task 2.3</u> Equipment acquisition for noise monitoring system (INV)</p>

Directives Implementation		
<b>Project 3 – Strengthening institutional capacity for the implementation and enforcement of IPPC and air quality legislation</b>		
<u>Task 3.1</u> RO2004/016-772.03.03/ 03 .01 Technical assistance to support the integrated permitting process (TA)	<u>Task 3.4</u> Further support for IPPC and LCP Directives Implementation (TA)	<u>Task 3.3</u> Equipment acquisition for the Regional Air Quality Monitoring Network (INV)  <u>Task 3.5</u> Support in the implementation of the EU requirements concerning the monitoring and reporting of carbon dioxide (CO <sub>2</sub> ) and other greenhouse gas emissions
<u>Task 3.2</u> RO2004/016-772.03.03/03 .02 Equipments acquisition for emission control at IPPC activities, to the regional level - needed investments (INV)		
<b>Project 4 - Further implementation of waste management legislation</b>		
<u>Task 4.1</u> RO2004/016-772.03.03/04 .01  <i>Technical Assistance for elaborating the Regional Waste Management Plans (TA)</i>  <u>Task 4.2</u> RO2004/016-772.03.03/04 .02 Education and information campaigns on the waste management issues (TA)  <u>Task 4.3</u> RO2004/016-772.03.03/04 .03 Waste from Electrical and Electronic Equipment (WEEE) Directive implementation (TA)	<u>Task 4.4</u> Equipment acquisition for waste analysis (INV)  <u>Task 4.5</u> Assistance in the preparation for compliance with provisions regarding temporary storage of waste (TA)  <u>Task 4.6</u> Assistance in promoting solutions regarding recycling and use of recycled materials from End-of-Life Vehicles (TA)	<u>Task 4.7</u> Technical assistance for preparation of a strategy and action plan for the rehabilitation of historical polluted sites (TA)  <u>Task 4.8</u> Technical assistance for the improvement of the internal management of the hazardous waste generated by healthcare facilities, according to European standards (TA)  <u>Task 4.9</u> Procurement of equipment used for treatment and final disposal of hazardous healthcare waste, according to national legislation and European standards (INV)  <u>Task 4.10</u> Technical assistance for transposition and implementation of Directive on extractive's industry waste management (TA)

		<u>Task 4.11</u> Procurement of equipment for the monitoring network of waste facilities from the extractive industry – pilot project (INV)
<b>Project 5 - Support to implement the provisions of the Water Framework Directive</b>		
<u>Task 5.1</u> RO 2004/016-772.03.03/05.04 Development of Ialomita-Buzau River Basin Management Plan (TA)	<u>Task 5.2</u> Investment Supporting the Information System and Database for Water Management (INV)  <u>Task 5.3</u> Water Resources Quality Monitoring Equipment Acquisition (INV)	<u>Task 5.5</u> Assistance for Completion of Pollution Phase-out Programmes for Toxic, Persistent, Bio-accumulable Substances from List I under Transition Period Granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Dicloethan, Hexachlor-benezol, Trichlor-benzol, Trichlorethylen, Hexachlor-butadiene (TA)  <u>Task 5.6</u> Assistance in preparing the implementation of the requirements of Directive on quality of water intended for human consumption (TA)  <u>Task 5.7</u> Assistance in preparing of gradual compliance with the requirements of Directive concerning urban waste water treatment (TA)
<b>Project 6 - Implementation of Natura 2000 Network</b>		
<u>Task 6.1</u> RO2004/016-772.03.03/06.01 Implementation of NATURA 2000 Network in Romania (TA)		<u>Task 6.2</u> Investment support for implementation NATURA 2000 Network (INV)  <u>Task 6.3</u> Raising awareness about nature conservation and the value of Natura 2000 sites (TA)

		<u>Task 6.4</u> Support for the implementation of EU requirements regarding the genetically modified organisms (GMOs) (TA)
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### 1.14. 3.3 Results

The expected results of the **2006 Phare Programme for Environment** are detailed bellow:

#### 3.3.1 Project 1

'Strengthening the Capacity of the Regional Environmental Protection Agencies (REPAs), the Local Environmental Protection Agencies (LEPAs) and the National Environmental Guard (NEG) in Implementing, Monitoring and Enforcement of the Transposed Environmental Legislation'

##### 3.3.1.1 Purpose Project 1

To support the Regional Environmental Protection Agencies (REPAs), its subordinated Local Environmental Protection Agencies (LEPAs) and the National Environmental Guard (NEG) with their day-to-day responsibilities and functions related to implementation, monitoring and enforcement of the transposed environmental legislation in accordance with their legal responsibilities.

##### 3.3.1.2 Results Project 1

Tasks 1.2 -> 1.18 (TWs)

- Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;
- All regional and local EPAs' and NEG's' staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;
- Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;
- Data collection/storage systems improved;
- Programmes for remediation actions/measures of contaminated sites in the region developed;
- Improved capacities and capabilities of Intermediate Body (IB) to perform the delegated tasks regarding the implementation of SOP Environment;
- REPAs acting as Focal Points for the other REPAs/LEPAs/NEG regarding technically focussed activities on environment priority sectors;
- National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated;
- Trained staff with well developed skills for the specific areas of the Focal Point.

Task 1.19 (TA)

- Strengthened institutional capacities at regional and local (subordinated) levels, good institutional management and technical performances of staff;
- NEG staff from regional and local level involved in inspection and control activities trained on issues related: IPPC, SEVESO II, VOCs, WEEE management, industrial waste management, nature protection, water management and GMOs.

#### Task 1.20 (TA)

- The source-related environmental monitoring programmes delivered and operational;
- Procedures, techniques and the related manuals/documentation delivered;
- Staff trained in carrying out the source-related monitoring programmes.

#### Task 1.21 (INV)

- Equipment for the National Environmental Training Centre purchased, installed, tested and full operational;
- On-the-job training for the operational staff carried-out.

### 3.3.2 Project 2

#### 'Strengthening Institutional Capacity to Implement Horizontal and Noise Related Legislation'

#### 3.3.2.1 Purpose Project 2

The project aims to support the environmental protection authorities in order to develop a National Noise Monitoring System and further to improve its technical capacities and staff capabilities to implement and enforce the EU noise-related legislation.

#### 3.3.2.2 Results Project 2

##### Task 2.3 (INV)

- Equipment for environmental noise measurements and data acquisition, storage and transmission purchased and operational;
- Adequate software to set up the national data base purchased and operational;
- Staff trained in operating the equipment and software purchased.

### 3.3.3 Project 3

#### 'Strengthening Institutional Capacity for the Implementation and Enforcement of IPPC and Air Quality Legislation'

#### 3.3.3.1 Purpose Project 3

Strengthening institutional capacity and capabilities to implement and enforce the requirements of the air quality legislation by endowing laboratories with air monitoring equipment and to comply with EU monitoring and reporting requirements regarding carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions.

#### 3.3.3.2 Results Project 3

### Task 3.3 (INV)

- The regional air quality monitoring equipment delivered, installed, tested and full operational;
- Procedures, techniques and equipment operation manuals/ documentation delivered;
- Staff adequate trained in operating delivered equipment.

### Task 3.5 (TA)

- The national system for the assessment of the anthropogenic emissions at sources and sequestration of greenhouse gas emissions improved;
- More national emission factors and national methods for calculation of emission values in different sectors and activities defined and introduced based on thorough research;
- National emission factors and methods for calculation of emission values from various fields of activity, especially for key categories and activities in the energy, agriculture and land use change and forestry sectors approved and used in the coming submissions of inventories;
- The national GHG inventory improved;
- The personnel working in the climate change sector at central and local level trained;
- Training, information and awareness raising for the public delivered.

### 3.3.4 Project 4

#### 'Further implementation of waste management legislation'

#### 3.3.4.1 Purpose Project 4

Project aims to enhance technical and practical capacities of the Romanian joint-responsible authorities (MEWM, MH and MoET) to implement and enforce waste management legislation in the field of historical polluted sites rehabilitation, healthcare hazardous waste treatment and disposal and extractive industry waste management.

#### 3.3.4.2 Results Project 4

### Task 4.7 (TA)

- Data collection with the view to develop an inventory of the historical contaminated sites developed;
- Historical contaminated sites database organized;
- Strategy and an Action Plan for the rehabilitation of historical contaminated sites prepared;
- 3 investment projects of sites rehabilitation ready for submission for financing under Structural Funds.

### Task 4.8 (TA)

- Personnel awareness on the necessity of a correct management system by information and continuous professional training implemented;
- Minimization actions related healthcare waste quantity, particularly hazardous waste achieved through a rigorous selective collection designed;
- Selective collection process of the non-hazardous waste generated by sanitary units, which could be recycled and recovered improved;
- Minimization of risks generated by improper handling of the hazardous waste;
- Improved accuracy of database concerning healthcare waste management;
- Improved efficiency between collaboration institutions in healthcare waste management field.

#### Task 4.9 (INV)

- Equipment for treatment and final disposal of hazardous healthcare waste, according to the national legislation and European standards procured;
- Monitoring network for waste facilities – pilot project phase -set-up.

#### Task 4.10 (TA)

- The assessment of present situation for all waste from extractive industries facilities, taking into account the provisions of new Directive elaborated;
- Transposition of new proposed EU Directive on management of waste from extractive industries and corresponding institutional framework carried out;
- The necessary actions for implementation process of the provisions of new mining Directive established;
- Main stakeholders in the mining field trained;
- Public awareness actions regarding waste from extractive industries performed.

#### Task 4.11 (INV)

The equipment for the monitoring network of waste from extractive industries facilities - pilot project procured, installed and fully operational.

### 3.3.5 Project 5

#### ‘Support to implement the provisions of the water framework directive’

##### 3.3.5.1 Purpose Project 5

Strengthening the institutional capacity to implement and enforce the Water Framework Directive (WFD) requirements related water pollutants mitigation programmes, the quality of water intended for human consumption and gradual compliance to urban wastewater treatment Directive.

##### 3.3.5.2 Results Project 5

#### Task 5.5 (TA)

- The pollution mitigation programmes set up on types of improved activities;
- The alternative technologies, friendly for environment identified;
- The financial mechanisms for the investments identified;
- The economical-financial policies for the costs recovery identified and assessed.

#### Task 5.6 (TA)

- Implementing capacity in relation with Directive's requirements on quality of water for human consumption improved;
- Implementing programmes and necessary investments established;
- Investments programme for rural areas that are not endowed centralized water supply prepared.

#### Task 5.7 (TA)

- Programmes for the urban wastewater collecting and treatment optimised;
- Optimal and sustainable solutions regarding operating and maintenance of collecting and treatment wastewater systems established;
- Corresponding solutions for towns/cities bellow 2,000 equivalent inhabitants established.

### 3.3.6 Project 6

#### 'Implementation of Natura 2000 Network'

##### **3.3.6.1 PURPOSE PROJECT 6**

*Strengthening institutional capacity and capabilities to implement requirements of Natura 2000 Network by endowment with necessary equipment, implementation of awareness campaign on nature conservation and Natura 2000 sites and implementation of EU requirements regarding genetically modified organisms (GMOs).*

##### **3.3.6.2 Results Project 6**

#### Task 6.2 (INV)

- The sites' management structures endowed with proper equipment necessary to implement Natura 2000 Network requirements;
- Staff trained in operating the acquired equipment and software.

#### Task 6.3 (TA)

- The Romanian Protected Areas Catalogue, the Romanian Catalogue of Protected Natural Habitats, Romanian Catalogue of Protected Wild Species, Maps of Protected Areas published and distributed;
- A nation-wide programme of awareness-raising events on Natura 2000 themes implemented.

#### Task 6.4 (TA)

- The institutional framework at central, regional and local level strengthened;
- An efficient communication and coordination between the governmental and non-governmental stakeholders ensured;
- The personnel within the Central Authority for Environmental Protection and other stakeholders, trained in order to ensure an efficient control of compliance;
- The personnel within the National Environmental Protection Agency and the Regional Environmental Protection Agencies, trained in order to ensure an efficient implementation;
- Specific guides and manuals regarding the content of the Risk Assessment Study, for monitoring, inspections, implementation drawn up;
- The needs regarding setting-up and functioning of the National Reference Laboratory for GMOs and improving the Biosafety National Network defined.

#### **1.15. 3.4 Activities (including Means)**

<b><u>Project 1 – ‘Strengthening the Capacity of the Regional Environmental Protection Agencies (REPAs), the Local Environmental Protection Agencies (LEPAs) and the National Environmental Guard (NEG) in Implementing, Monitoring and Enforcement of the Transposed Environmental Legislation’ Tasks 1.2 -&gt; 1.18 (TWs)</u></b>	
<u>Task 1.2</u> - Implementation and enforcement of the environmental Acquis focussed on air quality – REPA Cluj	
<u>Task 1.4</u> - Implementation and enforcement of the environmental Acquis focussed on nature protection – REPA Sibiu	
<u>Task 1.6</u> - Implementation and enforcement of the environmental Acquis focused on soil & subsoil and ecological reconstruction – REPA Timisoara	
<u>Task 1.8</u> Implementation and enforcement of the environmental Acquis focussed on IPPC – REPA Craiova	
<u>Task 1.10</u> - Implementation and enforcement of the environmental Acquis focussed on IPPC and risk management – REPA Pitesti (TW)	
<u>Task 1.12</u> - Implementation and enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau (TW)	
<u>Task 1.14</u> - Implementation and enforcement of the environmental Acquis focussed on industrial waste management – REPA Galati (TW)	
<u>Task 1.16</u> - Implementation and enforcement of the environmental Acquis focussed on Noise – REPA Bucharest (TW)	
<u>Task 1.18</u> - Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8 regional twinning projects – NEPA Bucharest (TW)	
<b>Activities</b>	<b>Means</b>
To keep supporting the Romanian staff from NEPA/REPAs/LEPAs and NEG based on expertise/know-how transfer from a selected MS twinning partner in order to improve	<ul style="list-style-type: none"><li>• One <b>Twinning Contract</b> corresponding to each twinning project;</li><li>• One RTA for 18 months for each twinning project;</li></ul>

<p>staff's good practices and knowledge, in line with their responsibilities/tasks, on two categories of activities:</p> <p>- <i>Daily activities:</i></p> <ul style="list-style-type: none"> <li>○ INSTITUTIONAL CAPACITY</li> <li>○ Environmental Planning and Policy Integrated Permitting Procedure</li> <li>○ Waste management</li> <li>○ Air quality and climate change</li> <li>○ Biodiversity and nature protection</li> <li>○ Soil/subsoil protection and ecological reconstruction</li> <li>○ Chemicals</li> <li>○ Horizontal legislation</li> <li>○ Structural Instruments</li> </ul> <p>- <i>Focused activities</i> on different environmental sectors/issues:</p> <ul style="list-style-type: none"> <li>○ Air quality</li> <li>○ Nature protection</li> <li>○ Soil/subsoil and ecological reconstruction</li> <li>○ IPPC &amp; risk management</li> <li>○ Domestic and industrial waste management</li> <li>○ Environmental noise</li> </ul>	<ul style="list-style-type: none"> <li>• One Pool of short-term experts (STEs) supporting daily activities;</li> <li>• One Pool of short-term experts supporting focussed activities;</li> <li>• Twinning parallel co-financing from MEWM's budget;</li> <li>• Secretarial services and logistical support through twinning project;</li> <li>• Operational staff employees of REPA's, LEPA's and NEG;</li> <li>• Training modules.</li> </ul>
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**Task 1.19 (TA) – Support to the National Environmental Guard (NEG) by strengthening its capacity on inspection and control**

<ul style="list-style-type: none"> <li>• To strengthen the institutional capacities at regional and local levels, good institutional management and technical performances of staff;</li> <li>• To train NEG's staff involved in inspection and control activities related IPPC, SEVESO II, VOCs, WEEE management, industrial waste management, nature protection, water management and GMOs.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months.</li> <li>• Key experts and a pool of short-term experts will implement the project;</li> <li>• Training modules;</li> <li>• Staff gained/improved competencies.</li> </ul>
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**Task 1.20 (TA) – Technical assistance to NEPA for setting-up and implementation of source-related environmental radioactivity monitoring programmes**

Activities	Means
<ul style="list-style-type: none"> <li>• Design of specific source-related monitoring programmes in terms of locations, sample types and sampling</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> </ul>

<p>frequencies;</p> <ul style="list-style-type: none"> <li>• Elaboration of methodological guidelines for the NERSN corresponding to the equipment purchased under Phare 2003 project and the source-related monitoring programmes;</li> <li>• Training of the staff involved in source-related environmental radioactivity monitoring.</li> </ul>	<ul style="list-style-type: none"> <li>• Key experts and a pool of short-term experts;</li> <li>• National Programme for source-related environmental radioactivity;</li> <li>• Training modules;</li> <li>• Staff gained/improved competencies.</li> </ul>
<b>Task 1.21 (INV) – Equipment acquisition for the National Environmental Training Centre</b>	
<p>To endow the National Environmental Training Centre with necessary IT and communication equipment to strengthen staff's knowledge and skills on environmental protection issues, to attain sustainability of the educational process.</p>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 9 months.</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution provided by the National Fund/MPF will be 25% of the project cost;</li> <li>• IT and office communication equipment;</li> <li>• Staff gained/improved knowledge and skills.</li> </ul>

In the case of twinning (Project 1, Tasks 1.2->1.18), the types and profiles of the experts needed are as follows:

- A long-term expert named the Resident Twinning Adviser (RTA) from a Member State homologous administrative structure in the area of environmental protection;
- The Short Term Experts (STEs) with proved technical expertise in the following areas: IPPC and risk management, air quality, nature protection/soil-subsoil and ecological reconstruction, environmental noise, domestic and industrial waste management.

#### **Profile of the RTA:**

The RTA will be a senior civil servant or equivalent staff with strong knowledge and experience in implementing and enforcing environmental acquis at the executive level.

The RTA has to know the basic rules to conduct a twinning project in the field of environment and handling responsibilities in environmental integrated permitting, monitoring and control activities in this field and management of Structural and Cohesion Funds. He/She will have good experience in organization and will assure that the partners involved in this twinning will have a leading role throughout the region regarding the specific tasks of the project.

He/she will have capability of conducting complex activities on international and local issues, defining the roles and structures in assessing current and future co-operation linkages between the REPA and the other bodies and in keeping tracks with the evolution of the project.

The RTA should have permanent link with the backstopping institution he/she originates from and with MS bodies in his/her country dealing with the subjects to ensure the condition that the approach that is to be implemented is fitting currently with that of a EU corresponding body.

Strong communication facilities and ability to work in difficult environment is required. He/she should also have ability to manage a team of experts and to co-ordinate multipurpose activities, to assure linkage with EU institutions and sector organizations. Good working knowledge of English is required.

Other required inputs:

The activity of the RTA has to be assisted by two kind of pool of short-term experts (STEs):

✓ One pool of STEs will support the RTA in performing the common daily activities and should have good knowledge and expertise in the implementation and enforcement of the environmental legislation at regional/local level, such as:

- Drafting regional/local environmental action plans, regional waste management plan and plans and programmes for the management of air quality and emissions reduction;
- Reviewing applications and issuing environmental license/ agreement/ integrated environmental agreement and environmental permit/ integrated environmental permit for projects;
- Coordinating data collection and reporting procedures at the regional/local level;
- Inspection and enforcement activities, in particular providing the laboratory services, at local level;
- Cooperation with the other environmental protection public authorities, with other authorities and public institutions and civil society;
- Providing intensive training activities and/or training-in-the-job on the EU legislation implementation and best practices.

✓ One pool of STEs should have deep knowledge and specific experience in each focussed area

The STEs will act within twinning work packages in accordance with the agreed Contract. It is important to note that the input of STEs must be considerable, having in view the wide range of problems to be tackled throughout the entire duration of the twinning project. Therefore, the Member State team should cover in their proposal all aspects of the environmental acquis. Hence the STEs should cover that experience and knowledge so to complement the RTA's qualifications, and to prove good competencies both, as team as well as individuals.

**Project 2 – Strengthening Institutional Capacity to Implement Horizontal and Noise related Legislation**

Tasks 2.3 (TA) - Equipment acquisition for noise monitoring system (INV)	
Activities	Means
<ul style="list-style-type: none"> <li>•To procure the noise monitoring equipment according to Technical Specification requirements and following EU PRAG procurement rules;</li> <li>•To install the noise monitoring equipment and testing its operation parameters;</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 9 months;</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution provided by the National Fund/MPF will</li> </ul>

<ul style="list-style-type: none"> <li>• To train the staff involved in daily use of the noise monitoring equipment.</li> </ul>	<p>be 25% of the project cost;</p> <ul style="list-style-type: none"> <li>• Environmental noise monitoring equipment;</li> <li>• Staff gained/improved knowledge and skills through training on equipment.</li> </ul>
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**Project 3 – ‘Strengthening Institutional Capacity for the Implementation and Enforcement of IPPC and Air Quality legislation’**

<b>Tasks 3.3 (INV) - Equipment acquisition for the Regional Air Quality Monitoring Network</b>	
<b>Activities</b>	<b>Means</b>
<ul style="list-style-type: none"> <li>• <i>Acquisition of monitoring equipment according to Technical Specifications and following PRAG procurement rules for Phare related investments;</i></li> <li>• <i>Certification of equipment by national metrological authorities;</i></li> <li>• <i>Installation and testing procedures of equipment;</i></li> <li>• <i>On-the-job training of staff involved in daily/regular operation of the purchased equipment.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 9 months;</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution provided by the National Fund/MPF will be 25% of the project cost;</li> <li>• Air quality monitoring equipment;</li> <li>• Staff gained/improved knowledge and skills through training on equipment.</li> </ul>
<b>Tasks 3.5 (TA) - Support in the implementation of the EU requirements concerning the monitoring and reporting of carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions</b>	
<ul style="list-style-type: none"> <li>• The improvement of the national system for the assessment of the anthropogenic emissions at sources and sequestration by sinks of greenhouse gas emissions;</li> <li>• Researching and introducing more national emission factors and national methods for calculation of emission values in different sectors and activities;</li> <li>• Approving national emission factors and methods for calculation of emission values from various fields of activity, especially for key categories and activities in the energy, agriculture and land use change and forestry sectors and using the new values for the coming</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts Key experts and a pool of short-term experts;</li> <li>• Training modules;</li> <li>• Staff gained/improved competencies.</li> </ul>

submissions of inventories; <ul style="list-style-type: none"> <li>• The improvement of the national greenhouse gas inventory;</li> <li>• Providing training, information and awareness raising for the public;</li> <li>• Delivery of training for personnel working in the climate change sector at central and local level.</li> </ul>	
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**Project 4 – ‘Further Implementation of Waste Management Legislation’**

<b>Tasks 4.7 (TA) - Technical assistance for preparation of a strategy and action plan for the rehabilitation of historical polluted sites</b>	
<b>Activities</b>	<b>Means</b>
<ul style="list-style-type: none"> <li>• To develop data collection with the view to organize an inventory of the historical contaminated sites;</li> <li>• To prepare the historical contaminated sites database;</li> <li>• To develop a Strategy and its associated Action Plan for the rehabilitation of historical contaminated sites;</li> <li>• To prepare investment projects for historical rehabilitation sites rehabilitation, ready for submission for financing under Structural Funds.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts Key experts and a pool of short-term experts;</li> <li>• Database for historical contaminated sites;</li> <li>• Strategy and Action Plan for rehabilitation of historical contaminated sites;</li> <li>• 3 investment projects’ proposals;</li> <li>• Staff competencies improved.</li> </ul>
<b>Tasks 4.8 (TA) - Technical assistance for the improvement of the internal management of the hazardous waste generated by healthcare facilities, according to European standards</b>	
<ul style="list-style-type: none"> <li>• Analyzing of the current situation of healthcare waste management at national level;</li> <li>• Conducting a pilot study on healthcare waste management surveillance;</li> <li>• Establishing the pilot sanitary units needs concerning the internal management and final disposal of healthcare wastes;</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts Key experts and a pool of short-term experts;</li> <li>• Training modules;</li> <li>• Staff competencies improved.</li> </ul>

<ul style="list-style-type: none"> <li>• Development program training for the correct implementation of actual legislation;</li> <li>• Development proper solutions concerning the final disposal of the hazardous healthcare waste according with the national and European standards.</li> <li>• Organizing training activities and seminars for sharing gained experience, ideas and conclusions during the project development.</li> </ul>	
<b>Tasks 4.9 (INV) - Procurement of equipment used for treatment and final disposal of hazardous healthcare waste, according to national legislation and European standards</b>	
<ul style="list-style-type: none"> <li>• To procure needed equipment used for treatment and final disposal of hazardous healthcare waste in according with the national legislation and EU standards;</li> <li>• To organize training activities and seminars for sharing gained experience, ideas and conclusions during the project development.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 12 months;</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution provided by the Ministry of Health will be 25% of the project cost</li> <li>• Equipment for treatment and final disposal of hazardous healthcare waste;</li> <li>• Staff gained/improved knowledge and skills.</li> </ul>
<b>Task 4.10 (TA) - Technical assistance for transposition and implementation of Directive on extractive's industry waste management</b>	
<ul style="list-style-type: none"> <li>• To elaborate the present situation for all waste from extractive industries facilities, taking into account the provisions of new Directive;</li> <li>• To establish the necessary actions for implementation process of the provisions of new mining Directive;</li> <li>• To train the main stakeholders in the mining field;</li> <li>• To perform public awareness actions regarding waste from extractive industries.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 12 months;</li> <li>• Key experts and a pool of short-term experts;</li> <li>• Training modules;</li> <li>• Public awareness raised;</li> <li>• Staff competencies improved.</li> </ul>

<b>Task 4.11 (INV) - Procurement of equipment for the monitoring network of waste facilities from the extractive industry – pilot project</b>	
<ul style="list-style-type: none"> <li>• To procure and install equipment for the monitoring network for waste from extractive industries facilities - pilot project.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 12 months;</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution provided by the Ministry of Economy and Trade (MoET) will be 25% of the project cost.</li> </ul>

**Project 5 – ‘Support to Implement the Provisions of the Water Framework Directive’**

<b>Tasks 5.5 (TA) - Assistance for completion of pollution phase-out programmes for toxic, persistent, bio-accumulable substances from List I under transition period granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Diclorethan, Hexachlor-benzol, Trichlor-benzol, Trichlorethylen, Hexachlor-butadiene</b>	
<b>Activities</b>	<b>Means</b>
<ul style="list-style-type: none"> <li>• To establish pollution mitigation programmes based on types of improved activities;</li> <li>• To identify alternative friendly environmental technologies;</li> <li>• To identify better financial mechanisms for the envisaged investments;</li> <li>• To identify and assess the most suitable economical – financial policies for costs recovery;</li> <li>• Providing training for the monitoring and inspection activities;</li> <li>• Establishing a methodology for public and media information;</li> <li>• Establishing a reporting template for the European Commission.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts</li> <li>• Water Pollutants Mitigation Programmes/ Methodologies;</li> <li>• Staff gained/improved competencies.</li> </ul>
<b>Tasks 5.6 (TA) - Assistance in preparing the implementation of the requirements of Directive on quality of water intended for human consumption</b>	
<ul style="list-style-type: none"> <li>• Providing training for the monitoring and inspection activities;</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> </ul>

<ul style="list-style-type: none"> <li>• Establishing a methodology for public and media information;</li> <li>• Establishing a reporting template for the European Commission;</li> <li>• Establishing framework solutions for the water supply systems rehabilitation;</li> <li>• Analyzing the existent situation in rural areas that are not endowed with centralized water supply and establishing solutions in order to provide a qualitative water, in conformity with the Framework Water Directive;</li> <li>• Elaborating a prioritization of the necessary investments in drink water supply field, according to the Framework Water Directive.</li> </ul>	<ul style="list-style-type: none"> <li>• Key experts and a pool of short-term experts;</li> <li>• EU Reporting;</li> <li>• Staff gained/improved competencies.</li> </ul>
<b>Tasks 5.7 (TA) - Assistance in preparing of gradual compliance with the requirements of Directive concerning urban wastewater treatment</b>	
<ul style="list-style-type: none"> <li>• To analyse the Directive's Implementation Programme for towns/cities between 2,000 and 10,000 equivalent inhabitants;</li> <li>• Establishment of framework-solutions for wastewater collecting and treatment for towns/cities between 2,000 and 10,000 equivalent inhabitants based on the cost/efficiency analysis and the impact on water sources;</li> <li>• Establishment of an adequate corresponding alternative technologies for the wastewater treatment for towns below 2,000 equivalent inhabitants;</li> <li>• Establishing solutions for operating and maintaining of the sewerage and treatment network at regional and basin level;</li> <li>• To analyse and programmes correlation between sewerage and treatment systems development and the refurbishment programmes for water supply systems.</li> </ul>	<ul style="list-style-type: none"> <li>•The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>•Key experts and a pool of short-term experts;</li> <li>•Wastewater treatment alternative technologies;</li> <li>•Staff gained/improved competencies.</li> </ul>

**Project 6 – ‘Implementation of Natura 2000 Network’**

<b>Tasks 6.2 (INV) - Investment support for implementation NATURA 2000 Network</b>	
<b>Activities</b>	<b>Means</b>
<ul style="list-style-type: none"> <li>• To procure equipment for implementing the Natura 2000 Network (equipment for camp, binoculars, networks, PC, software, the publicity panels) for management structures of sites;</li> <li>• To train the staff in use of the acquired equipment and software.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Supply Contract</b> and its duration is 9 months;</li> <li>• EU Phare investment support is 75% from the total project amount; the national co-financing contribution from the National Fund/MPF will be 25% of the project cost;</li> <li>• Equipment for Natura 2000;</li> <li>• Staff gained/improved competencies.</li> </ul>
<b>Tasks 6.3 (TA) - Raising awareness about nature conservation and the value of Natura 2000 sites</b>	
<ul style="list-style-type: none"> <li>• To edit and publish the Romanian Protected Areas Catalogue, the Romanian Catalogue of Protected Natural Habitats, Romanian Catalogue of Protected Wild Species, Maps of Protected Areas;</li> <li>• To implement a nation-wide programme of awareness-raising events on Natura 2000 themes.</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts;</li> <li>• Nature protection Catalogues/Maps;</li> <li>• Awareness campaigns on Natura 2000;</li> <li>• Staff gained/improved competencies through training.</li> </ul>
<b>Tasks 6.4 (TA) - Support for the implementation of EU requirements regarding the genetically modified organisms (GMOs)</b>	
<ul style="list-style-type: none"> <li>• Strengthening of the institutional framework at central, regional and local level;</li> <li>• Ensuring an efficient communication and coordination between the governmental and non-governmental stakeholders;</li> <li>• Training of personnel within the Central Authority for Environmental Protection and other stakeholders, in order to ensure an efficient control of compliance;</li> <li>• Training of personnel within the National</li> </ul>	<ul style="list-style-type: none"> <li>• The project will be tendered as a <b>Service Contract</b> and its duration is 18 months;</li> <li>• Key experts and a pool of short-term experts;</li> <li>• Communication/coordination in the field of GMOs;</li> <li>• Guides and manuals;</li> <li>• Staff gained/improved competencies.</li> </ul>

<p>Environmental Protection Agency and the Regional Environmental Protection Agencies, in order to ensure an efficient implementation;</p> <ul style="list-style-type: none"> <li>• Drawing up of specific guides and manuals regarding the content of the Risk Assessment Study, for monitoring, inspections, implementation;</li> <li>• Definition of the needs regarding setting-up and functioning of the National Reference Laboratory for GMOs and the improvement of the Biosafety National Network.</li> </ul>	
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### 1.16. 3.5 Linked Activities

#### ***AIR QUALITY***

In 1999, through the **Danish technical assistance project for transposition and implementation of EU Directives in air quality field**, the '*Sectoral Approximation Strategy for Air and Climate Change in Romania*' was elaborated.

In 2001-2002, the **Danish technical assistance** supported the central environmental authority **for the transposition of the EU Directives in the air quality field**, for implementation of the EU Legislation in 3 pilot areas, for elaboration of a guide for air quality preliminary assessment, emission inventories for 3 pilot EPAs and to elaborate a Ministerial Order regarding the zones and agglomerations based on the air quality assessment.

The project "***Strengthening the capacity of the air quality monitoring***" with USAID assistance aimed at increasing the capacity of 7 EPAs in order to elaborate the emission inventories. For 2 pilot EPAs were also elaborated emission inventories, mathematic models for environmental impact assessment, the air quality monitoring network and recommendations for pollutant emissions reduction.

In 1993, through a **Phare project**, Romania was assisted in developing the National Integrated Environmental Monitoring System. **The Master Plan for the National Environmental Monitoring System (NEMS) in Romania** provides a framework for the further development of environmental monitoring in Romania.

Under **Phare CBC 1999 project "Joint Air Quality Monitoring System on the Romanian-Bulgarian Boundary Towns on Lower Danube"**, was put into operation the Joint Romanian – Bulgarian Air Quality Monitoring System in the Lower Danube in accordance with EU requirements. In this respect, the Romanian EPs Giurgiu, Calarasi and Alexandria were endowed with air quality monitoring equipment.

Under **Phare 2000 Programme "Implementation of the Environmental Acquis"** a pilot local investment project in the EPA Bucharest for air quality monitoring has been developed. The

objectives of the project are: to establish a sustainable air quality monitoring system for the Bucharest that meets the EU air quality monitoring and to build the capacity of the Bucharest EPA to operate the monitoring systems, provide public information on air quality and to meet national and EU reporting requirements.

The **twinning project** under the same programme developed implementation plans and cost assessment for the directive 96/62–Air framework.

Under **Phare 2002 Programme**, the project *‘Improvement of the National Air Quality Monitoring Network’*, equipped 3 agglomerations (Iasi, Cluj Napoca and Craiova) and the National Reference Laboratory for Air Quality with proper monitoring equipment for air quality.

**Technical Assistance** provided by a PPF developed the National Strategy and the National Action Plan on Atmosphere Protection for Romania.

As well, within the **Phare CBC 2003 Programme**, the project *‘Development of an Air Quality Management Programme for the Romanian region along the Bulgarian border, on Lower Danube’* will be implemented. Under this project Plans and Programmes in trans-boundary conditions for air quality management will be drafted.

**Phare 2004/IB/EN/01 ‘Implementation and enforcement of the environmental Acquis focussed on air quality’ – REPA Cluj.** The twinning project will implement the following activities in the field of air quality:

- To evaluate the current situation on air quality assessment and management within the region;
- To elaborate the lists with agglomerations and zones within the region for which drawing up the plans and programs are required to be established;
- To elaborate the Guideline for data acquisition, data storage and data reporting;
- To elaborate quality assurance and quality control procedures (QA/QC) in the air quality sector;
- To assess the current situation of Regional Air Quality Monitoring Network within the region regarding to endowing with proper equipment (for the zones established in the list) in order to meet the requirements of EUROAIRNET system for air quality data and to elaborate Technical Specifications for the necessary equipment acquisition;
- To provide the NEPA with the new developed guidelines/procedures/etc in order to promote and apply these at the national level and, provide training for all other REPAs/LEPAs staff on the guidelines/procedures developed, under the co-ordination of NEPA twining project;
- To advise the other RTAs/STEs from the other twinning projects with technically focussed activities related to air quality issues whenever the case; to assist in developing the network for communication and exchange of information/progress related to the air quality issues, getting the position of Focal Point amongst the other REPAs and LEPAs during the project implementation.

*Project ‘Prevention of Natural Disasters Generated by Flooding and Air Pollution Monitoring’ - financial assistance of the Council of Europe Development Bank (CEDB). The project aims to equip the rest of the agglomerations and zones with monitoring equipment.*

## **NOISE**

The PPF project - ROBuzduga128\_2050423 – ‘*The implementation of an adequate noise monitoring system in urban regions according with UE requirements in this field*’ **provided the following results:**

- A national study for identification of specific areas for strategic noise mapping according to *Directive 2002/49/EC*, in order to establish the relevant elements to design the National Noise Monitoring System (NNMS) has been elaborated;
- The needs according to *Directive 2002/49/EC* have been defined;
- The Design of the National Noise Monitoring System (NNMS) has been performed;
- The necessary equipment (measurement equipment, adequate software for computation the noise indicators, requirements on locations for noise measurements, informational system, data acquisition, storage and transmission) for the NNMS has been identified;
- The detailed evaluation of the training needs in the noise field has been developed.

