

Standard Summary Project Fiche for the Transition Facility

1. Basic Information

1.1 CRIS Number: 2007/019-303.04.01

1.2 Twinning contract BG/07/IB/EN /01

1.3 Title: **Strengthening the administrative capacity of water management authorities in Bulgaria for the implementation of economic instruments for water management according to the Water Framework Directive 2000/60/EC**

1.4 Sector: *Environment*

1.5 Location: Water Directorate of the Ministry of Environment and Water and its four River Basin Directorates, Republic of Bulgaria

2. Objectives

2.1 Overall Objective(s):

Achievement of good status for all water by 2015 according to the Water Framework Directive 2000/60EC

2.2 Project purpose:

Strengthening the administrative capacity of the water management authorities in Bulgaria for the implementation of economic instruments for water management according to the WFD requirements (*art.9 and art.11 thereof*)

2.3 Justification

In the latest monitoring report on the state of preparedness for EU membership of Bulgaria and Romania from September 26, 2006, it is mentioned, that the amendments to the existing Water Act providing the full compliance with the requirements of EU-WFD have to be prepared. Actually these amendments to the Water Act have been enforced from 11th of August 2006.

In the Monitoring Report it is mentioned also that the Bulgarian Water Management authorities have to strengthen their administrative capacity such as human resources, laboratories and equipment, especially on a regional level, in order to implement and endorse Community legislation as well as to foster the exchange of best practice in the water field.


The application of economic principles (cost recovery analysis, cost-effectiveness and cost-benefit analysis), approaches and tools as well as the consideration of economic instruments should be used to achieve the environmental objectives of the European Union in the most effective manner.

3. Description

3.1 Background and justification:

In the water sector, in order to satisfy the requirements of EU Water Framework Directive (hereinafter referred to as "EU-WFD") that targets realization of preferable status of all the water bodies in the area by the year 2015, the government of Bulgaria has enforced new Water Act (hereinafter referred to as "the Water Act") in 2000, and is promoting organizational and legal development dividing the whole country into four river basin districts.

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In accordance with the process of harmonization with the legislation of the European Union and article 135, of the Water Act adopted in 1999, the following regulations transposing the EU water related directives have been prepared:

- Regulation on the way and order of industrial waste water discharge in the urban sewerage systems (Dir. 76/464/EEC; 91/271/EEC);
- Regulation on the quality of the water intended for humane consumption (Dir. 98/83/EEC);
- Regulation on the quality requirements to surface water intended for drinking purposes (75/440/EEC);
- Regulation on the prevention of the waters from nitrates pollution caused by agriculture (Dir. 91/676/EC);
- Regulation on the quality of bathing water (Dir. 76/160/EC);
- Regulation on the quality of fish and shellfish water (Dir. 78/659/EEC and 79/923/EEC);
- Regulation on the quality of coastal sea water (Dir. 79/923/EEC; 76/464/EEC; 91/271/EC and 76/160/EEC);
- Regulation on the emission limit values of dangerous and hazardous substances in the discharged waste water (Dir. 76/464/EEC);
- Regulation on the way and order of the development of the networks and National Water Monitoring System activities ;
- Regulation on the research, use and prevention of the ground water (Dir. 80/68/EEC and 76/464/EEC);
- Regulation on the sanitary protected areas (Dir. 75/440/EEC; 80/68/EEC; 91/676/EEC);
- Regulation on the waste water discharge permits issue and individual emission limit values for point sources of pollution (Dir. 80/68/EEC; 76/464/EEC and 91/271/EC).

The main competent authority for implementation and enforcement of the above-mentioned Regulations is the Ministry of Environment and Water. Under the Ministry of Environment and Water, there are Environmental Executive Agency , four River Basin Directorates and 15 Inspectorates of Environment and water. The Environmental Executive Agency integrates 15 Regional Laboratories and it is responsible for the supervision of the monitoring water as well as the other elements of the environment such as air, soil, etc. Environmental Executive Agency (EEA) is a methodological body by the MOEW caring out investigations, capacity building and training courses, and providing referent laboratory and arbitrary analyses in the water field.

The Water Directorate of the Ministry of Environment and Water is responsible for the water management on the national level, while the 4 river basin Directorates are managing the water on the river basin District level.

The Water Act from 1999 /last amendment from August 2006/ fully harmonises the requirements of the EU Water Framework Directive 2000/60/EC.

The EU-WFD sets targets as follows:

- Formulation of river basin management plan by 2009;
- explanation of the draft plan to the public in 2008;
- submission of the plan to EU by 2010; and,
- realization of improvement of river basin water environment by 2015.

Under these targets, the Government of Bulgaria has started various activities related to the preparation of river basin management plans, through the Water Directorate of the Ministry of Environment and Water (hereinafter referred to as "MoEW") and MoEW regional authorities – River Basin Directorates, with the supporting role of the Executive Environmental Agency.

The draft River Basin Plans have to be prepared by 2008 according to the deadlines set in the EU-WFD . These Plans have to cover a list of main elements given in the Annex VII of the EU-WFD.

