

### Annex 5.4. - Logical Framework

LOGFRAME PLANNING MATRIX FOR PROJECT		Programme name and number	
<b>Supporting the Environmental Protection Decisions through GIS</b>		Contracting period expires <b>30/11/2007</b>	Disbursement period expires <b>30/11/2008</b>
		Total budget: <b>6.8 MEURO</b>	Phare budget: <b>5.8 MEURO</b>
<b>Overall objective</b>	<b>Relates to Copenhagen criterion and Acquis chapter</b>	<b>List of other projects with same objective</b>	
<i>Strengthening institutional capacity to implement and enforce the environmental acquis focused on GIS - VII</i>	Negotiations on Chapter 22 - Environment	<ul style="list-style-type: none"> <li>• <b>Phare 2001</b> – Technical Assistance for Elaboration of the Environmental Cost Assessment and Investment Plan;</li> <li>• <b>Phare 2002</b> - Establishment of an Information System and a Database for Water Management Field According to the Requirement of the Water Framework Directive;</li> <li>• <b>Phare 2004</b> - Implementation of NATURA 2000 Network in Romania;</li> <li>• <b>GEF project:</b> Biodiversity Conservation Management</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 establishing a system for decision support by using GIS	<ul style="list-style-type: none"> <li>• Number of administrative structures that improved their competences in terms</li> </ul>	<ul style="list-style-type: none"> <li>• Program progress reports;</li> <li>• Monitoring Reports prepared for Sector Monitoring Sub-</li> </ul>	<ul style="list-style-type: none"> <li>• National legislation compliant with EU legislation;</li> </ul>

	of efficiency and effectiveness related decision-making process by using GIS environmental maps;	Committees; <ul style="list-style-type: none"> <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>• 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> <li>• Successful implementation of Task no.7.1 from 2004 Phare project.</li> </ul>
<b>Results</b>	<b>Objectively Verifiable Indicators</b>	<b>Sources of Verification</b>	<b>Assumptions</b>
<b>Task 7.2</b> <ul style="list-style-type: none"> <li>• GIS environmental related maps elaborated;</li> <li>• Staff trained in operating the GIS system and the environmental related GIS maps;</li> <li>• The sources of datasets and the organisations that will update such data defined;</li> <li>• Validation systems established.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of GIS environmental related maps elaborated/ no. of maps to be elaborated according to Terms of Reference;</li> <li>• Number of the persons trained/ number of persons to be trained according to needs assessment study;</li> <li>• Quality of the training courses testified through evaluation questionnaires/ no. of certificates issued;</li> <li>• Number of data providers and organisations involved in updating data;</li> <li>• Number of validation</li> </ul>	<ul style="list-style-type: none"> <li>• Technical monitoring reports;</li> <li>• Training reports;</li> <li>• Guidelines and procedure manuals of similar programs in EU member states as example;</li> <li>• TA project reports and documentation;</li> <li>• Minutes of the Project Steering Committee meetings.</li> </ul>	<ul style="list-style-type: none"> <li>• Horizontal and transparent co-operation between key stakeholders;</li> <li>• Interest of the beneficiary authorities for the training component is obvious;</li> <li>• Trained staff will keep working for the same structures.</li> </ul>

<p><b>Task 7.3</b></p> <ul style="list-style-type: none"> <li>• GIS associated equipment tested and full operational;</li> <li>• Trained staff in operating the purchased equipment.</li> </ul>	<p>systems and associated procedures;</p> <ul style="list-style-type: none"> <li>• GIS software and hardware delivered, installed, no. of locations identified during need assessment process;</li> <li>• Number of the persons trained/ number of persons to be trained according to needs assessment study;</li> <li>• Quality of the training courses testified by evaluation questionnaires/ no. of certificates issued.</li> </ul>		
<p><b>Activities</b></p>	<p><b>Means</b></p>		<p><b>Assumptions</b></p>
<p><b>Task 7.2</b></p> <ul style="list-style-type: none"> <li>• To define the methodology used for developing environmental related maps;</li> <li>• To develop the established environmental related GIS maps;</li> <li>• To train the staff in working with GIS (general creation and analysis, presentation of territorial data, creation of databases and input data, creation of thematic maps layers, graphs and tables)</li> <li>• To train the staff at central, regional and local level in using GIS maps;</li> <li>• To define the sources of datasets and the organisations that will update such data;</li> <li>• To establish validation systems.</li> </ul>	<ul style="list-style-type: none"> <li>• One TA Contract for 18 months;</li> <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>• Appropriate communication and collaboration between project stakeholders;</li> <li>• Training are carried out successfully;</li> <li>• Staff turnover is limited;</li> <li>• Qualified experts identified and rapidly mobilized.</li> </ul>

**Task 7.3**

- To procure and install all necessary IT equipment, including GIS at local and central levels;
- To train the staff in working with GIS

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