**The Phare 2004 twinning project RO 04/IB/EN/08 ‘Implementation and enforcement of the environmental Acquis focussed on VOCs and Noise’ will support REPA Bucharest in strengthening its capacity in implementing, monitoring and enforcement of the transposed environmental legislation. Some focussed activities in the fields of noise will be developed:**

- Assessment of current status of activities in the field of noise and summary of the results of noise mapping;
- Development of an assessment methodology for noise and respective guideline;
- Set up of a data base on noise at regional and local level;
- Development of a strategic noise map for Bucharest agglomeration;
- Drafting of a noise Action Plan for Bucharest agglomeration;
- Distribution of the guideline on noise assessment at the NEPA and other REPA/LEPAs;
- Strengthening administrative capacities of the REPA staff in the field of noise and air quality measurement.

**Phare 2004 project 2004/ 016-772.03.03/02.02 ‘Strengthening institutional capacities for implementing and enforcing noise related Directives’** has the following specific objectives:

- To establish the assessment methods for determination of noise exposure and to draft the secondary legislation in the field;
- To define areas for pilot studies and to develop a database on noise;
- To elaborate the strategic noise maps and action plans on the pilot areas defined;
- To develop a public awareness raising strategy on noise legislation and providing training sessions for the staff involved in the noise field.

## **WATER MANAGEMENT**

Under **Phare 1998** project “*Strengthening the Institutional and Administrative Capacity to Manage Environmental Policy in Romania in conformity with the Acquis Communautaire*”, was developed a twinning for the water sector which has been focused on the achievement of the following main items, regarding 91/676/EEC, 91/271/EEC, 80/68/EC, 76/464/EEC and 2000/60/EC Directives:

- Strategy for the transposition and implementation of the Directives;
- Transposition of the Directives;
- Information system for the water management field;
- Support to the local communities for the implementation of the transposed Directives;
- Improvement of the capabilities for the implementation of the transposed Directives.

**Phare 2001 Programme** *‘Assistance for the implementation of environmental policies in Romania’* has a component for the water sector entitled: *‘Implementation of the new Water Framework Directive on pilot basins’* and its outputs are the following:

- Development of a River Basin Management Plan on Somes river basin;
- Elaboration of a cost evaluation methodology for the implementation of Water Framework Directive in the field of water quality monitoring within the Arges River Basin;
- Procurement of monitoring equipment on both pilot basins.

**Phare 2002 Programme** has the sub-project entitled *‘Establishment of an information system and a database for water management field according to the requirement of the Water Framework Directive’*. The results of this project are the following:

- A report containing the assessment of the existing situation in the field;
- Methodologies for elaboration of reports -in accordance with EU directives, the international conventions, bilateral conventions or agreements - which have to be submitted to the Commission, River Basin Committees or to the public;
- The Action Plan for Cadastre numeration (data bases, GIS for data and cadastre maps);
- Joint technical language and data dictionaries;
- The Technical Unit responsible for the implementation of the Action Plan and the financing strategy for the information system;
- The financing strategy for the information system;
- A system of flowing information;
- Procedures for quality assurance and pilot area identified and equipped.

**Phare 2004** project **RO - 2004/016-772.03.03/05.01** *‘Development of Ialomita-Buzau River Basin Management Plan’* aims to achieve the following objectives:

- Producing a properly agreed River Basin Management Plan for the Ialomita-Buzau river basin including: a programme of measures for reaching the good status for ground-waters and for reaching the good status and the good ecological potential for surface waters, including a plan for the river restoration.
- Providing public and stakeholders participation in the decision making process in the Ialomita-Buzau River Basin management plan development,

**Phare 2005** project **PHARE/2005/017-553.03.03/05.02** *‘Investment supporting the information system and database for water management’* will support the procurement, installation and putting into operation of IT and GIS system that will manage the National Network of Data Transmission in Water Management. The staff involved in operate the equipment will receive adequate training.

**Phare 2005** project **PHARE/2005/017-553.03.03/05.03** *‘Water resources quality monitoring equipment acquisition’* aims to strengthen the institutional capacity and capabilities to implement and enforce the requirements of WFD by improving the capacity of local Water Management Units

to run an integrated monitoring system of water resources. Necessary laboratory equipment for monitoring the water resources quality will be procured and training sessions for the staff involved in operating it will be done.

### ***NATURE PROTECTION***

**Phare 2004** twinning project **RO 04/IB/EN/02** '*Implementation and enforcement of the environmental Acquis focussed on nature protection*'- **REPA Sibiu** twinning project will perform the following activities in the field of nature protection:

- To establish a mechanism for public consultation prior to site designation;
- To establish a Clearing House Mechanism for Natura 2000 Network as well as for nature conservation in general;
- Create a web site on the Natura 2000 Network as an informative but also as an exchange forum tool;
- Design informational and educational placards for the identified Natura 2000 sites;
- To train the staff of EPAs and from other institutions including research ones in the implementation of Natura 2000 Network by using the developed guidelines;
- Organize training for trainers for the future managers of Natura 2000 sites which will need such structures;
- Provide access to best practices in Natura 2000 implementation and sites management through materials, books, CDs, in-house training, study tours, access to international specific conferences, workshops and other meetings, organize expertise exchange workshops and an international conference to address Natura 2000 sites in Europe;
- To provide the NEPA with the new developed guidelines/procedures/etc in order to promote and apply these at the national level and, provide training for all other REPAs/LEPAs/NEG staff on the guidelines/procedures developed, under the co-ordination of NEPA twinning project;

**Phare 2004** twinning project **RO 04/IB/EN/03** '*Implementation and enforcement of the environmental Acquis focussed on nature protection*' – **REPA Timisoara** twinning project will perform the following activities in the field of nature protection:

- To prepare a draft of the structure and operation of the bodies that will manage the Natura 2000 Network in the region, taking the following into consideration: type of the body, organizational structure, qualifications of the employees, scope of work, technical equipment, operational costs;
- To draw up the plans for protecting natural habitats and species of wild flora and fauna, mentioned in the annexes of the Directives, and which are to be found on the territory of the region;
- To establish a control system for future Natura 2000 Network and a monitoring system of habitats and species conservation status in the specific region;
- To develop guidelines for management of specific types of Natura 2000 sites;
- To develop guidelines for management plans and to develop management plans for the identified different types pilot sites;
- To assess the needs of equipment to manage and control Natura 2000 sites at LEPAs/REPA level and for Natura 2000 future management bodies;
- To train the staff of EPAs and from other institutions including research ones in the implementation of Natura 2000 Network by using the developed guidelines;

- Organize training for trainers for the future managers of Natura 2000 sites which will need such structures;
- To provide the NEPA with the new developed guidelines/procedures/etc in order to promote and apply these at the national level and, provide training for all other REPAs/LEPAs/NEG staff on the guidelines/procedures developed, under the co-ordination of NEPA twining project;

**Phare 2004** project **RO -2004/ 016 – 772.03.03/06.01** *‘Implementation of NATURA 2000 Network in Romania’* aims to achieve the following objectives:

- To produce the related systems for future updates of the datasets and maps, together with the allocation of responsibilities for the providing of new data to various organizations;
- To set up a GIS database aimed to help the process of taking decisions regarding the sites of European importance selection for the establishment of Natura 2000 Network in Romania;
- To select the sites and to complete the necessary standard forms related to the establishment of Natura 2000 Network in Romania;
- To strengthen the institutional capacity of the MoEWM, NEPA, REPAs, LEPAs, National and Natural Parks Administrations in order to establish the Natura 2000 Network in Romania;
- To design a nation-wide programme of awareness-raising events on Natura 2000 themes

**Phare 2005** project **PHARE/2005/017-553.03.03/07.02** *‘Technical assistance to develop the environmental related GIS maps’* envisages improving the decision-making process of the Romanian environmental authorities at central, regional and local levels by using GIS environmental related maps. Environmental GIS maps will be developed and the staff at central, regional and local level working with GIS and using GIS maps will be trained.

**Phare 2005** project **PHARE/2005/017-553.03.03/07.03** *‘Investment support to assist the environmental protection decisions through GIS system’* will support the procurement, installation and putting into operation of IT and GIS system at local and central levels in order to support the responsible environmental authorities in the decision-making process. The staff involved in operate the equipment will receive adequate training.

An important activity undertaken by the MAFWE was the participation in the **EMERALD Network** programme, through the completion of the Standard Characterisation Form of Protected Areas for 7 Areas for Special Conservation Interest, representing the starting point in establishing the Emerald Network in Romania. Another result of this programme was the list containing all EMERALD natural habitats and wild species in Romania. The EMERALD programme is an ongoing one, as in 2002, for other 5 EMERALD sites the Standard Forms and database were completed.

Within the **Corine Land Cover 1990** the first GIS national coverage database of the land cover was made based on satellite image interpretation.

Another relevant EU funded project was **Corine Biotope** undertaken in 1992 in order to identify and characterize the Palearctic habitat types present in Romania as well as to create the inventory database of the species and habitats present in a significant number of sites covering the most important biodiversity spots.

**Image 2000 Programme and Corine Land Cover 2000** is under development starting from 2002 and has as aims to correct and improve the CLC 1990 GIS database as well as to measure the changes in land cover during the 10 years period.

Romania is the first accession country associated to the Community financial assistance programme **LIFE-NATURE** that finances the implementation of the Birds and Habitats Directives. Thus, until now an important number of biodiversity related projects have been financed.

Other important projects with relevance for nature protection and conservation in Romania are as follows:

Under **GEF/World Bank**, two very important projects have been developed so far: **Danube Delta Biodiversity** and **Biodiversity Conservation Management**.

The project "**Conservation of Biological Diversity in Danube Delta**" (1994-2000) was focused on capacity strengthening of the institutional capacity of the Danube Delta Management Authority, polder restoration and ecosystem restoration for sustainable use, as well as public awareness.

The project, "**Biodiversity Conservation Management**" (1999-2004), has as its main objectives: development and implementation of biodiversity conservation management plans; establishing administrative structures at three priority protected areas; establishing the Biodiversity Information Management System (BIMS) where many important data sources for biodiversity assessment at the national level and at the sites level were already collected in GIS databases. Medium resolution satellite images were used at the national level and Ikonos high-resolution images were used at the sites level in order to map species distribution.

Other **GEF/UNDP** project is '***Demonstrating an Integrated and Participatory Management Approach for the Conservation of Globally-Significant Biodiversity within the Macin Mountains Park***', which aims to create a long-term landscape for the conservation and management of steppe, sub-Mediterranean and Balkanic ecosystems, as their associated endangered and endemic species within the Macin Mountains.

**FAO – Land Cover Classification System** is another project started in 2002 aimed to map the land cover but it has a totally different approach and methodology. Both FAO LCCS and CLC 2000 projects are connected through the BIMS in order to use the results from both approaches to improve both databases.

**MATRA Project** '***The implementation of the EU Nature Conservation Legislation in Romania***'. The project aims to contribute to the accession of Romania to the European Union by assistance provided with the implementation of the EU Birds- (79/409/EEC) and Habitats Directives (92/43/EEC).

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GEF/UNDP project '*Development of the National Biosafety Framework*' had as main objective the evaluation/revision of a National Biosafety Framework in accordance with the relevant provisions of the Cartagena Protocol on Biosafety. The main elements of this framework would be:

- a regulatory system
- an administrative system
- a decision making system that includes risk assessment and management
- mechanisms for public participation and information

### WASTE MANAGEMENT

Under **Phare 1998** '*Strengthen the Institutional and Administrative Capacity to Manage Environmental Policy in Romania in conformity with the Acquis Communautaire*', a twinning was developed in the waste sector which foresaw: transposition of the Acquis into Romanian law (Directives 75/439/EEC, 91/157/EEC, 94/67/EC, 96/59/EC, 99/31/EC, Regulation 259/93), approaches on waste policy, waste management strategy and action programme, Romanian data base on waste, economic and financial aspects and training sessions.

Under **Phare 2000 Programme** '*Implementation of the Environmental Acquis*' the twinning component developed an environmental strategy with particular reference to financial mechanism. The results achieved are: implementation plans and for 9 selected directives in the field of air, water, waste and IPPC, cost assessment for the 9 implementation plans, economic instruments and financial strategy for implementation. The selected directives in the waste sector were 75/442 – waste framework, 86/278 – sewage sludge and 94/62 – packaging waste.

Under **Phare 2001 Programme** the project '*Twinning to further assist Romania in the transposition and implementation of legislation on Waste Management*' the expected results were to consolidate the national/regional waste management strategies, to finalize the transposition process and to develop secondary legislation for the sector.

*Phare 2004 twinning project RO/04/IB/EN/06 'Implementation and enforcement of the environmental Acquis focussed on domestic waste management' - Phase I aims to consolidate the capacity of the REPA Bacău and its subordinated LEPA's (Suceava, Botoșani, Iași, Neamț, Bacău and Vaslui) in the implementation and enforcement of the environmental legislation focused on urban and rural waste management related requirements.*

•The beneficiary REPA and its subordinate LEPA's will also receive assistance in performing activities specific to management of waste in the following areas:

- Waste sorting analysis
- Education material on minimization and recovery of organic wastes
- Guidance for the implementation of waste management system in urban and rural areas
- On -the-job training for waste analysis in the laboratory

*Phare 2004 twinning project RO/04/IB/ENV/07 'Implementation and enforcement of the environmental Acquis focussed on industrial waste management' - Phase I aims to consolidate the capacity of the REPA Galați and its subordinated LEPA's (Brăila, Galați, Buzău, Constanța, Tulcea and Vrancea) in the implementation and*

*enforcement of the environmental legislation focused on industrial waste related requirements.*

The beneficiary REPA and its subordinate LEPA's will also receive assistance in performing activities **specific to management of waste** and in the field of **Waste Service Enterprises as inter mediators between waste producers and waste recyclers.**

**Phare 2004** project RO 2004/016-772.03.03/04.01 '*Technical Assistance for Elaborating the Regional Waste Management Plans*' aims to provide 8 complete (municipal waste and hazardous waste) Regional Waste Management Plans (RWMPs) and to provide support to strengthen the administrative structures, capacities and skills necessary for effective and efficient preparation, revision, implementation and monitoring of the RWMPs in all 8 regions.

**Phare 2004** project RO 2004/016-772.03.03/04.02 '*Education and information campaigns on the waste management issues*' aims to design and implement public awareness and information campaigns concerning: selective collection of waste packaging, waste oil and used batteries, collection and recycling used tyres, collection of bulky waste, to prepare and deliver seminars, workshops and training sessions for the stakeholders.

**Phare 2004** project RO 2004/016 - 772.03.03/04.03 '*Waste from Electrical and Electronic Equipment (WEEE) Directive implementation*' aims to strengthen capacity and capabilities at the local/regional and central level for the enforcement of the environmental legislation on waste within the appropriate legal framework for ensuring the full implementation of the Waste from Electrical and Electronic Equipment (WEEE) Directive. It also aims to estimate the costs, treatment possibilities and necessary action regarding the WEEE management.

**Phare 2005** project PHARE/2005/017-553.03.03/04.05 '*Assistance in the preparation for compliance with provisions regarding temporary storage of waste*' aims to enhance the institutional capacities of the Romanian environmental structures to prepare appropriate solutions (guidelines) for temporary storage of hazardous and non-hazardous waste so that, waste management legislation to become compliant with the EU provisions in this matter.

**Phare 2005** project PHARE/2005/017-553.03.03/04.06 '*Assistance in promoting solutions regarding recycling and use of recycled materials from End-of-Life Vehicles*' envisages enhancing technical and practical capacities of the Romanian environmental authorities to implement and enforce waste management legislation by promoting solutions regarding recycling and use of recycled materials from End-of-Life Vehicles.

'**The study on Master Plan for Hazardous Waste Management in Romania**' developed with the assistance of JICA has as main objective strengthening the hazardous waste management system in Romania at both governmental and private level.

## **MEDICAL WASTE**

'**Environmental audit concerning healthcare waste management**' in the following hospitals: Interdepartmental Hospital-Bucharest, Salaj District Hospital-Zalau, "Sfantul Ioan" Clinical Hospital-Bucharest, "Victor Gomoiu" Pediatric Hospital-Bucharest, "Sfanta Maria" Clinical Hospital-Bucharest, "Coltea" Clinical Hospital-Bucharest, "Marie Curie Sklodowska" Paediatric

Hospital-Bucharest, “Tunari” Pneumology Hospital-Bucharest, Pitesti Paediatric Hospital, Pitesti District Hospital, Pitesti TBC Hospital, Arges. (1997-1998)

**Results:** The study is considered the starting point for the national data base structure on healthcare waste management. The evaluated medical waste quantities set-up reference values for accuracy level of the data collected by Romanian sanitary units.

- ***‘RELANSIN National Program 'Medical wastes management – final disposal solutions’.*** The project started in 2001 and was finalized in 2003. It was developed in collaboration with the following institutes: ICPET Cercetare SA, Institute of Public Health Bucharest, SC Ecologing SRL, SC Ecologing Microproductie Bucharest.

**Results:** The final report of the project presents healthcare waste management stages: generation, collection at source, packaging, temporary storage, transport and final disposal. A significant part of the project was focused on final disposal methods of the hazardous medical wastes.

- ***Project ‘Healthcare waste management in Bucharest’s hospitals’.*** The technical assistance project was initiated by the Ministry of Health and financed by the Flemish Government and PHARE-EUROPA Project. It was developed on the collaboration between Flemish experts, specialists from the Institute of Public Health Bucharest, Ministry of Environment and medical units personnel. The project started in 2001 and finalized in 2003. The main objectives of the project were: harmonization of the healthcare waste legislation with a European Union legislation and WHO Recommendations; improvement of the healthcare waste management system in Bucharest hospitals; recommendations concerning the final disposal of hazardous healthcare wastes.

**Results:** The first stage of the project was based on the evaluation of the actual situation of medical waste in a several hospitals from Bucharest. As a result, the Ministry of Health and Family selected 3 pilot hospitals: Emergency University Hospital, “Bagdazar” Neurosurgery Hospital and “St. Pantelimon” Clinical Hospital. In the frame of the project, in pilot hospitals were established team-works for coordinate the healthcare waste management activity. The 3 pilot hospitals were visited periodically by the Romanian and Flemish specialists in order to observe the improvements or difficult issues in healthcare waste management implementation. The healthcare management system developed in 3 pilot hospitals was improved. For the medical staff sensitivity, Romanian and Flemish specialists created posters concerning the applying of a suitable waste management system. The 3 pilot hospitals presented a priorities list with necessary equipments (holders, containers, treatment trolleys) for the internal medical waste management. The equipments were acquired by PHARE Europe funds.

### ***IPPC and RISK MANAGEMENT***

Under **Phare 1998 Programme** *‘Strengthening the Institutional and Administrative Capacity to Manage Environmental Policy in Romania in conformity with the Acquis Communautaire’* a TA component was developed focussed on the transposition of the IPPC Directive.

Under **Phare 1999 Programme**, the component *‘Pre-accession impact studies’* performed by the European Institute in Romania developed the study *‘Impact on EU environmental acquis on selected industrial sectors in Romania’*. The study presents the costs and benefits associated with the transposition of the environmental *Acquis* in five economic sectors: energy, mining, chemicals and petrochemicals, iron and steel, and building materials, namely the two directives that have the largest cost impact on these five sectors: 88/609 – Large Combustion Plants and 96/61 – IPPC.

Under the **Phare 2000 Programme** '*Implementation of the Environmental Acquis*' the twinning project developed an environmental strategy with particular reference to financial mechanism. Implementation programme and cost assessment for the 9 selected directives have been developed. One of the 9 selected directives was 96/61 – IPPC Directive.

The project '*Assistance for the implementation of the Environmental Impact Assessment (EIA) Directive*' developed activities related to the Council Directive 85/337/EEC amended by Council Directive 97/11/EC in close cooperation with the IPPC Directive.

**Phare Multi-country** project '*Capacity Building in Implementation of the Environmental Acquis at the Local and regional Level*' aims to strengthen the capacity among regional and local authorities through training of employees dealing with Environmental Impact Assessment (EIA) and Integrated Pollution Prevention and Control (IPPC).

Under the **Phare 2001 Programme**, the project '*Assistance for the implementation of the IPPC Directive*' will develop: norms and guidelines for industrial sectors (classified according to the Annex I of the IPPC Directive) to be used in the inspection activities within the EPAs (e.g. for steel industry and chemical industry); manual guide concerning the control methods; pilot implementation on 2 plants; equipment acquisition for 10 selected EPAs to support the integrated control activity.

Under **Phare CBC** projects such as '*Joint Air Quality Monitoring System on the Romanian-Bulgarian Boundary Towns on Lower Danube*' and '*Protection of wetlands of the Danube*' Calarasi, Giurgiu, Teleorman and Giurgiu EPAs were equipped with the proper monitoring equipment.

Under **Phare 2002 Programme** the '*Twinning to assist Romania in the implementation of the VOCs, LCP and Seveso II Directives*' has the following guaranteed results: an inventory of the installations falling under the provisions of these Directives; register of transferred and emitted pollutants, according to the VOC, LCP and SEVESO II Directives provisions.

**Phare 2004** project **RO 2004/IB/EN/04** '*Implementation and enforcement of the environmental Acquis focussed on IPPC*'- **REPA Craiova** will perform the following activities in the focused area:

- To elaborate national guidelines on best available techniques, particularly for the sectors where BREFs are not yet available, as follow:
  - Installations for the disposal or recovery of hazardous waste as defined in the relevant legislation for waste, including that for the disposal of waste oil, with a capacity exceeding 10 tonnes per day;
  - Landfills receiving more than 10 tonnes per day or with a total capacity exceeding 25000 tonnes, excluding landfills of inert waste.
- To develop methodology and appropriate software for supporting the implementation of the legal requirements regarding EPER, such as: data collection, storage, use and validation, in order to elaborate the register of emitted pollutants;
- To develop the specific guidelines for integrated permitting procedure, compliance control regarding to the intensive rearing of poultry or pigs activities;
- To develop guidelines regarding the appropriate use of waste for incineration or co-incineration in LCP;

- To provide the NEPA with the new developed guidelines/procedures/etc in order to promote and apply these at the national level and, provide training for all other REPAs/LEPAs staff on the guidelines/procedures developed, under the co-ordination of NEPA twining project.

**Phare 2004** project **RO 2004/IB/EN/05 ‘Implementation and enforcement of the environmental Acquis focussed on IPPC and risk management’**- REPA Pitesti will perform the following activities in the focused area:

- To elaborate national guidelines on best available techniques, particularly for the sectors where BREFs are not yet available, as follow:
  - Installations for production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes;
  - Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process where the volume of the treatment vats exceeds 30 m<sup>3</sup>.
- To develop guidelines to establish the locations of new (proposed) SEVESO II installations; the guidelines shall ensure the compliance with the action plans for risk situations and security areas, taking into account the land use planning;
- To develop specific guidelines for compliance inspection of SEVESO II installations, including requested system of recording dangerous and carcinogen substances;
- To elaborate specific programmes and to monitor the volatile organic compounds in compliance with the provisions of EU legislation; to establish control and reporting systems for the quality of organic solvents;
- To provide the NEPA with the new developed guidelines/procedures/etc in order to promote and apply these at the national level and, provide training for all other REPAs/LEPAs staff on the guidelines/procedures developed, under the co-ordination of NEPA twining project.

**Phare 2004** project **RO 2004/016-772.03.03/03.02 ‘Technical assistance to support the integrated permitting process’** aims to achieve the following specific objective:

- Well trained key players within local and regional environmental authorities and other relevant stakeholders involved in the implementation of IPPC Directives for installations that carry out activities listed in Annex I of Directive 96/61/EC, in order to achieve:
  - Better understanding of the steps needed to improve implementation of IPPC Directive, particularly the permitting procedure, compliance checking, monitoring and enforcement, at local and regional level;
  - Providing the key players within local and regional environmental authorities and other relevant stakeholders involved in the implementation of IPPC Directives with the necessary technical assistance, tools, skills and knowledge in order to increase the qualitative outputs related to integrated permits, compliance checking and monitoring actions;
  - Better understanding and identifying the ways to reach compliance with IPPC requirements, at the level of operators.
- Developed relevant procedures that effectively support the implementation of IPPC Directive and the relevant national legislation, such as:
  - Setting up the reporting system according to the provisions of Directive 96/61/EC;
  - Setting up the system to implement the requirements in case of reconsidering and updating the conditions for integrated permits, including for situations of substantial changes in installations;

- Set up the system on elaboration of joint supervision and inspection programs in order to ensure compliance with the conditions required by the integrated environmental permit.

**Phare 2005** project **PHARE/2005/017-553.03.03/03.04** '*Further support for IPPC and LCP Directives Implementation*' aims to strengthen the institutional capacity and the capabilities to implement and enforce the requirements of IPPC (Industrial Pollution Prevention Control) and LCP (Large Combustion Plant) legislation. Public access to environmental information and participation to decision-making process, at the regional level, related the procedure of issuing the environmental integrated permit for activities/installations with trans-boundary impact will be ensured.

### **NUCLEAR SAFETY & RADIATION PROTECTION**

An **EU-PHARE project in 1993** assisted in developing the National Integrated Environmental Monitoring System. The Master Plan for the National Environmental Monitoring System (NEMS) in Romania provides a framework for the further development of environmental monitoring in Romania. Following the recommendations of Phare Master Plan, the following activities were carried out:

- Establishment of national reference laboratory for measurement of radioactivity in the environment – the Environmental Radioactivity Laboratory (ERL-ICIM) - through Governmental Order no. 337/1999
- Development and implementation of quality system according to ISO 17 025 for measurement of radioactivity in the environment under routine and emergency conditions – international accreditation of the national reference laboratory (namely ERL-ICIM) in progress – PHARE project no. RO9804.04.01
- Development of central environmental radioactivity database at ERL by implementation of the EU – Radioactivity Environmental Monitoring database format (REM) with the in-kind guidance of the Environmental and Sustainability Institute, JRC Ispra, Italy
- Development of technical means at ERL for participation in the European Union Radiological Data Exchange Platform (EURDEP) with the in-kind guidance of the Environmental and Sustainability Institute, JRC Ispra, Italy
- Optimisation of NERSN (with respect to monitoring activities and distribution of the NERSN measurement stations over the territory) – project funded by the MoEWM (on-going at ERL)
- Development of rapid methods for assessment of environmental radioactivity under emergency conditions – project funded by the Ministry of Education and Research (on-going at ERL)
- Development and implementation of an automatic system for measurement of air gamma dose rate related to Magurele nuclear facility - project funded jointly by the MoEWM and the Ministry of Research and Education (on-going at ERL and the Nuclear Physics Department of University of Bucharest)

An **EU-PHARE 1999 Multi-Country Project** was implemented by the MoEWM and the Ministry of Administration and Interior. The overall objective of this project was to increase the capability of Romania to respond to any potential nuclear emergency by implementing an environmental radioactivity monitoring system in the Cernavoda NPP area and the Romanian EPZ of the Bulgarian Kozloduy NPP. It shall provide consistent and comprehensive support for the decisions and recommendations for emergency management at local, national and regional level and also for

communication and exchange of information in accordance with bilateral and international agreements.

Under **Phare 2000 Programme**, a Project Preparation Facility (PPF) developed some technical assistance to prepare the **Phare 2003** project, including the elaboration of the Terms of Reference (ToRs). This activity started in early 2002 and was completed in October, 2002.

**Phare 2003** project ***‘The implementation of and adequate environmental radioactivity monitoring and reporting system’*** that has 2 components (technical assistance and investment), aims to attain the following results:

An environmental radioactivity monitoring system at national level compatible and harmonised with EU regulations and radiological surveillance systems;

Capabilities to detect and quantify levels of radioactive contamination in the various elements of the environment under routine and emergency conditions and to provide data that meet the requirements of decision making;

Strengthened ERL (the national reference laboratory and the scientific and technical co-ordinator of the NERSN);

Trained personnel having the expertise to carry out the activities related to the implementation of the up-graded radioactivity monitoring and reporting system.

Trained local trainers who will be able to maintain the know-how, by regularly recycling training sessions.

#### **1.17. 3.6 Lessons learned:**

*See Annex 7 – Lessons learnt*

## 8 4. Institutional Framework

The responsibility for the technical implementation of projects lies with the respective Senior Programming Officer (SPO). The Ministry of Environment and Water Management, as public institution, which is receiving Phare support, has appointed as SPO the General Director of the General Directorate for Management of the Structural Instruments, responsible for technical implementation of investment support and institutional strengthening projects in the respective ministry.

### ***Central Financing and Contracting Unit (CFCU/MPF) as Implementing Agency (IA)***

The Implementing Agencies for Phare projects in the field of environment is The Central Financing and Contracting Unit (CFCU/MPF).

The CFCU has the overall responsibility for the technical, administrative and financial management of the financial assistance granted by the European Union to the Romanian Government in the form of non-reimbursable financial support, in accordance with the provisions of the Financing Memoranda. More specifically, the CFCU is the Implementing Agency/ Contracting Authority, functioning within the Decentralized Implementation System (DIS) of the European financial assistance, authorized to carry out the following administrative and procedural functions:

- Co-ordination of financial resources and expenditures;
- Organization of tenders;
- Management of contracts;
- Management of payments;
- Procurement of goods and services;
- Execution of works and the performance of grant contracts.

### **Cooperation between the Central Finance and Contracting Unit (CFCU) /Ministry of Public Finances, the National Fund and the Ministry of Environment and Water Management as Implementing Authority**

In order to manage the non-reimbursable financial assistance, the CFCU concludes Financial Agreements with the National Fund (NF) – entity acting as Central Treasury which was set up within the Ministry of Public Finance on the basis of The Memorandum of Understanding concluded between the European Commission and the Romanian Government (signed on the 20<sup>th</sup> October 1998, and ratified through Government Decision no. 1011, from 12.09.1999, published in the Romanian Official Journal no.63, from 12.24.1999).

The CFCU performs its activity, working in close co-operation with the Implementing Authorities for PHARE and ISPA – environment projects, nominated within the Financial Memoranda (line Ministries, Governmental agencies, NGO's, town halls, local Councils), as well as with the Delegation of European Commission Delegation in Bucharest (which is responsible for prior approval before the execution / performance – ex-ante control).

The central Governmental environmental structure in Romania is the **Ministry of Environment and Water Management (MEWM)** re-organised at the beginning of 2006 (GD no. 408/2004, published in Romanian Official Journal no. 285/31.03.2004, as amended by GD 1895/2004 published in OJ No. 1075/18.11.2004, GD 308/2005, published in OJ No. 336/21.04.2005 and

**GD 136/2006, published in OJ No. 98/01.02.2006).** The main responsibilities of the ministry relate to the development of environmental strategy, policy and legislation, focussed on the EU approximation.

According to GD 497/2004 as amended by the GD 1179/2004 and GD 128/2006 regarding the establishment of the institutional framework for coordination, implementation and management of structural instruments, MEWM is the Managing Authority for SOP Environment. The Managing Authority for SOP Environment is organized as a general directorate, according to GD 308/2005 and GD 136/2006.

### **The National Environmental Protection Agency (NEPA)**

The national environmental executive structure was set up by the Decision of Government No. 1625 of 23 December 2003 on the establishment, organization and functioning of the NEPA. This was further amended by the recent Governmental Decision No. **459 of 19 May 2005 (OJ No. 462/31.05.2005)** on the institution set-up and the reorganisation of NEPA, REPAs and LEPAs. With this decision REPAs and LEPAs are directly subordinated to the NEPA.

The **National Environmental Protection Agency (NEPA)** represents the national executive level subordinated to the Ministry of Environment and Water Management (MEWM). The main roles are to provide technical and scientific assistance and support to environmental institutions (mainly to the ministry) and to co-ordinate, from a technical point of view, the territorial public authorities for environmental protection at local and regional level, providing the necessary training.

Specific functions of planning approvals and reporting control are also attached to NEPA, together with the development of secondary legislation for implementation and enforcement.

**Other NEPA main responsibilities are: to coordinate the achievement of the sectoral action plans and The National Action Plan for Environmental Protection, to ensure the functioning of National Reference Laboratory for air, waste, noise and vibrations and also for radioactivity, to organize and coordinate the National Integrated Monitoring System.**

### **The Regional Environmental Protection Agencies (REPAs)**

**The Regional Environmental Agencies (REPAs)** have been established in 2003 within the boundaries of the existing development regions. The creation of REPAs reflects the application of the regionalisation approach in the area of environmental protection. It has been considered necessary to create a legal-administrative-institutional framework allowing a new, regional, decision-making system to effectively apply (regionally and locally) environmental legislation. From the very beginning, a strong assumption has been to match the creation of the eight Development Regions with eight Regional Environmental Protection Agencies in order to coordinate the existing county-level environmental agencies (LEPAs) but also effectively cooperate with the regional development agencies.

The REPAs are:

- REPA Bacau, for Region 1 – North-East;
- REPA Galati for Region 2 – South-East;
- REPA Pitesti for Region 3 – South-Muntenia;
- REPA Craiova for Region 4 – South-West;
- REPA Timisoara for Region 5 – West;
- REPA Cluj-Napoca for Region 6 – North-West;

- REPA Sibiu for Region 7 – Centre;
- REPA Bucharest for Region 8 – Bucharest

The 8 **REPAs** have the following main responsibilities: to practice, at regional level, the responsibilities of NEPA, to participate in the elaboration and monitoring process of the Regional Development Plan, to collaborate with the LEPAs for elaborating the synthesis plans and constituting the data-bases at regional level, to coordinate the elaboration and monitoring process of the regional action plans for environmental protection, to manage and spread the environmental information at regional level, in the limit of legal provisions.

For the 9 twinning projects that have as beneficiaries the 8 Regional Protection Agencies (REPAs) and the National Environmental Protection Agency (NEPA), adequate structures, in terms of human resources and technical capacities are in place and operational to sustain specific activities foreseen to be developed within projects. Also, coordination mechanisms support the smooth project implementation, REPAs being under the subordination of NEPA.

Through GD 1895/2004 as amended by the GD 136/2006, **all 8 REPAs** were designated as **Intermediate Bodies** for the **Sectoral Operational Program (SOP) for environmental infrastructure**. These are to undertake on a management agreement basis the responsibilities delegated from the Managing Authority for SOP Environment (MEWM). The necessary structures will be organized within each REPA and will number 168 job-positions by the end of 2006.

The Intermediate Body (from the level of each REPA) is organized as a specific Directorate, coordinated by a Deputy Executive Director. This Directorate reports, directly to Managing Authority for SOP Environment within MEWM. In this way is ensured the separation the two main functions of REPA (IB versus pure environment protection functions at the regional level).

**The Local Environmental Protection Agencies (LEPAs)** - 42 at present, one/each County plus the Danube Delta Biosphere Reserve Administration. The Local EPAs were established originally in 1990, but their responsibilities grew substantially after years. The LEPAs oversee most aspects of environmental enforcement at the local executive level, interfacing too many other county and municipal bodies that run certain of the environmental utilities. The key aspects of the Local EPA control over environmental impacts concern the use of Environmental Authorisations, these including both Environmental Impact Assessments and Integrated Environmental Permitting.

**The National Environmental Guard (NEG)** (GD no. 440/2005 – Official Journal No. 448/26.05.2005) is a specialized body under the subordination of the MEWM - Decision No.136/2006 modifying GD No.408/2004 - for inspection and control, with a specific statute and responsibilities for the implementation of the Government environmental policy. NEG through inspection and control activities ensures the compliance with legal legislation provisions in the field of environmental protection (forestry, fisheries, game, waters, soil, air, biodiversity and industrial pollution control and risk management).