The Bulgarian national and regional water management authorities have already started the implementation of the elements required in the list for River Basin Management Plans.

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As a first step of the implementation the **National Report on Water Management at River-Basin Level in the Republic of Bulgaria – Review of the implementation of the requirements of art.5 and 6 of WFD 2000/60** was elaborated and presented to the European Commission in May 2005.

In this Report the first economic analysis of water use was elaborated for each river basin district. The economic analysis was prepared according to the requirements of Annex III and art.9 of EU-WFD and basically contains information in order the relevant calculations considering the principle of recovery of costs of water services and long term forecasts of supply and water demand in each river basin district to be made.

- The protection of the limited water resources and the insufficiency of financial resources for the water sector impose the necessity of integration of economy and politics in water management. The modern concept of effective water management implies not only accounting for the water quality and quantity requirements, but application of economic mechanisms, assistance to politics in decision making.
- The Water Framework Directive requires elaboration of economic analysis of water use in river basin. These analyses are part of the river basin management plans. The economic analysis is necessary for the formation of the overall economic profile of the river basin district and of the main water uses, as well as, for the presentation of the possible compromises and conflicts between the social-economic development, the environment and the protection of water.
- The economic significance of the water in the river basin, the key factors influencing water use, the development of economic factors in time, and their influence are identified in the economic analysis of water use.
- The economic analysis reviews the issues, related to water consumption, water resources and subsequently their development in time, as well as the possible future problems. The economic analysis studies the dynamics of the river basin and establishes the economic targets in the drafting process of the main scenario – assessment of forecasts, regarding the key economic factors, likely to impact the water status.
- The Water Framework Directive regulates the current level of cost recovery for the water services in the water sector. The main elements, subject to the study involve the status of the services in the water sector, the rate of cost recovery for these services, the institutional structure of the cost recovery and the part of the main water uses in the costs for the services in the water sector. Finally the purpose is to ensure an incentive pricing policy by 2010.
- The applied data involve characterization of the main types of water use by economic sectors and their impact on the social and economic development in the region, with clarification of the relative part of the gross added value by sectors, the gross income, turnover and others. The National Statistical Institute, Water supply and Sewerage companies, Irrigation systems etc. are used as sources of information.

Following the strict deadlines of EU-WFD, the water management authorities in Bulgaria are developing the Monitoring programs for surface water status, for groundwater status and for the protected areas.

The next step in the process of EU-WFD implementation is the elaboration of the preliminary Programs of measures for each river basin district, where all water bodies have to be identified, justified and classified.

The Programs of measures according to art.8 of EU-WFD consist of basic and supplementary measures, which are presented in details in Annex VII River Basin Management Plan.

Bulgarian water management authorities need strengthening the administrative capacity and knowledge in the process of identification and assessment of the Supplementary measures as part of the Programs of Measures.

Bulgarian water management authorities need strengthening the administrative capacity and knowledge as well as in the process of the integration of the Preliminary Programs of measures and the Monitoring Programs into the River Basin Management Plans.

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The implementation procedure of EU-WFD has met the following actual state in Bulgaria:

- The transfer from typology System A to System B (for all water categories: rivers, lakes, coastal waters) is completed;
- The new Risk Assessment on surface waters and on groundwater (exception: Risk assessment on relevant substances according to Annexes V, VIII, IX and X which has to be implemented by the PHARE 2006-Project on monitoring networks) is completed;
- The first economic analysis of water use is reviewed and updated;
- The Monitoring programs for surface water status, groundwater status and protected areas are in the process of finalization
- The elements of the preliminary programmes of measures as point sources of pollution, diffuse sources of pollution, morphological alteration, hazardous substances and sustainable water use are elaborated
- The structure and the Working programs for the River Basin Management Plans preparation are elaborated.

Our experience in the process of EU-WFD implementation reveals some gaps in:

1. Implementing the economic elements of the EU-WFD, especially in planning, decision, financing, water pricing of water service infrastructure (waste water and water supply infrastructure).
2. Identifying practical economic tools and approaches to be tested and transferred on the River Sub basins.
3. Formulating of the preliminary Programs of basic measures due to lack of experience and knowledge in the process of identifying cost effective measures and combination of measures /art.11 and Annex III of EU-WFD/
4. Identifying the supplementary measures to the basic ones in order to meet the EU-WFD environmental objectives established /and which measures are part of the Programs of measures according to art.11, Annex VI and Annex VII of the EU-WFD/;

The goal of the Twinning project is to introduce appropriate economic instruments, to implement the appropriate water pricing policies in the water management sector and to improve the level knowledge of the water administration in order to fulfil all obligations of the WFD.

3.2 Linked activities:

There are completed and on-going projects with direct impact to the water sector and implementation of the requirement of the EU WFD:

Phare Twinning project 1998: Transposition of the EU Directives dealing with Urban Wastewater treatment (91/271/EEC), Dangerous Substances discharges into aquatic environment (76/464/EEC) and Permit issuing. This project helped the Ministry of Environment and Water (MOEW) in the process of transposition of the requirements of these Directives and in this connection MOEW has adopted and approved 2 Programs for the implementation of Urban Waste Water Directive and Dangerous Substances Directive. These Programs were presented to the European Commission in March 2004 and became part of the Bulgarian legislation.