GD 440/2005 on reorganization and functioning of the National Environmental Guard transposed the Parliament and European Council recommendation No. 2001/331/EC on minimum criteria for environmental inspections in the Member States.

**The National Administration “Apele Romane”** has as goal the implementation of the strategy in the field of water management, as the management of the national network for hydrological, hydro-geological and quality measurements of the waters under the public domain.

The National Administration has in its structure 11 river basins and groups of rivers basins, the National Institute of Hydrology and Water Management, the Stanca Costesti exploitation, as other units.

“Apele Romane” implements the national strategy and policy in the field of quantitative and qualitative management of water resources by co-ordinating and responding for the appropriate use of the surface and underground waters for the entire territory of the country.

There are also different institutional structures and management system used to implement the complementary interventions/projects financed by World Bank loans and/or other IFIs.

- For **GEF funded projects**, a Project Management Unit (PMU) has been organized at the level of each project. The monitoring of project implementation is supervised by the GEF Operational Focal Point (General Director – MEWM) and the GEF Political Focal Point (Secretary of State- MEWM).
- For **World Bank a funded project**, a Project Management Unit (PMU) was created. Projects be prepared and implemented by a Co-ordinating Committee (CC which will include ministry officials from relevant ministries) and the Project Management Unit (PMU), which will be a body of experts. The CC should have representation from MoPF, MoEWM, MoTCT, and Ministry of Administration and Interior (MoAI) given their administrative control in the counties.

The Romanian Ministry of Environment and Water Management is annually organizing the **‘Donors’ Coordination Meeting for the Environmental Sector’** who’s aim is to present to financial-assistance donors the environmental sector needs to avoid accidental overlapping that might occur when assistance is received from different sources like EU, World Bank, EBRD, EIB and/or IFIs.

Furthermore, the MoEWM designed, developed and is continuously up-dating a Database containing information/data regarding assistances received from different sources to finance interventions in the environmental protection area.

## 9 5. Detailed Budget

Investment component under 2006 Phare assistance:

	Phare/Pre-Accession Instrument support	Co-financing			Total Cost €M
€M		National Public Funds (*)	Other Sources (**)	Total Co-financing of Project	
<b>Year 2006 - Investment support jointly co funded</b>					
<b>Task 1.21</b>	<b>0.45</b>	<b>0.15</b>	<b>-</b>	<b>0.15</b>	<b>0.60</b>
<b>Task 2.3</b>	<b>1.20</b>	<b>0.40</b>	<b>-</b>	<b>0.40</b>	<b>1.60</b>
<b>Task 3.3</b>	<b>0.90</b>	<b>0.30</b>	<b>-</b>	<b>0.30</b>	<b>1.20</b>
<b>Task 4.9</b>	<b>2.10</b>	<b>0.70</b>	<b>-</b>	<b>0.70</b>	<b>2.80</b>
<b>Task 4.11</b>	<b>0.38</b>	<b>0.13</b>	<b>-</b>	<b>0.13</b>	<b>0.51</b>
<b>Task 6.2</b>	<b>2.25</b>	<b>0.75</b>	<b>-</b>	<b>0.75</b>	<b>3.00</b>
<b>Investment support – sub-total</b>	<b>7.28</b>	<b>2.43</b>	<b>-</b>	<b>2.43</b>	<b>9.71</b>
<i>% of total public funds</i>	<i>75 %</i>	<i>25 %</i>			

\* contributions from National, Regional, Local, Municipal authorities, FIs loans to public entities, funds from public enterprises - Co-financing assured from the National Fund/Romanian Ministry of Public Finance

For the above-mentioned investment projects **the joint co-financing mechanism** will be applied.

	Phare/Pre-Accession Instrument support	Co-financing			Total Cost €M
€M		National Public Funds (*)	Other Sources (**)	Total Co-financing of Project	

<b>Year 2006 - Institution Building support</b>					
<b>Task 1.2</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.4</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.6</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.8</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.10</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.12</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.14</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.16</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.18</b>	<b>0.80</b>	<b>0.04</b>	-	<b>0.04</b>	<b>0.84</b>
<b>Task 1.19</b>	<b>0.60</b>	-	-	-	<b>0.60</b>
<b>Task 1.20</b>	<b>0.70</b>	-	-	-	<b>0.70</b>
<b>Task 3.5</b>	<b>0.90</b>	-	-	-	<b>0.90</b>
<b>Task 4.7</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>Task 4.8</b>	<b>1.20</b>	-	-	-	<b>1.20</b>
<b>Task 4.10</b>	<b>0.30</b>	-	-	-	<b>0.30</b>
<b>Task 5.4</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>Task 5.5</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>Task 5.6</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>Task 6.3</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>Task 6.4</b>	<b>1.00</b>	-	-	-	<b>1.00</b>
<b>IB support</b>	<b>16.90</b>	<b>0.36</b>	-	<b>0.36</b>	<b>17.26</b>

**Tota**

**24.18**

**2.79**

**2.79**

**26.97**

*\*\* contributions form National, Regional, Local, Municipal authorities, FIs loans to public entities, funds from public enterprises - **Provided by MEWM's budget***

## 10 6. Implementation Arrangements

### 1.18. 6.1 Implementing Agency

**The Implementing Agency** is the **Central Finance and Contracting Unit (CFCU)** within the Ministry Public Finance, which retains overall responsibility for the general, financial and administrative management of the project implementation including, contracting, managing the contracts, checking the invoices, payments, monitoring and reporting to NF and EC.

Central Financing and Contracting Unit (CFCU)  
Ministry of Public Finances  
44, Mircea Voda Street, Bucharest 3, Romania  
Phone: (0040-21) 326.87.33/326.55.55 extension 104  
Fax (0040-21) 326.87.30  
e-mail: carmenrosu@[cfcu.ro](mailto:carmenrosu@cfcu.ro)

Contact person  
Mrs. Carmen ROSU, Director, PAO  
Phone: (0040-21) 326.87.33/326.55.55 extension 104  
e-mail: carmenrosu@[cfcu.ro](mailto:carmenrosu@cfcu.ro)

**The Implementing Authority** is the **Ministry of Environment and Water Management (MEWM)**, which retains overall responsibility regarding technical aspects of the project implementation and the financial responsibility for providing parallel co-financing from the state budget.

Contact person  
**Liliana CHIRILA, Director, DSPO**  
Phone/Fax: (0040 -021) 300.77.77  
e-mail: [liliana.chirila@mmediu.ro](mailto:liliana.chirila@mmediu.ro)

### 1.19. 6.2 Twinning(s)

#### **The 9 Twinning projects (Tasks 1.2 -> 1.18)**

The Implementing Authority will be the Ministry of Environment and Water Management (MEWM).

The MEWM is responsible for the operational management of the projects:

- Preparation of the Twinning project fiches, evaluation of the MS proposals, supervises drafting of the Twinning Contract, signing of the Annex I (Working Plan) and Annex III (Budget) of the Twinning Contract, monitoring the implementation, approvals of the invoices for payments to be forwarded to Implementing Agency/ Financing Unit (CFCU).

### **Task 1.2 (TW)**

The **Beneficiary** of the twinning project is **REPA Cluj-Napoca**

Contact person

**Mr. Marian PROOROCU, Executive Director**

Phone: (0040-0234) 41.07.20; Fax: (0040-0234) 41.07.16

e-mail: [office@arpmnv6.ro](mailto:office@arpmnv6.ro)

### **Task 1.4 (TW)**

The **Beneficiary** of the twinning project is **REPA Sibiu**

Contact person

**Mr. Dumitru UNGUREANU, Executive Director**

Phone: (40-269) 44.41.45

e-mail: [ipmsibiu@ipmsb.ro](mailto:ipmsibiu@ipmsb.ro)

### **Task 1.6 (TW)**

The **Beneficiary** of the twinning project is **REPA Timisora**

Contact person

**Mrs. Gabriela Mariana LAMBRINO, Executive Director**

Phone: (0040-256) 49.18.44/ 49.17.95

e-mail: [office@arpmv5.ro](mailto:office@arpmv5.ro)

### **Task 1.8 (TW)**

The **Beneficiary** of the twinning project is **REPA Craiova**

Contact person

**Mrs. Monica MATEESCU, Executive Directors**

Phone/Fax: (0040-0251) 41.90.35

e-mail: [arpmcraiova@rdscv.ro](mailto:arpmcraiova@rdscv.ro)

### **Task 1.10 (TW)**

The **Beneficiary** of the twinning project is **REPA Pitesti**

Contact person

**Mr. Marius STANCA, Executive Director**

Phone: (0040-248) 21.30.99; Fax: (0040-248) 21.32.00

e-mail: [office@arpm3.ro](mailto:office@arpm3.ro)

### **Task 1.12 (TW)**

The **Beneficiary** of the twinning project is **REPA Bacau**

Contact person

**Mr. Iulian Ionel MOVILA**

Phone: (0040-234) 52.46.91; Fax: (0040-234)57.10.56

e-mail: [office@arpmbc.ro](mailto:office@arpmbc.ro) / [movila@arpmbc.ro](mailto:movila@arpmbc.ro)

#### **Task 1.14 (TW)**

The **Beneficiary** of the twinning project is **REPA Galati**

Contact person

**Mrs. Carmen SANDU**

Phone: (0040-236) 46.00.49; Fax: (0040-236)47.10.09

e-mail: [mediu@arpmgl.ro](mailto:mediu@arpmgl.ro)

#### **Task 1.16 (TW)**

The **Beneficiary** of the twinning project is **REPA Bucharest**

Contact person

**Mrs. Mihaela Simona SĂCEANU, Executive Director**

Phone: (0040-21) 490.61.76; (0040-21) 490.61.77

e-mail: [bucur@mappm.ro](mailto:bucur@mappm.ro); [office@arpmb.ro](mailto:office@arpmb.ro)

#### **Task 1.18 (TW)**

The **Beneficiary** of the twinning project is **NEPA**

Contact person

**Mr. Ioan GHERHEȘ, President**

Aleea Lacul Morii nr.151, Sector 6

Phone: (40-21) 207.11.01

e-mail: [ioan.gherhes@anpm.ro](mailto:ioan.gherhes@anpm.ro)

6.3 Non-standard aspects

*PRAG or own National Procurement Rules – following EDIS accreditation - will be strictly followed.*

### **1.20. 6.4 Contracts**

The expected number of Contracts to be concluded is given below:

#### **9 Twinning Contracts**

Total budget allocated: 9.46 MEuro (8.95MEuro Phare)

#### **6 Investment Contracts**

Total budget allocated: 9.71 MEuro (7.28MEuro Phare)

## **11 Technical Assistance Contracts**

Total budget allocated: 17.26 MEuro (16.90 MEuro Phare)



## **12 7. Implementation Schedule**

### **PROJECT 1**

#### **Tasks 1.2 →1.18 (TWs)**

For the 9 twinning projects the Contracts will be elaborated in partnership during the three months period after notification of the Member State partner. The preparation of the Draft Contract will be a common work of the staff from MEWM, NEPA, REPAs and the chosen Member State's staff.

#### **Task 1.19 (TA)**

MEWM together with NEG are responsible for the operational management of the project and Terms of Reference elaboration/Tender Dossier.

#### **Task 1.20 (TA)**

MEWM together with NEPA are responsible for the operational management of the project and Terms of Reference/Tender Dossier elaboration.

#### **Task 1.21 (INV)**

MEWM together with NEPA are responsible for the operational management of the project and Technical Specifications/Tender Dossier.

### **PROJECT 2**

#### **Task 2.3 (INV)**

*MEWM together with NEPA are responsible for the operational management of the project and Technical Specifications/Tender Dossier prepared by a PPF-Phare 2003 – RO 2003/005-551.03.03.01 'Technical assistance to implementation of an adequate noise monitoring system in urban regions according with EU requirements in this field'.*

### **PROJECT 3**

#### **Task 3.3 (INV)**

*MEWM is responsible for the operational management of the project and the preparation of the Technical Specifications/Tender Dossier prepared under Phare 2004 twinning project - RO 2004/IB/EN/01- 'Implementation and enforcement of the environmental Acquis focused on air quality'.*

#### **Task 3.5 (TA)**

*MEWM is responsible for the operational management of the project and the preparation of the Terms of Reference/Tender Dossier.*

### **PROJECT 4**

#### **Task 4.7(TA)**

*MEWM and NEPA are responsible for the operational management of the project and preparation of the Terms of Reference/Tender Dossier.*

#### **Task 4.8 (TA)**

*Ministry of Health (MoH) is responsible for the operational management of the project and preparation of the Terms of Reference/Tender Dossier.*

**Task 4.9 (INV)**

*Ministry of Health (MoH) is responsible for the operational management of the project and preparation of the Technical Specifications /Tender Dossier.*

**Task 4.10 (TA)**

*Ministry of Economy and Trade (MoET) is responsible for the operational management of the project and preparation of the Terms of Reference/Tender Dossier.*

**Task 4.11 (INV)**

*Ministry of Economy and Trade (MoET) is responsible for the operational management of the project and preparation of the Technical Specifications /Tender Dossier for the*

**PROJECT 5**

*MEWM and NAAR are responsible for the operational management of the project and preparation of the Terms of Reference/Tender Dossier for the **Task 5.4, Task 5.5 and Task 5.6 (3TAs).***

**PROJECT 6**

*MEWM and NEPA are responsible for the overall operational management of the project and preparation of the Technical Specifications for the **Task 6.2(INV)** and Terms of Reference/Tender Dossier for the **Task 6.3 and Task 6.4 (2TA).***

**1.21. 7.1 Start of tendering/call for proposals**

For 2006, year 3 of the 2004-2006 Phare Multiannual programming, a ‘**Detailed Implementation Chart**’ is given in **Annex 2**.

Start of Tendering/Call of proposals for Twinning/Technical Assistance/Investment Contracts:  
**December 2006**

**1.22. 7.2 Start of project activity**

For 2006, year 3 of the 2004-2006 Phare Multiannual programming exercise, a ‘**Detailed Implementation Chart**’ is given in **Annex 2**.

Activities within Phare projects are foreseen to start as follows:

- Twinning projects: December 2007
- *Technical Assistance projects: January 2007*
- *Investment projects: July 2007*

### 1.23. 7.3 Project completion

For 2006, year 3 of the 2004-2006 Phare Multiannual programming exercise, a **'Detailed Implementation Chart'** is given in **Annex 2**.

The expected date of last payment under last Contract is foreseen for November 30<sup>th</sup>, 2009.

## **13 8. Equal Opportunity**

Equal opportunity for men and women to participate in all the components of the project will be ensured. The Implementing Authority will develop parameters to monitor the ongoing equal opportunity to participate in the projects, and where unequal opportunity for participation is observed, will take necessary and appropriate actions.

## **14 9. Environment**

The programme has no negative effect on the environment. It will provide the basis for the enforcement of the environmental acquis.



## **16    10. Rates of return**

Not applicable.



## **18 11. Investment criteria**

### **1.24. 11.1 Catalytic effect**

*Without Phare support the envisaged interventions could be implemented only into a much later stage.*

### **1.25. 11.2 Co-financing**

The six investment components will be jointly co-financed between Phare and Government resources. The ratio between the Phare and national amount is also binding and has to be applied to the final contract price. The national joint co-finance contributions will be 25% of the investment projects cost and is provided by the National Fund/MFP.

### **1.26. 11.3 Additionality**

No other sources of funding will be displaced by the Phare intervention.

### **1.27. 11.4 Project readiness and size**

Investment projects comply with Phare readiness and size criteria:

- Project 1/Task 1.21 (INV) - 'Equipment acquisition for the National Environmental Training Centre', together with NEPA, the Beneficiary of the project, up till end of 2006, Technical Specification and associated tender dossier documents will be prepared;
- Project 2/ Task 2.3 (INV) – 'Equipment acquisition for noise monitoring system' - a Project Preparation Facility (PPF) under Phare 2003 – RO 2003/005-551.03.03.01 *'Technical assistance to implementation of an adequate noise monitoring system in urban regions according with EU requirements in this field'* prepared the Technical specification and corresponding Tender Dossier documents;
- Project 3/Task 3.3 (INV) - 'Equipment acquisition for the regional air quality monitoring network'

The Technical Specification and Tender Dossier for above-mentioned project is prepared under Phare 2004 twinning project RO 2004/IB/EN/01 *'Implementation and enforcement of the environmental Acquis focussed on air quality'* – REPA Cluj;

- Project 6/Task 6.2 – *'Investment support for implementation Natura 2000 Network'* – the Phare 2004 technical assistance will prepare Technical Specification and Tender Dossier.

*There are other projects that develop assessment of needs/design and preparatory work for procurement documents.*

### **1.28. 11.5 Sustainability**

Relevant government measures ensure sustainability. All participating institutions are in a position that allows them to receive and utilise technical assistance and to operate efficiently the equipment to be procured under the proposed project.

For all six-investment projects, co-financing is assured from the Romanian National Fund/ Ministry of Public Finance; also will be insured appropriate staff and financial resources for proper operating the equipment purchased within the projects.

**1.29. 11.6 Compliance with state aids provisions**

The projects comply with the state aids provisions since they do not finance any private entity.



## 20 12. Conditionality and sequencing

### Conditionality:

- All Phare projects require the full commitment and participation of the senior management of the beneficiary institutions (MEWM, NEPA, REPAs, LEPAs and NEG). In addition to providing the twinning partner with adequate staff and other resources to operate effectively, the senior management must be fully involved in the development and implementation of the policies and institutional change required delivering the projects results;
- MEWM, NEPA, REPAs, LEPAs and NEG will provide the necessary resources for smooth implementation of the twinning project;
- MEWM undertakes to finance any additional costs, which may arise in order to ensure timely completion of the projects.
- *For the investment project, MEWM will ensure appropriate staff and financial resources for proper operating/maintenance of the equipment purchased within the projects.*

### Sequencing:

- *The projects (technical assistances, twinning and investments) to be financed under 2006 Phare programming exercise represents a continuation of the previous years 2004 and 2005 and also part of the 2004-2006 multiannual Phare programme for Environment;*
- *Phase II of the twinning projects, part of the 2006 Phare programming exercise, has been conceived on mandatory results to be obtained under twinning phase I developed under 2004 Phare programming exercise.*

### ANNEXES TO PROJECT FICHE

1. Logframe in standard format; sector monitoring sheet
2. Detailed implementation chart
3. Contracting and disbursement schedule, by quarter, for full duration of project (including disbursement period)
4. Reference list of feasibility/pre-feasibility studies
5. Reference list of relevant laws and regulations
6. Reference list of relevant strategic plans and studies
7. Lessons learnt

## Logical Framework

LOGFRAME PLANNING MATRIX FOR PROJECT 2		Programme name and number	PHARE 2006/018-147.03.03
STRENGTHENING INSTITUTIONAL CAPACITY TO IMPLEMENT HORIZONTAL AND NOISE RELATED LEGISLATION		Contracting period expires  30/11/2008	Disbursement period expires  30/11/2009
		Total budget: 1.60 MEUR	Phare budget: 1.20 MEUR
Overall objective	Relates to Copenhagen criterion and Acquis chapter	List of other projects with same objective	
Strengthening the institutional capacity of legally designated authorities responsible for environmental protection sector to implement and enforce the environmental acquis focused on horizontal and noise related legislation	Romania's negotiations on Chapter 22 - Environment	<ul style="list-style-type: none"> <li>• <b><u>1992 – 1993 Phare project</u></b> Master Plan for Environment, chapter “Extending monitoring to the new sectors”;</li> <li>• <b><u>PPF 2003</u></b> <b><u>RO 2003/005-551.03.03.01</u></b> “The implementation of an adequate noise monitoring system in urban regions according with UE requirements in this field “;</li> <li>• <b><u>Phare RO 2004/016-772.03.03/02.03</u></b> “Strengthening Institutional Capacity for Noise Directive</li> </ul>	

		Implementation” – REPA Bucharest;	
Project purpose	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<p>The project aims to support the environmental protection authorities in order to develop a National Noise Monitoring System and further to improve its technical capacities and staff capabilities to implement and enforce the EU noise-related legislation.</p> <p>To be achieved through the implementation of task 2.3.</p>	<ul style="list-style-type: none"> <li>• Number of structures that improved their technical capabilities in terms of equipment investment shape versus endowing level before investment is done;</li> <li>• Number of staff that improved technical/professional competences related to noise monitoring;</li> <li>• Improvement of quality and quality of environment-noise indicators that will be monitorized, in compliance with national legislation and EU information exchange requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Program evaluation reports;</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees;</li> <li>• Reports prepared for Joint Monitoring Committee (JMC);</li> <li>• Regular reports of international environmental cooperative programmes;</li> <li>• Position Paper on chapter 22.</li> </ul>	<ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate recruitment and regularly training of personnel, able to perform noise analysis and related data management;</li> <li>• Successful implementation of activities of the <u>2003 - PPF “The implementation of an adequate noise monitoring system in urban regions according with UE requirements in this field “</u> and of the <u>2004 Phare technical</u></li> </ul>

			assistance_____ (Task 2.2):“ <i>Strengthening Institutional Capacity for Noise Directives Implementation</i> ”.
Results	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<p>Results fulfilling the overall purpose:</p> <p><b><u>Results Task 2.3</u></b></p> <ul style="list-style-type: none"> <li>• Equipment for noise measurements and data acquisition, storage and transmission purchased and operational;</li> <li>• Adequate software to set up the national data base purchased and operational;</li> <li>• Staff trained in operating the equipment and software purchased.</li> </ul>	<p><b><u>OVI Task 2.3</u></b></p> <ul style="list-style-type: none"> <li>• Type and quantity of metrological certified equipment and associated database that is installed and fully operational in all established locations/ delivery implementation chart provided by Contractor during project lifetime;</li> <li>• Number of training courses delivered/number staff trained;</li> <li>• Quality of the courses proved by feedback evaluation questionnaires received from trainees;</li> <li>• Number of graduation certificates issued.</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly Technical Progress Reports (TPRs);</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• TA project reports (inception/quarterly/final) and documentation;</li> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit’s Monthly Meeting;</li> <li>• Minutes of the weekly Working-Meeting developed acc. to EDIS procedures’ requirements;</li> <li>• Single Monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of beneficiary organizations for training component is obvious;</li> <li>• Trained staff will continue activities at respective institutions.</li> </ul>

		Information System (SMIS).	
<b>Activities</b>	<b>Means</b>		<b>Assumptions</b>
<u><b>Activities Task 2.3</b></u> <ul style="list-style-type: none"> <li>•To procure the noise monitoring equipment according to Technical Specification requirements and following EU PRAG procurement rules;</li> <li>•To install the noise monitoring equipment and testing its operation parameters;</li> <li>•To train the staff involved in daily use of the noise monitoring equipment.</li> </ul>	<u><b>Means Task 2.3</b></u> <ul style="list-style-type: none"> <li>• One Supply Contract for 9 months;</li> </ul>		<ul style="list-style-type: none"> <li>• The monitoring equipment for noise measurements will be purchased in accordance with the Technical Specifications for equipment acquisition provided by the PPF technical support.</li> <li>• Sufficient staff with necessary basic qualification is made available;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> </ul> <p>Qualified experts identified and mobilized rapidly.</p>

## LOGICAL FRAMEWORK

LOGFRAME PLANNING MATRIX FOR PROJECT 3		Programme name and number	PHARE 2006/018-147.03.03
<b>STRENGTHENING INSTITUTIONAL CAPACITY OF IMPLEMENTATION AND ENFORCEMENT THE IPPC AND AIR QUALITY LEGISLATION</b>		Contracting period expires:  30/11/2008	Disbursement period expires:  30/11/2009
		Total budget: 2.10 MEUR	Phare budget: 1.80 MEUR
Overall objective	Relates to Copenhagen criterion and Acquis chapter	List of other projects with same objective	
Strengthening institutional capacity to implement and enforce the environmental acquis focused on air quality, IPPC & risk management; support to authorities to become compliant with EU requirements concerning climate changes.	Romania's Negotiations on Chapter 22 - Environment	<ul style="list-style-type: none"> <li>• <b>Phare 1993</b> - The Master Plan for the National Environmental Monitoring System in Romania;</li> <li>• <b>Danish TA, 1999</b> - Sectoral Approximation Strategy for Air and Climate Change in Romania;</li> <li>• <b>USAID TA</b> – “Strengthening the capacity of the air quality monitoring”;</li> <li>• <b>Phare CBC 1999</b> – “Joint Air Quality Monitoring System on the Romanian-Bulgarian Boundary Towns on Lower Danube”;</li> <li>• <b>Phare 2000</b> - Pilot local Investment project in the EPA Bucharest for air quality monitoring;</li> <li>• <b>Danish TA, 2002-2003</b> ‘Support to central environmental authority for the transposition of the EU Directives in the air</li> </ul>	

		<p>quality field';</p> <ul style="list-style-type: none"> <li>• <b>Phare 2002</b> - (RO 2002/000-586.04.12.03) - Improvement of the National Air Quality Monitoring Network;</li> <li>• <b>Phare CBC 2003</b> Development of an Air Quality Management Programme for the Romania region along the Bulgarian border, on lower Danube river;</li> <li>• <b>Phare 2004/IB/EN/01</b> Implementation and enforcement of the environmental Acquis focussed on air quality – REPA Cluj (TW);</li> <li>• Project <b><u>“Prevention of Natural Disasters Generated by Flooding and Air Pollution Monitoring”</u></b> - financial assistance of the Council of Europe Development Bank (CEDB).</li> </ul>	
<b>Project purpose</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
Strengthening institutional capacity and capabilities to implement and enforce the requirements of the air quality legislation by endowing laboratories with air monitoring equipment and to comply with EU monitoring and	<ul style="list-style-type: none"> <li>• Improvement of air quality indicators that can be monitorized after laboratories' endowment/ old number of air quality indicators;</li> <li>• Increase technical capabilities of staff from REPA Cluj and its subordinated LEPAs, able to</li> </ul>	<ul style="list-style-type: none"> <li>• Program evaluation reports; Monitoring Reports prepared for Sector Monitoring Sub-Committees (SMSC);</li> <li>• Reports prepared for Joint Monitoring Committee (JMC);</li> <li>• Regular reports of international</li> </ul>	<ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data</li> </ul>

<p>reporting requirements regarding carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions.</p> <p>To be achieved through the implementation of tasks 3.3. and 3.5.</p>	<p>operate the purchased air monitoring equipment and to perform analysis at European standards after training was delivered;</p> <p>Improvement of the National Greenhouse (GHGs) Inventory using the newest anthropogenic emissions assessment and introducing additional emission factors to calculate its value in different sectors and fields of activity;</p> <ul style="list-style-type: none"> <li>Improvement of professional competencies of personnel working in the climate change sector at central and local level;</li> <li>Effective and efficient public information and awareness rising activities.</li> </ul>	<p>environmental cooperative programmes;</p> <ul style="list-style-type: none"> <li>Position Paper on chapter 22.</li> </ul>	<p>interpretation is recruited and regularly trained;</p> <ul style="list-style-type: none"> <li>Successful implementation of Tasks no.3.1 and 3.2, of the 2004 Phare project "Strengthening Institutional Capacity for the Implementation and Enforcement of IPPC and Air Quality legislation".</li> </ul>
<b>Results</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p>Results fulfilling the overall purpose:</p> <p><b><u>Results Task 3.3</u></b></p> <ul style="list-style-type: none"> <li>The regional air quality monitoring equipment delivered, installed, tested and full operational;</li> <li>Procedures, techniques and equipment operation manuals/</li> </ul>	<p><b><u>OVI Task 3.3</u></b></p> <ul style="list-style-type: none"> <li>Number of equipment delivered and fully operational in time;</li> <li>Number of procedures, techniques and</li> </ul>	<ul style="list-style-type: none"> <li>Monthly Technical Progress Reports (TPRs);</li> <li>Training reports;</li> <li>Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>TA project reports</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal and transparent co-operation between key stakeholders;</li> <li>Interest of beneficiary organizations for training component is obvious;</li> <li>Trained staff will continue activities at respective</li> </ul>

<p>documentation delivered;</p> <ul style="list-style-type: none"> <li>• Staff adequate trained in operating delivered equipment.</li> </ul> <p><b>Results Task 3.5</b></p> <ul style="list-style-type: none"> <li>• The national system for the assessment of the anthropogenic emissions at sources and sequestration of greenhouse gas emissions improved;</li> <li>• More national emission factors and national methods for calculation of emission values in different sectors and activities defined and approved based on thorough research;</li> <li>• National emission factors and methods for calculation of emission values from various fields of activity, especially for key categories and activities in the energy, agriculture and land use change and forestry sectors approved and used in the coming submissions of inventories;</li> <li>• The national GHG inventory improved;</li> <li>• The personnel working in the climate change sector at central and local level trained;</li> <li>• Training, information and awareness rising for the public delivered.</li> </ul>	<p>manuals/documentation delivered to authorities up to project's end.</p> <p><b>OVI Task 3.5</b></p> <ul style="list-style-type: none"> <li>• Number of national emission factors that can be gathered and are effective in calculation emission's values established /Total number of emission factors that theoretically can be taken into consideration in calculation emission values;</li> <li>• Number of national methods for calculation emission values in different sectors and activities defined by Consultant and approved by Beneficiary during project implementation;</li> <li>• Number of training courses held and staff trained during project implementation by Consultant; quality assessed by graduation-certificated issued/no. staff attending courses;</li> <li>• Number and impact of public information and awareness activities (debates/ web-site visitors, press releases, brochures issued, a.s.o).</li> </ul>	<p>(inception/quarterly/final) and documentation;</p> <ul style="list-style-type: none"> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit's Monthly Meeting;</li> <li>• Minutes of the weekly Working-Meeting developed acc. to EDIS procedures' requirements;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul>	<p>institutions;</p>
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Activities	Means		Assumptions
<p><b><u>Activities Task 3.3</u></b></p> <ul style="list-style-type: none"> <li>Acquisition of monitoring equipment according to Technical Specifications and following PRAG procurement rules for Phare related investments;</li> <li>Certification of equipment by national metrological authorities;</li> <li>Installation and testing procedures of equipment;</li> <li>On-the-job training of staff involved in daily/regular operation of the purchased equipment.</li> </ul> <p><b><u>Activities Task 3.5</u></b></p> <p>The improvement of the national system for the assessment of the anthropogenic emissions at sources and sequestration by sinks of greenhouse gas emissions;</p> <p>Researching and introducing more national emission factors and national methods for calculation of emission values in different sectors and activities;</p> <p>Approving national emission factors and methods for calculation of emission values from various fields of activity, especially for key categories and activities in the</p>	<p><b><u>Means Task 3.3</u></b></p> <ul style="list-style-type: none"> <li>One Supply Contract for 9 months;</li> </ul> <p><b><u>Means Task 3.5</u></b></p> <ul style="list-style-type: none"> <li>One Service Contract for 18 months;</li> </ul>		<ul style="list-style-type: none"> <li>Sufficient staff with necessary basic qualification available;</li> <li>Equipment is delivered in due-time and ensures desired sensitivity levels to monitoring air quality parameters;</li> <li>Good communication/ collaboration between Contractor/ equipment Supplier and beneficiaries;</li> <li>Know-how transfer is ensured by qualified experts assigned by Contractor according to his Working Plan/Strategy;</li> <li>Staff turnover is limited;</li> <li>Training is successfully carried out;</li> <li>Qualified experts identified and rapidly mobilized.</li> </ul>

<p>energy, agriculture and land use change and forestry sectors and using the new values for the coming submissions of inventories;</p> <p>The improvement of the national greenhouse gas inventory;</p> <p>Providing training, information and awareness raising for the public;</p> <p>Delivery of training for personnel working in the climate change sector at central and local level.</p>			
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## Logical Framework

<b>LOGFRAME PLANNING MATRIX FOR PROJECT 4</b>	Programme name and number	<b>PHARE 2006/018-147.03.03</b>
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<p>21</p> <p>22 <b>FURTHER IMPLEMENTATION OF WASTE MANAGEMENT LEGISLATION</b></p>	<p>Contracting period expires</p> <p><b>30/11/2008</b></p> <p><b>1.30. Total budget: 5.800 MEUR</b></p>	<p>Disbursement period expires</p> <p><b>30/11/2009</b></p> <p><i>1.30.1. Phare budget: 2.475MEUR</i></p>
Overall objective	Objectively Verifiable Indicators	Sources of Verification
<p>Strengthening institutional capacity to implement and enforce the environmental acquis focused on waste management</p>	<p>Negotiations on Chapter 22 – Environment</p>	<ul style="list-style-type: none"> <li>• <b><u>Phare Twinning project, 1998</u></b> ‘Strengthen the Institutional and Administrative Capacity to Manage Environmental Policy in Romania in conformity with the Acquis Communautaire’;</li> <li>• <b><u>Phare 2000 Programme Twinning project;</u></b> ‘Implementation of the Environmental Acquis’;</li> <li>• <b><u>Phare 2001 Programme</u></b> ‘Twinning to further assists Romania in the transposition and implementation of legislation on Waste Management’;</li> <li>• <b><u>Phare 2001 RO 0107.15.03 –</u></b></li> </ul>

		<p>‘Environmental Cost Assessment and Investment Plans’;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 2003</u></b> - ‘Economic and Social Cohesion’ - two IB components and one investment component, as follows: <ul style="list-style-type: none"> <li>• Twinning to support Ministry of Environment and Water Management (MoEWM) in preparation of the multi-annual programming scheme under ESC;</li> <li>• Technical Assistance to support the implementation of the waste management investment/infrastructure projects under ESC;</li> <li>• Small-scale waste management investment scheme.</li> </ul> </li> <li>• <b><u>2004-2006, Phare ESC</u></b> programme;</li> <li>• <b><u>Phare 2004 - RO 2004/IB/EN/06</u></b></li> </ul> <p>‘Implementation and</p>
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		<p>enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau' – phase I;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004 - RO</u></b> 2004/IB/EN/07</li> </ul> <p>'Implementation and enforcement of the environmental Acquis focussed on industrial waste management - REPA Galati – phase I;</p> <ul style="list-style-type: none"> <li>• <b><u>ISPA projects</u></b> - „Piatra Neamt Waste Management programme in Romania” and „Integrated municipal waste management system in Ramnicu Valcea”;</li> <li>• <b><u>JICA project</u></b> - „The study on Master Plan for Hazardous Waste Management in Romania” .</li> </ul> <p><b><u>PHARE/2005/017-553.03.03/04.05</u></b> “Assistance in the preparation for compliance with provisions regarding temporary storage of waste”</p> <p><b><u>PHARE/2005/017-</u></b></p>
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		<b>553.03.03/04.06</b> “Assistance in promoting solutions regarding recycling and use of recycled materials from End-of-Life Vehicles”	
<b>Project purpose</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p>Project aims to enhance technical and practical capacities of the Romanian joint-responsible authorities (MEWM, MH and MoET) to implement and enforce waste management legislation in the field of historical polluted sites rehabilitation, healthcare hazardous waste treatment and disposal and extractive industry waste management</p> <p>To be achieved through the implementation of tasks 4.7, 4.8, 4.9,4.10 and 4.11</p>	<ul style="list-style-type: none"> <li>• Obvious and measurable progress with the enforcement of the waste management related legislation;</li> <li>• Improved competences in environmental decision-making process;</li> <li>• Institutions involved both in policy making and policy evaluation process are provided with correct and timely information.</li> </ul>	<ul style="list-style-type: none"> <li>• Program evaluation reports;</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees no.9;</li> <li>• Reports prepared for Joint Monitoring Committee (JMC);</li> <li>• Regular reports of international environmental cooperative programmes;</li> <li>• Position Paper on chapter 22;</li> </ul>	<ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data interpretation is recruited and regularly trained.</li> </ul>
<b>Results</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p><b>Task 4.7</b></p> <ul style="list-style-type: none"> <li>• Data collection with the view to develop an inventory of the historical contaminated sites developed;</li> <li>• Database of the historical contaminated sites</li> </ul>	<ul style="list-style-type: none"> <li>• Number of workshops/working-group meetings involving the participation of relevant authorities;</li> <li>• Drafts of RWMPs accepted</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly Technical Progress Reports (TPRs);</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest and proactive reaction of beneficiary</li> </ul>

<p>prepared;</p> <ul style="list-style-type: none"> <li>• Strategy and an action plan for the rehabilitation of historical contaminated sites prepared;</li> <li>• Three investment projects on sites rehabilitation, ready for submission for financing under structural funds.</li> </ul> <p><b>Task 4.8</b></p> <ul style="list-style-type: none"> <li>• Personnel awareness on the necessity of a correct management system by information and continuous professional training implemented;</li> <li>• Minimization actions related healthcare waste quantity, particularly hazardous waste achieved through a rigorous selective collection designed;</li> <li>• Selective collection process of the non-hazardous waste generated by sanitary units, which could be recycled and recovered improved;</li> <li>• Minimization of risks generated by improper handling of the hazardous waste;</li> <li>• Improved accuracy of database concerning healthcare waste management;</li> <li>• Improved efficiency between collaboration institutions in healthcare waste</li> </ul>	<p>by relevant administrative structures ;</p> <ul style="list-style-type: none"> <li>• Number of training courses delivered/number staff trained;</li> <li>• Quality of the courses: feedback needed through evaluation questionnaires/forms.</li> <li>• Number of workshops/seminars/working-group meetings involving the participation of the target public and relevant authorities;</li> <li>• Number of different brochures/radio and TV clips prepared/ number of categories of target public;</li> <li>• Website design and number of its visitors by the end of the project;</li> <li>• Number of guidelines and manuals prepared;</li> </ul>	<p>in EU member states as example;</p> <ul style="list-style-type: none"> <li>• TA project reports (inception/quarterly/final) and documentation;</li> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit's Monthly Meeting;</li> <li>• Minutes of the weekly Working-Meeting developed acc. to EDIS procedures' requirements;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul>	<p>organizations to training component;</p> <ul style="list-style-type: none"> <li>• Trained staff will continue activities at respective institutions;</li> </ul>
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management field.

**Task 4.9**

- Equipment for treatment and final disposal of hazardous healthcare waste, according to the national legislation and European standards procured;
- Monitoring network for waste facilities – pilot project phase -set-up.

**Task 4.10**

- The assessment of present situation for all waste from extractive industries facilities, taking into account the provisions of new Directive elaborated;
- Transposition of new proposed EU Directive on management of waste from extractive industries and corresponding institutional framework carried out;
- The necessary actions for implementation process of the provisions of new mining Directive established;
- Main stakeholders in the mining field trained;
- Public awareness actions regarding waste from extractive industries performed.

**Task 4.11**

- Equipment for the monitoring network

associated to waste facilities from extractive industry procured, installed and full operational.			
<b>Activities</b>	<b>Means</b>		<b>Assumptions</b>
<p><b><u>Task 4.7</u></b></p> <ul style="list-style-type: none"> <li>• Data collection with the view to develop a inventory of the historical contaminated sites;</li> <li>• Preparation of data base of the historical contaminated sites;</li> <li>• Preparation of a strategy and an action plan for the rehabilitation of historical contaminated sites;</li> <li>• Preparation of 3 investment projects of sites rehabilitation, ready for submission for financing under structural funds;</li> </ul> <p><b><u>Task 4.8</u></b></p> <ul style="list-style-type: none"> <li>• Analyzing of the current situation of healthcare waste management at national level;</li> <li>• Conducting a pilot study on healthcare waste management surveillance;</li> <li>• Establishing the pilot sanitary units needs concerning the internal management and final disposal of healthcare wastes;</li> <li>• Development program training for the correct implementation of actual legislation;</li> </ul>	<p>1.30.1.1. Means Task 4.7</p> <ul style="list-style-type: none"> <li>• One Service Contract for 18 months;</li> </ul> <p><b><u>Means Task 4.8</u></b></p> <ul style="list-style-type: none"> <li>• One Service Contract for 18 months;</li> </ul> <p><b><u>Means Task 4.9</u></b></p> <ul style="list-style-type: none"> <li>• One Supply Contract for 9 months;</li> </ul> <p><b><u>Means Task 4.10</u></b></p> <ul style="list-style-type: none"> <li>• One Service Contract for 12 months;</li> </ul> <p>1.30.1.2. Means Task 4.11</p> <ul style="list-style-type: none"> <li>• One Supply Contract for 9 months;</li> </ul>		<ul style="list-style-type: none"> <li>• Sufficient staff with necessary basic qualification available;</li> <li>• Equipment is delivered in due-time and ensures desired sensitivity levels to monitoring air quality parameters;</li> <li>• Good communication/ collaboration between Contractor/ equipment Supplier and beneficiaries;</li> <li>• Qualified experts identified and mobilized rapidly.</li> <li>• Know-how transfer is ensured by qualified experts assigned by Contractor according to his Working</li> </ul>

<ul style="list-style-type: none"> <li>• Development proper solutions concerning the final disposal of the hazardous healthcare waste according with the national and European standards.</li> <li>• Organizing training activities and seminars for sharing gained experience, ideas and conclusions during the project development.</li> </ul> <p><b><u>Task 4.9</u></b></p> <ul style="list-style-type: none"> <li>• To procure needed equipment used for treatment and final disposal of hazardous healthcare waste in according with the national legislation and EU standards;</li> <li>• To organize training activities and seminars for sharing gained experience, ideas and conclusions during the project development.</li> </ul> <p><b><u>Task 4.10</u></b></p> <ul style="list-style-type: none"> <li>• To elaborate the present situation for all waste from extractive industries facilities, taking into account the provisions of new Directive;</li> <li>• To establish the necessary actions for implementation process of the provisions of</li> </ul>			<p>Plan/Strategy;</p> <ul style="list-style-type: none"> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> </ul>
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<p>new mining Directive;</p> <ul style="list-style-type: none"> <li>• To train the main stakeholders in the mining field;</li> <li>• To perform public awareness actions regarding waste from extractive industries;</li> </ul> <p><b><u>Task 4.11</u></b></p> <ul style="list-style-type: none"> <li>• To procure and install the monitoring network for waste from extractive industries facilities - pilot project</li> </ul>		
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## Logical Framework

LOGFRAME PLANNING MATRIX FOR PROJECT 5		Programme name and number	PHARE 2006/018-147.03.03
SUPPORT TO IMPLEMENT THE PROVISIONS OF THE WATER FRAMEWORK DIRECTIVE		Contracting period expires  30/11/2007	Disbursement period expires  30/11/2008
		Total budget: 3.0 MEUR	Phare budget: 3.0MEUR
Overall objective	Relates to Copenhagen criterion and Acquis chapter	List of other projects with same objective	
Strengthening institutional capacity to implement and enforce the environmental acquis focused on water management	Negotiations on Chapter 22 - Environment	<ul style="list-style-type: none"> <li>• <b>Phare 1998</b> – Twinning in the Field of Water Management;</li> <li>• <b>Phare 2001</b> – Assistance for the Implementation of the New Water Framework Directive on Pilot Basins;</li> <li>• <b>Phare 2002</b> – Establishment of an information System and a Database for Water Management Field According to the Requirements of the Water Framework Directive;</li> <li>• <b>Phare 2004</b> – Support for Implementing the Requirements of the WFD – Establishing Water Management Plans for the Ialomita-Buzau River Basin.</li> </ul>	

		<p><b><u>PHARE/2005/017-553.03.03/05.02</u></b> “Investment supporting the information system and database for water management”</p> <p><b><u>PHARE/2005/017-553.03.03/05.03</u></b> “Water resources quality monitoring equipment acquisition”</p>	
<b>Project purpose</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p>Strengthening the institutional capacity to implement and enforce the Water Framework Directive (WFD) requirements</p> <p>To be achieved through the implementation of tasks 5.5, 5.6 and 5.7.</p>	<ul style="list-style-type: none"> <li>• Number of administrative structures that improved their competences in terms of efficiency and effectiveness related to implementation of WFD requirements;</li> <li>• Develop or improve quality of planning and strategic documents/ programmes that help authorities to a more effective/ complete implementation of the WFD requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Program evaluation reports;</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees no.9;</li> <li>• Reports prepared for Joint Monitoring Committee (JMC);</li> <li>• Regular reports of international environmental cooperative programmes;</li> <li>• Position Paper on Chapter 22.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep good communication and co-operation among all water management bodies, environmental agencies and concerned organisations;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in monitoring and management water quality is recruited, maintained and regularly trained;</li> <li>• Successful implementation of Phare 2001- 2002 projects and the Tasks 5.1, 5.2 and 5.3 from 2004 -2005 National Phare Programme, Sector Environment - “Support to</li> </ul>

			implement provisions of the WFD”.
<b>Results</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p><b><u>Results Task 5.5</u></b></p> <ul style="list-style-type: none"> <li>• The pollution mitigation programmes established based on types of improved activities;</li> <li>• The alternative friendly environmental technologies identified;</li> <li>• The financial mechanisms for the investments identified;</li> <li>• The economical – financial policies for the costs recovery identified and assessed.</li> </ul> <p><b><u>Results Task 5.6</u></b></p> <ul style="list-style-type: none"> <li>• Implementing capacity improved;</li> <li>• Implementing programmes improved and necessary investments</li> </ul>	<p><b><u>OVI Task 5.5</u></b></p> <ul style="list-style-type: none"> <li>• Mitigation programmes for water toxic, bio-accumulable and persistent substances, delivered to Beneficiary, during project implementation;</li> <li>• Financial mechanism and policies for costs recovery established</li> <li>• Number of persons that received graduation certificates/ number of the persons that received training;</li> <li>• The quality of training courses delivered by Consultant evaluated through marks/qualificative received by trainees to questionnaires;</li> </ul> <p><b><u>OVI Task 5.6</u></b></p> <ul style="list-style-type: none"> <li>• Consultant’s approach</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly Technical Progress Reports (TPRs);</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• TA project reports (inception/quarterly/final) and documentation;</li> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit’s Monthly Meeting;</li> <li>• Minutes of the weekly Working-Meeting developed acc. to EDIS procedures’ requirements;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of beneficiary organizations for training component is obvious;</li> <li>• Trained staff will continue activities at respective institutions;</li> <li>• The equipment and software needs assessed by the Phare 2002 Project made available in due time;</li> <li>• A detailed needs assessment regarding water monitoring equipment and associated costs and training, at national level, carried out by Phare 2001 project made available in due time.</li> </ul>

<p>established;</p> <ul style="list-style-type: none"> <li>Investments programme for rural areas that have not centralized water supply endowment are prepared.</li> </ul> <p><b><u>Results Task 5.7</u></b></p> <ul style="list-style-type: none"> <li>Programmes for the urban wastewater collecting and treatment optimised;</li> <li>Optimal and sustainable solutions regarding operating and maintenance of collecting and treatment wastewater systems established;</li> <li>Corresponding solutions for towns/cities bellow 2,000 equivalent inhabitants established.</li> </ul>	<p>(number of parameters) for water implementation programmes based on EU Directives' requirements/ previous versions of programme;</p> <ul style="list-style-type: none"> <li>Number of rural areas having no centralized water supply evaluated that might take benefit from specific investments programme;</li> </ul> <p><b><u>OVI Task 5.7</u></b></p> <ul style="list-style-type: none"> <li>New or optimised Programme for wastewater collecting, treatment, operation and maintenance for towns/cities bellow 2,000 inhabitants delivered by Consultant in due time /previous versions.</li> </ul>		
<b>Activities</b>	<b>Means</b>		<b>Assumptions</b>
<p><b><u>Task 5.5</u></b></p> <ul style="list-style-type: none"> <li>To establish pollution mitigation programmes based on types of improved activities;</li> </ul>	<p><b><u>Task 5.5</u></b></p> <ul style="list-style-type: none"> <li>One Service Contract for 18 months;</li> </ul>		<ul style="list-style-type: none"> <li>Sufficient staff with necessary basic qualification available;</li> <li>Good communication/ collaboration between Contractor/ and beneficiaries;</li> </ul>

<ul style="list-style-type: none"> <li>• To identify alternative friendly environmental technologies;</li> <li>• To identify better financial mechanisms for the envisaged investments;</li> <li>• To identify and assess the most suitable economical – financial policies for costs recovery;</li> <li>• Providing training for the monitoring and inspection activities;</li> <li>• Establishing a methodology for public and media information;</li> <li>• Establishing a reporting template for the European Commission.</li> </ul>	<p><b><u>Means Task 5.6</u></b></p> <ul style="list-style-type: none"> <li>• One Service Contract for 18 months;</li> </ul>		<ul style="list-style-type: none"> <li>• Know-how transfer is ensured by qualified experts assigned by Contractor according to his Working Plan/ Strategy;</li> <li>• Training is successfully carried out;</li> <li>• Project sustainability, in terms of is knowledge acquired and documents prepared, insured by a limited staff turnover.</li> </ul>
<p><b><u>Activities Task 5.6</u></b></p> <ul style="list-style-type: none"> <li>• Providing training for the monitoring and inspection activities;</li> <li>• Establishing a methodology for public and media information;</li> <li>• Establishing a reporting template for the European Commission;</li> <li>• Establishing framework solutions for the water supply systems rehabilitation;</li> <li>• Analyzing the existent situation in</li> </ul>	<p><b><u>Means Task 5.7</u></b></p> <ul style="list-style-type: none"> <li>• One Service Contract for 18 months;</li> </ul>		

<p>rural areas that are not endowed with centralized water supply and establishing solutions in order to provide a qualitative water, in conformity with the Framework Water Directive;</p> <ul style="list-style-type: none"> <li>• Elaborating a prioritization of the necessary investments in drink water supply field, according to the Framework Water Directive.</li> </ul> <p><b><u>Activities Task 5.7</u></b></p> <ul style="list-style-type: none"> <li>• To establish framework-solutions for wastewater collecting and treatment for towns/cities between 2,000 and 10,000 equivalent inhabitants based on the cost/efficiency analysis and the impact on water sources;</li> <li>• Establishment of an adequate corresponding alternative technologies for the waste water treatment for towns below 2,000 equivalent inhabitants;</li> <li>• To establish solutions for operating and maintaining of the sewerage and treatment network at regional and basin level;</li> <li>• To analyse and establish correlation programmes between sewerage and</li> </ul>			
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treatment systems' development and the refurbishment programmes for the water supply systems.			
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## Logical Framework

LOGFRAME PLANNING MATRIX FOR PROJECT 6		Programme name and number	PHARE 2006/018-147.03.03
IMPLEMENTATION OF NATURA 2000 NETWORK IN ROMANIA		Contracting period expires  30/11/2008	Disbursement period expires  30/11/2009
		Total budget: 5.00 MEUR	Phare budget: 4.25 MEUR
Overall objective	Relates to Copenhagen criterion and Acquis chapter	List of other projects with same objective	
Strengthening of the institutional capacity to implement and enforce the environmental acquis focused on nature protection	Romania's negotiations on Chapter 22 - Environment	<ul style="list-style-type: none"> <li>• <u>1992 - Corine Biotope project:</u></li> <li>• <u>LIFE-NATURE Programmes:</u> "Conservation of an Euro-Siberian-wood with oak (Quercus robur)", "Conservation of the Natural Wet Habitat "The Bogs of Satchinez", "Integrated Management plan for the "Small Island of Braila", "In situ" conservation of the Romanian Meadow Viper (Vipera ursinii), "Habitat conservation in the Bucegi National Park/Romania, "Survival of Romanychthys</li> </ul>	

		<p>valsanicola", Enhancement of Piatra Craiului National Park, "Natura 2000 sites in the <i>Piatra Craiului</i> National Park", "Restoration forest habitats from <i>Pietrosul Rodnei</i> Biosphere Reserve" and "Participatory management of <i>Măcin</i> mountains protected area";</p> <ul style="list-style-type: none"> <li>• <b><u>GEF/World Bank project</u></b> - Danube Delta Biodiversity and Biodiversity Conservation Management;</li> <li>• <b><u>"Conservation of Biological Diversity in Danube Delta"</u></b>- 1994-2000;</li> <li>• <b><u>'Biodiversity Conservation Management'</u></b> - 1999-2004;</li> <li>• <b><u>Phare 2000 Programme</u></b> 'Implementation of the Environmental Acquis';</li> <li>• <b><u>Phare 2000 Programme</u></b></li> <li>• Technical Assistance for strengthening the Local Environmental Protection Agencies (LEPAs) and developing Regional Environmental Protection</li> </ul>	<ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>
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		<p>Agencies (REPAs);</p> <ul style="list-style-type: none"> <li>• <b><u>2003-2005 - GEF/UNDP project</u></b> “Demonstrating an Integrated and Participatory Management Approach for the Conservation of Globally-Significant Biodiversity within the Macin Mountains Park”;</li> <li>• <b><u>MATRA Project</u></b> – ‘The implementation of the EU Nature Conservation Legislation in Romania’;</li> <li>• <b><u>Phare 2004</u></b></li> </ul> <p><b>RO 2004/IB/EN/02</b> - ‘Implementation and enforcement of the environmental Acquis focussed on nature protection’ – <u>REPA Sibiu (TW)</u></p> <ul style="list-style-type: none"> <li>• <b>RO 2004/IB/EN/03</b> - ‘Implementation and enforcement of the environmental Acquis focussed on nature protection’ – REPA Timisoara (TW);</li> </ul> <p><b>RO 2004/016-772.03.03/06.01</b></p> <p>‘Implementation of Natura 2000 Network in Romania’ –</p>
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		<p>Task 6.1</p> <p><b><u>PHARE/2005/017-553.03.03/07.02</u></b> “Technical assistance to develop the environmental related GIS maps”</p> <p><b><u>PHARE/2005/017-553.03.03/07.03</u></b> “Investment support to assist the environmental protection decisions through GIS system”</p> <p><b><u>GEF/UNDP</u></b> project “Development of the National Biosafety Framework”</p>	
<b>Project purpose</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p>Strengthening institutional capacity and capabilities to implement requirements of Natura 2000 Network by endowment with necessary equipment, implementation of awareness campaign on nature conservation and Natura 2000 sites and implementation of EU requirements regarding genetically modified organisms (GMOs).</p> <p>To be achieved through the implementation of tasks 6.2, 6.3 and 6.4</p>	<ul style="list-style-type: none"> <li>• Obvious and measurable progress with the implementation of Natura 2000 Network;</li> <li>• Improved competences in environmental decision-making process;</li> <li>• Institutions involved both in policy making and policy evaluation process are provided with correct and timely information.</li> </ul>	<ul style="list-style-type: none"> <li>• Program evaluation reports;</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees no.9;</li> <li>• Reports prepared for Joint Monitoring Committee (JMC);</li> <li>• Regular reports of international environmental cooperative programmes;</li> <li>• Position Paper on chapter 22;</li> </ul>	<ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a proactive way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data processing/management is recruited and regularly trained;</li> </ul>

			<ul style="list-style-type: none"> <li>• Successful implementation of activities of the 2004 National Phare Programme, sector Environment - "Implementation of Natura 2000 Network in Romania"- Task 6.1</li> </ul>
Results	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<p>Results fulfilling the overall purpose:</p> <p><b><u>Results Task 6.2</u></b></p> <ul style="list-style-type: none"> <li>• The sites' management structures endowed with proper equipment necessary to implement Natura 2000 Network requirements;</li> <li>• Staff trained in operating the acquired equipment and software.</li> </ul> <p><b><u>Results Task 6.3</u></b></p> <ul style="list-style-type: none"> <li>• The Romanian Protected Areas Catalogue, the Romanian Catalogue of Protected</li> </ul>	<p><b><u>OVI Task 6.2</u></b></p> <ul style="list-style-type: none"> <li>• Equipment for implementing the Natura 2000 Network installed and operational;</li> <li>• Number of the persons trained/number of persons established in training needs assessment reports;</li> <li>• Quality of the training courses: feedback needed through evaluation questionnaires / forms;</li> </ul> <p><b><u>OVI Task 6.3</u></b></p>	<ul style="list-style-type: none"> <li>• Monthly Technical Progress Reports (TPRs);</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• TA project reports (inception/quarterly/final) and documentation;</li> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit's Monthly Meeting;</li> <li>• Minutes of the weekly</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest and proper reaction of beneficiary organizations for the training component is obvious;</li> <li>• Trained staff will continue activities at respective institutions.</li> </ul>

<p>Natural Habitats, Romanian Catalogue of Protected Wild Species, Maps of Protected Areas published;</p> <ul style="list-style-type: none"> <li>• A nation-wide programme of awareness-raising events on Natura 2000 themes implemented;</li> </ul> <p><b><u>Results Task 6.4</u></b></p> <ul style="list-style-type: none"> <li>• The institutional framework at central, regional and local level strengthened;</li> <li>• An efficient communication and coordination between the governmental and non-governmental stakeholders ensured;</li> <li>• The personnel within the Central Authority for Environmental Protection and other stakeholders, trained in order to ensure an efficient control of compliance;</li> <li>• The personnel within the National Environmental Protection Agency and the Regional Environmental Protection Agencies, trained in order to ensure an efficient implementation;</li> <li>• Specific guides and manuals regarding the content of the Risk Assessment Study, for monitoring, inspections, implementation drawn up;</li> <li>• The needs regarding setting-up and functioning of the National Reference</li> </ul>	<ul style="list-style-type: none"> <li>• Good quality Catalogues and Maps published;</li> <li>• Materials, books, CDs, in-house training, workshops, updated website and links with other sites on Natura 2000 Network, radio and TV campaigns.</li> </ul> <p><b><u>OVI Task 6.4</u></b></p> <ul style="list-style-type: none"> <li>• Actions developed/ Results obtained and procedures established to better communication and co-operation between governmental and non-governmental bodies when project is finalized;</li> <li>• Number of personnel that received graduation certificates/ total number of participants involved in training modules;</li> <li>• Number of planning/ methodological documents for monitoring and inspections activities drawn up by Consultant during project</li> </ul>	<p>Working-Meeting developed acc. to EDIS procedures' requirements;</p> <ul style="list-style-type: none"> <li>• Single Monitoring Information System (SMIS).</li> </ul>
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Laboratory for GMOs and improving the Biosafety National Network defined.	implementation and approved by Beneficiary responsible bodies;		
<b>Activities</b>	<b>Means</b>		<b>Assumptions</b>
<p><b><u>Activities Task 6.2</u></b></p> <ul style="list-style-type: none"> <li>To procure equipment for implementing the Natura 2000 Network (equipment for camp, binoculars, networks, PC, software, the publicity panels) for management structures of sites;</li> <li>To train the staff in use of the acquired equipment and software.</li> </ul> <p><b><u>Activities Task 6.3</u></b></p> <ul style="list-style-type: none"> <li>To edit and publish the Romanian Protected Areas Catalogue, the Romanian Catalogue of Protected Natural Habitats, Romanian Catalogue of Protected Wild Species, Maps of Protected Areas;</li> <li>To implement a nation-wide programme of awareness-raising events on Natura 2000 themes.</li> </ul> <p><b><u>Activities Task 6.4</u></b></p> <ul style="list-style-type: none"> <li>Strengthening of the institutional framework at central, regional and local level;</li> <li>Ensuring an efficient communication and coordination between the governmental and</li> </ul>	<p><b><u>Means Task 6.2</u></b></p> <ul style="list-style-type: none"> <li>One Supply Contracts for 9 months;</li> </ul> <p><b><u>Means Task 6.3</u></b></p> <ul style="list-style-type: none"> <li>One Service Contract for 18 months;</li> </ul> <p><b><u>Means Task 6.4</u></b></p> <ul style="list-style-type: none"> <li>One Service Contract for 18 months;</li> </ul>		<ul style="list-style-type: none"> <li>Equipment is delivered in due-time and ensures desirable sensitivity characteristics;</li> <li>Good communication/collaboration between Contractor/ equipment Supplier and beneficiaries;</li> <li>Projects are starting activities in time;</li> <li>Sufficient staff with necessary basic qualification available;</li> <li>Staff turnover is limited;</li> <li>Appropriate communication and collaboration between project stakeholders during information campaign;</li> <li>Qualified experts identified and rapidly</li> </ul>

<p>non-governmental stakeholders;</p> <ul style="list-style-type: none"> <li>• Training of personnel within the Central Authority for Environmental Protection and other stakeholders, in order to ensure an efficient control of compliance;</li> <li>• Training of personnel within the National Environmental Protection Agency and the Regional Environmental Protection Agencies, in order to ensure an efficient implementation;</li> <li>• Drawing up of specific guides and manuals regarding the content of the Risk Assessment Study, for monitoring, inspections, implementation;</li> <li>• Definition of the needs regarding setting-up and functioning of the National Reference Laboratory for GMOs and the improvement of the Biosafety National Network.</li> </ul>			<p>mobilized</p> <ul style="list-style-type: none"> <li>• Training is successfully carried out;</li> </ul>
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## Logical Framework

LOGFRAME PLANNING MATRIX FOR PROJECT		Programme name and number	PHARE 2006/018-147.03.03
<b>STRENGTHENING THE CAPACITY OF THE REGIONAL ENVIRONMENTAL PROTECTION AGENCIES (REPAS), LOCAL ENVIRONMENTAL PROTECTION AGENCIES (LEPAS) AND NATIONAL ENVIRONMENTAL GUARD (NEG) IN IMPLEMENTING, MONITORING AND ENFORCEMENT OF THE TRANSPOSED ENVIRONMENTAL LEGISLATION - PHASE II</b>		Contracting period expires:  <b>30/11/2008</b>	Disbursement period expires:  <b>30/11/2009</b>
		Total budget: <b>9.46 MEUR</b>	Phare budget: <b>8.95 MEUR</b>
<b>Overall objective</b>	<b>Relates to Copenhagen criterion and Acquis chapter</b>	<b>List of other projects with same objective</b>	
Strengthening institutional capacity to implement and enforce the requirements of the EU Environmental Acquis.	Romania's negotiations on Chapter 22 - Environment	<p><i>Chronological order:</i></p> <ul style="list-style-type: none"> <li>• <b><u>1992 – ‘Corine Biotope’ project;</u></b></li> <li>• <b><u>1992 – 1993 Phare project</u></b> Master Plan for Environment, chapter “Extending monitoring to the new sectors”;</li> <li>• <b><u>1993 Phare project</u></b> ‘The Master Plan for the National Environmental Monitoring System (NEMS) in Romania’;</li> <li>• <b><u>Phare 1998 Programme</u></b> ‘Strengthening the</li> </ul>	

		<p>Institutional and Administrative Capacity to Manage Environmental Policy in Romania in conformity with the Acquis Communautaire’;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 1999 Programme</u></b> ‘Impact on EU environmental acquis on selected industrial sectors in Romania’;</li> <li>• <b><u>1999 Danish TA project</u></b> ‘Transposition and implementation of EU Directives in air quality field’;</li> <li>• <b><u>1999 Phare CBC project</u></b> ‘Joint Air Quality Monitoring System on the Romanian-Bulgarian Boundary Towns on Lower Danub’e’;</li> <li>• <b><u>Phare multicountry zz 6.01/1999</u></b> – ‘Enhancement of Romania’s off-site emergency capabilities’;</li> <li>• <b><u>Phare 2000 project</u></b> ‘Technical Assistance for strengthening the Local Environmental Protection Agencies (LEPAs) and developing Regional Environmental Protection Agencies (REPAs)’;</li> </ul>
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		<ul style="list-style-type: none"> <li>• <b><u>Phare 2000 Programme</u></b> ‘Implementation of the Environmental Acquis’;</li> <li>• <b><u>Phare 2000 Programme</u></b> ‘Implementation of the Environmental Acquis’;</li> <li>• <b><u>Phare 2000 Programme</u></b> ‘Technical Assistance for strengthening the Local Environmental Protection Agencies (LEPAs) and developing Regional Environmental Protection Agencies (REPAs)’;</li> <li>• <b><u>Phare 2001 programmes,</u></b> project ‘Assistance for the implementation of IPPC Directive’;</li> <li>• <b><u>Phare 2001 RO 0107.15.03</u></b> ‘Environmental Cost Assessment and Investment Plans’;</li> <li>• <b><u>Phare 2001</u></b> ‘Twinning to further assist Romania in the transposition and implementation of legislation on Waste Management’;</li> </ul>
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		<p>•<b><u>Phare 2001 Programme</u></b>, project ‘Environmental cost assessment and investment plan’;</p> <p>•<b><u>Phare CBC 2001 and 2002</u></b> projects ‘Joint Air Quality Monitoring System on the Romanian-Bulgarian Boundary Towns on Lower Danube’ and ‘Protection of wetlands of the Danube’;</p> <p>•<b><u>Phare 2002 Programme</u></b>, project ‘Twinning to assist Romania in the implementation of the VOC’s, LCP and Seveso II Directives’;</p> <p>•<b><u>Phare 2002</u></b> RO-2002/000-586.04.12.01 ‘Twinning in the field of chemicals to improve the legal framework and to improve the enforcement’;</p> <p>•<b><u>Phare 2002</u></b> RO-2002/000-586.04.12.03 ‘Improvement of the National Air Quality Monitoring Network’;</p> <p>• <b><u>Phare 2002</u></b> ‘Improvement of the National</p>
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		<p>Air Quality Monitoring Network’;</p> <p>• <b><u>PPF 2003</u></b></p> <p><b>RO 2003/005-551.03.03.01</b></p> <p>‘The implementation of an adequate noise monitoring system in urban regions according with UE requirements in this field’;</p> <p>• <b><u>Phare 2003</u></b></p> <p>‘Economic and Social Cohesion’</p> <p>- two IB components and one investment component, as follows:</p> <ul style="list-style-type: none"> <li>• ‘Twinning to support the Ministry of Environment and Water Management (MoEWM) in preparation of the multi-annual programming scheme under ESC’;</li> <li>• ‘Technical Assistance to support the implementation of the waste management investment/ infrastructure projects under ESC’;</li> <li>• ‘Small-scale waste management investment</li> </ul>
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		<p>scheme’.</p> <ul style="list-style-type: none"> <li> <b>• <u>Phare 2003</u></b>  2003/005-551.04.11  ‘The Implementation of an Adequate Environmental Radioactivity Monitoring and Reporting System’; </li> <li> <b>• <u>Phare 2004</u></b>  RO2004/IB/EN/01 –  ‘Implementation and enforcement of the environmental Acquis focussed on air quality’ – REPA Cluj; </li> <li> <b>• <u>Phare 2004</u></b>  RO 2004/IB/EN/02  ‘Implementation and enforcement of the environmental Acquis focussed on Nature protection’ – REPA Sibiu; </li> <li> <b>• <u>Phare 2004</u></b>  RO 2004/IB/EN/03  ‘Implementation and enforcement of the environmental Acquis focussed on Nature protection’ – REPA Timisoara; </li> <li> <b>• <u>PHARE 2004</u></b> </li> </ul>
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		<p>RO 2004/IB/EN/04 – ‘Implementation and enforcement of the environmental Acquis focussed on IPPC” - REPA Craiova;</p> <ul style="list-style-type: none"> <li>• <b><u>PHARE 2004</u></b></li> </ul> <p>RO 2004/IB/EN/05 – ‘Implementation and enforcement of the environmental Acquis focussed on IPPC and risk management’- REPA Pitesti;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004</u></b> RO 2004/IB/EN/06 ‘Implementation and enforcement of the environmental Acquis focussed on domestic waste management - REPA Bacau;</li> </ul> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004</u></b> RO 2004/IB/EN/07 ‘Implementation and enforcement of the environmental Acquis focussed on industrial waste management’ - REPA Galati;</li> </ul> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004,</u></b> RO2004/IB/EN/08 ‘Implementation and</li> </ul>
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		<p>enforcement of the environmental Acquis focussed on VOCs and Noise’ – REPA Bucharest;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004</u></b>, RO2004/IB/EN/09 ‘Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8 regional twinning projects’ phase I) - NEPA Bucharest;</li> <li>• <b><u>Phare 2004</u></b> PHARE/2004/016-772.03.03/ 02.02 ‘Strengthening institutional capacities for implementing and enforcing Noise related Directives’;</li> <li>• <b><u>PHARE 2004 project</u></b> RO 2004/016-772.03.03/03.02 ‘Technical assistance to support the integrated permitting process’;</li> <li>• <b><u>Phare 2004</u></b> PHARE/2004/016-772.03.03/ 03.02 ‘Equipment acquisition for emission control at IPPC activities, to the regional level -</li> </ul>
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		<p>needed investments’;</p> <ul style="list-style-type: none"> <li>• <b><u>Phare 2004</u></b> PHARE/2004/016-772.03.03/04.01 ‘Technical Assistance for elaborating the Regional Waste Management Plans’;</li> <li>• <b><u>Phare 2004</u></b> PHARE/2004/016-772.03.03/04.03 ‘Waste from Electrical and Electronic Equipment (WEEE) Directive implementation’;</li> <li>• <b><u>Phare 2004</u></b> PHARE/2004/016-772.03.03/06.01 ‘Implementation of NATURA 2000 Network in Romania’;</li> <li>• <b><u>Phare 2004</u></b> RO 2004/016-772.03.03/02.03 ‘Strengthening Institutional Capacity for Noise Directive Implementation’ – REPA Bucharest;</li> <li>○ <b><u>PHARE 2005</u></b> PHARE/2005/017-553.03.03/03.04 ‘Further support for IPPC and LCP Directives Implementation’;</li> <li>○ <b><u>Phare 2005</u></b></li> </ul>
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		<p>2005/017-553.03.03/04.04 ‘Equipment acquisition for waste analysis’;</p> <p>o <b><u>Phare 2005</u></b> 2005/017-553.03.03/04.05 ‘Assistance in the preparation for compliance with provisions regarding temporary storage of waste’</p> <p>• <b><u>LIFE-NATURE</u></b> <b><u>Programmes:</u></b> “Conservation of an Euro-Siberian-wood with oak (<i>Quercus robur</i>)”, “Conservation of the Natural Wet Habitat "The Bogs of Satchinez", “Integrated Management plan for the "Small Island of Braila", "In situ" conservation of the Romanian Meadow Viper (<i>Vipera ursinii</i>), "Habitat conservation in the Bucegi National Park/Romania, "Survival of <i>Romanychthys valsanicola</i>", Enhancement of Piatra Craiului National Park, “Natura 2000 sites in the <i>Piatra Craiului</i> National Park”, “Restoration forest habitats from <i>Pietrosul Rodnei</i> Biosphere Reserve” and</p>
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		<p>“Participatory management of <i>Măcin</i> mountains protected area”;</p> <ul style="list-style-type: none"> <li>• <b><u>GEF/World Bank project</u></b> - Danube Delta Biodiversity and Biodiversity Conservation Management; "Conservation of Biological Diversity in Danube Delta"- 1994 - 2000; “Biodiversity Conservation Management” - 1999-2004;</li> <li>• <b><u>2003-2005 GEF/UNDP project</u></b> “Demonstrating an Integrated and Participatory Management Approach for the Conservation of Globally-Significant Biodiversity within the Macin Mountains Park”;</li> <li>• <b><u>MATRA Project</u></b> ‘The implementation of the EU Nature Conservation Legislation in Romania’;</li> <li>• <b><u>Phare Multi-country project</u></b> ‘Capacity Building in Implementation of the Environmental Acquis at the Local and regional Level’</li> <li>• <b><u>ISPA projects</u></b> - „Piatra Neamt Waste Management</li> </ul>
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		<p>programme in Romania” and „Integrated municipal waste management system in Ramnicu Valcea”;</p> <ul style="list-style-type: none"> <li>• <b>JICA project</b> - „The study on Master Plan for Hazardous Waste Management in Romania”</li> <li>• <b>USAID project</b> ‘Strengthening the capacity of the air quality monitoring’.</li> </ul>	
Project purpose	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<p><b><u>Tasks 1.2 -&gt; 1.16</u></b> To support the <b>Regional Environmental Protection Agencies (REPAs Cluj, Sibiu, Timisoara, Pitesti, Craiova, Bacau, Galati, Bucharest)</b>, its subordinated Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) commissariats with their day-to-day responsibilities and functions related to implementation, monitoring and enforcement of the transposed environmental legislation in accordance with their legal responsibilities.</p>	<p><b><u>OVI Tasks 1.2-&gt;1.16</u></b></p> <ul style="list-style-type: none"> <li>• Obvious and measurable progress with the enforcement of the environmental legislation;</li> <li>• Staff adequately trained at regional and local level to enforce the environmental acquis;</li> <li>• Operation of REPAs and its subordinated LEPAs and NEG on a professional basis.</li> </ul>	<p><b><u>Tasks 1.2-&gt; 1.16</u></b></p> <ul style="list-style-type: none"> <li>▪ Program evaluation reports;</li> <li>▪ Monitoring Reports prepared for Sector Monitoring Sub-Committee no.9;</li> <li>▪ Reports prepared for Joint Monitoring Committee (JMC)</li> <li>▪ National Development Plan;</li> <li>▪ Regional Development Plans;</li> <li>▪ Position Paper on chapter 22.</li> </ul>	<p><b><u>Tasks 1.2-&gt; 1.16</u></b></p> <ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data processing/ management is recruited and regularly trained;</li> </ul>