The first step of River Basin Management in Bulgaria was conducted with the help of the first Twinning project between France and Bulgaria BG EN 99 from 1999 to 2002 with institutional establishment of the four River Basin Authorities.

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The second step was Twinning project EN 2000 (BG2000EN01A – Institutional strengthening at national and regional level for implementation of the drinking water, fish water and shellfish water, bathing water and dangerous substances discharges directives) by the development of appropriate tools and methodologies for implementation of Acquis Communautaire in the field of drinking water, surface water, bathing, fish and shellfish water and dangerous substances.

Already completed project of the DANCEE section of the Danish Environmental Protection Agency (DEPA) is called “Implementation of the Water Framework Directive in Bulgaria - support to the Bulgarian Ministry of Environment and Water and to the Black Sea Basin Directorate”. This project aimed at providing strategic and technical support to the Ministry of Environment and Water in the pilot Black Sea River Basin District for the River Basin Overview, undertaking GIS training and institutional strengthening of the Black Sea Basin Directorate.

Another already completed project is the project of the Italian Ministry of Environment and Territory called Iskar Pilot Project: Implementation of the Water Framework Directive and Water monitoring Network pre-feasibility study in the Iskar River Basin. The Project aimed at the elaboration of an Action Plan for the implementation of Water Framework Directive in the most important tributary to the Danube River – Iskar River.

The last Twinning Project BG 03/IB-EN 02 called “Institutional strengthening of the River Basin Authorities in Bulgaria for Implementation of the EU Water Framework Directive in the Danube River Basin (Pilot River Basin and Sub-River Basin)” started in August 2004 with the help of key experts from the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Federal Republic of Germany. The project supported the efforts of Bulgarian water management authorities in implementing the legislative and technical elements of the Water Framework Directive in accordance with the Bulgarian Environmental legislation, particularly the elaboration of the elements of the first Draft of the River Basin Management Plan for the Bulgarian part of the Danube River Basin.

From June 2006 a new project called “The Study on Integrated Water Management in the Republic of Bulgaria” has started. The project is financed by the Japan International Cooperation Agency /JICA/. The objectives of the Study are to assist the Water Directorate of Ministry of Environment and Water and the River Basin Directorates in the preparation of River Basin Management Plans according to the requirements of EU-WFD as well as to transfer technology and conduct training on Integrated Water Management on a river basin level.

PHARE Twinning project “Integrated management of the waters in the river basin of Mesta / Nestos” (2002/000.624.04). The project consists of two parts, phase I is finished and phase II should start at the beginning of 2007. The duration of the project was 1 year and the total budget was 400 000 EUR. The project produced 6 working packages. The most important one for the underlying project is working package “Economic analysis of water usage“. One of the main purposes of the project was to collect all necessary information for Phase II, to assess information gaps and needs for strengthening the capacity of the WABD in order to meet the WFD requirements;

Related programmes and donor activities:

- “Economic analyses of water usage” ordered by the MoEW and executed by the Sofia Consulting Group and the Economic Institute at the Bulgarian Academy of Sciences. The document methodology has implemented the three-steps-approach of economic analysis. While indicating the tendencies and prognoses for development of the economy and water usage, it has made reference to the period of 1998 – 2003 and prognoses were made for the period of 2004 – 2015 (in accordance with the provisions of Article 5 and Appendix III of the EU Water Framework Directive).

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- Just started Dutch project PPA06BG71 “Analyses and economic argumentation of programmes of measures included in the River Basin Management Plan”. The project is financed by the Dutch Agency for international cooperation (EVD) and its purpose is to strengthening the capacity of the West Aegean River Basin Directorate in Bulgaria to develop the financial-economic foundations of water management plans, according to art.5 and 9 of the WFD 2000/60/EC. The beneficiary of the results will be one of our 4 river basin Directorates, the selected pilot area will be Struma river basin.

3.3 Results:

1. Analyzed and assessed administrative capacity of water management authorities (Water Directorate of the Ministry of Environment and Waters and the River Basin Directorates in Bulgaria) for the implementation of economic instruments for water management and considering the results of all related programs and donor activities.
2. Elaborated first draft of the Supplementary measures as a part of the Programs of measures in accordance with art.11 of WFD and strengthened and experienced staff of water management authorities to work with the Supplementary measures.
3. Established system for control and analysis of the Programs of measures for the proper decision making of the water management authorities.
4. Trained staff of water management authorities in planning, decision making, financing and water services pricing.
5. Elaborated guideline and/or instructions on the presented and feasible economic instruments, methods and tools supporting the preparation of River Basin Management Plans, using the practical results collected in the selected pilot river basin areas.
6. Knowledgeable experts of the relevant Ministries and other stakeholders in dealing with the economic instruments for water management in Bulgaria.
7. Established system (database management application) for gathering, processing, analysis and dissemination of economic data/information (incl. for the collected fees under the newly amended Water Act from August 2006) and strengthened and experienced staff to deal with this application.
8. Identified and assessed IT needs of the water management authorities for the implementation of the economic instruments and methods in River Basin Management Planning.
9. Software for the implementation of economic instruments, including the appropriate simulation models needed in the process of the assessment of the effectiveness of the Programs of measures.