			<ul style="list-style-type: none"> <li>• Successful implementation of the phase I of the 2004 Phare Twinning project: “Implementation and enforcement of the environmental Acquis focussed on air quality” – developed by REPA Cluj;</li> <li>• Successful implementation of the phase I of the 2004 Phare Twinning projects “Implementation and enforcement of the environmental Acquis focussed on nature protection” – developed by REPAs Sibiu and Timisoara;</li> <li>• Successful implementation of the phase I of the 2004 Phare Twinning project “Implementation and enforcement of the environmental Acquis focussed on nature</li> </ul>
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			<p>protection – developed by REPA Timisoara and Sibiu;</p> <ul style="list-style-type: none"> <li>• Successful implementation of the phase I of the 2004 Phare Twinning projects “Implementation and enforcement of the environmental Acquis focussed on IPPC/IPPC and risk management – developed by REPAs Craiova and Pitesti;</li> <li>• Successful implementation of the phase I of the 2004 Phare Twinning projects “Implementation and enforcement of the environmental Acquis focussed on IPPC/IPPC and risk management” - developed by REPAs Pitesti and Craiova;</li> <li>• Successful implementation of the phase I of the 2004</li> </ul>
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			<p>Phare Twinning projects</p> <p>”Implementation and Enforcement of the environmental Acquis focussed on domestic/ industrial waste management – REPA Bacau and REPA Galati;</p> <ul style="list-style-type: none"> <li>• Successful implementation of the phase I of the 2004 Phare Twinning projects</li> <li>” Implementation and enforcement of the environmental acquis focussed on VOCs and noise” developed by REPA Bucharest.</li> </ul>
<p><b><u>Task 1.18 - Implementation and enforcement of the environmental Acquis at national level and coordination of the other 8 regional twinning projects – Phase II</u></b></p> <p>To support the <u>National Environmental Protection Agency (NEPA)</u> with their day-to-day responsibilities and functions established by</p>	<p><b><u>OVI Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>• Obvious and measurable progress with the enforcement of the environmental legislation;</li> <li>• Staff adequately trained at regional and local level to</li> </ul>	<p><b><u>Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>• Program evaluation reports</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees</li> <li>• Reports prepared for Joint Monitoring Committee</li> </ul>	<p><b><u>Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> </ul>

<p>laws, which are related with coordination of implementation, monitoring and enforcement of the transposed environmental legislation.</p>	<p>enforce the environmental acquis;</p> <ul style="list-style-type: none"> <li>• Operation of NEPA, REPAs and LEPAs on a professional basis.</li> </ul>	<p>(JMC)</p> <ul style="list-style-type: none"> <li>• National Development Plan;</li> <li>• Regional Development Plans;</li> <li>• Position Paper on chapter 22.</li> </ul>	<ul style="list-style-type: none"> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data processing/management is recruited and regularly trained;</li> <li>• Successful implementation of the phase I of the 2004 Phare Twinning project: “Implementation and enforcement of the environmental acquis at national level and coordination of other 8 regional twinning projects” developed by NEPA Bucharest.</li> </ul>
<p>Task 1.19 – Support to the National Environmental Guard (NEG) by strengthening its capacity on inspection and control To support the National Environmental Guard (NEG) in accomplishing their day-to-day responsibilities and functions related inspection</p>	<p><b><u>OVI task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• Obvious and measurable progress with the enforcement of the environmental legislation;</li> <li>• Commissars/inspectors</li> </ul>	<p><b><u>Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• Program evaluation reports</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees</li> <li>• Reports prepared for Joint</li> </ul>	<p><b><u>Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued</li> </ul>

and control in different environmental protection areas (IPPC, air quality, waste management, water management and nature protection).	adequately trained at regional and local level to enforce the environmental acquis; <ul style="list-style-type: none"> <li>• NEG operates on a professional base (procedures/ rules on inspection and control).</li> </ul>	Monitoring Committee (JMC) <ul style="list-style-type: none"> <li>• National Development Plan;</li> <li>• Regional Development Plans;</li> <li>• Position Paper on chapter 22.</li> </ul>	in a pro-active way; <ul style="list-style-type: none"> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff involved in data processing/ management is recruited and regularly trained;</li> <li>• Successful implementation of the phase I of the 2004 Phare Twinning projects.</li> </ul>
<p><b><u>Task 1.20 – Technical assistance to NEPA for setting-up and implementation of source-related ‘Environmental Radioactivity Monitoring Programmes’</u></b></p> <p>Strengthening institutional capacity of NEPA to implement and enforce the requirements of radioprotection legislation by setting-up Monitoring Programmes for the Environment Source-related Radioactivity.</p>	<p><b><u>OVI task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Monitoring programmes implemented for nuclear facilities;</li> <li>• Monitoring programmes for NORM and TENORM;</li> <li>• Methodological guidelines corresponding to standards and EC requirements;</li> <li>• Numbers of technical staff from NERSN able to</li> </ul>	<p><b><u>Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Program evaluation reports</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees</li> <li>• Reports prepared for Joint Monitoring Committee (JMC)</li> <li>• National Development Plan;</li> <li>• Regional Development Plans;</li> </ul>	<p><b><u>Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Adequate staff</li> </ul>

	perform the related monitoring programmes after training sessions are delivered.	<ul style="list-style-type: none"> <li>• Position Paper on chapter 22.</li> </ul>	<p>involved in monitoring activities is recruited and regularly trained;</p> <ul style="list-style-type: none"> <li>• Successful implementation of the component 1 (TA) from 2003 Phare project 2003/005-551.04.11 – ‘Implementation of an Adequate Environmental Radioactivity Monitoring and Reporting System’.</li> </ul>
<p><b><u>Task 1.21 – Equipment acquisition for the National Training Center for Environment</u></b></p> <p>To increase access to instruction and information of the staff from the environmental protection administrative structures by endowing the newly created National Environmental Centre with IT and communication equipment.</p>	<p><b><u>OVI task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• Performance and information of staff improved by regular training offered within National Environmental Training Centre in the field of environmental protection;</li> <li>• Adequate material base insured by a centralized training structure represents preconditions to organize</li> </ul>	<p><b><u>Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• Program evaluation reports</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-Committees</li> <li>• Reports prepared for Joint Monitoring Committee (JMC)</li> <li>• National Development Plan;</li> <li>• Regional Development Plans;</li> <li>• Position Paper on chapter 22.</li> </ul>	<p><b><u>Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> <li>• Enforcement of directives is continued in a pro-active way;</li> <li>• Adequate yearly allocation from state budget;</li> <li>• Personnel Policy Department within</li> </ul>

	<p><u>internal training programmes</u> to keep staff professionally;</p> <ul style="list-style-type: none"> <li>• Number and types of communication and experience-exchange paths between national/international homologues structures and persons in terms of participation indicators (persons/issues).</li> </ul>		<p>environmental structures recruit adequate staff and keep them trained and informed on a regular base;</p>
<b>Results</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<p><b><u>Results Tasks 1.2 -&gt;1.16</u></b></p> <ul style="list-style-type: none"> <li>• Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;</li> <li>• All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;</li> <li>• Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;</li> <li>• Data collection/storage systems improved;</li> <li>• Programmes for remediation actions/measures of contaminated sites in the region developed;</li> </ul>	<p><b><u>OVI Tasks 1.2 -&gt; 1.16</u></b></p> <ul style="list-style-type: none"> <li>• Number of relevant strategic and planning documents on environmental protection elaborated/ reviewed during project lifetime;</li> <li>• Number of staff from regional/local level involved in permitting, monitoring and inspection activities trained during project life-time/Number of graduation certificates received/issued;</li> <li>• Number and quality of Guidelines/Manuals/ Standard Procedures and other supporting documents</li> </ul>	<p><b><u>Tasks 1.2 -&gt; 1.16</u></b></p> <ul style="list-style-type: none"> <li>• National/ Regional Development Plans;</li> <li>• Regional and Local Environmental Development Plans;</li> <li>• Regional Action Plans;</li> <li>• REPA's and LEPA;s organizational structure;</li> <li>• REPA's and LEPA's organizational plans;</li> <li>• Training and familiarization programs;</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> </ul>	<p><b><u>Tasks 1.2 -&gt; 1.16</u></b></p> <ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest and reaction of beneficiary organizations to training component is obvious;</li> <li>• Trained staff will continue activities at respective REPA/ LEPA's and NEG;</li> <li>• Projects' proposals/ applications to be financed under SCFs are mature, consistent</li> </ul>

<ul style="list-style-type: none"> <li>Improved capacities and capabilities of Intermediate Body (IB) to perform the delegated tasks regarding the implementation of SOP Environment;</li> <li>REPAs acting as Focal Points for the other REPAs/LEPAs/NEG regarding technically focussed activities on environment priority sectors;</li> <li>National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated;</li> <li>Trained staff with well developed skills for the specific areas of the Focal Point.</li> </ul>	<ul style="list-style-type: none"> <li>prepared by RTA and the pool of STEs during twinning implementation and compliant with EU Directive' requirements;</li> <li>Number of environmental infrastructure projects under SCFs that received support from TW's RTA and pool of STEs, on technical and financial issues, at respective REPA, during project implementation.</li> </ul>	<ul style="list-style-type: none"> <li>Twinning and TA project reports (monthly TPRs) and documentation;</li> <li>Minutes of the Project Steering Committee Meetings;</li> <li>Minutes of the Phare Unit's Monthly Reports;</li> <li>Minutes of the Weekly-Meeting acc. to EDIS procedures requirements;</li> <li>Documents on monitoring project implementation prepared under EDIS procedures (checklists) - Phare PIU/MEWM;</li> <li>Single Monitoring Information System (SMIS).</li> </ul>	<p>and of reasonable quality.</p>
<p><b><u>Results Task 1.18 - NEPA</u></b></p> <ul style="list-style-type: none"> <li>Strengthened institutional capacities at central level in terms of good institutional management and technical performances of staff;</li> <li>National relevant strategic and planning documents on environmental protection</li> </ul>	<p><b><u>OVI Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>Number of relevant strategic and planning documents on environmental protection elaborated/ reviewed during project lifetime;</li> <li>Number of staff from regional/local level involved</li> </ul>	<p><b><u>Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>National/ Regional Development Plans;</li> <li>Regional and Local Environmental Development Plans;</li> <li>Regional Action Plans;</li> <li>REPA's and LEPA's organizational structure;</li> <li>REPA's and LEPA's</li> </ul>	<p><b><u>Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>Horizontal and transparent co-operation between key stakeholders;</li> <li>Interest and reaction of beneficiary organizations to training component is</li> </ul>

<p>elaborated and/or reviewed in line with the EU policy/legislation/recommendations (The National Atmosphere Protection Strategy, The National Strategy on Waste Management, The National Noise Action Plan a.s.o);</p> <ul style="list-style-type: none"> <li>• Staff involved in coordination of permitting, monitoring and inspection activities – from NEPA trained to improve competencies, knowledge and skills;</li> <li>• NEPA operational staff, coordinating The Integrated Environmental Monitoring System and the National Reference Laboratories (air, waste, noise, water and radioactivity) in prepared to receive international accreditation/certification;</li> <li>• Guideline/Manual/Procedures and other supporting documents to guide authorities to proper implementation of different Directive' requirements prepared and/or improved;</li> <li>• <b>NEPA Bucharest</b> prepared to act as <b>Coordination Focal Point</b> for other REPAs/LEPAs and NEG for all environmental protection sectors.</li> </ul>	<p>in permitting, monitoring and inspection activities trained during project life-time/Number of graduation certificates received/issued;</p> <ul style="list-style-type: none"> <li>• Number and quality of Guidelines/Manuals/Procedures and other supporting documents prepared by RTA and the pool of STEs during twinning implementation and compliant with EU Directive' requirements.</li> </ul>	<p>organizational plans;</p> <ul style="list-style-type: none"> <li>• Training and familiarization programs;</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• Twinning and TA project reports (monthly TPRs) and documentation;</li> <li>• Minutes of the Project Steering Committee Meetings;</li> <li>• Minutes of the Phare Unit's Monthly Reports;</li> <li>• Minutes of the Weekly-Meeting acc. to EDIS procedures requirements;</li> <li>• Documents on monitoring project implementation prepared under EDIS procedures (checklists) - Phare PIU/MEWM;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul>	<p>obvious;</p> <ul style="list-style-type: none"> <li>• Trained staff will continue activities at respective REPA/LEPAs and NEG;</li> <li>• Projects' proposals/ applications to be financed under SCFs are mature, consistent and of reasonable quality.</li> </ul>
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<p><b><u>Results Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>▪ Strengthened institutional capacities at regional and local (subordinated) levels, good institutional management and technical performances of staff;</li> <li>▪ NEG staff from regional and local level involved in inspection and control activities trained on issues related: IPPC, SEVESO II, VOCs, WEEE management, industrial waste management, nature protection, water management and GMOs.</li> </ul>	<p><b><u>OVI Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• Polluter pays principle widely understood and applied by industrial operators at decentralized level in Romania due to NEG's inspection and control activities;</li> <li>• Number of staff from NEG's structures involved in inspection and control activities in relation with environmental protection sector trained during project life-time/Number of graduation certificates received/issued;</li> </ul>	<p><b><u>Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• National/ Regional Development Plans;</li> <li>• Regional and Local Environmental Development Plans;</li> <li>• Regional Action Plans;</li> <li>• REPA's and LEPA's organizational structure;</li> <li>• REPA's and LEPA's organizational plans;</li> <li>• Training and familiarization programs;</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• Twinning and TA project reports (monthly TPRs) and documentation;</li> <li>• Minutes of the Project Steering Committee Meetings;</li> <li>• Minutes of the Phare Unit's Monthly Reports;</li> <li>• Minutes of the Weekly-Meeting acc. to EDIS procedures requirements;</li> <li>• Documents on monitoring project implementation</li> </ul>	<p><b><u>Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of beneficiary organizations for training component is obvious;</li> <li>• Trained staff will continue developing activities at NEG's structures;</li> </ul>
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<p><b><u>Results Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• The source-related environmental monitoring programmes delivered and operational;</li> <li>• Procedures, techniques and the related manuals/documentation delivered;</li> <li>• Staff trained in carrying out the source-related monitoring programmes.</li> </ul>	<p><b><u>OVI Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Number of source-related monitoring programmes delivered to NERSN and fully operational in time at country level;</li> <li>• Number of procedures, techniques and manuals/documentation delivered to authorities before project's rapping-up;</li> <li>• Number of trained staff from NERSN, during project implementation, that have received training graduation certificates/total staff working for NERSN.</li> </ul>	<p>prepared under EDIS procedures (checklists) - Phare PIU/MEWM;</p> <ul style="list-style-type: none"> <li>• Single Monitoring Information System (SMIS).</li> </ul> <p><b><u>Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Monthly Technical Progress Reports (TPRs);</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• TA project reports (inception/quarterly/final) and documentation;</li> <li>• Minutes of the Project Steering Committee meetings;</li> <li>• Minutes of the Phare Unit's Monthly Meeting;</li> <li>• Minutes of the weekly Working-Meeting developed acc. to EDIS procedures' requirements;</li> <li>• Documents on monitoring project implementation prepared under EDIS</li> </ul>	<p><b><u>Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>▪ Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of beneficiary organizations for training component is obvious;</li> <li>• Trained staff will continue activities at respective institutions;</li> <li>• Equipment delivered under Phare 2003 project installed and fully operational.</li> </ul>
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<p><b><u>Results Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>oEquipment for the National Environmental Training Centre purchased, installed, tested and full operational;</li> <li>oOn-the-job training for the operational staff carried-out.</li> </ul>	<p><b><u>OVI Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• Number and types of equipment installed and operational at the end of project;</li> <li>• Number and types of soft licenses received together with IT equipment delivered within project;</li> </ul>	<p>procedures (checklists) - Phare PIU/MEWM;</p> <ul style="list-style-type: none"> <li>• Environmental radioactivity data reported to EC (on EURDEP and EASYPROTEO platforms) and included in the EC-REM database managed by JRC-ISPRA, Italy;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul> <p><b><u>Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• National/ Regional Development Plans;</li> <li>• Regional and Local Environmental Development Plans;</li> <li>• Regional Action Plans;</li> <li>• REPA's and LEPA;s organizational structure;</li> <li>• REPA's and LEPA's organizational plans;</li> <li>• Training and familiarization programs;</li> <li>• Training reports;</li> <li>• Guidelines and procedure</li> </ul>	<p><b><u>Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>▪ Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of beneficiary organizations for training component is obvious;</li> <li>• Trained staff will continue activities at respective institutions;</li> </ul>
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		<p>manuals of similar programs in EU member states as example;</p> <ul style="list-style-type: none"> <li>• Twinning and TA project reports (monthly TPRs) and documentation;</li> <li>• Minutes of the Project Steering Committee Meetings;</li> <li>• Minutes of the Phare Unit's Monthly Reports;</li> <li>• Minutes of the Weekly-Meeting acc. to EDIS procedures requirements;</li> <li>• Documents on monitoring project implementation prepared under EDIS procedures (checklists) - Phare PIU/MEWM;</li> <li>• Single Monitoring Information System (SMIS).</li> </ul>	
<b>Activities</b>	<b>Means</b>		<b>Assumptions</b>
<p><b><u>Activities Task 1.2</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the</li> </ul>	<p><b><u>Means Task 1.2</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC</li> </ul>		<p><b><u>Task 1.2</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> </ul>

<p>status of fulfilling the recommendations made by the previous twinning project;</p> <ul style="list-style-type: none"> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul> <p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p>	<p>counterpart to RTA;</p> <ul style="list-style-type: none"> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of REPA Cluj and subordinated LEPAs and NEG commissariats;</li> <li>• Training modules.</li> </ul>		<ul style="list-style-type: none"> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>
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<ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data</li> </ul>			
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<p>collection/storage on nature protection;</p> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from</li> </ul>			
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<p>Structural and Cohesion Funds (SCFs);</p> <ul style="list-style-type: none"> <li>• To support reviewing the evaluation of the EIA/SEA studies' reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects' financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• To review existing air quality legislation and consequently align it with latest EU air quality legislation;</li> <li>• To set-up Guidelines for Air Emissions Inventory in order to use prognosis model (forecast models);</li> <li>• To train the staff on all analytical methods used by the Air Quality Monitoring Network;</li> <li>• To develop air quality indicators suitable for public information;</li> <li>• Support to optimisation the monitoring and reporting system for greenhouse gases (GHGs) to train staff on climate changes priority issues</li> <li>• To advise the other RTAs/STEs from the other twinning projects with technically focussed activities related to air quality and climate</li> </ul>			
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<p>changes issues whenever the case;</p> <ul style="list-style-type: none"> <li>• To assist in developing the network for communication and exchange of information/progress related to air quality and climate changes issues, getting the position of 'Focal Point' among other REPAs and LEPA during project implementation.</li> </ul>			
<p><b><u>Activities Task 1.4</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</li> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul>	<p><b><u>Means Task 1.4</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of REPA Sibiu and</li> </ul>		<p><b><u>Task 1.4</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>

<p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p>Integrated Permitting Procedure</p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> </ul>	<p>subordinated LEPA's and NEG commissariats;</p> <ul style="list-style-type: none"> <li>• Training modules.</li> </ul>	
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<ul style="list-style-type: none"> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for</li> </ul>			
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<p>contaminated sites to substantiate remediation actions/measures at regional level;</p> <ul style="list-style-type: none"> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the EIA/SEA studies’ reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects’ financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p>			
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<ul style="list-style-type: none"> <li>• Support to design the ‘Nature Protection Toolbox’ (Protected Areas Management Plans, Manuals for staff involved in nature protection activities, data collection procedures/validation, websites design, public information, a.s.o.);</li> <li>• Support to elaborate reference procedures for approval the Natural Protected Areas Management Plans (within three years after Romanian accession to EU);</li> <li>• Support to prepare future Romanian Report to EU on Natural Protected Areas (1st Report in 2013);</li> <li>• To advise the other RTAs/STEs from the other twinning projects with technically focussed activities related to nature protection issues whenever the case;</li> <li>• To assist in developing the network for communication and exchange of information/progress related to nature protection issues, getting the position of ‘<i>Focal Point</i>’ among other REPAs and LEPAs during project implementation.</li> </ul>			
<p><b><u>Activities Task 1.6 - Timisoara</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p>	<p><b><u>Means Task 1.6</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> </ul>		<p><b><u>Task 1.6</u></b></p> <ul style="list-style-type: none"> <li>• Project’s activities are starting in due</li> </ul>

<ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</li> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul> <p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and</li> </ul>	<ul style="list-style-type: none"> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of REPA Timisoara and subordinated LEPAs and NEG;</li> <li>• Training modules.</li> </ul>		<p>time;</p> <ul style="list-style-type: none"> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>
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<p>for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</p> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge</li> </ul>			
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<p>and skills of target public institutions involved in biodiversity and nature protection sector;</p> <ul style="list-style-type: none"> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH</li> </ul>			
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<p>procedure.</p> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the EIA/SEA studies' reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects' financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• To train staff to improving competencies for assessing remediation projects for contaminated sites; training on specific topics related petrochemical, radioactivity and chemical contamination of soil/subsoil with main pollutants;</li> <li>• Support in drawing up Guidelines/Manuals to apply remediation methods at main types of contaminated sites;</li> <li>• Support in drawing up 'Monitoring Procedures for Contaminated Areas' for remediation and post-remediation phases;</li> </ul>			
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<ul style="list-style-type: none"> <li>• Develop training sessions on issues related contaminated sites monitoring procedures for all environmental factors;</li> <li>• Support to developing and improving data management related soil/subsoil protection and ecological reconstruction;</li> <li>• To advise the other RTAs/STEs from the other twinning projects with technically focussed activities related to soil/subsoil protection and ecological reconstruction issues whenever the case;</li> <li>• To assist in developing the network for communication and exchange of information/progress related to soil/subsoil protection and ecological reconstruction issues, getting the position of <i>Focal Point</i> among other REPAs and LEPAs during the project implementation.</li> </ul>			
<p><b><u>Activities Task 1.8</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</li> </ul>	<p><b><u>Means Task 1.8</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> </ul>		<p><b><u>Task 1.8</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is</li> </ul>

<ul style="list-style-type: none"> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul> <p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> </ul>	<ul style="list-style-type: none"> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of REPA Craiova and subordinated LEPAs and NEG;</li> <li>• Training modules.</li> </ul>		<p>limited;</p> <ul style="list-style-type: none"> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>
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<ul style="list-style-type: none"> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological</i></p>			
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<p><i>reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the</li> </ul>			
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<p>EIA/SEA studies' reports and subsequently related permitting process;</p> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects' financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• Support to apply joint-provisions of several sectoral Directives (IPPC, LCP, air quality waste, waste incineration, VOCs, organic solvents, water Directives, etc.) in order to establish emissions limit values into various environmental factors (air, water, soil), for IPPC activities related to large combustion plants, aluminum production, intensive rearing of poultry or pigs, used in issuing environmental integrated permits;</li> <li>• To support the assessment of the Technical Guidelines taken over according to BREF and their revision/up-dating in line with last amendments made by EC;</li> <li>• Support to develop Technical Guidelines on IPPC sector - national level priority;</li> <li>• To advise the other RTAs/STEs from other parallel twinning projects with technically focussed activities related to IPPC issues whenever the case;</li> </ul>			
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<ul style="list-style-type: none"> <li>• To assist in developing the network for communication and exchange of information/progress related to IPPC issues, <b>REPA Craiova</b> getting the position of '<b>Focal Point</b>' among other REPAs and LEPAs during project implementation.</li> </ul>			
<p><b><u>Activities Task 1.10</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</li> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul>	<p><b><u>Means Task 1.10</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> </ul>		<p><b><u>Task 1.10</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>

<p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> </ul>	<ul style="list-style-type: none"> <li>• (Trained) staff employees of <b>REPA Pitesti</b> and subordinated LEPA and NEG;</li> <li>• Training modules.</li> </ul>		
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<ul style="list-style-type: none"> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for</li> </ul>			
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<p>contaminated sites to substantiate remediation actions/measures at regional level;</p> <ul style="list-style-type: none"> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the EIA/SEA studies’ reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects’ financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p>			
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<ul style="list-style-type: none"> <li>•Support to apply joint-provisions of several sectoral Directives (IPPC, LCP, air quality waste, waste incineration, VOCs, organic solvents, water Directives, etc.) in order to establish emissions limit values into various environmental factors (air, water, soil), for IPPC activities related to oil refinery, petrochemical and building materials, used in issuing environmental integrated permits;</li> <li>•To support the assessment of the Technical Guidelines (others than Craiova) taken over according to BREF and their revision/updating in line with last amendments made by European Commission;</li> <li>•To assess and make recommendations relating to the revision of the Internal and External Emergency Plans for the activities under SEVESO II;</li> <li>•To advise the other RTAs/STEs from other parallel twinning projects with technically focussed activities related to IPPC and risk management issues whenever the case;</li> <li>•To assist in developing the network for communication and exchange of information/progress related to IPPC and risk management issues, <b>REPA Pitesti</b> getting the position of '<i>Focal Point</i>' among other REPAs and LEPAs during project implementation.</li> </ul>			
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### **Activities Task 1.12**

#### **I. Daily activities**

##### **Institutional Capacity**

- To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;
- To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;
- To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;

##### ***Environmental Planning and Policy:***

- To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;

##### **Integrated Permitting Procedure**

- To support REPAs in reviewing the environmental integrated permits;

#### **Means Task 1.12**

- One Twinning Contract for 18 months;
- EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);
- Member State RTA; BC counterpart to RTA;
- Pool of short-term experts supporting daily activities;
- Pool of short-term experts supporting technical focused activities;
- Secretarial services and logistical support provided throughout twinning project implementation;
- (Trained) staff employees of **REPA Bacau** and subordinated LEPAs and NEG;
- Training modules.

#### **Task 1.12**

- Project's activities are starting in due time;
- Appropriate communication and collaboration between project stakeholders;
- Staff turnover is limited;
- Training is successfully carried out;
- Qualified experts identified and rapidly mobilized.

<ul style="list-style-type: none"> <li>•To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>•To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p>			
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<ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative 'case-study' (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p>			
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<ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the EIA/SEA studies' reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects' financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• Support to assess feasibility of new technological approaches to be applied for household waste sorting/ treatment in the context of the Regional Plan for Municipal Waste Management, including associated investment costs (population acceptance based on Romanian economic situation);</li> </ul>			
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<ul style="list-style-type: none"> <li>• Support to elaborate modern approaches related implementation of the future EU legislation requirements in the field of biodegradable household waste;</li> <li>• Support to take-over and harmonize Romanian legislation with latest EU legislation in the domestic waste management domain;</li> <li>• To advise the other RTAs/ STEs from the other twinning projects with specific activities related to urban and rural waste management issues whenever the case;</li> <li>• To assist in developing the communication and exchange of information network/ progress related to the urban and rural waste management, <b>REPA Bacau</b> getting the position of '<i>Focal point</i>' among other REPAs and LEPAs.</li> </ul>			
<p><b><u>Activities Task 1.14</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made</li> </ul>	<p><b><u>Means Task 1.14</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's</li> </ul>		<p><b><u>Task 1.14</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate</li> </ul>

<p>by the previous twinning project;</p> <ul style="list-style-type: none"> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul> <p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the</li> </ul>	<p>budget and national contribution (CFCU/MPF and MoEWM);</p> <ul style="list-style-type: none"> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of <b>REPA Galati</b> and subordinated LEPAs and NEG;</li> <li>• Training modules.</li> </ul>		<p>communication and collaboration between project stakeholders;</p> <ul style="list-style-type: none"> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilize</li> </ul>
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<p>Regional Waste Management Plan;</p> <ul style="list-style-type: none"> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting system on air quality;</li> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul>			
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<p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative 'case-study' (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> </ul>			
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<ul style="list-style-type: none"> <li>• To support reviewing the evaluation of the EIA/SEA studies' reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects' financial management and control.</li> </ul> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• To elaborate closure and after closure monitoring procedures for industrial waste landfills;</li> <li>• To elaborate guidelines on possible solutions for recovery of industrial waste in landfills, as alternative to landfills closure;</li> <li>• To develop training sessions on monitoring procedures for industrial waste landfills and guidelines on possible solutions for recovery of industrial waste in landfills;</li> <li>• Support to take-over and harmonize Romanian legislation with latest EU legislation in industrial waste management domain;</li> <li>• To advise the other RTAs/STEs from the other twinning projects with specific activities related to industrial waste management issue</li> </ul>			
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<p>whenever the case;</p> <ul style="list-style-type: none"> <li>• To assist in developing the communication and exchange of information network /progress related to the industrial waste management issues, <b>REPA Galati</b> getting the position of ‘<i>Focal Point</i>’ among other REPAs and LEPAs.</li> </ul>			
<p><b><u>Activities Task 1.16</u></b>  <b><u>I. Daily activities</u></b>  Institutional Capacity</p> <ul style="list-style-type: none"> <li>• To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</li> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> <li>• To design training programmes for REPA/LEPAs/NEG staff - on medium and long-run - on specific environmental protection issues based on results of the training needs assessment;</li> </ul>	<p><b><u>Means Task 1.16</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW’s budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and</li> </ul>		<p><b><u>Task 1.16</u></b></p> <ul style="list-style-type: none"> <li>• Project’s activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly</li> </ul>

<p><i>Environmental Planning and Policy:</i></p> <ul style="list-style-type: none"> <li>• To review, update and monitor the implementation of the Regional and Local Environmental Action Plans;</li> </ul> <p><i>Integrated Permitting Procedure</i></p> <ul style="list-style-type: none"> <li>• To support REPAs in reviewing the environmental integrated permits;</li> <li>• To support daily activities related to the integrated permitting procedure including monitoring of compliance;</li> <li>• To provide periodical training sessions for staff directly involved in permitting procedure and for IPPC applicants, on general and specific issues related IPPC and on environmental management system (EMS).</li> </ul> <p><i>Waste management</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Regional Waste Management Plan;</li> <li>• To support the optimisation of data collection system;</li> </ul> <p><i>Air quality and climate change</i></p> <ul style="list-style-type: none"> <li>• To monitor the implementation of the Action Plans and Programmes for Air Quality Management;</li> <li>• To support the optimisation of the reporting</li> </ul>	<p>logistical support provided throughout twinning project implementation;</p> <ul style="list-style-type: none"> <li>• (Trained) staff employees of <b>REPA Bucharest</b> and subordinated LEPA's and NEG;</li> <li>• Training modules.</li> </ul>		mobilized.
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<p>system on air quality;</p> <ul style="list-style-type: none"> <li>• To support reviewing/up-dating of climate change permits;</li> <li>• To support monitoring of compliance of regional operators developing specific activities with effect on earth climate.</li> </ul> <p><i>Biodiversity and nature protection</i></p> <ul style="list-style-type: none"> <li>• To up-date inventories of species and natural habitats;</li> <li>• To support monitoring the status of existing protected areas network;</li> <li>• To provide training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector;</li> <li>• To support up-dating the data collection/storage on nature protection;</li> </ul> <p><i>Soil/subsoil protection and ecological reconstruction</i></p> <ul style="list-style-type: none"> <li>• Support in permitting procedures for soil/subsoil remediation works/projects that need environmental agreement/permit;</li> <li>• Provide adequate training to staff involved in the analyse of application forms for remediation works/projects to further issuing the environmental agreement/permit;</li> </ul>			
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<ul style="list-style-type: none"> <li>• Support to develop analysis programmes for contaminated sites to substantiate remediation actions/measures at regional level;</li> <li>• Support to staff in developing a practical trial, for the most representative ‘case-study’ (complex contaminated site) in the region.</li> </ul> <p><i>Chemicals</i></p> <ul style="list-style-type: none"> <li>• Provide support to monitor the use and trade of restricted chemical substances;</li> <li>• Support to identify economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PBT, CMR) according to REACH procedure.</li> </ul> <p><i>Horizontal legislation</i></p> <ul style="list-style-type: none"> <li>• Support to REPA staff to apply EIA procedure for projects to be financed from Structural and Cohesion Funds (SCFs);</li> <li>• To support reviewing the evaluation of the EIA/SEA studies’ reports and subsequently related permitting process;</li> </ul> <p><i>Structural Instruments</i></p> <ul style="list-style-type: none"> <li>• Support in programming and project monitoring &amp; reporting activities;</li> <li>• Support in projects’ financial management and control.</li> </ul>			
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## **II. Focussed activities**

- Support to monitoring implementation of Noise Action Plans at regional level – establish procedures for monitoring plans' implementation;
- Support to reviewing and improving the Noise Action Plan for Bucharest agglomeration;
- Organize and provide training sessions to technical staff on specific noise issues;
- To advise the RTAs/STEs from other twinning projects with specific activities related to environmental noise issues whenever the case;
- To assist in developing the network for communication and exchange of information/progress related to environmental noise issues, getting the position of '**Focal Point**' among other REPAs and LEPAs during the project implementation

### **Activities Task 1.18 - NEPA**

#### **I. Daily activities**

##### Institutional Capacity

- To assess the existing institutional capacities, at regional and local levels with respect to expected performances of staff on