3.4 Activities:

Twinning component:

1. Analysis and assessment of the administrative capacity of the Water Directorate and the four River Basin Directorates for the implementation of economic instruments /mechanisms/ for the purposes of water management.
- 2.a. Elaboration of the first draft on the Supplementary measures as part of the Programs of measures /according to the requirements of art.11, Annex VI and Annex VII of EU-WFD/ for selected pilot river basins.

The Supplementary measures non-exclusively consist of:
Economic instruments /prices, fees, subventions/
Tax instruments /deduction etc./

Technical regulators /installations building and operation/
Education and additional training /authorities, financing institutions, enterprises/
Networks/cooperation
Economic monitoring /profit and loss calculation/
Demonstration intentions, pilot projects.

2.b. Raising the capacity and knowledge of the Water Directorate and the four River Basin Directorates on the elaboration of the first Supplementary measures as part of the River Basin Management Planning.

3.a. Practical and transparent economic evaluation methods to be developed and tested for the identification of the most cost-effective Programs of measures and the cost-benefit analysis, but also to assess the impacts of the cost of the measures on the main economic sectors (e.g. which increase of the water bill paid by the households).

3.b. Sustainable training the staff of the Water Directorate and the four River Basin Directorates for better understanding and implementation of the economic evaluation methods (preparation of manuals, training of trainers as adequate).

3.c. Raising the capacity and knowledge of the Water Directorate and the four River Basin Directorates on the interpretation of monitoring and control data in the process of the assessment of the effectiveness of the Programs of measures.

3.d. Presentation of appropriate simulation models required in the process of the assessment of the effectiveness of the Programs of measures. A workshop on the practical use of the presented simulation models.

3.e. Study tour to member-state with advanced experience in the implementation of cost-recovery principle for water services and economic instruments supporting the preparation of River Basin Management Plans.

The experts participating in the study visits will compile a report that will be distributed within the water management administration.

4. Training the staff of the Water Directorate and the four River Basin Directorates for better understanding and implementation of the principle for cost recovery for water services /art.9 and Annex VII, point 7.2 of EU-WFD/, including training of staff to implement stimuli for water users to achieve efficient water use.

5. Elaboration of guideline and/or instructions on the presented and feasible economic instruments, methods and tools supporting the preparation of River Basin Management Plans.

6. Workshops and seminars for the dissemination of the basic knowledge on economic instruments /mechanisms/ for the whole staff of the water management authorities in Bulgaria. 7. Development of an information system (database management application) in order to collect, analyse and disseminate economic data/information (incl. for the collected fees under the newly amended Water Act from August 2006) This information system should enable to identify all the actors involved in the process and products that might be provided through this system.

Service component:

8. Gap analysis of the IT needs of the water management authorities for the implementation of the economic instruments and methods in River Basin Management Planning.

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9. Design, development, validation, implementation and maintenance of the Software for the implementation of economic instruments, including the appropriate simulation models needed in the process of the assessment of the effectiveness of the Programs of measures

The training requested under the current project will be of benefit to both the central water management authorities at MOEW and the river basin management authorities of the four River Basin Directorates (RBDs) in Bulgaria.

As regards the elaboration of a Supplementary measures draft, in particular regarding the economic mechanisms no training has been provided for the competent Water management authorities at central and local level.

The training requested within this project aims at preparing the Water Directorate experts at MOEW and the River Basin Directorates authorities to elaborate Programs of measures, as a main part of the River Basin Management Plans in a most cost-effective way.

The draft of Supplementary measures will be a part of this Program and the economic mechanisms shall be included in this draft. For this purpose they need to gather knowledge about the economic instruments, in particular about the economic evaluation methods and their implementation. The water management authorities need to have a better understanding on the principle for cost recovery for water services and its implementation.

This project will finalize the process of preparation of all water management authorities in Bulgaria for the development and implementation of River Basin Management Plans in Bulgaria as required by the WFD.

The Water management authorities in Bulgaria are new governmental structures, which need support in the process of preparation of the River Basin Management Plans as basic tools for the achievement of the good ecological status of all waters till 2015. The core parts of the River Basin Management Plans are the Programs of measures, whose effectiveness depends on the knowledge and experience of the water administration in the process of application of economic principles (cost recovery), approaches and tools as well as the consideration of economic instruments. All mentioned economic principles, approaches and tools and the relevant hardware and software should be used to achieve the environmental objectives of the Water Framework Directive in the most effective manner.

A list with the available Hardware and Software in the Water Directorate at MOEW and in the 4 River Basin Directorates is attached to the PF as a separate document.

This list shows that at central and local levels there is no specialized software, which could be used for the implementation of the WFD requirements concerning the economic instruments as a part of the River Basin Management Planning.

The technical specifications and tender dossiers for service component will be elaborated by independent experts within PPF under the PHARE Program and should be checked by the twinning.

3.5 Lessons learned:

The first study in the field of economic issues following the requirements of the WFD 2000/60/EC was the procurement called "Economic analyses of water usage" which was ordered by the Ministry of Environment and Water and executed by the Sofia Consulting Group and the Economic Institute at the Bulgarian Academy of Sciences in 2003.

The results of this procurement were sustainable in the period when they were performed. They were the basis for the preparation of the National report concerning the economic analysis requirements of art.5 of WFD (presented to the EC in May 2005)

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The first economic analysis of water use has to be updated in accordance with the last amendments of the Water Law in Bulgaria (from August 2006), which concern the approved financial and economic changes in the field of water management.

Meanwhile water management authorities have gained some knowledge (but not sufficient) in the field of economic issues. Our experience in the process of EU-WFD implementation reveals some gaps in:

1. Implementing the economic elements of the EU-WFD, especially in planning, decision, financing, water pricing of water service infrastructure (waste water and water supply infrastructure).
2. Identifying practical economic tools and approaches to be tested and transferred on the River Sub basins.
3. Formulating of the preliminary Programs of basic measures due to lack of experience and knowledge in the process of identifying cost effective measures and combination of measures /art.11 and Annex III of EU-WFD/
4. Identifying the supplementary measures to the basic ones in order to meet the EU-WFD environmental objectives established /and which measures are part of the Programs of measures according to art.11, Annex VI and Annex VII of the EU-WFD/;

The mentioned (in p.3.2- Related programmes and donor activities) procurement result can be a basis for further activities within this project in order to fill in the above mentioned gaps in the capacity of the water management authorities.

The project results of the mentioned in point 3.2 Dutch project PPA06BG71 will be considered in the process of the development of the current project. The Dutch project will be concentrated on a selected Struma river basin, implementing art.5 and art.9 of the WFD.

The current project will be focused mainly on the Supplementary measures for all 4 River Basin Directorates as a part of the Programs of measures according to art.11 of the WFD.

The current project will contribute to the implementation of the approved financial economic changes (according to the last amended Water Act) into Water management practice in Bulgaria. The envisaged results within this project will also contribute to the preparation of all Water management authorities to fully implement the economic elements under WFD and to identify the practical economic tools, cost-effective measures, combination of measures and supplementary measures as a part of the Program of measures under Art.11 of WFD.

The goal of this Twinning project is to introduce appropriate economic instruments, to implement the appropriate water pricing policies in the water management sector and to improve the level of knowledge of the water administration in order to fulfil all obligations of the WFD. The available knowledge in Bulgaria as well as the results of the just started Dutch project whose beneficiary is one of our four River Basin Directorates should be taken into consideration.

4. Institutional Framework

The Ministry of Environment and Water (MOEW) is responsible for formulating the national environment protection policy, preparing the legislation, budgeting of the environment protection activities. It is the authority responsible for water management on national level. The Ministry will rely on the Executive Environment Agency in terms of real and timely information for the environmental components in the country, which is necessary for the effective decision-making process and, at the same time, it guarantees environmental transparency towards the public.

The Executive Environmental Agency (ExEA) is an administration under the Ministry of Environment and Water. The ExEA is in charge with the organization and management of implementation of the monitoring of the ecological and chemical status and quality of water, summary of the water ecological status data and with the indication of the adverse trends related to the water

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environment quality. The ExEA is the methodological leader of the Regional Laboratories in the field of the sampling and assessment of surface and ground waters.

There are 15 regional laboratories under the ExEA. They are in charge of the monitoring activities such as sampling, analyzing and delivering the data to the Monitoring Departments of River Basin Authorities and MOEW and the relevant institutions.

Basin Directorates:

Following the principle of river basin management in the country, stipulated in the Water Act, four river basins districts are established in the country. After the establishment of the Basin Directorates in 2002 as the competent water management authorities, they started their activities and are playing active role in the performance of tasks regarding the implementation of the WFD. The Basin Directorates in Bulgaria are as follows:

Danube Basin District with headquarter in the town of Pleven

Black Sea Basin District with headquarter in the town of Varna

East Aegean Basin District with headquarter in the town of Plovdiv

West Aegean Basin District with headquarter in the town of Blagoevgrad.

The Water Directorate of the Ministry of Environment and Water and the four River Basin Directorates are responsible for the water management on a national and regional level on the basis of the requirements of EU-WFD and the Water Act as relevant to EU-WFD legal basis.

The main tool for the achievement of the environmental objectives of the EU-WFD is the River Basin Management plan, the most important part of which are the so called Programs of measures. The elaboration and assessment of the Programs of measures, and especially the Programs of supplementary measures is the next task for the water management authorities in Bulgaria.

On the basis of the above-mentioned the project has to have as beneficiaries the Water Directorate of the Ministry of Environment and Water and the four River Basin Directorates.

The Water Directorate consists of 34 experts, while the four River Basin Directorates staff is about 250 experts. There are 6 departments in each River Basin Directorate: Water and Water Cadastre, Control and public relations, Administrative, Planning and management, Monitoring and Permits and registers.