<p>their daily tasks and responsibilities as were established by law (SWOT/GAP analysis); to assess the status of fulfilling the recommendations made by the previous twinning project;</p> <ul style="list-style-type: none"> <li>• To make recommendations to optimise the institutional capacity; up-date training needs assessment (GAP filling); elaborate strategy on personnel development;</li> </ul> <p>Policy and strategy</p> <ul style="list-style-type: none"> <li>• <i>Support to drawing up The National Noise Action Plan – further alignment/updating of The National Noise Action Plan with EU latest legislation/recommendations – development of training sessions;</i></li> <li>• <i>Support to review and updating the National Atmosphere Protection Strategy in line with the EU strategy/policy;</i></li> <li>• <i>Support for updating/modernization of National Policy and Strategy Development in the field of environmental protection;</i></li> <li>• <i>Support in reviewing the National Strategy on Waste Management.</i></li> </ul> <p>Monitoring the state of environment</p> <ul style="list-style-type: none"> <li>• <i>Support in improvement monitoring and control activities for different installations</i></li> </ul>	<p><b><u>Means Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>• One Twinning Contract for 18 months;</li> <li>• EDIS parallel-financial management of the TW's budget and national contribution (CFCU/MPF and MoEWM);</li> <li>• Member State RTA; BC counterpart to RTA;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• Pool of short-term experts supporting technical focused activities;</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• NEPA staff trained;</li> <li>• Training modules.</li> </ul>		<p><b><u>Task 1.18</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>
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<p><i>with long transition period (IPPC, LCP);</i></p> <ul style="list-style-type: none"> <li>• <i>Support to optimise the existing IPPC database;</i></li> <li>• <i>Support in implementing CAFÉ Programme;</i></li> <li>• <i>Support in monitoring the implementation of the National Action Plans for Environment, National Action Plan for Air Quality and Climate Changes, National Action Plan for Waste Management and The National Noise Action Plan.</i></li> </ul> <p>Operational duties/Permitting process</p> <ul style="list-style-type: none"> <li>• <i>Support to develop 'PRTR Reporting Procedures' (on-line reporting: operator → local authority → regional authority → national authority);</i></li> <li>• <i>Support in drawing-up Guideline/Manual/Procedures for qualitative evaluation of the IPPC integrated permits issued;</i></li> <li>• <i>Provide support in drawing-up and implementation of the contaminated sites rehabilitation criteria (petrochemical, chemical and radioactive polluted sites);</i></li> <li>• <i>Support in fulfilling the Romanian obligations regarding compliance and reporting, as future Member State, in all</i></li> </ul>			
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<p><i>specific activities, in line with NEPA's legally established responsibilities;</i></p> <ul style="list-style-type: none"> <li>• <i>Support in establishing the EC reporting formats for pollution control domains - noise, waste, air quality, nature protection fields;</i></li> <li>• <i>Develop training sessions on reporting.</i></li> </ul> <p><i>Monitoring – National Reference Laboratories</i></p> <ul style="list-style-type: none"> <li>• <i>Support to improve operating The Integrated Environmental Monitoring System, for the National Reference Laboratories (air, waste, noise, water and radioactivity) in order to prepare them for international accreditation/certification (GLP, Standard Operating Procedures, Quality Manual, inter-comparison/inter-calibration exercises, auditing trials, etc.);</i></li> <li>• <i>Support for coordination 'the emission monitoring' (continuously and discontinuously) and associated their regular reporting to permitting authorities;</i></li> <li>• <i>Provide training on modelling air pollutants dispersion.</i></li> </ul> <p><i>Training</i></p> <ul style="list-style-type: none"> <li>• <i>Further support for 'Training Programmes' implementation and co-ordination on</i></li> </ul>			
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<p><i>various issues related environmental protection.</i></p> <p><b><u>II. Focussed activities</u></b></p> <ul style="list-style-type: none"> <li>• <i>Co-ordinate the other twinning projects running at regional level;</i></li> <li>• <i>To advise other RTAs/STEs from parallel twinning projects on specific issues related reporting procedure;</i></li> <li>• <i>To co-ordinate the communication and exchange of information with the sector parallel twinning projects and progress registered at national level.</i></li> </ul> <p><b><u>Activities Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• To strengthen the institutional capacities at regional and local levels, good institutional management and technical performances of staff;</li> <li>• To train NEG's staff involved in inspection and control activities related IPPC, SEVESO II, VOCs, WEEE management, industrial</li> </ul>			
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<p>waste management, nature protection, water management and GMOs.</p> <p><b><u>Activities Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Design of specific source-related monitoring programmes in terms of locations, sample types and sampling frequencies;</li> <li>• Elaboration of methodological guidelines for the NERSN corresponding to the equipment purchased under Phare 2003 project and the source-related monitoring programmes;</li> <li>• Training of the staff involved in source-related environmental radioactivity monitoring.</li> </ul>	<p><b><u>Means Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• One Contract for 18 months;</li> <li>• Pool of short-term experts supporting daily activities;</li> <li>• EDIS financial management of the Contract payments (CFCU/MPF);</li> <li>• Secretarial services and logistical support provided throughout twinning project implementation;</li> <li>• (Trained) staff employees of NEG;</li> <li>• Training modules.</li> </ul> <p><b><u>Means Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• One Service Contract for 18 months;</li> <li>• EDIS financial management of the Contract payments (CFCU/MPF);</li> <li>• Team Leader, Deputy and a bunch of Short Term Experts;</li> <li>• Backstopping facilities</li> </ul>		<p><b><u>Task 1.19</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul> <p><b><u>Task 1.20</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> </ul>
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<p><b><u>Activities Task 1.21</u></b></p> <p>To endow the National Environmental Training Centre with necessary IT and communication equipment to strengthen staff's knowledge and skills on environmental protection issues, to attain sustainability of the educational process.</p>	<p>during project implementation.</p> <p><b><u>Means Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• One Supply Contracts for 9 months;</li> <li>• EDIS joint-financial management of Contract payments;</li> <li>• EU Phare investment support is 75% from the total amount and the national co-financing provided by the National Fund/ MPF will be 25% of the Supply Contract value.</li> </ul>		<ul style="list-style-type: none"> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul> <p><b><u>Task 1.21</u></b></p> <ul style="list-style-type: none"> <li>• Project's activities are starting in due time;</li> <li>• Equipment is delivered in due-time and ensures desirable standards of quality;</li> <li>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Staff turnover is limited;</li> <li>• Training is successfully carried out;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>
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## 23 Annex 1 - Phare Projects Monitoring Sheet

### 1.31. 2006 Phare Programme, Environment

**Priorities I→VI/ENV – Strengthening the Capacity of the Regional Environmental Protection Agencies (REPAs), Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) in Implementing, Monitoring and Enforcement of the Transposed Environmental Legislation - Phase II**

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b><u>TASK 1.2 - TWINNING</u></b>						
<b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON AIR QUALITY – REPA CLUJ</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract;</li> <li>▪ Project reports and documentation;</li> <li>▪ Regional</li> </ul>			

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
			Development Plans;			
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09	<ul style="list-style-type: none"> <li>▪ Regional / Local Environmental Action Plans;</li> <li>▪ Needs assessment report;</li> <li>▪ Reports of the STEs during missions within project;</li> <li>▪ Training evaluation reports;</li> <li>▪ Minutes of the PSC meetings;</li> <li>▪ Monthly Technical Progress Reports</li> </ul>			
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09		REPA Cluj MEWM		
	Data collection/storage systems improved	12/08		REPA Cluj MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08		REPA Cluj MEWM		
	<b>REPA Cluj-Napoca</b> acting as Focal Point for the other REPAs/LEPAs/NEG/ NEPA regarding the technically focussed activities in air quality and climate changes sector;	05/09		REPA Cluj MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09	(TPRs); ▪ Minutes Monthly Meeting; ▪ Report to Sectoral Monitoring Sub-Committee no.9	REPA Cluj MEWM		
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09		REPA Cluj MEWM		
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF -CFCU		
<b><u>TASK 1.4 - TWINNING</u></b> <b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON NATURE PROTECTION – REPA SIBIU</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract;</li> <li>▪ Project reports and documentation;</li> </ul>	REPA Sibiu MEWM		
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09	<ul style="list-style-type: none"> <li>▪ Regional Development Plans;</li> <li>▪ Regional / Local Environmental Action Plans;</li> <li>▪ Needs assessment report;</li> <li>▪ Reports of the STEs during missions within project;</li> </ul>			
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09				
	Data collection/storage systems improved	12/08				
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	<b>REPA Sibiu</b> acting as ‘ <b>Focal Point</b> ’ for the other REPAs/LEPAs/NEPA regarding the technically focussed activities regarding nature protection.	05/09	<ul style="list-style-type: none"> <li>▪ Training evaluation reports;</li> <li>▪ Minutes of the PSC meetings;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Minutes Monthly Meeting;</li> <li>▪ Report to Sectoral Monitoring Sub-Committee no.9</li> </ul>			
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09				
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09				
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF –CFCU		
<b><u>TASK 1.6 - TWINNING</u></b> <b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON SOIL/SUBSOIL AND ECOLOGICAL RECONSTRUCTION – REPA TIMISOARA</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract;</li> <li>▪ Project reports and documentation;</li> <li>▪ Regional Development Plans;</li> <li>▪ Regional / Local Environmental Action Plans;</li> <li>▪ Needs assessment report;</li> <li>▪ Reports of the STEs during missions within project;</li> <li>▪ Training</li> </ul>	REPA Timisoara MEWM		
	All regional and local EPAs' and NEG's' staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09		REPA Timisoara MEWM		
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09		REPA Timisoara MEWM		
	Data collection/storage systems improved	12/08		REPA Timisoara MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08		REPA Timisoara MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	<b>REPA Timisoara</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities regarding soil/subsoil and ecological reconstruction sector.	05/09	evaluation reports; ▪ Minutes of the PSC meetings; ▪ Monthly Technical Progress Reports (TPRs); ▪ Minutes Monthly Meeting; ▪ Report to Sectoral Monitoring Sub-Committee no.9	REPA Timisoara MEWM		
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09		REPA Timisoara MEWM		
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09		REPA Timisoara MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF -CFCU		
<b><u>TASK 1.8 - TWINNING</u></b> <b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSED ON IPPC – SUPPORT TO REPA CRAIOVA</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	<b>12/07</b>	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract;</li> <li>▪ Project reports and documentation</li> <li>▪ Regional Development Plans;</li> <li>▪ Regional / Local</li> </ul>	REPA Craiova MEWM		
	All regional and local EPAs' and NEG's' staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09		REPA Craiova MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09	Environmental Action Plans; ■ Needs assessment report; ■ Reports of the STEs during missions within project; ■ Training evaluation reports; ■ Minutes of the PSC meetings; ■ Monthly Technical Progress Reports (TPRs); ■ Minutes Monthly Meeting; ■ Report to Sectoral Monitoring Sub-Committee no.9	REPA Craiova MEWM		
	Data collection/storage systems improved	12/08		REPA Craiova MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08		REPA Craiova MEWM		
	<b>REPA Craiova</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities on IPPC sector.	05/09		REPA Craiova MEWM		
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09				
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09		REPA Craiova MEWM		
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09		REPA Craiova MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Project Completion	05/09	Final report approved	MPF -CFCU		
<b><u>TASK 1.10 - TWINNING</u></b>						
<b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON IPPC AND RISK MANAGEMENT – SUPPORT TO REPA PITESTI</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract;</li> <li>▪ Project reports and documentation</li> <li>▪ Regional Development Plans</li> <li>▪ Regional / Local Environmental Action Plans</li> <li>▪ Needs</li> </ul>	REPA Pitesti MEWM		
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09		REPA Pitesti MEWM		
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09		REPA Pitesti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Data collection/storage systems improved	12/08	assessment report;	REPA Pitesti MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08	▪ Reports of the STEs during missions within project;	REPA Pitesti MEWM		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	▪ Training evaluation reports;	REPA Pitesti MEWM		
			▪ Minutes of the PSC meetings;			
	<b>REPA Pitesti</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities on IPPC and risk management sector.	05/09	▪ Monthly Technical Progress Reports (TPRs);	REPA Pitesti MEWM		
			▪ Minutes Monthly Meeting;			
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09	▪ Report to Sectoral Monitoring Sub-Committee no.9	REPA Pitesti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09				
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF -CFCU		
<b><u>TASK 1.12 - TWINNING</u></b>						
<b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON DOMESTIC WASTE MANAGEMENT - REPA BACAU</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	<b>12/07</b>	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract</li> <li>▪ Project reports and</li> </ul>	REPA Bacau MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09	documentation; ▪ Regional Development Plans; ▪ Regional / Local Environmental Action Plans;	REPA Bacau MEWM		
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09	▪ Needs assessment report;	REPA Bacau MEWM		
	Data collection/storage systems improved	12/08	▪ Reports of the STEs during missions within project;	REPA Bacau MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08	▪ Training evaluation reports;	REPA Bacau MEWM		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	▪ Minutes of the PSC meetings;	REPA Bacau MEWM		
	<b>REPA Bacau</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities on domestic waste management sector.	05/09	▪ Monthly Technical Progress Reports (TPRs);	REPA Bacau MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09	<ul style="list-style-type: none"> <li>Minutes Monthly Meeting;</li> <li>Report to Sectoral Monitoring Sub-Committee no.9</li> </ul>	REPA Bacau MEWM		
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09				
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF -CFCU		
<b><u>TASK 1.14 - TWINNING</u></b> <b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON INDUSTRIAL WASTE MANAGEMENT – REPA GALATI</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract</li> <li>▪ Project reports and documentation;</li> <li>▪ Regional Development Plans;</li> <li>▪ Regional / Local Environmental Action Plans</li> <li>▪ Needs assessment report;</li> <li>▪ Reports of the STEs during missions within project;</li> </ul>	REPA Galati MEWM		
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09		REPA Galati MEWM		
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09		REPA Galati MEWM		
	Data collection/storage systems improved	12/08		REPA Galati MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08		REPA Galati MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Training evaluation reports;</li> <li>▪ Minutes of the PSC meetings;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Minutes Monthly Meeting;</li> <li>▪ Report to Sectoral Monitoring Sub-Committee no.9</li> </ul>	REPA Galati MEWM		
	<b>REPA Galati</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities on industrial waste management sector.	05/09		REPA Galati MEWM		
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09		REPA Galati MEWM		
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09				
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Project Completion	05/09	Final report approved	MPF -CFCU		
<b><u>TASK 1.16 - TWINNING</u></b> <b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS FOCUSSED ON ENVIRONMENTAL NOISE – REPA BUCHAREST</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	12/07	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract</li> <li>▪ Project reports and documentation;</li> <li>▪ Regional Development Plans;</li> <li>▪ Regional / Local</li> </ul>	REPA Bucuresti MEWM		
	All regional and local EPAs’ and NEG’s staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09		REPA Bucuresti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09	Environmental Action Plans <ul style="list-style-type: none"> <li>Needs assessment report;</li> <li>Reports of the STEs during missions within project;</li> <li>Training evaluation reports;</li> <li>Minutes of the PSC meetings;</li> <li>Monthly Technical Progress Reports (TPRs);</li> <li>Minutes Monthly Meeting;</li> <li>Report to Sectoral Monitoring Sub-Committee no.9</li> </ul>	REPA Bucuresti MEWM		
	Data collection/storage systems improved	12/08		REPA Bucuresti MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08		REPA Bucuresti MEWM		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09		REPA Bucuresti MEWM		
	<b>REPA Bucharest</b> acting as ' <i>Focal Point</i> ' for the other REPAs/LEPAs/NEPA regarding the technically focussed activities on environmental noise sector.	05/09		REPA Bucuresti MEWM		
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09		REPA Bucuresti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated.	01/09				
	Trained staff with well developed skills for the specific areas of the Focal Point.	01/09				
	Project Completion	<b>05/09</b>	Final report approved	MPF -CFCU		
<b><u>TASK 1.18 - TWINNING</u></b>						
<b>IMPLEMENTATION AND ENFORCEMENT OF THE ENVIRONMENTAL ACQUIS AT NATIONAL LEVEL AND COORDINATION OF THE OTHER 8 REGIONAL TWINNING PROJECTS – NEPA BUCHAREST</b>						
	Call for Proposals – twinning fiche circulated in MS	06/07	europa.eu.int	MPF- CFCU		
	Twining Partner selected	08/07	europa.eu.int	MPF- CFCU		
	Contract signed	11/07	Signed contract	MPF- CFCU EC Delegation MS twinning partner MEWM		
	Notification of Contract	<b>12/07</b>	Administrative Order	MPF-CFCU EC Delegation		
	Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff;	05/09	<ul style="list-style-type: none"> <li>▪ Twinning Contract</li> <li>▪ Project reports and</li> </ul>	NEPA Bucuresti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection trained and consequently, associated competencies, knowledge and skills significantly improved;	05/09	documentation; ▪ Regional Development Plans; ▪ Regional / Local Environmental Action Plans	NEPA Bucuresti MEWM		
	Regional component of the relevant strategic and planning documents on environmental protection reviewed and improved/updated;	05/09	▪ Needs assessment report; ▪ Reports of the STEs during missions within project;	NEPA Bucuresti MEWM		
	Data collection/storage systems improved;	12/08		NEPA Bucuresti MEWM		
	Programmes for remediation actions/measures of contaminated sites in the region developed;	10/08	▪ Training evaluation reports; ▪ Minutes of the PSC meetings;	NEPA Bucuresti MEWM		
	Trained staff with well developed skills for the specific areas of the Focal Point;	05/09	▪ Monthly Technical Progress Reports (TPRs); ▪ Minutes Monthly	NEPA Bucuresti MEWM		
	Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP Environment;	05/09		NEPA Bucuresti MEWM		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	National guidelines/standards, procedure manuals provided by the Focal Point on its technically focussed activities disseminated;	05/09	Meeting; ▪ Report to Sectoral Monitoring Sub-Committee no.9	NEPA Bucuresti MEWM		
	NEPA acting as Focal Coordination Point for the other REPAs/LEPAs and NEG;	05/08		NEPA Bucuresti MEWM		
	Project Completion	05/09	Final report approved	MPF -CFCU		
<b>Task 1.19 (TA) – Support to the National Environmental Guard (NEG) by Strengthening Its Capacity on Inspection and Control</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	02/07	Shortlist	MPF -CFCU		
	Tender launched	02/07	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	01/07	Administrative Order	MPF-CFCU		
	Personnel of the NEG commissars from national, regional and local level trained on inspection and control procedures in line with the requirements of the EU Directives.	11/08	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and</li> </ul>			

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
			procedure manuals of similar programs in EU Member States as example; ■ Minutes of the Project Steering Committee (PSC); ■ Minutes of Monthly Meetings; ■ SMIS no.9.			
	Project Completion	<b>06/08</b>	Final report approved	MPF -CFCU		
<b>Task 1.20 (TA) – Technical Assistance to NEPA for Setting-up and Implementation of Source-related Environmental Radioactivity Monitoring Programme</b>						
	ToR designed and approved	12/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	12/06	Shortlist	MPF -CFCU		
	Tender launched	12/06	Tender publication	MPF -CFCU		
	Contract signed	12/06	Signed contract	MPF- CFCU		
	Project's activities start	<b>01/07</b>	Administrative Order	MPF-CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	The source-related environmental monitoring programmes delivered and operational;	06/08	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> <li>▪ Minutes of the Project Steering Committee (PSC);</li> <li>▪ Minutes of Monthly Meetings;</li> <li>▪ SMIS no.9.</li> </ul>			
	Procedures, techniques and the related manuals/ documentation delivered by Consultant;	06/08				
	Staff trained in carrying out the source-related monitoring programmes.	06/08				
	Project Completion	06/08	Final report approved	MPF -CFCU		
<b>Task 1.21 (INV) – Equipment Acquisition for the National Environmental Training Centre</b>						
	TS designed and approved	10/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	11/06	europa.eu.int	MPF -CFCU		
	Tender launched	11/06	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed Contract	MPF -CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Project's activities start	07/07	Administrative Order	MPF-CFCU		
	All equipment for endowment the National Environmental Training Centre installed and entirely operational.	03/08	<ul style="list-style-type: none"> <li>▪ Supply Contract;</li> <li>▪ Provisional Acceptance document;</li> <li>▪ Technical Progress Reports;</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes Monthly Meetings;</li> <li>▪ Training report;</li> <li>▪ Beneficiaries of the equipment;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Reports (TPR);</li> <li>▪ SMIS.</li> </ul>			
	Project Completion	03/08	Final report approved	MPF -CFCU		

1.32.

1.33.

1.34. 2006 Phare Programme, Environment

Priority I/ENV – Strengthening Institutional Capacity to Implement Horizontal and Noise Related Legislation

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b>Task 2.3 (INV) – Equipment Acquisition for Noise Monitoring System</b>						
	TS designed and approved	10/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	11/06	europa.eu.int	MPF -CFCU		
	Tender launched	11/06	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed Contract	MPF -CFCU		
	Project's activities start	<b>01/07</b>	Administrative Order	MPF-CFCU		
	Equipment for environmental noise measurements and data acquisition, storage and transmission purchased and operational;	03/08	<ul style="list-style-type: none"> <li>▪ Supply Contract;</li> <li>▪ Provisional Acceptance</li> </ul>			

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Staff trained in operating the equipment and software purchased.	03/08	document; <ul style="list-style-type: none"> <li>▪ Technical Progress Reports;</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes Monthly Meetings;</li> <li>▪ Training report;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> </ul>			
			<ul style="list-style-type: none"> <li>▪ Beneficiaries of the equipment;</li> <li>▪ SMIS.</li> </ul>			
	Project Completion	09/07	Final report approved	MPF -CFCU		

1.35.

**1.36. 2006 Phare Programme, Environment**

**Priority II/ENV – Strengthening Institutional Capacity for the Implementation and Enforcement of IPPC and Air Quality Legislation**

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b>Task 3.3. (INV)– Equipment Acquisition for the Regional Air Quality Monitoring Network</b>						
	TS designed and approved	10/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	11/06	europa.eu.int	MPF -CFCU		
	Tender launched	11/06	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed contract	MPF -CFCU		
	Project's activities start	<b>03/07</b>	Administrative Order	MPF-CFCU		
	The regional air quality monitoring equipment delivered, installed, tested and full operational;	11/07	<ul style="list-style-type: none"> <li>▪ Supply Contract;</li> <li>▪ Provisional</li> </ul>	MEWM-PIU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Procedures, techniques and equipment operation manuals/ documentation delivered;	11/07	Acceptance document;	MEWM-PIU		
	Staff adequate trained in operating delivered equipment.	11/07	<ul style="list-style-type: none"> <li>▪ Technical Progress Reports;</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes Monthly Meetings;</li> <li>▪ Training report;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Beneficiaries of the equipment;</li> <li>▪ SMIS.</li> </ul>	MEWM-PIU		
	Project Completion	11/07	Final report approved	MPF -CFCU		
<b>Task 3.5 (TA) – Support in the Implementation of the EU Requirements Concerning Monitoring and Reporting CO<sub>2</sub> and other Greenhouse Gas Emissions</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	02/07	Shortlist	MPF -CFCU		
	Tender launched	02/07	Tender publication	MPF -CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	01/07	Administrative Order	MPF-CFCU		
	The national system for the assessment of the anthropogenic emissions at sources and sequestration of greenhouse gas emissions improved;	12/07	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> <li>▪ Minutes of the Project Steering Committee meetings;</li> <li>▪ SMSC no.9;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Minutes of Monthly Meeting;</li> <li>▪ SMIS.</li> </ul>	MEWM-PIU		
	More national emission factors and national methods for calculation of emission values in different sectors and activities defined and approved based on thorough research;	12/07		MEWM-PIU		
	National emission factors and methods for calculation of emission values from various fields of activity, especially for key categories and activities in the energy, agriculture and land use change and forestry sectors approved and used in the coming submissions of inventories;	12/07		MEWM-PIU		
	The national GHG inventory improved;	06/08		MEWM-PIU		
	The personnel working in the climate change sector at central and local level trained;	06/08		MEWM-PIU		
	Training, information and awareness rising for the public delivered.	06/08		MEWM-PIU		

<b>Task</b>	<b>Result / benchmark</b>	<b>Foreseen deadline</b>	<b>Source of information</b>	<b>Information provided by</b>	<b>Status</b>	<b>Proposed Action by SMC</b>
	Project Completion	<b>06/08</b>	Final report approved	MPF -CFCU		

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### Priority III/ENV – Further Implementation of the Waste Management related Legislation

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b>Task 4.7. (TA) – Technical Assistance For Preparation of a Strategy and Action Plan for the Rehabilitation of Historical Polluted Sites</b>						
	TS designed and approved	11/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	02/07	Shortlist	MPF -CFCU		
	Tender launched	02/07	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed contract	MPF -CFCU		
	Project's activities start	<b>01/07</b>	Administrative Order	MPF -CFCU		
	Data collection with the view to develop an inventory of the historical contaminated sites developed;		<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member</li> </ul>	MEWM- PIU		
	Historical contaminated sites database organized;			MEWM- PIU		
	Strategy and Action Plan for the rehabilitation of historical contaminated sites prepared;			MEWM- PIU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	3 investment projects on sites rehabilitation, ready for submission for financing under Structural Funds.		States as example; <ul style="list-style-type: none"> <li>Minutes of the Project Steering Committee meetings;</li> <li>SMSC no.9;</li> <li>Minutes of Monthly Meeting;</li> <li>Monthly Technical Progress Reports (TPRs);</li> <li>SMIS.</li> </ul>	MEWM- PIU		
	Project Completion	06/08	Approved final report	MPF -CFCU		
<b>Task 4.8 (TA) – Technical Assistance for the Improvement of the Internal Management of the Hazardous Waste Generated by Healthcare Facilities According To European Standards</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	02/07	Shortlist	MPF -CFCU		
	Tender launched	02/07	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed contract	MPF -CFCU		
	Project's activities start	01/07	Administrative Order	MPF -CFCU		
	Personnel awareness on the necessity of a correct management system by information and continuous professional training implemented;	12/07	<ul style="list-style-type: none"> <li>Service Contract;</li> <li>Technical Progress Reports;</li> </ul>	MEWM- PIU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Minimization actions related healthcare waste quantity, particularly hazardous waste achieved through a rigorous selective collection designed;	12/07	<ul style="list-style-type: none"> <li>Projects' monitoring reports;</li> </ul>	MEWM- PIU		
	Selective collection process of the non-hazardous waste generated by sanitary units, which could be recycled and recovered improved;	06/08	<ul style="list-style-type: none"> <li>Training reports;</li> <li>Guidelines and procedure manuals of similar programs in EU Member States as example;</li> </ul>			
	Minimization of risks generated by improper handling of the hazardous waste;	06/08	<ul style="list-style-type: none"> <li>Minutes of the Project Steering Committee meetings;</li> </ul>			
	Improved accuracy of database concerning healthcare waste management ;	06/08	<ul style="list-style-type: none"> <li>Monthly Technical Progress Reports (TPRs);</li> <li>SMSC no.9;</li> <li>Minutes of Monthly Meeting;</li> <li>SMIS.</li> </ul>			
	Improved efficiently between collaboration institutions in healthcare waste management field.	06/08				
	Project Completion	06/08	Approved final report	MPF-CFCU		
<b>Task 4.9. (INV) – Procurement of Equipment Used for Treatment and Final Disposal of Hazardous Healthcare Waste, According To National Legislation and European Standards</b>						
	TS designed and approved	10/06	Tender Dossier	MPF -CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Procurement notice published	11/06	europa.eu.int	MPF -CFCU		
	Tender launched	11/06	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	<b>03/07</b>	Administrative Order	MPF -CFCU		
	Equipment for treatment and final disposal of hazardous healthcare waste, according to the national legislation and European standards procured, installed and made operational;	11/07	<ul style="list-style-type: none"> <li>▪ Supply Contract;</li> <li>▪ Provisional Acceptance document;</li> <li>▪ Technical Progress Reports;</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes Monthly Meetings;</li> <li>▪ Training report;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Beneficiaries of the equipment;</li> <li>▪ SMIS.</li> </ul>			
	Monitoring network for waste facilities – pilot project phase -set-up.	11/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Project Completion	11/07	Approved final report	MPF -CFCU		
<b>Task 4.10 (TA) – Technical Assistance for Transposition and Implementation of Directive on Extractive’s Industry Waste Management</b>						
	ToR designed and approved	12/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Shortlist established	02/07	Shortlist	MPF -CFCU		
	Tender launched	02/07	Tender publication	MPF -CFCU		
	Contract signed	06/07	Signed contract	MPF -CFCU		
	Project’s activities start	01/07	Administrative Order	MPF -CFCU		
	The assessment of present situation for all waste from extractive industries facilities, taking into account the provisions of new Directive elaborated;	03/07	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects’ monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> </ul>			
	Transposition of new proposed EU Directive on management of waste from extractive industries and corresponding institutional framework carried out;	05/07				
	The necessary actions for implementation process of the provisions of new mining Directive established;	08/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Main stakeholders in the mining field trained;	08/07	<ul style="list-style-type: none"> <li>Minutes of the Project Steering Committee meetings;</li> <li>SMSC no.9;</li> <li>Monthly Technical Progress Reports (TPRs);</li> <li>Minutes of Monthly Meeting;</li> <li>SMIS.</li> </ul>			
	Public awareness actions regarding waste from extractive industries performed.	12/08				
	Project Completion	<b>01/08</b>	Approved final report	MPF -CFCU		
<b>Task 4.11 (INV) – Procurement of Equipment for the Monitoring Network of Waste Facilities from the Extractive Industry – pilot project</b>						
	TS designed and approved	12/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF -CFCU		
	Tender launched	12/06	Tender publication	MPF- CFCU		
	Contract signed	03/07	Signed contract	MPF- CFCU		
	Project's activities start	<b>03/07</b>	Administrative Order			
	Equipment for the monitoring network associated to waste facilities from extractive industry procured, installed and fully	03/07	<ul style="list-style-type: none"> <li>Supply Contract;</li> <li>Provisional Acceptance</li> </ul>			

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	operational.		document; ▪ Technical Progress Reports; ▪ SMSC no.9; ▪ Minutes Monthly Meetings; ▪ Training report; ▪ Monthly Technical Progress Reports (TPRs); ▪ Beneficiaries of the equipment; ▪ SMIS.			
	Project Completion	<b>03/08</b>	Approved final report	MPF -CFCU		

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**Priority IV/ENV – Support to Implement the Provisions of the Water Framework Directive**

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b>Task 5.5. (TA) - Assistance for Completion of Pollution Phase-out Programmes for Toxic, Persistent, Bio=accumulable Substances from List I under Transition period Granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Dichlorethn, Hexachlorbenzol, Trichlorbenzol, Trichlorethylen and Hexachlorbutadiene</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF- CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF- CFCU		
	Shortlist established	02/07	Shortlist	MPF- CFCU		
	Tender launched	02/07	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	<b>01/07</b>	Administrative Order	MPF- CFCU		
	The pollution mitigation programmes established based on types of improved activities;	06/07	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of</li> </ul>			
	The alternative friendly environmental technologies identified;	10/07				
	The financial mechanisms for the investments identified;	12/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	The economical – financial policies for the costs recovery identified and assessed.	05/08	similar programs in EU Member States as example; ▪ Monthly Technical Progress Reports (TPRs); ▪ Minutes of the Project Steering Committee meetings; ▪ SMSC no.9; ▪ Minutes of Monthly Meeting; ▪ SMIS.			
	Project Completion	06/08	Approved final report	MPF- CFCU		
<b>Task 5.6 (TA) – Assistance in Preparing the Implementation of Requirements of Directive on Quality of Water Intended for Human Consumption</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF- CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF- CFCU		
	Shortlist established	02/07	Shortlist	MPF- CFCU		
	Tender launched	02/07	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Project's activities start	01/07	Administrative Order	MPF- CFCU		
	Implementing capacity in relation with Directive's requirements on quality of water for human consumption improved;	08/07	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> </ul>			
	Implementing programmes and necessary investments established;	12/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Investments programme for rural areas that have not centralized water supply endowment prepared.	05/08	<ul style="list-style-type: none"> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> <li>▪ Minutes of the Project Steering Committee meetings;</li> <li>▪ SMSC no.9;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ Minutes of Monthly Meeting;</li> <li>▪ SMIS.</li> </ul>			
	Project Completion	06/08	Approved final report	MPF- CFCU		
<b>Task 5.7 (TA) – Assistance in Preparing of Gradual Compliance with Requirements of Directive Concerning Urban Wastewater Treatment</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF- CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF- CFCU		
	Shortlist established	02/07	Shortlist	MPF- CFCU		
	Tender launched	02/07	Tender	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
			publication			
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	01/07	Administrative Order	MPF- CFCU		
	Programmes for the urban wastewater collecting and treatment optimised;	08/07	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> </ul>			
	Optimal and sustainable solutions regarding operating and maintenance of collecting and treatment wastewater systems established;	12/07	<ul style="list-style-type: none"> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> <li>▪ Minutes of the Project Steering Committee meetings;</li> <li>▪ Monthly</li> </ul>			

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	Corresponding solutions for towns/cities bellow 2,000 equivalent inhabitants established.	05/08	Technical Progress Reports (TPRs); ▪ SMSC no.9; ▪ Minutes of Monthly Meeting; ▪ SMIS.			
	Project Completion	06/08	Approved final report	MPF- CFCU		

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**Priority V/ENV – Implementation of Natura 2000 Network**

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
<b>Task 6.2 (INV) - Investment Support for Implementation NATURA 2000 Network</b>						
	TS designed and approved	10/06	Tender Dossier	MPF -CFCU		
	Procurement notice published	11/06	europa.eu.int	MPF -CFCU		
	Tender launched	11/06	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	<b>03/07</b>	Administrative Order	MPF -CFCU		
	The sites' management structures endowed with proper equipment necessary to implement Natura 2000 Network requirements;	12/07	<ul style="list-style-type: none"> <li>▪ Supply Contract;</li> <li>▪ Provisional Acceptance document;</li> <li>▪ Technical Progress Reports;</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes Monthly Meetings;</li> <li>▪ Training report;</li> <li>▪ Monthly</li> </ul>			
	Staff trained in operating the acquired equipment and software.	12/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
			Technical			
			Progress Reports (TPRs); <ul style="list-style-type: none"> <li>▪ Beneficiaries of the equipment;</li> <li>▪ SMIS.</li> </ul>			
	Project Completion	<b>12/07</b>	Approved final report	MPF- CFCU		
<b>Task 6.3 (TA) – Raising Awareness about Nature Conservation and the Value of Natura 2000 Sites</b>						
	ToR designed and approved	11/06	Tender Dossier	MPF- CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF- CFCU		
	Shortlist established	02/07	Shortlist	MPF- CFCU		
	Tender launched	02/07	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	<b>01/07</b>	Administrative Order	MPF- CFCU		

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	The Romanian Protected Areas Catalogue, the Romanian Catalogue of Protected Natural Habitats, Romanian Catalogue of Protected Wild Species, Maps of Protected Areas published and distributed;	03/08	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> </ul>			
	A nation-wide programme of awareness-raising events on Natura 2000 themes implemented.	05/08	<ul style="list-style-type: none"> <li>▪ Minutes of the Project Steering Committee meetings;</li> <li>▪ Monthly Technical Progress Reports (TPRs);</li> <li>▪ SMSC no.9;</li> <li>▪ Minutes of Monthly Meeting;</li> <li>▪ SMIS.</li> </ul>			
	Project Completion	06/08	Approved final report	MPF- CFCU		
<b>Task 6.4 (TA) – Support for the Implementation of EU Requirements regarding GMOs</b>						

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	ToR designed and approved	11/06	Tender Dossier	MPF- CFCU		
	Procurement notice published	12/06	europa.eu.int	MPF- CFCU		
	Shortlist established	02/07	Shortlist	MPF- CFCU		
	Tender launched	02/07	Tender publication	MPF- CFCU		
	Contract signed	06/07	Signed contract	MPF- CFCU		
	Project's activities start	01/07	Administrative Order	MPF- CFCU		
	The institutional framework at central, regional and local level strengthened.	06/08	<ul style="list-style-type: none"> <li>▪ Service Contract;</li> <li>▪ Technical Progress Reports;</li> <li>▪ Projects' monitoring reports;</li> <li>▪ Training reports;</li> <li>▪ Guidelines and procedure manuals of similar programs in EU Member States as example;</li> <li>▪ Minutes of the Project Steering Committee meetings;</li> <li>▪ Monthly Technical Progress Reports</li> </ul>			
	An efficient communication and coordination between the governmental and non-governmental stakeholders ensured;	06/07				
	The personnel within the Central Authority for Environmental Protection and other stakeholders, trained in order to ensure an efficient control of compliance;	01/08				
	The personnel within the National Environmental Protection Agency and the Regional Environmental Protection Agencies trained in order to ensure an efficient implementation.	01/08				
	Specific guides and manuals regarding the content of the Risk Assessment Study, for monitoring, inspections, implementation drawn up;	12/07				

Task	Result / benchmark	Foreseen deadline	Source of information	Information provided by	Status	Proposed Action by SMC
	The needs regarding setting-up and functioning of the National Reference Laboratory for GMOs and improving the Biosafety National Network defined.	05/08	(TPRs); ▪ SMSC no.9; ▪ Minutes of Monthly Meeting; ▪ SMIS.			
	Project Completion	06/08	Approved final report	MPF- CFCU		

**Legend:**

MPF-CFCU – Ministry of Public Finances, Central Finance and Contracting Unit

MEWM –PIU – Ministry of Environment and Water management, Project Implementation Unit

**ANNEX 2**

**DETAILED IMPLEMENTATION CHART**

**2006, NATIONAL PHARE PROGRAMME FOR ENVIRONMENT**

**Strengthening the Capacity of the Regional Environmental Protection Agencies (REPAs), Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) in Implementing, Monitoring and Enforcement of the Transposed Environmental Legislation - Phase II**