As a result of the project implementation the capacity and knowledge on the economic methods and instruments of the experts designated to be directly involved will raise significantly. This will allow to facilitate the process of Programs of measures and River Basin Management Plans elaboration and their further updating.

The targeted objective of the project is the strengthening the administrative capacity of water management authorities in Bulgaria for the implementation of economic evaluation procedures in the process of identification of cost effective Programs of measures for the purposes of River Basin Management Planning. There is administrative capacity for implementation of the EU-WFD related economic instrument and methods on national and regional level, but the staff needs training for raising the knowledge, understanding and practical implementation in this respect.

- *IB Twinning component:*

1. The Ministry of Environment and Water, by the Water Directorate, which is the responsible body for the water management on the river basin principle in Bulgaria. The Water Directorate is divided into two departments.
2. Four River Basin Directorates are responsible for the water management in the designated 4 River Basin Districts according to the Water Law /adopted 1999, last amendment – 08.2006/

- *Service component*

Owners of the software, connected with economic instruments as well as the simulation models will be the 4 River Basin Directorates and the Water Directorate of MoEW.

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5. Detailed Budget

€M	Transition Facility support			Co-financing			Total cost
	Investment	Institution Building	Total Transition Facility (=I+IB)	National Public Funds (*)	Other Sources (**)	Total co-financing of the project	TF plus co-financing
Twinning contract 1		0,810	0,810				0.810
Service contract 2	0.075		0.075	0.025		0.025	0.100
Total	0.075	0,810	0.885	0.025		0.025	0.910

(*) contributions from National, Regional, Local, Municipal authorities, FIs loans to public entities, funds from public enterprises. All the co-financing is joint co-financing and will be provided from the state budget. The requested sum will be earmarked for the beneficiary institution in its budgetary appropriations for the year 2008-2009. In the case where the final overall cost is lower than foreseen in the project fiche, the national public and Transition Facility co-financing shall be reduced proportionally so as to maintain the agreed rate of co-financing.

(**) private funds, FIs loans to private entities

Contributions from Bulgarian administration for effective implementation of the twinning may be further detailed in the twinning contract/terms of references.

To ensure smooth implementation of the project, the beneficiary will provide adequately equipped office space with telephone, PC (Internet) and fax. Photocopier and access to the necessary information as well as secretarial support will be ensured during the project life-time. In addition the beneficiary will provide space and facilities for workshops (training), consultations and seminars. The national co-financing will be specified in the twinning contract.

(***) The national co-financing for the Twinning project should be up to 10 % from the State budget through the national fund.

6. Implementation Arrangements

6.1. Implementing Agency

- The CFCU - Ministry of Finance of Republic of Bulgaria is the Implementing Agency (IA) for this project. The financial management of the TF arrangements will be the responsibility of CFCU:

Mr. Gergana Beremska
Ministry of Finance
102, Rakovski Str. , 1000 Sofia, Bulgaria
Tel. +359 2 9859 2772; Fax +359 2 9859 2773

The Beneficiary of the project will be the Ministry of Environment and Water and especially:
Water Directorate
Four River Basin Directorates

SPO: Mr. Atanas Kostadinov
Deputy Minister
Ministry of Environment and Water,

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Tel. +359 2 980 6728; Fax +359 2 980 9641
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6.2. Twinning

The Twinning Manual will apply to twinning component of this project.

The responsible person for twinning arrangement at the MOEW is:

Mr Vladimir Dontchev (BC project leader and project manager)

Director of Water Directorate

Ministry of Environment and Water

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The Bulgarian Project Leader shall direct the implementation of the project and shall be responsible for the substance and the progress of the project.

In his tasks, he will be assisted, for the specific project by:

RTA counterpart shall be **Mrs. Galina Balusheva**. She will work on a day-to day basis with the RTA.

Mrs. Galina Balusheva (RTA counterpart)

Chief Expert

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Chairman of the Steering committee:

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MRDPW

Mr.Plamen Nikiforov
Director of Water Supply and Sewerage Directorate
Ministry of Regional Development and Public Works

Representatives of the Ministry of Agriculture and Forestry

Representative of the Ministry of Health

Representative of the Ministry of Economy and Energy

Representatives of Water Supply and Sewerage Companies in the selected river basins

Representative of the relevant municipalities

The expected activities will be implemented through:

Twinning should cover:

- ☐ 18 months of twinning support and assistance provided by Resident Twinning Advisors (RTA) consisted mostly of:

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- assessment of existing institutional system in water management in Bulgaria concerning the efficient enforcement of the implementation of economic instruments for water management according to the Water Framework Directive 2000/60/EC
- advisory assistance for supervising the activities,
- support in preparation of the tasks for the Short Term Experts,
- co-operation with Short Term Experts within the investment activities,
- workshops, joint inspections in the EU Member States implementing best practices with local inspectors, and in Bulgaria
- reporting to the TF authorities,
- Medium and short-term visits by experts with knowledge and experience supplementing the expertise of RTA consisted mostly of:
 - practical experience in performance of implementation of economic instruments for water management
 - specific knowledge on operation of implementation of economic instruments for water management
 - operations
 - preparation of methodological guidelines/manual
 - assisting in development of policy for annual planning of the economic instruments for water management for the beneficiaries
 - assisting in development of manual for the beneficiaries
 - assisting in development of checklists for economic instruments for water management for the beneficiaries
 - training for the River Basin Directorates personnel,
 - seminars introducing developed guideline regarding practical application of economic instruments for water management
 - practical training
- Seminars, training regarding practical use of developed guideline and simulation models and checklists.
- Requirements concerning the RTA

The RTA should be a public servant with at least 10 years of experience in a relevant central administrative structure of a Member State (M.S.), and preferably at least three years' experience in the organization of the practical application of the *acquis communautaire*. The RTA should have knowledge and/or experience in organizing the implementation of legislation on the water management and economic instruments according to the WFD requirements and exchange of information, supplemented by skills in project management as well as ability to lead a process, communicate clearly and train staff. International experience and fluency in English are also required. Expertise in the enforcement of the relevant EU legislation would also be beneficiary.

The Project leader should have acquired at least 7 years of experience as a public sector expert in a relevant central administrative structure of a Member State (M.S.), and preferably experience in the organization and the practical implementation of Twinning projects in this area. The Project leader should have knowledge and/or experience in the relevant documentation and exchange of information, supplemented by skills in project management as well as ability to lead a process, communicate clearly and train staff. International practice and fluency in English are also required. Expertise in the development and implementation of the relevant EU legislation would also be beneficiary.

The RTA assistant should assist the RTA, short and medium term experts in order to contribute to the good progress of project. He/she has to provide management assistance (including standard office/secretarial activities), e.g. preparation, organisation and support to local actions and missions of Member state experts; interpretation, translation, training, meetings, workshops, seminars, etc. and in the administrative tasks involved when required. Establishing and maintaining on behalf of the project regular contacts with national and international experts, governmental and non-governmental organizations. The RTA assistant should have university degree in political sciences, economics, government, international relations, statistics, languages or another relevant specialisation, as well as professional experience in management and administration tasks in an international office. Excellent spoken and written command of English and computer skills.

- Requirements concerning medium and short-term experts:
- educational background: corresponding higher education
 - professional experience: three-years experience
 - knowledge and experience on the economic instruments for water management

The expertise of Member State short-term experts should cover the following areas as public sector experts:

- economic analysis of water use,
 - implementation of the cost-recovery principle,
 - cost-benefit analysis,
 - experience in planning,
 - decision making, financing and water services pricing
 - experience in the organization of active involvement of all relevant stakeholders in the implementation of the Water Framework Directive
 - Relevant IT-expertise in the environmental field.
- Preferably they should be public servants with working experience in implementation and enforcement of the relevant water legislation, including in implementation of the cost-recovery principle and in development of Supplementary Measures within the Programme of measures under Art. 9 and Art. 11 of the Water Framework Directive.

6.3. Non-standard aspects

N.A.

6.4. Contracts

The project will be implemented through 2 contracts:

- Contract I - Twinning contract - Twinning manual will apply for twinning component of this project. The Twinning contract will be implemented for Total 810,000 Euro. Additional national co-financing (up to 10%) will cover equipment, office supplies and communication costs for the RTA's office, travel and subsistence costs for Bulgarian officials in seminars etc.
- Contract II - Service contract – The public procurement procedures will be carried out in accordance with the national procurement rule and in particular public service contract listed in Annex 2, point 7 of Public Procurement Law.

7. Implementation Schedule

Start of tendering	January 2008
Start of project activity	May 2008
Project Completion	January 2010

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8. Sustainability

The administrative unit at the MoEW which will be in charge is the “Water” Directorate consists of 34 experts working in the directorate and 6 of them will be directly involved in this project. They will work in close cooperation with the staff of the competent authorities for the water management on a regional level – the River Basin Directorates. The 4 River Basin Directorates will be also main beneficiaries and 2 economic experts from every River Basin Directorate will be directly involved in the project implementation. Altogether 14 experts from Water Directorate and 4 River Basin Directorates will work on the project.

The beneficiary has foreseen the coverage of costs for maintenance of supplied equipment.

9. Conditionality and sequencing

The technical specifications and tender dossiers for the service component will be elaborated by independent experts within PPF under the PHARE Program and must be checked by the twinning experts before the contract can be launched.

No special sequencing beyond this is foreseen.