**Task 1.2 - Implementation and Enforcement of the Environmental Acquis Focussed on Air Quality – REPA Cluj**

Years	2006						2007												2008												2009												
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Activities																																											
Standard Summary Twinning Fiche – F1	D	D	D	D	D	D	C	C	C	C	C	C	S	S	C	C	N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I								

### **Task 1.4 - Implementation and Enforcement of the Environmental Acquis Focussed on Nature Protection – REPA Sibiu**

[illegible]

### **Task 1.6 - Implementation and Enforcement of the Environmental Acquis Focussed on Nature Protection – REPA Timisoara**

Years	2006						2007									2008									2009																			
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
Activities																																												
Standard Summary Twinning Fiche – F3	D	D	D	D	D	D	C	C	C	C	C	C	S	S	C	C	N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I									

### **Task 1.8 - Implementation and Enforcement of the Environmental Acquis Focussed on IPPC – REPA Craiova**

[illegible]

[illegible]

## **Task 1.10 - Implementation and Enforcement of the Environmental Acquis Focussed on IPPC and Risk Management – REPA Pitesti**

Years	2006						2007						2008						2009																								
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Activities																																											
Standard Summary Twinning Fiche – F5	D	D	D	D	D	D	C	C	C	C	C	C	S	S			C	C	N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I									

## **Task 1.12 - Implementation and Enforcement of the Environmental Acquis Focussed on Domestic Waste Management – REPA Bacau**

[illegible]

## **Task 1.14 - Implementation and Enforcement of the Environmental Acquis Focussed on Industrial Waste Management – REPA Galati**

Years	2006	2007	2008	2009
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Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D			
Activities																																													
Standard Summary Twinning Fiche – F7	D	D	D	D	D	D	C	C	C	C	C	C	C	C	C	C	C	C	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	

#### Task 1.16 - Implementation and Enforcement of the Environmental Acquis Focussed on Noise

Years	2006						2007						2008						2009																									
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
Activities																																												
Standard Summary Twinning Fiche – F8	D	D	D	D	D	D	C	C	C	C	C	C	S	S	C	C	C	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	

#### Task 1.18 - Implementation and Enforcement of the Environmental Acquis at National Level and Coordination of the other 8 Regional Twinning Projects – NEPA

Years	2006						2007						2008						2009																									
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
Activities																																												
Standard Summary Twinning Fiche – F9	D	D	D	D	D	D	C	C	C	C	C	C	S	S	C	C	C	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	

#### Legend:

D = Design of the Twinning Fiche

S = Selection of the Twinning MS partner

C = Contracting  
N = Notification of Contract  
I = Implementation of the Twinning

**Task 1.19 - Support to the National Environmental Guard (NEG) by Strengthening Its Capacity on Inspection and Control (TA)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 1.19 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I						

**Task 1.20 - Technical Assistance to NEPA for Setting-up and Implementation of Source-related Environmental Radioactivity Monitoring Programme (TA)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 1.20 Service contract	D	D	D	D	D	D	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	

**Task 1.21****Equipment Acquisition for the National Environmental Training Centre (INV)**

Years	2006						2007												2008												2009												
Calendar months	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Activities																																											
Task 1.21 Supply contract	D	D	D	D	D	T	T	T	T	T	C	I	I	I	I	I	I	I	I	I	I																						

**Legend:**

D = Design of the Technical Specification/ (INV) /Terms of Reference (TA) and all associated documents for Tender Dossier

T = Tendering

I = Implementation of the Phare Project

**Priority I/ENV – Strengthening Institutional Capacity to Implement Horizontal and Noise- related Legislation****Task 2.3 – Equipment Acquisition for Noise Monitoring System (INV)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				



Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 3.3 Supply contract	D	D	D	D	D	D	D	T	T	T	T	T	T	C	I	I	I	I	I	I	I	I														
Task 3.5 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I						

### Priority III/ENV – Further Implementation of the Waste Management Related Legislation

**Task 4.7 - Technical Assistance for Preparation of a Strategy and Action Plan for the Rehabilitation of Historical Polluted Sites (TA)**

**Task 4.8 - Technical Assistance for the Improvement of the Internal Management of the Hazardous Waste Generated by Healthcare Facilities, According to European Standards (TA)**

**Task 4.9 - Procurement of Equipment Used for Treatment and Final Disposal of Hazardous Healthcare Waste, According to National Legislation and European Standards (INV)**

**Task 4.10 - Technical Assistance for Transposition and Implementation of Directive on Extractive's Industry Waste Management (TA)**

**Task 4.11 - Procurement of Equipment for the Monitoring Network of Waste Facilities from the Extractive Industry – pilot project (INV)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 4.7 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I					
Task 4.8 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I					
Task 4.9 Supply Contract	D	D	D	D	D	D	D	T	T	T	T	T	T	C	I	I	I	I	I	I	I	I														
Task 4.10 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I												
Task 4.11 Supply Contract	D	D	D	D	D	D	D	T	T	T	T	T	T	C	I	I	I																			

**Priority IV/ENV – Support to Implement the Provisions of the Water Framework Directive**

**Task 5.5 - Assistance for Completion of Pollution Phase-out Programmes for Toxic, Persistent, Bio-accumulable Substances from List I under Transition Period Granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Diclorethan, Hexachlor-benezol, Trichlor-benzol, Trichlorethylen, Hexachlor-butadiene (TA)**

**Task 5.6 - Assistance in Preparing the Implementation of the Requirements of Directive on Quality of Water Intended for Human Consumption (TA)**

**Task 5.7 - Assistance in Preparing of Gradual Compliance with the Requirements of Directive Concerning Urban Waste Water Treatment (TA)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 5.5 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Task 5.6 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Task 5.7 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

**Priority V/ENV – Implementation of Natura 2000 Network**

**Task 6.2 - Investment support for implementation NATURA 2000 Network (INV)**

**Task 6.3 - Raising awareness about nature conservation and the value of Natura 2000 sites (TA)**

**Task 6.4 - Support for the implementation of EU requirements regarding the GMOs (TA)**

Years	2006												2007												2008											
Calendar months	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Activities																																				
Task 6.2 Supply Contract	D	D	D	D	D	D	D	T	T	T	T	T	T	C	I	I	I	I	I	I	I	I	I													
Task 6.3 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I						
Task 6.4 Service contract	D	D	D	D	D	D	T	T	T	T	T	T	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I						

**Legend:**

D = Design of the Technical Specification/ (INV) /Terms of Reference (TA) and all associated documents for Tender Dossier

T = Tendering

I = Implementation of the Phare Project

### ANNEX 3

#### CONTRACTING AND DISBURSEMENT SCHEDULE BY QUARTER FOR FULL DURATION OF PROGRAMME 2006, NATIONAL PHARE PROGRAMME FOR ENVIRONMENT

**Strengthening the Capacity of the Regional Environmental Protection Agencies (REPAs), Local Environmental Protection Agencies (LEPAs) and National Environmental Guard (NEG) in Implementing, Monitoring and Enforcement of the Transposed Environmental Legislation - Phase II**

##### **Task 1,2 - Implementation and Enforcement of the Environmental Acquis Focussed on Air Quality – REPA Cluj**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

##### **Task 1,4 - Implementation and Enforcement of the Environmental Acquis Focussed on Nature Protection – REPA Sibiu**

Components	Cumulative contracting schedule by quarter in MEUR (planned)				Total Phare Allocation
	2007	2008	2009	2010	

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,6 - Implementation and Enforcement of the Environmental Acquis Focussed on Nature Protection – REPA Timisoara**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	

Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,8 - Implementation and Enforcement of the Environmental Acquis Focussed on IPPC – REPA Craiova**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	

Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,10 - Implementation and Enforcement of the Environmental Acquis Focussed on IPPC and Risk Management – REPA Pitesti**

Components	Cumulative contracting schedule by quarter in MEUR (planned)				Total Phare Allocation
	2007	2008	2009	2010	

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,12 - Implementation and Enforcement of the Environmental Acquis Focussed on Domestic Waste Management – REPA Bacau**

Components	Cumulative contracting schedule by quarter in MEUR (planned)				Total Phare Allocation
	2007	2008	2009	2010	

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,14 - Implementation and Enforcement of the Environmental Acquis Focussed on Industrial Waste Management – REPA Galati**

Components	Cumulative contracting schedule by quarter in MEUR (planned)				Total Phare Allocation
	2007	2008	2009	2010	

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,16 - Implementation and Enforcement of the Environmental Acquis Focussed on Noise**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	

Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
Total disbursement:				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,18 - Implementation and Enforcement of the Environmental Acquis at National Level and Coordination of the other 8 Regional Twinning Projects – NEPA**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Twinning project – II phase				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Total contracting:				0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8					0,8
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2007				2008				2009				2010				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	

Twinning project – II phase				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8
<b>Total disbursement:</b>				0,3	0,4	0,5	0,6	0,7	0,8	0,8	0,8	0,8					0,8

**Task 1,19 – Technical Assistance to the National Environmental Guard (NEG) by Strengthening Its Capacity on Inspection and Control (TA)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Task 1,19 Technical assistance					0,60	0,60	0,60	0,60	0,60	0,60							0,60
Total contracting:					0,60	0,60	0,60	0,60	0,60	0,60							0,60
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	

Task 1,19 Technical assistance					0,24	0,32	0,40	0,48	0,56	0,60	0,60	0,60					0,60
<b>Total disbursement:</b>					0,24	0,32	0,40	0,48	0,56	0,60	0,60	0,60					0,60

**Task 1,20 - Technical Assistance to NEPA for Setting-up and Implementation of Source-related Environmental Radioactivity Monitoring Programme (TA)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Task 1,20 Technical assistance					0,70	0,70	0,70	0,70	0,70	0,70							0,70
<b>Total contracting:</b>					0,70	0,70	0,70	0,70	0,70	0,70							0,70
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 1,20 Technical assistance					0,28	0,37	0,46	0,55	0,64	0,70	0,70	0,70					0,70
<b>Total disbursement:</b>					0,28	0,37	0,46	0,55	0,64	0,70	0,70	0,70					0,70

**Task 1,21 - Equipment Acquisition for the National Environmental Training Centre (INV)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	III	III	IV	
Task 1,21 Supply contract							0,45	0,45	0,45								0,45
<b>Total contracting:</b>							0,45	0,45	0,45								0,45
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	

Task 1,21 Supply contract							0,27	0,14	0,45	0,45	0,45						0,45
<b>Total disbursement:</b>							0,27	0,14	0,45	0,45	0,45						0,45

**Priority I/ENV – Strengthening Institutional Capacity to implement horizontal and noise related legislation**

**Task 2,3 – Equipment Acquisition for Noise Monitoring System (INV)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 2,3 Supply contract					1,20	1,20	1,20	1,20									1,20
<b>Total contracting:</b>					1,20	1,20	1,20	1,20									1,20
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 2,3 Supply contract					0,72	0,36	1,20	1,20	1,20	1,20							1,20

<b>Total disbursement:</b>					0,72	0,36	1,20	1,20	1,20	1,20							1,20
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**Priority II/ENV – Strengthening Institutional Capacity for the implementation and enforcement of IPPC and Air Quality legislation**

**Task 3.3 - Equipment Acquisition for the Regional Air Quality Monitoring Network (INV)**

**Task 3.5 - Support in the Implementation of the EU Requirements Concerning Monitoring and Reporting CO<sub>2</sub> and Other Greenhouse Gas Emissions (TA)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 3,3 Supply contract					0,90	0,90	0,90	0,90									0,90
Task 3,5 Service contract					0,90	0,90	0,90	0,90	0,90	0,90							0,90
Total contracting:					1,80	1,80	1,80	1,80	1,80	1,80							1,80
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				

	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 3,3 Supply contract					0,54	0,27	,90	0,90	0,90	0,90							0,90
Task 3,5 Service contract					0,36	0,47	0,80	0,69	,80	0,90	0,90	0,90					0,90
<b>Total disbursement:</b>					0,90	0,74	1,48	1,59	1,70	1,80	1,80	1,80					1,80

### Priority III/ENV – Further implementation of the waste management related legislation

**Task 4,7 - Technical Assistance for Preparation of a Strategy and Action Plan for the Rehabilitation of Historical Polluted Sites (TA)**  
**Task 4,8 - Technical Assistance for the Improvement of the Internal Management of the Hazardous Waste Generated by Healthcare Facilities, According to European Standards (TA)**

**Task 4,9 - Procurement of Equipment Used for Treatment and Final Disposal of Hazardous Healthcare Waste, According to National Legislation and European Standards (INV)**

**Task 4,10 -Technical Assistance for Transposition and Implementation of Directive on Extractive's Industry Waste Management (TA)**

**Task 4,11 -Procurement of Equipment for the Monitoring Network of Waste Facilities from the Extractive Industry – pilot project (INV)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 4,7 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Task 4,8 Service contract					1,20	1,20	1,20	1,20	1,20	1,20							1,20
Task 4,9 Supply contract					2,10	2,10	2,10	2,10									2,10
Task 4,10 Service contract					0,30	0,30	0,30	0,30	0,30								0,30

Task 4,11 Supply contract					0,38	0,38	0,38	0,38	0,38								0,38
Total contracting:					4,98	4,98	4,98	4,98	4,98	4,98							4,98
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 4,7 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Task 4,8 Service contract					0,48	0,63	0,78	0,93	1,08	1,20	1,20	1,20					1,20
Task 4,9 Supply contract					1,26	1,89	2,10	2,10	2,10	2,10							2,10
Task 4,10 Service contract					0,12	0,16	0,20	0,24	0,28	0,30	0,30	0,30					0,30
Task 4,11 Supply contract					0,23	0,11	0,38	0,38	0,38	0,38	0,38						0,38
Total disbursement:					2,49	3,31	4,10	4,41	4,72	4,98	4,98	4,98					4,98

## Priority IV/ENV – Support to implement the provisions of the Water Framework Directive

**Task 5,4 - Assistance for Completion of Pollution Phase-out Programmes for Toxic, Persistent, Bio-accumulable Substances from List I under Transition Period**  
**Granted for: Cadmium (Cd), Mercury (Hg), Lindane, 1,2 Diclorethan, Hexachlor-benzol, Trichlor-benzol, Trichlorethylen, Hexachlor-butadiene (TA)**

**Task 5,5 - Assistance in Preparing the Implementation of the Requirements of Directive on Quality of Water Intended for Human Consumption (TA)**

**Task 5,6 - Assistance in Preparing of Gradual Compliance with the Requirements of Directive Concerning Urban Waste Water Treatment (TA)**

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 5,4 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Task 5,5 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Task 5,6 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Total contracting:					3,00	3,00	3,00	3,00	3,00	3,00							3,00
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 5,4 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Task 5,5 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Task 5,6 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Total disbursement:					1,20	1,56	1,92	2,28	2,64	3,00	3,00	3,00					3,00

## Priority V/ENV – Implementation of Natura 2000 Network

### Task 6,2 - Investment support for implementation NATURA 2000 Network (INV)

### Task 6,3 - Raising awareness about nature conservation and the value of Natura 2000 sites (TA)

### Task 6,4 - Support for the implementation of EU requirements regarding the GMOs (TA)

Components	Cumulative contracting schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 6,2 Supply contract					2,25	2,25	2,25	2,25									2,25
Task 6,3 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Task 6,4 Service contract					1,00	1,00	1,00	1,00	1,00	1,00							1,00
Total contracting:					4,25	4,25	4,25	4,25	4,25	4,25							4,25
Components	Cumulative disbursement schedule by quarter in MEUR (planned)																Total Phare Allocation
	2006				2007				2008				2009				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Task 6,2 Supply contract					1,35	0,68	2,25	2,25	2,25	2,25							2,25
Task 6,3 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Task 6,4 Service contract					0,40	0,52	0,64	0,76	0,88	1,00	1,00	1,00					1,00
Total disbursement:					2,15	1,72	3,53	3,77	4,01	4,25	4,25	4,25					4,25

#### **Annex 4 - Reference list of feasibility/pre-feasibility studies**

N/A

## ANNEX 5

### LIST OF RELEVANT LAWS AND REGULATIONS

#### **1. Legislation**

##### **HORIZONTAL LEGISLATION**

**Council Directive No 85/337/EEC on the assessment of the effects of certain public and private projects on the environment, amended by Council Directive No 97/11/EC**

Law No. 294/2003 (OJ 505/14.07.2003) on the approval of the Governmental Emergency Ordinance N<sup>o</sup> 91/2002 (OJ no 465/ 28.06.2002) amending the framework-Law on environmental protection n<sup>o</sup> 137/1995, republished

Law N<sup>o</sup> 22/2001 (OJ 105/ 1.03.2001) for the ratification of the Convention on the environment cross border impact assessment (Espoo Convention)

Governmental Decision No. 918/2002 on the establishing of the assessment framework procedure of the impact on the environment and for approval of the list of the public and private projects subject to this procedure – (OJ 686/17.09.2002)

Order of Minister of Waters and Environmental Protection No. 860/2002 for the approval of the assessment procedure of the impact on the environment and of the issuing of the environmental permit – (OJ 52/31.01.2003)

Order of the Minister of Waters and Environmental Protection No. 863/2002 for the approval of the methodological Guidance applicable to the stages of the assessment framework procedure of the impact on the environment – (OJ 52/31.01.2003)

Order of the Minister of Waters and Environmental Protection No. 864/2002 on the approval Procedure for environmental impact assessment in transboundary context and for public participation in decision making for projects with transboundary impact (OJ 397/9.06.2003)

The Order of the Minister of Agriculture, Forests, Waters and Environment No. 978/2003 on the Regulation of certification of the natural and legal persons which elaborate environmental impact assessment studies and environmental audits (OJ 3/5.01.2004)

**Council Regulation N<sup>o</sup> 1210/90/EEC on the establishment of the European Environment Agency and of the European Environment Information and Observation Network (EIONET), amended by Council Regulation N<sup>o</sup> 933/1999/EC**

Law N<sup>o</sup> 622/2001 ratifying the agreement between the European Community and Romania concerning Romania's participation to the European Environment Agency and to the European Environment Information and Observation Network (EIONET) - (OJ 770/3.12.2001)

**Council Regulation N<sup>o</sup> 1973/92/EEC establishing a Financial Instrument for the Environment (LIFE), amended by Council Regulation N<sup>o</sup> 1404/96/EC**

Governmental Decision N° 643/2001 regarding Romania's financial contribution in order to participate to the EU LIFE Programme - (OJ 388/ 16.07.2001)

Governmental Decision N° 80/2002 regarding the approval of the financial support granted to Romanian participants to LIFE – Environment Program from Romania's state budget - (OJ 116/ 12.02.2002)

**Council Directive 90/313/EEC on the freedom of access to information on the environment**

Governmental Decision No. 1115/2002 on the free access to information on the environment – (OJ 781/28.10.2002).

Order of the Minister of Waters and Environmental Protection No. 1182/2002 for the approval of the methodology of the management and the supplement of the information on environment held by the public authorities for the environmental protection – (OJ 331/15.05.2003) .

Directive 2001/42/EC of the European Parliament and of the Council of 27 June 2001 on the assessment of the effects of certain plans and programmes on the environment .

**Governmental Decision No. 1076/08.07.2004 (OJ No. 707/05.08.2004) for setting up the environmental assessment procedure of certain plans and programmes.**

Commission Recommendation of 10 July 2003 on guidance for the implementation of Regulation (EC) No. 761/2001 of the European Parliament and of Council allowing voluntary participation by organisations in a Community eco-management and audit scheme (EMAS) concerning the selection and use of environmental performance indicators.

**Mo No. 1285/16.12.2005 (OJ No. 1157/21.12.2005) on Regulation for organizing and functioning of National Organism EMAS.**

**AIR QUALITY AND CLIMATE CHANGE**

**Council Directive N° 96/62/EC on ambient air quality assessment and management;**  
**Council Directive N° 99/30/EC relating to limit values for sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead in ambient air;**  
**Council Directive N° 2000/69/EC relating to limit values for benzene and carbon monoxide in ambient air**  
**Directive 2002/3/EC relating to ozone in ambient air**

Law N° 655/2001 (OJ 773/ 4.12.2001) approving the Governmental Emergency Ordinance N° 243/2000 on atmosphere protection;

The Order of The Minister of Waters and Environmental Protection No. 592/2002 on the approval of the Norm regarding the establishing of the limit values, of the thresholds values and of criteria and methods of assessment of sulphur dioxide, nitrogen dioxide and nitrogen oxides, particulate matter, (PM10 and PM 2,5) lead, benzene, carbon monoxide and ozone in ambient air – (OJ 765/21.10.2002) (partial transposition)

The Order of the Minister of Waters and Environmental Protection No. 745/2002 establishing the agglomerations and the classification of the agglomerations and of the areas for the assessment of the air quality in Romania - (O.J. 739/09.10.2002) (partial transposition)

Governmental Emergency Ordinance No. 86/2003 (OJ 694/3.10.2003) on the modification and completion of the Law No. 73/2003 on the Environmental Fund

European Parliament and Council Directive N° 94/63/EC on the control of volatile organic compound (VOC) emissions resulting from the storage of petrol and its distribution from terminals to service stations.

Governmental Decision N° 568/ 2001 setting up the technical requirements for limiting the VOC emissions resulting from storing, loading, unloading and distribution of petrol from terminals to service stations - (OJ 348/16.06.2001)

Order of the Minister of Waters and Environmental Protection N° 1103/2002 on the approval of methodological norms regarding the measurement and analyses of volatile organic compounds resulted from storage and distribution of petrol from terminals and service stations - (OJ 77/31.01.2002)

Order of the minister of industry and resources N° 337/2001 approving the Norms regarding the technical inspection of installations, equipment and devices used for reducing VOC emissions resulted from storing, loading, unloading and distribution of petrol from terminals and service stations - (OJ 10/10.01.2002)

### **Council Directive N° 98/70/EC relating to the quality of petrol and diesel fuels**

Governmental Decision N° 732/2001 establishing the requirements for placing on the market of the petrol and diesel fuel - (OJ 461/13.08.2001)

Governmental Decision No. 897/2003 (OJ 588/19.08.2003) for the modification and completion of the Governmental Decision No. 732/2001 establishing the requirements for placing on the market of the petrol and diesel fuel

### **Council Decision N° 93/389/EEC for a monitoring mechanism of Community CO<sub>2</sub> and other greenhouse gas emissions, amended by Directive N° 99/296/EEC**

Law N° 3/2001 ratifying the Protocol to United Nations Framework Convention on Climate Change, adopted at Kyoto, in 11 December 1997 - (OJ 81/16.02.2001)

**Council Directive No 97/68/EC on the approximation of the laws of the Member States relating to measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery**

**Commission Directive 2001/63/EC adapting to technical progress Directive 97/68/EC of the European Parliament and of the Council on the approximation of the laws of the Member States relating to measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery**

Governmental Decision No 743/11.07.2002 on the establishment of the type approval procedure for the internal combustion engines to be installed in non-road mobile machinery

and establishment of measures for reducing gaseous and pollutant particulate emissions from these engines - (O.J. 623/22.08.2002)

Order of the Minister of the Industry and Resources No. 636/2002 on the designation of the technical service for the issuing of type approval for internal combustion engines to be installed in non-road mobile machinery – (OJ 947/23.12.2002)

**Council Directive 93/12/EEC relating to the sulphur content of certain liquid fuels amended by Directive 99/32/EC**

Governmental Decision No. 142/2003 relating to the sulphur limit from liquid fuels (OJ 112/21.02.2003)

The Order of the minister of economy and trade no.115/2004 on the approval of the Procedure for sampling system for control of the compliance with the conditions concerning the sulphur content of liquid fuels (OJ 115/2004)

**Council Decision 2003/507/EC on the accession of the European Community, to the Protocol to the 1979 Convention on Long-Range Transboundary Air Pollution to Abate Acidification, Eutrophication and Ground-Level Ozone**

Law 271/2003 for the ratifying of the Protocols of the Convention on long range transboundary atmospheric pollution, done in Geneva at November 13, 1979, adopted in Aarhus, June 24, 1998 and in Gothenburg at December 1, 1999 (OJ 470/1.07.2003)

**WASTE MANAGEMENT**

**Framework Directive N° 75/442/EEC on Waste, amended by Council Directive N° 91/156/EEC**

Law N° 426/2001(OJ 411/25.07.2001) for the approval of Governmental Emergency Ordinance N° 78/2000 on waste regime

Governmental Decision No. 123/2003 on the approval of the National Plan for the waste management – stage national plan (OJ 113/24.02.2003)

**Council Directive 91/689/EEC of 12 December 1991 on hazardous waste**

Law N° 426/2001(OJ 411/25.07.2001) for the approval of Governmental Emergency Ordinance N° 78/2000 on waste regime

**Directive N° 75/439/EEC on the disposal of waste oils, amended by Directive N° 87/101/EEC and Directive No 91/692/EEC**

Governmental Decision N° 662/2001 on waste oils management (OJ 446/8.08.2001)

Governmental Decision 441/2002 (OJ 325/16.05.2002) on the completion and modification of the Governmental Decision No. 662/2001 on waste oils management (OJ 446/8.08.2001)

Governmental Decision No. 1159/2003 (OJ 715/14.10.2003) on the modification of the Governmental Decision No. 662/2001 on waste oils management (OJ 446/8.08.2001)

**Directive N° 91/157/EEC on batteries and accumulators containing certain dangerous substances and Directive N° 93/86/EC adapting to technical progress Council Directive N° 91/157/EEC on batteries and accumulators containing certain dangerous substances**

Governmental Decision N° 1057/2001 on batteries and accumulators containing certain dangerous substances - (OJ 700/5.11.2001)

**Council Directive N° 99/31/EC on the landfill of waste**

Governmental Decision N° 162/2002 on the landfill of waste - (OJ 164/ 7.03.2002)

Order of the Minister of Waters and Environmental Protection No. 867/2002 on the defining of the criteria which must be fulfilled by waste in order to be found on the specific list of a landfill and the national list of accepted waste in every class of waste landfill – (OJ 848/25.11.2002)

Order of the Ministry of Waters and Environmental Protection No. 1147/2002 on the approval of the Technical Norm regarding the landfill of waste – the building, the exploitation, the monitoring and the closing up of the landfill of waste (OJ 150/7.03.2003)

**Council Directive N° 2000/76/EC on the incineration of waste**

Governmental Decision N° 128/2002 on the incineration of waste - (OJ 160/6.03. 2002)

Order of the Minister of Waters and Environmental Protection No. 1215/2003 for the approval of the Norm on incineration of waste – (OJ 150/7.03.2003)

**Council Directive N° 94/62/EC on packaging and packaging waste**

Governmental Decision N° 349/2002 (OJ 269/ 23.04.2002) on packaging and waste packaging - (OJ 269/ 23.04.2002)

Order of the Minister of Waters and Environmental Protection No. 1190/2002 on the reporting procedure of the data referring to packaging and packaging waste – (OJ 2/07.01.2003)

**Council Directive 96/59/EC on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)**

Order of the Minister of Waters and Environmental Protection No. 279/2002 on the setting of the Technical Secretariat for the management and the control of the designated compounds within the Waste and Dangerous Chemical Substances Management Directorate - (OJ 459/27.06.2002)

Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste

Governmental Decision 856/2002 on the evidence of the waste management and for the approval of the list of waste including hazardous waste (OJ 659/5.09.2002)

**Council Regulation (EEC) No 259/93 of 1 February 1993 on the supervision and control of shipments of waste within, into and out of the European Community**

Governmental Decision No. 1357/2002 for the establishing of the public authorities responsible with the control and the supervision of the import, export and shipment of waste – (OJ 893/10.12.2002)

Governmental Decision No. 228/2004 on the control of the introduction into the country of the non –hazardous waste, for the import, active perfectioning and the transit (OJ 189/4.03.2004)

**Directive 86/278/EEC on the protection of the environment, and in particular of the soil, when sewage sludge is used in agriculture**

Order of the Minister of Agriculture, Forests, Waters and Environment No. 49/2004 on the approval of the Technical Norms concerning the protection of the environment, and in particular of the soil, when sewage sludge is used in agriculture (OJ 66/27.01.2004)

**WATER QUALITY**

**Council Directive N° 91/271/EEC concerning urban waste-water treatment**

GD No. 352/21.04.2005 amending GD no. 188/2002 for the approval of certain norms concerning the conditions of discharging the wastewater into aquatic environment (OJ No. 398/11.05.2005)

Governmental Decision N° 188/2002 for the approval of the norms regarding the discharging of waste waters into the aquatic environment - (OJ 187/ 20.03.2002)

**Council Directive N° 75/440/EEC concerning the quality required of surface water intended for the abstraction of drinking water in the Member States**

Order of the Minister of Waters and Environmental Protection No 377/2001 on the approval of the reference objectives for the quality of surface waters

Governmental Decision N° 100/2002 for the approving of the quality standards for surface waters intended for the abstraction of drinking water and the Norms concerning the methods of measurement and frequencies of sampling and analysis of surface water intended for the abstraction of drinking water - (OJ 130/19.02.2002)

Order of the Minister of Waters and Environmental Protection N°. 1146/2002 on the approval of the Norm regarding the reference objectives for the classification of the quality of the surface waters (OJ 197/27.03.2003).

**Council Directive N° 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources**

Order of the minister of waters and environment protection N° 740/08.08.2001 on the approval of the composition of the Commission for enforcement of the Action Plan to protect waters against the pollution with nitrates from agriculture

Joint Ministerial Order between MWEF and MAFF N° 452/2001 and 105951/2001 on the approval of the Regulation concerning the functioning and operating of the Commission and Supportive Group to enforce this plan - (OJ 296/06.06.2001)

The Order of the Ministry of Waters and Environmental Protection No.918/08.10.2002 for the approval of the Code of the good agricultural practices for the farmers' use

The Order of the Minister of Agriculture, Forests, Waters and Environment nr. 1072/2003 on the approval of the organisation of the Monitoring Surveillance Integrated National Support, control and decisions on the reduction of the pollutants nitrates from agricultural sources into the surface waters and into ground waters and for the approval of the surveillance and appropriate control program and of the assessment procedure of the monitoring data of the surface waters and ground waters – (OJ 71/28.01.2004)

**Council Directive N° 76/464/EEC on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community (and the Daughter Directives)**

Governmental Decision N° 118/2002 approving the Action Plan for reducing pollution of aquatic environment and ground waters caused by the discharge of certain dangerous substances (OJ 132/ 20.02.2002)

Order of the Minister of Waters and Environmental Protection No. 35/2003 on the approval of the Measurement and Analysis Methods used in the determining of the priority/dangerous substances from the discharged used waters and from the surfaced waters (OJ 305/7.05.2003) – order issued for the implementation

Order of the Minister of Agriculture, Forests, Waters and Environment No. 501/2003 on the approval of the Regulation for the drawing –up of the initial inventory of the pollution sources of the aquatic environment and of the ground waters (OJ 591/20.08.2003) - order issued for the implementation

Joint Order of the Minister of Waters and Environmental Protection and of the Minister of Health and Family No. 1406/03.03.2003/191/07.03.2003 (OJ 213/01.02.2003) for the approval of the assessment methodology of the risk and impact of the dangerous substances in the aquatic environment in case of accidental discharges

Order of the Minister of Agriculture, Forests, Waters and Environment No. 370/2003 on the approval of the list containing the notified reference laboratories (OJ 756/29.10.2003)

Order of the Minister of Agriculture, Forests, Waters and Environment No. 44/2004 on the approval of the Regulation on the accomplishment of the monitoring of the water quality for priority/dangerous substances (OJ 154/23.02.2004)

MO No. 31/13.01.2006 on approval of the Manual for modernizing and development of the Romanian Waters Integrated Monitoring System which repeals MO No. 35/2003 .

MO No 245/26.03.2005 (OJ No. 565/01.07.2005) on the approval of the Methodology for risk assesment of dangerous substances .

**Council Directive N° 76/160/EEC concerning the quality of bathing water**

Governmental Decision N° 459/2002 for the approval of quality norms for waters in natural areas planned for bathing - (OJ 350/27.05.2002)

**Council Directive N° 78/659/EEC on the quality of fresh waters needing protection or improvement in order to support fish life**

Governmental Decision N° 202/2002 approving the technical norms for the quality of surface waters needing protection or improvement in order to support fish life - (OJ 196/22.03.2002)

**Council Directive N° 79/923/EEC on the quality required of shellfish waters**

Governmental Decision N° 201/2002 approving the technical norms regarding the quality of waters for shellfish - (OJ 196/22.03.2002)

Law No. 280/2003 (OJ 454/26.06.2003) on the approval of the Governmental Emergency Ordinance No. 202/2002 on the integrated management of the shore area – (OJ 965/28.12.2002)

**Council Directive N° 98/83/EC on the quality of water intended for human consumption**

Law N° 458/2002 on the quality of water intended for human consumption (OJ 552/29.07.2002)

GD No 662/07.07.2005 (OJ No 616/15.07.2005) regarding the modification of GD No 100/2002 for the approval of Norms of Quality that have to be fulfilled by the surface waters used for human consumption.

GD No 960/11.08.2005 (OJ N0 800/02.09.2005) on approval of special Norms on the type and the size of protected sanitary and hydrogeological areas.

**Directive 2000/60/EC of the European Parliament and of the Council establishing a framework for Community action in the field of water policy**

Order of the Minister of Waters and Environmental Protection No. 913/15.10.2001 regarding the approval of the framework content of the Water Management Plan on the hydro graphic basin

Order of the Minister of Waters and Environmental Protection No. 1125/03.12.2002 for the approval of the Committee for the Co-ordination and the Monitoring of the implementation of the Directive 2000/60/EC and of the other directives from the field of water – order issued for the implementation of the directive

MO No 589/27.06.2005 (OJ No 636/20.07.2005) for the approval of the organization of certification activity for specialized units in elaboration of studies, projects, work execution, consultancy in water management and technical documentation.

**Council Directive 80/68/EEC on the protection of groundwater against pollution caused by certain dangerous substances**

Governmental Decision N° 118/2002 approving the Action Plan for reducing pollution of aquatic environment and ground waters caused by the discharge of harmful substances (OJ 132/ 20.02.2002)

Order of the Ministry of Waters and Environmental Protection No. 1049/13.11.2002 for the approval of the plan of measures for the elimination and reduction of the pollution risk of groundwater – order issued for the implementation

## **NATURE PROTECTION**

**Council Regulation No 338/97/EC on the protection of species of wild fauna and flora by regulating trade therein, and subsequent amendments;**

**Council Directive No 83/129/EEC concerning the importation into Member States of skins of certain seal pups and products derived there from;**

**Council Regulation No 348/81/EEC on common rules for imports of whales or other cetacean products;**

**Council Regulation no 3254/91/EEC prohibiting the use of leg holds traps in the Community and the introduction into the Community of pelts and manufactured goods of certain wild animal species originating in countries which catch them by means of leg hold traps or trapping methods which do not meet international humane trapping standards**

Order No 647/2001 for the approval of the authorization procedure for the cropping, seizing, and/or acquisition and trading on the domestic market and export/import of the plants and animals from the wild flora and fauna, clarifying some procedural aspects concerning the trading activity with CITES wild species (endangered) and not endangered - ( OJ 416/06.06.2001)

Order of Minister of Waters and Environmental Protection N° 117/2003 (OJ 326/14.05.2003) for the modification of the Annex No. 12 at the Authorization Procedure of the activities of harvesting, seizing, and/or acquisition and trading on the domestic market of the plants and animals from the wild flora and fauna as well as their import, approved through the Order No 647/2001

**Council Directive N° 92/43/EEC on the conservation of natural habitats and of wild fauna and flora**

**Council Directive N° 79/409/EEC on the conservation of wild birds**

Law N° 462/2001 for the approval of Emergency Government Ordinance N° 236/2000 on the status of natural protected area, natural habitats and species of wild flora and fauna conservation - (OJ 433/2.08.2001)

Order of Minister of Waters and Environmental Protection N° 647/2001 for the harvesting, seizing, and/or acquisition and trading on the domestic market and export/import of the plants and animals from the wild flora and fauna - (OJ 416/ 26.07.2001)

Order of Minister of Waters and Environmental Protection N° 117/2003 (OJ 326/14.05.2003) for the modification of the Annex No. 12 at the Authorization Procedure of the activities of harvesting, seizing, and/or acquisition and trading on the domestic market of the plants and animals from the wild flora and fauna as well as their import, approved through the Order No 647/2001

GD No 1078/15.09.2005 (OJ No 853/21.09.2005) on financial support for Romanian participants to LIFE-Natura Programme of European Community 2005-2006

MO No 1198/25.11.2005 (OJ No 1097/06.12.2005) regarding the protected natural area regime, conservation of natural habitats

EGO No 195/22.12.2005 (OJ No 1196/30.12.2005) on Environmental Protection

EGD No 82/14.07.2005 (OJ No 627/19.07.2005) on approval of the number of the animals belonging to the species: bear, wolf, lynx and wild cats, which can be hunted during 2005-2006 hunting season

Law No 45/08.07.2002 (OJ No 536/23.07.2002) ratification of the Landscape European Convention - Florence 20.10.2002

MO No 494/30.05.2005 (OJ No 487/09.06.2005) on approval of procedures for instruments of administration and custody of the protected natural areas

**Council Directive N° 99/22/EC relating to the keeping of wild animals in zoos**

Law N° 191/2002 regarding zoos and public aquarium - (OJ 271/23.04.2002)

MO No 742/22.02.2004 (OJ No 115 bis/04.02.2005) on approval of the instructions regarding authorization, stock-taking and inscription of the public aquarium and zoos

**INDUSTRIAL POLLUTION CONTROL AND RISK MANAGEMENT**

**Council Directive 96/61/EC concerning integrated pollution prevention and control (IPPC)**

Law No. 645/2002 (OJ 901/12.12.2002) for the approval of Governmental Emergency

Ordinance N° 34/2002 (OJ 223/3.04.2002) on the integrated pollution prevention, reduction and control

Order of the Minister of Waters and Environmental Protection No. 890/03.10.2002 on the setting of the Service of Industrial Pollution Control

Order of the Minister of Waters and Environmental Protection No. 1133/05.12.2002 on the modifying and completion of the Order No. 184/1997 for the approval of the Procedure of the realization of the environmental balances

Order of the Minister of Waters and Environmental Protection No. 1144/2002 on the setting of the Register of the emitted pollutants in the activities which fall under the provision of the article 3, alin.1, letters (g) and (h) from the Governmental Emergency Ordinance N° 34/2002 on the integrated pollution prevention, reduction and control and the manner of their reporting (amending the Order 756/1997) - (OJ 35/22.01.2003)

Order of the Minister of the Waters and Environmental Protection No. 1440/2003 (OJ 177/20.03.2003) on the approval of the Implementation National Guide of the Register of the Emitted Pollutants by the activities which are under the incidence of the provisions of the Emergency Governmental Ordinance 34/2002 on the integrated pollution prevention, reduction and control, approved and modified by the Law 645/2002 and the manner of their reporting

Order of the Minister of Agriculture, Forests, Waters and Environment No. 818/2003 on the approval of the Issuing Procedure of the integrated environmental permit (OJ 800/13.11.2003)

Order of the Minister of Waters and Environmental Protection No. 37/2003 on the approval of the Reference Document on the Best Available Techniques (BAT) for the cellulose and paper industry (OJ 247/10.04.2003) – order issued for the implementation

Order of the Minister of Agriculture, Forests, Waters and Environment No. 566/2003 on the approval of the Reference Document on the Best Available Techniques (BAT) for the cement and lime industry (OJ 689/1.10.2003) – order issued for the implementation

EGO No 152/10.11.2005 (OJ No 1078/30.11.2005) concerning integrated pollution prevention and control which transposes the amendment of Directive 96/61/EC

MO No 1037/25.10.2005 (OJ No 985/07.11.2005) for approval on the procedure for the environmental impact assessment and the environmental permit issuing

### **Council Directive 96/82/EC of 9 December on the control of major-accident hazards involving dangerous substances**

Governmental Decision No. 95/2003 on the control of the activities that involve major-accident hazards involving dangerous substances – (OJ 120/25.02.2003)

Order of the Minister of Waters and Environmental Protection No. 1441/2003 on the setting – up of the Risk Secretariat for the control of the activities which involve major-accident hazards involving dangerous substances (OJ 196/26.03.2003)

Order of the Minister of Agriculture, Forests, Waters and Environment No. 1084/2003 on the approval of the notification procedures of the activities which involve major-accident hazards involving dangerous substances, and respectively of the major produced accidents (OJ 118/10/02.2004)

Order of the Minister of Agriculture, Forests, Waters and Environment No. 142/2004 on the approval of the Assessment procedure of the safety report on the activities which involve major-accident hazards involving dangerous substances (OJ 191/4.03.2004)

### **Council Regulation (EC) N° 1980/2000 on a Community eco-label award scheme**

Governmental Decision N° 189/2002 establishing the procedure for the award of eco-label - (OJ 166/ 8.03.2002)

Order of the Minister of Waters and Environmental Protection No. 1010/2002 on the approval of nominal composition of the National Commission for the award of the Eco-Label – (OJ 851/26.11.2002)

Order of the Minister of Waters and Environmental Protection No. 1327/2003 (OJ 172/19.03.2003) modifying the Order of the Minister of Waters and Environmental Protection No. 1010/2002 on the approval of nominal composition of the National Commission for the award of the Eco-Label

### **Decision 2000/40/EC establishing the ecological criteria for the award of the Community eco-label to refrigerators**

Governmental Decision No 827/2002 establishing the ecological criteria for the award of the eco-label to refrigerator - (OJ 638/29.08.2002)

**Commission Decision 2000/45/EC establishing the ecological criteria for the award of the Community eco-label to washing machines**

Governmental Decision No. 40/2003 establishing the criteria for the award of the ecological label for the laundry washing machines for domestic use (OJ 82/10.02.2003)

**Commission Decision 2001/689/EC establishing ecological criteria for the award of the Community eco-label to dishwashers**

Governmental Decision 325/2003 on the establishing of the criteria for the award of the ecological label for the dishes washing machines for domestic use (OJ 223/03.04.2003)

**Directive 2001/80/EC on the limitation of emissions of certain pollutants into the air from large combustion plants**

Governmental Decision 541/2002 on the establishing of some measures on the limitation of emissions of certain pollutants into the air from large combustion plants (OJ 365/29.05.2003)

Order of the Minister of Agriculture, Forests, Waters and Environment No. 1052/2003 on the organizing and functioning of the Technical Secretariat for the control of the activities of the large combustion plants (OJ 32/15.01.2004)

Joint Order no. 712/199/2003–126/2004 of the Minister of Agriculture, Forestry, Water and Environment, Minister of Economy and Trade, Minister of Administration and Interior for approval the Guide on Designing Proposal Programmes to progressively reduction of annual emissions of sulphur dioxide, nitrogen oxides and particulate matters from LCP facilities – (Official Journal no.145 .18 February, 2004).

Joint Order 712/199/2003–126/2004 of the Minister of Agriculture, Forests, Waters and Environment, of the Minister of Economy and Trade and of the Minister of Administration and Internal Affairs for the approval of the Guide on the drawing-up of the proposals of the progressive reduction programmes of the annual emission of sulphur dioxide, and dust from large combustion plants (OJ No. 145/18.02.2004)

Directive 2001/81/EC of the European Parliament and of the Council of 23 October 2001 on national emission ceilings for certain atmospheric pollutants

**GD No 1856/22.12.2005 ( OJ No 23/11.01.2006) on national emission ceilings for certain atmospheric pollutants**

**Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations**

Governmental Decision No. 699/2003 on the establishing of certain measures on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations (OJ 489/8.07.2003)

MO No 859/26.09.2005 (OJ No 888/04.10.2005) on approval of guides

**Regulation 761/2001 allowing voluntary participation by organisations in a Community eco-management and audit scheme (EMAS)**

Order of the Minister of Agriculture, Forests, Waters and Environment no. 50/2004 on the establishment of the organising and co-ordination procedure of the environmental management and audit scheme (EMAS) with a view of voluntary participation of the organization at these scheme (OJ 81/30.01.2004)

**2001/688/EC: Commission Decision of 28 August 2001 establishing ecological criteria for the award of the Community eco-label to soil improvers and growing media**

Governmental Decision No. 176/2004 establishing the criteria for the award of the eco-label to soil improvers and growing media (OJ 169/26.02.2004)

**Commission Decision 2001/687/EC on establishing ecological criteria for the award of the Community eco-label to portable computers**

Governmental Decision No. 175/2004 on establishing Criteria for the award of eco-label to portable computers – (OJ 170/26.02.2004)

**Commission Decision 2003/31/EC establishing revised ecological criteria for the award of the Community eco-label to detergents for dishwashers and amending Decision 1999/427/EC**

Governmental Decision N° 253/2004 establishing ecological criteria for the award of the eco-label to detergents for dishwashers (OJ 185/3.03.2004)

**2002/231/EC: Commission Decision establishing revised ecological criteria for the award of the Community eco-label to footwear and amending Decision 1999/179/EC**

Governmental Decision N° 254/2004 establishing ecological criteria for the award of the eco-label to footwear (OJ 185/3.03.2004)

**Commission Decision 2002/371/EC establishing the ecological criteria for the award of the Community eco-label to textile products and amending Decision 1999/178/EC**

Governmental Decision N° 177/2004 establishing criteria for the award of the eco-label to textile products (OJ 198/5.03.2004)

**Commission Decision 2002/739/EC establishing revised ecological criteria for the award of the Community eco-label to indoor paints and varnishes and amending Decision 1999/10/EC**

Governmental Decision N° 259/2004 establishing Criteria for the award of the eco-label to indoor paints and varnishes (OJ 219/12.03.2004)

**Commission Decision 2002/740/EC establishing revised ecological criteria for the award of the Community eco-label to bed mattresses and amending Decision 98/634/EC**

Governmental Decision N° 284/2004 establishing Criteria for the award of the eco-label to bed mattresses (OJ 225/15.03.2004)

Directive 2002/95/EC of the European Parliament and of the council of 27 january 2003 on the restriction of the use of certain hazardous substances in electrical and electronic

GD No 992/25.08.2005 (OJ No 822/12.09.2005) which transposes Directive 2002/95/EC of the European Parliament and of the restriction of the use of certain hazardous substances in electrical and electronic equipment

Commission Decision 2001/405/EC of 4 may 2001 establishing the ecological criteria for the award of the Community eco-label

**GD No 522/09.06.2005 (OJ No 533/23.06.2005) on establishing the criteria  
for the award of Community eco-label**

**NOISE**

**Council Directive N° 86/594/EEC on airborne noise emitted by household appliances**

Governmental Decision N° 672/2001 on setting up the conditions for placing on the market of household appliances, depending on the level of airborne noise - (OJ 445/8.08.2001)

**Council Directive N° 2000/14/EC on the approximation of the laws of the Member States relating to the noise emission in the environment by equipment for use outdoors**

Law N° 608/2001 on the assessment of product conformity - (OJ 712/8.11.2001)

Governmental Ordinance N° 71/2003 on the modification and completion of the Law No. 608/2001 on the assessment of product conformity (OJ 621/30.08.2003)

Law 503/2003 (OJ 876/10.12.2003) on the approval Governmental Ordinance No. 71/2003 on the modification and completion of the Law No. 608/2001 on the assessment of product conformity

Governmental Decision N° 71/2002 (OJ 119/14.01.2002) for the approval of the Methodological Norms regarding setting-up of the procedures used in the assessment of the product conformity process from the regulated fields, foreseen in the Law 608/2001 on the assessment of the product conformity and of the rules of enforcement and use of the national conformity mark CS.

Governmental Decision N° 487/2002 (OJ 388/06.06.2002) for the approval of the Methodological Norm on the national designation and notification of the testing laboratories, as well as of certification and inspection organisms which accomplish the assessment of the conformity of the products from the regulated fields, foreseen in Law 608/2001, on the assessment of product conformity.

Governmental Decision No. 195/22.12.2005 (OJ No. 1196/30.12.2005) which repelead and replaced Law no. 1372005, with the further modifications and completions.

Governmental Decision No. 539/07.04.2004 (OJ No. 398/05.05.2004), on the limitation of noise emission in the environment by equipment for use outdoors .

Governmental Decision No. 482/01.04.2004 (OJ No. 348/21.04.2004), on the conditions for placing on the market the household appliances depending on airborne noise (repealing GD No. 672/2001) .

**Directive 2002/49/EC of the European Parliament and of the Council of 25 June 2002 relating to the assessment and management of environmental noise – Declaration by the Commission in the Conciliation Committee on the Directive relating to the assessment and management of environmental noise**

GD No. 321/14.04.2005 on assesment and management of the environmental noise (OJ No. 358/27.04.2005)

## **NUCLEAR SAFETY AND RADIATION PROTECTION**

**Council Directive 97/43/Euratom on health protection of individuals against the dangers of ionising radiation in relation to medical exposure**

Order of Minister Health No 381/05.04.2004 (OJ No 527/11.06.2004) approving the Sanitary Basis Norms on safe deployment of nuclear activities

Joint Order No 79/04.03.2002 of CNCAN President and Order No 285/19.04.2002 of Minister of Health (OJ No 446/25.06.2002) approving the Norms on radiation protection of individuals in case of professionals exposure to ionising radiation

**Commission Regulation 1627/2000 amending Regulation (EC) No 1661/999 laying down detailed rules for the application of Council Regulation No 737/90 on the conditions governing imports of agricultural products**

Joint Orders No 91/14.03.2002 of CNCAN President, Order of Minister of Health No 856/23.11.2001 and order No 112/04.03.2002 of the MAFF approving the Norms on radioactive contamination of foodstuffs and feedstuffs following a nuclear accident or other radiological emergency situation

**Council Directive 96/29/Euratom, laying down basic safety standards for the protection of the health of workers and the general public against dangers arising from ionising radiation**

Order No 94/14.04.2004 (OJ No 532/14.06.2004) of the CNCAN President approving the Norms on radiological safety in the radiotherapy practice

Order No 381/05.04.2004 (OJ No 527/11.06.2004) of Minister of Health approving the sanitary basis norms on safe deployment of nuclear activities

**Council Directive 89/618/Euratom on informing the general public about health protection measures to be applied and steps to be taken in the event of a radiological emergency**

Law No 15/28.02.2005 for approving MO No 21/2004 related to the National System for the Management of Emergency Situations (OJ No 190/07.03.2005)

**Council Directive 2003/122/Euratom of 22 December 2003 on the control of high-activity sealed radioactive sources and orphan sources**

Order of CNCAN President No 356/21.11.2005 ( OJ No 1109/08.12.2005) on approval of Norms for orphan sources and high activity closed sources

## **Chemicals and Genetically Modified Organisms (GMOs)**

**Council Directive 90/219/EEC of 23 april 1990 on the contained use of genetically modified micro-organisms**

Law No 214/19.04.2002 (OJ 316/14.05.2002) for approval of GO No 49/30.01.2000 (OJ No 48/31.01.2000)

**Commission Decision 2000/608/EC of 27 september 2000 concerning the guidance notes for risk assessment outlined in Annex III of Directive 90/219/EEC**

Law No 214/19.04.2002 (OJ 316/14.05.2002) for approval of GO No 49/30.01.2000 (OJ No 48/31.01.2000)

**Council Directive 87/217/EEC of 19 march 1987 on the prevention and reduction of environmental pollution by asbestos**

OM No 108/16.02.2005 (OJ No 217/15.03.2005) on the methods of sampling and determinations of the quantities of asbestos into environment

**Directive 2001/18/EC of the European Parliament and of 12 march 2001 on the deliberate release into environment of genetically modified organisms and repealing Council directive 90/220/EEC**

Law No 214/19.04.2002 (OJ 316/14.05.2002) for approval GO No 49/30.01.2000 (OJ No 48/31.01.2000)

MO No 923/2005 (OJ No 937/20.10.2005) on the summary information format relating to the placing on the market of genetically modified organisms as or in products

MO No 606/06.07.2005 (OJ No 704/04.08.2005) regarding the approval of the format for presenting the results of the deliberate release into environment of genetically modified higher plants for purposes other than placing on the market

MO No 838/2005 (OJ No 864/26.09.2005) for the approval of guidance notes on the implementation of the Annex of the Monitoring Plan

**Montreal Protocol on substances that deplete the ozone layer-Declaration by the European Economic Community**

Law No 281/05.10.2005 (OJ No 914/12.10.2005)

**1.37. Annex no. 6**

**1.38. Reference List of Relevant Strategic Plans and Studies**

## **27 Sector: Environment**

- The National Development Plan 2004 - 2006
- The National Development Plan 2007-2013
- The Romanian Environmental Strategy (2004 - 2010)
- The Strategy for Sustainable Development 'Horizon 2025'
- The National Action Plan for Environmental Protection
- The National Strategy for Atmosphere Protection
- The National Action Plan for Atmosphere Protection
- The National Waste Management Plan
- The National Waste Management Strategy
- The National Strategy for Biological Diversity Preservation and Sustainable Use of Its Components
- Sectoral Operational Programme for Environment – Draft 2006 (REPAs acting as Intermediate Bodies in managing EU's Structural and Cohesion Funds)
- Proposal for regional laboratories according to Water Framework Directive requirements – Study

## Annex 7 – Lessons Learnt

The review of evaluation reports of the PHARE programmes shows deficiencies previously encountered, as follows:

**The Interim Evaluation Report No. R/RO/ENV/02113** (Phare Programmes RO 0006.14 and RO 0107.15) - **findings:** “The objectives of the assessed programmes are relevant to the needs of the beneficiaries. However, in most cases, the design is too complex, given the time and resources available. Overall, there is scope for improving efficiency [...]. In general, coordination between stakeholders has not been satisfactory. However, flexibility of approach is evident, thereby assisting implementation.”

**The Interim Evaluation Report No. R/RO/ENV/03040** (Phare Programmes RO 0006.14, RO 0107.15 and RO-2002/000-586.04.12) - **findings:** “All programmes are *relevant* to the beneficiaries need to transpose and implement the environmental Acquis and are in-line with government policy and agreed priorities. The programmes are well structured, however, in most cases, the design appears ambitious, given the limited capacity of the environmental administration. In terms of *efficiency*, performance under Phare 2000 was adequate due to the efforts of individuals but this is expected to decline under Phare 2001 and 2002. With few exceptions, understaffing and lack of financial resources constrain efficiency.”

Regarding the programme’s *relevance*, it is mentioned: “Programme design is well structured with the output from one project being used as an input for another. Programme preparation is generally good but most programmes appear very ambitious considering understaffing, high staff turnover and subsequent limited absorption capacity across the environmental administration. The quality of the Indicators of Achievement and identification of risks and assumptions as given in the Project Fiches are variable; whilst for 2000 and 2001 they are poorly defined, for 2002 they are improved but still lack the necessary quantification.”

The experience of the MEWM from previous Phare projects implementation has shown that the most important is to prepare a logical project proposal: from the identification of the problems, setting realistic objectives, results and activities, establishing management organisation, to monitoring on the basis of objectively verifiable indicators. The preparatory works (drafting tender documents) should be done in time and all needs assessment regarding equipment acquisition ready before the project can actually start.

It should be noted that the development of the project fiche is taking into account the previous experience gathered from designing and implementing PHARE programmes fiches for 2001, 2002 and 2003.

The project fiche has been improved by virtue of better definition of actions, expected results, indicators of achievement, realistic and correct identification of risks and assumptions.

The sector programme was designed based on the recommendations provided on PHARE programmes, such as:

- Programme’s targets are achievable with the available and/or planned number of staff;
- Responsibilities and co-ordination mechanism are clearly defined;
- Actions are clearly defined and affordable within the planned budget.

**The Interim Evaluation No. R/RO/ENV/0410** - from Nov.2004 (Programmes covered: **RO-0107.15**, **RO-2002/000-586.04.12** and **RO 2003/005-551.04.11** - Author: Ecotec Research and Consulting) - **Key achievements, findings:** “All programmes are *relevant* to the

beneficiary needs as they address the transposition of remaining legislation and the need to accelerate implementation of environmental directives. The majority of the programmes build on outputs from previous programmes and the selection of assistance instruments appears appropriate.

As a result of the corrective actions taken the majority of programmes have been or are expected to be *effective*. Progress has been made regarding legislative transposition. Administrative systems and structures are being defined, established and strengthened. However, questions remain as to operational matters regarding the execution of duties by the different authorities and agencies within the environmental administration and the transfer of responsibilities.

The programmes' *impact* will be realised in the long-term through improvements to the environment. Generally, the programmes represent the beginning of a process that will take considerable time. A key element is the concept of cost effectiveness and the implications this has for strategic planning. There is little evidence that environmental issues are given sufficient consideration or are integrated into other sector strategies."

**The Interim Evaluation No. R/RO/ENV/0526 - date: 10 November 2005 (Programmes covered: RO-0107.15, RO-2002/000-586.04.12 and RO 2003/005-551.04.11 – Author: Ecotec Research and Consulting)**

"All programmes are *relevant* to the beneficiary needs as they address the transposition of remaining legislation and the need to accelerate implementation of environmental Directives. Overall the programmes are more concerned with institutional capacity building; only one project is exclusively investment. The majority of the programmes build on outputs from previous programmes and the selection of assistance instruments appears appropriate. The structure of the projects is generally good but there is a lack of precision in some programme documents.

Staff turnover following Ministerial restructuring initially affected project implementation. However, throughout the project cycle the capacity of the various levels of environmental administration has steadily improved and many of the earlier difficulties were overcome by more *efficient* management, co-operation between the stakeholders, and contractors' flexibility.

As a result of the corrective actions taken, the programmes are achieving their objectives and, on this basis, the assessment of *effectiveness* across the sector is good. Progress has been made regarding legislative transposition and administrative systems and structures are being defined, established and strengthened. Although training has been generally well appreciated, its effectiveness is diminished as a result of staff turnover and institutional changes.

The programmes' *impact* will be realised in the long-term through improvements to the environment. Generally, the programmes represent the beginning of a process that will take considerable time. A key outcome is the introduction of the concept of cost effectiveness and the implications this has for strategic planning.

Although the environmental administration is engaged in a staff recruitment campaign, *sustainability* is threatened as staff recruitment and retention remains a challenge across the public administration. Many of the deliverables – planning documents, guidelines, and templates – devised under the programmes are sustainable but using them requires retaining suitably trained staff. The cost of compliance with the environmental *acquis* has been estimated in a range from 29.3 billion € to 39 billion €. This, by any measure, is a significant cost and is indicative of the challenges facing the environmental sector administration".

**The European Commission's 2005 Comprehensive Monitoring Report on Romania towards Accession states the following in the environmental field:**

.....

***‘Horizontal legislation’** is largely in place and in line with the acquis. Transposition has to be completed with regard to implementing legislation related to the Strategic Environmental Assessment and Access to Information Directives. Administrative capacities are in place, but further strengthening, recruitment and staff training have to take place to ensure the correct implementation of the transposed legislation.*

*In the field of **air quality**, legislation is in place and in line with the acquis. The relevant administrative capacities have been established and are beginning to function. Measures for the improvement of air quality management and monitoring as well as for the development of air quality plans and programmes have to be continued and enhanced. Transitional arrangements, with intermediate targets, have been agreed until the end of 2007 and the end of 2009 for volatile organic compound emissions for a certain number of installations.*

*As regards **waste management**, legislation is in place and in line with the acquis. The necessary implementing legislation on the special regime of the management and control of polychlorinated biphenyls (PCBs) and polychlorinated terphenyls (PCTs) has been taken. Administrative structures are in place and functioning but need further strengthening.*

*Regional waste management plans still have to be adopted. Recycling and recovery rates for various packaging materials have to be gradually increased according to the agreed schedule.*

*A database of the **historical contaminated sites** and a strategy and an action plan for the rehabilitation of historical contaminated sites must be elaborated.*

*Regarding the healthcare waste management, this is regulated by the Minister of Health Order no. 219/2002 (amended by MHO no.1029/2004 and 997/2004) for the approval of the Technical Norms concerning the healthcare waste management and the data collecting Methodology for the healthcare waste national database. The sanitary units are still in the implementation stage of the legislation. Taking into account the last years, it can be observed differences and improvements. The main progresses were achieved in packaging field. The healthcare waste is collected on categories (hazardous and non-hazardous) in special packages. The most sanitary units are making efforts to accomplish the required standards.*

*The significant problems still exist in the final disposal phase, because of the generated hazards that may have a major impact on human health and environment. The hazardous wastes generated by sanitary units are burned in rudimentary facilities (crematoria), which present a lot of deficiencies, the main being represented by pollutants’ emissions directly evacuated in the environment.*

*Risk assessments on five tailing ponds in the **mining industry** are being prepared and will need to be completed. The study on the possibilities to decrease cyanide concentration at Aurul Recea has been completed. Preparations for the closure of 47 non-complying industrial hazardous landfills by end of 2006 have to continue. Delays have been registered in the establishment of collection systems as well as recovery and recycling facilities for electrical and electronic waste.*

*Further efforts are needed as regards implementation measures for the **shipment of waste** and the end of life vehicles should continue. Transition periods have been granted until 31 December 2011 for certain targets in the field of packaging waste, until 31 December 2009, 31 December 2013 and 16 July 2017 for certain types of landfill of waste, until 31 December 2011 for the shipment of waste and until 31 December 2008 for certain targets in the field of electrical and electronic waste.*

*In the area of **water quality**, legislation is largely in place and in line with the acquis. The Acquis on urban wastewater and discharges of dangerous substances into the aquatic environment has been transposed, but further implementing steps are needed to achieve full compliance. Administrative structures are largely in place and the implementation of the*

legislation is functioning. As regards investment in water infrastructure, Romania should secure the necessary funds to ensure proper implementation in particular in smaller communities. The register for discharges of dangerous substances needs to be progressively improved, and action plans for vulnerable zones under the nitrates directive will have to be finalized and adopted. The monitoring of water quality requires further enhanced efforts. Transitional arrangements have been agreed until 31 December 2018, with intermediate targets, for **urban wastewater treatment**, until 31 December 2009 for discharges of dangerous substances and until 31 December 2010 and 31 December 2015 for drinking water.

Concerning **nature protection**, legislation is in place, but transposition of certain requirements of the birds' Directive has to be completed by the date of accession. While administrative capacities have been established, the roles and responsibilities of the various institutions involved should be clearly defined and put into practice. Further staff is needed to fulfil the *acquis* requirements. Preparatory works for the establishment of the Natura 2000 network have advanced, NGOs have been involved in the identification and classification of sites of Community importance, and the focus should now be directed on the next steps to implement the directive including preparations to ensure that relevant protection measures are applied by accession. Attention should be paid to more coordination with the implementation of the water framework directive.

In the field of **industrial pollution**, the necessary legislation is largely in place and in line with the *acquis*. The transposition of the national emission ceiling directive has to be completed.

Administrative capacities have been established but need urgent strengthening, especially at regional level.

The capacity to issue integrated permits of a sufficient quality by the date of accession for all industrial installations subject to the Integrated Pollution Prevention and Control (IPPC) directive represents a major challenge and requires serious efforts. By September 2005, 13 integrated permits had been issued out of the 716 required by accession. The recruitment of additional experienced staff should be carried out as a matter of priority.

Preparations for the implementation of the large combustion plant directive should continue. In a first report on the closure of non-complying installations for thermal treatment of hazardous waste and the quantities of medical waste treated in 2004, Romania indicated that 52 incinerators were closed in 2004 and 14 incinerators were closed in the first five months of 2005. Transitional arrangements have been agreed until between 31 December 2008 and 31 December 2015 for certain numbers of installations under the IPPC directive, until 31 December 2013 and 2017 for certain emissions and certain installations under the large combustion plant directive and until 31 December 2007 and 2008 for certain incinerators under the incineration of waste directive.

The legislation concerning **chemicals and genetically modified organisms** is in place and largely in line with the *acquis*, except for biocides, where transposition has to be completed.

Implementation structures have been established and work adequately, but further implementing steps are needed in order to comply with the *acquis*. Inventories of biocide products are being prepared and enforcement activities are proceeding as planned. A proper notification system for new substances including data processing is still to be elaborated. Further staff training should be enhanced.

On **noise**, legislation is largely in place and in line with the *acquis*. Further transposition is needed to ensure full alignment with the directive on noise from outdoor equipment. The transposition of the directive on the assessment and management of environmental noise is

still to be assessed. The administrative capacity is still to be considerably reinforced (additional staff and staff training). Implementing measures are proceeding as planned. As regards **nuclear safety and radiation protection**, the transposition of the relevant legislation is still to be completed, in particular on the supervision of the shipment of radioactive waste. Administrative structures are established and function adequately. Some adjustments and further preparations are needed for the setting up of a supervision system for the shipment of radioactive waste.

### **Conclusion**

Romania is generally meeting the requirements for membership and, subject to good progress being maintained both in the alignment of legislation and administrative capacity, is expected to be in a position to implement the acquis in the areas of **air quality, nature protection, chemicals and genetically modified organisms, noise and nuclear safety and radiation protection** by accession. Romania should complete the legal alignment in these areas.

Furthermore, Romania should improve air quality management and monitoring and finalize air quality plans and programmes. In the field of nature protection, Romania should ensure that relevant protection measures are applied by accession.

Increased efforts are needed in the areas of **horizontal legislation, waste management and water quality** to finalize the transposition process and to ensure the implementation of the transposed legislation. Waste management plans have to be adopted and recycling and recovery rates have to be increased. The improvement of the internal healthcare waste management and finding the proper solutions concerning the final disposal of the hazardous healthcare waste according with the national and European standards. The monitoring of water quality requires further improvement and action plans have to be adopted.

Serious concerns exist in relation to **industrial pollution**. Considerable efforts are required to ensure that relevant permits are issued at local and regional level and complied with for all relevant IPPC installations by accession. Romania must also considerably accelerate its efforts to strengthen the administrative capacity of the environmental authorities in this field at all levels.

Overall, although Romania has made progress as regards **administrative capacity**, both in terms of the recruitment and training of personnel, further strengthening are required in particular at regional and local level. Lack of proper co-ordination between national, local and the relatively newly established regional environment authorities remains an area of serious concern and it must be addressed in order to ensure correct implementation of the environment acquis.'

### **Report on the conclusions of the last Peer Review Mission on Romania (7-10 February 2006)**

The third Peer Review Mission was the most complex of its kind from the point of view of the time span and the scrutinised domains (6): **air quality, climate change, waste management**, the implementation of the **IPPC Directive**, chemicals and **genetically modified organisms** (GMOs). Nine experts have participated: 4 from the Commission, 1 from DG Enlargement and 3 from DG Environment and 5 experts from the Member States, as follows: Italy – for the air quality sector, France – for the waste management sector, Sweden – for the chemicals sector, and Great Britain – for the IPPC Directive and climatic changes sector. The Mission evaluated:

- The general and sectorial institutional capacity for the protection of the environment (specific structures and collaboration relations with other ministries/institutions), the exact number of the employed personnel, the stage of the new staff recruitment, their qualifications, the trainings that had taken place, the specific budget allocated for the

protection of the environment, strategies, short and medium term plans and programmes

- On-the-spot visits to check stage of implementation and the law enforcement process for every sector (except for the climatic changes sector, where no on-the-spot visit was demanded).

### **Waste management:**

#### *Recommendations:*

- Intensifying the implementation activities, especially at the REPA's level;
- Determining some clear steps, with a well-defined time span, which will contribute to the realisation of the commitments made by Romania, especially in those domains for which transition periods were secured;
- The elaboration of sectorial plans in case of identification of specific problems, in view of their quick solution;
- Intensifying the control activity of the National Environmental Guard;
- Encouraging the private-public partnerships, in keeping with the National Strategy.

The tremendous efforts made in this sector were noticed. These efforts must continue in the future also, taking into consideration the team of experts activating at the national, regional and local levels.

### **Chemicals**

#### *Recommendations:*

- Efforts should be made for the implementation of the legislation, taking into consideration the short period of time remaining until accession;
- Expertise should be secured concerning chemicals risk evaluation, analysis of the technical security fiches, evaluation of the conformity of the chemicals control, and responsibilities should be clarified (especially at the level of the Health Ministry and of the structures in its subordination, concerning the inventory of the biocide products);
- Re-evaluation of the control system is necessary in order to prevent supplementary costs – the Ministry for Economy and Commerce should clarify its own responsibilities in this domain;
- The institutional capacity should be strengthen, at the level of the MEWM, but also for the REPA and the NEG (in terms of personnel and expertise);
- The contribution of the experts in the work groups should be intensified;
- Training of the specific personnel should continue, even through study visits in the Member States with a relevant expertise in this domain;
- The sanctions system is insufficient;
- In view of Romania's accession, the activity concerning the notification of the chemicals on Romanian territory and do not exist in the EU should be intensified; the enterprises and companies which qualify should be contacted in order to prepare the notification.

### **Genetically modified Organisms (GMOs):**

#### *Recommendations:*

- An evaluation of the responsibilities of the institutions involved is needed (there seem to be far too many institutions involved, and their role is not clearly defined);
- Supplementary financial and human resources must be allocated at the level of the NEPA and the NEG;
- Attention must be given to the costs supported by the state and the companies in the process of implementation of the specific legislation.

**Air quality:***Recommendations:*

- Although the maintenance of the laboratories is already provided for, financially speaking, for the next two years, financial and human resources are still needed, for the maintenance of the equipment at high standards;
- Although the location of the laboratories is fixed, there is a need for flexibility concerning their positioning so that they can work at their full capacity;
- Although there are problems with the primary pollutants (SO<sub>2</sub> and NO<sub>x</sub>), the acquisition of equipment being in progress, the most important future pollutants will be the particulate matters and the ozone, for which studies should be conducted;
- A national inventory of emissions is necessary, which would use a chemical model for the elaboration of strategies and prognosis, in view of the implementation of the measures concerning the reduction of emissions;
- Collaboration at the national and regional level should be improved;
- The centres for the public's information should improve their activity by acquiring performing equipment.

**Climatic changes:***Recommendations:*

- A synergic team should be built at the level of the REPA, dealing with IPPC issues;
- There are some concerns regarding the elaboration of the National Plan for Emission's Allocation (which will be finalised only in September 2006); its completion as quickly as possible should be a priority, with an accent on 2012 projections.

**The implementation of the IPPC Directive***Recommendations:*

- The NEG representatives must disseminate their understanding of the IPPC concept;
- The ones giving the integrated environment authorisation must fully comprehend why a certain authorisation is given or not;
- The short time presupposes a degree of intolerance concerning the delayed applications (pressure on operators is needed);
- The procedure has many steps and, although it is well managed, time must be considered;
- The actualisation of the waters management authorisation (which is part of the integrated authorisation) should ensure a speeding up of the procedures;
- The necessary conditions must be provided for the modification of the authorisation when the BAT/ BREF suffer modifications.

**CONCLUSIONS:**

- The efforts, progress made and the Mission's organisation were appreciated;
- The progress made in the recruitment of personnel was appreciated; the process must continue (it should not stop at the end of 2006);
- The implication of the other ministries was appreciated; still, a better coordination is necessary especially in the domain of chemicals;
- The activity of the NEPA is well defined, but there are still some responsibilities which need transferring from the MEWM to the NEPA;
- Continuous efforts are still necessary in preparing the Nature 2000 List (an aspect which was signalled, even if it was not part of the evaluated sectors);
- A larger involvement of the NEPA, REPA, and LEPA is needed;
- There is a need to intensify the allocation of funds (especially towards the REPA);

- A system of penalties and a suitable rise of fines is necessary;
- The availability of the EC experts to offer assistance in sensitive domains. The Romanian counterpart mentioned that it will ask for TAIEX assistance in the field of chemicals – clarifying the responsibilities of the institutions involved, and in the domain of air quality – the elaboration of models for the measurement of the ozone and particulate matters emissions;

**The progress made was significant, but there are still many matters to be considered.**