ANNEXES TO PROJECT FICHE

1. Logical framework matrix in standard format (compulsory)
2. Detailed implementation chart (compulsory)
3. Contracting and disbursement schedule by quarter for full duration of programme (including disbursement period) (compulsory)
4. List of relevant Laws and Regulations (optional)

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ANNEX I

LOGFRAME PLANNING MATRIX FOR Project			Programme name and number		End of execution of the contracts period expires: 15 December 2010 Total Budget = 0.910 Mio. Euro
Overall Objective		Objectively verifiable Indicators	Contracting period expires: 15 December 2009		
			TF 0.885 MMuro		
			Sources of Verification		
Achievement of good status for all water till 2015 according to Water Framework Directive 2000/60/EC		Strengthened capacity of the competent water management authorities to fulfil the requirements of the WFD (trained staff of the national and local water management authorities) <u>Established system for control and assessment of the River Basin Management plans</u> <u>Programs of measures</u> Published guideline and/or instructions for the enforcement of the economic instruments for water management Developed and operational software for the implementation of economic instruments Database management application for gathering, processing, analysis and data exchange for the collected fees under the newly amended Water Act	MOEW Studies and analysis. Project Reports under the Twinning		

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Project Purpose		Objectively verifiable Indicators	Sources of Verification	Assumptions
Strengthening the administrative capacity of water management authorities in Bulgaria for the implementation of economic instruments for water management according to the WFD requirements (<i>art. 9 and art. 11 thereof</i>)		Established system for control and assessment of the Programs of measures as a core part of the River Basin Management Planning.	MOEW Project Reports under the Twinning. Independent Monitoring Reports	Regional and local institutions interested and effectively involved in the project activities. Financing available. National and regional instruments co-ordinated. Realization of contracts on time.
Results		Objectively verifiable Indicators	Sources of Verification	Assumptions

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<p>1. Analyzed and assessed administrative capacity of water management authorities (Water Directorate of the Ministry of Environment and Waters and the River Basin Directorates in Bulgaria) for the implementation of economic instruments for water management and considering the results of all related programs and donor activities.</p> <p>2. Elaborated first draft of the Supplementary measures as a part of the Programs of measures in accordance with art. 11 of WFD and strengthened and experienced staff of water management authorities to work with the Supplementary measures.</p> <p>3. Established system for control and analysis of the Programs of measures for the proper decision making of the water management authorities.</p> <p>4. Trained staff of water management authorities in planning, decision making, financing and water services pricing.</p> <p>5. Elaborated guideline and/or instructions on the presented and feasible economic instruments, methods and tools supporting the preparation of River Basin Management Plans, using the practical results collected in the selected pilot river basin areas.</p> <p>7. Established system (database management application) for gathering, processing, analysis and data exchange for the collected fees under the newly amended Water Act (from August 2006) and strengthened and experienced staff to deal with this application.</p> <p>8. Identified and assessed IT needs of the water management authorities for the implementation of the economic instruments and methods in River Basin Management Planning.</p> <p>Software for the implementation of economic instruments, including the</p>	<p>Analysis of the available administrative capacity for the implementation of economic instruments</p> <p>Development of drafts of Supplementary measures as a part of the Programs of measures</p> <p>Series of workshops and training exercises for the public administration organized within the project. Trained staff - 30 officials and specialists from MOEW system.</p> <p>Development and endorsement of an effective system for control and analysis of the Programs of measures.</p> <p>Series of workshops and training exercises for 30 specialists in planning, decision-making, financing and water services pricing.</p> <p>Published guideline and/or instructions for the enforcement of the economic instruments for water management</p>	<p>MOEW Twinning reports Independent Monitoring Reports</p>	<ul style="list-style-type: none"> • Twinning contract prepared without delay • Adequate expertise is provided • Effectiveness and professionalism of all concerned
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<p>6. Knowledgeable experts of the relevant Ministries and other stakeholders in dealing with the economic instruments for water management in Bulgaria.</p>	
<p>7. Established system (database management application) for gathering, processing, analysis and dissemination of economic data/information (incl. for the collected fees under the newly amended Water Act from August 2006) and strengthened and experienced staff to deal with this application.</p>	<p>Series of seminars for the specialists of water related authorities and other stakeholders. Trained staff - 50 officials and specialists from the relevant ministries and other stakeholders.</p>
<p>8. Identified and assessed IT needs of the water management authorities for the implementation of the economic instruments and methods in River Basin Management Planning.</p>	<p>Database management application for gathering, processing, analysis and dissemination of economic data/information</p>
<p>9. Software for the implementation of economic instruments, including the appropriate simulation models needed in the process of the assessment of the effectiveness of the Programs of measures.</p>	<p>Report on gaps and IT needs related to the implementation of the economic instruments and methods Developed and operational software for the implementation of economic instruments. Trained staff - 10 IT and/or sector experts.</p>

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I.1. Activities	Means	Regular progress reports as well as the same measures as used for the outputs above.	Assumptions
<p>Twinning component:</p> <p>1. Analysis and assessment of the administrative capacity of the Water Directorate and the four River Basin Directorates for the implementation of economic instruments /mechanisms/ for the purposes of water management.</p> <p>2.a. Elaboration of the first draft on the Supplementary measures as part of the Programs of measures /according to the requirements of art.11, Annex VI and Annex VII of EU-WFD/ for selected pilot river basins.</p> <p>The Supplementary measures non-exclusively consist of:</p> <p>Economic instruments /prices, fees, subventions/</p> <p>Tax instruments /deduction etc./</p> <p>Technical regulators /installations building and operation/</p> <p>Education and additional training /authorities, financing institutions, enterprises/</p> <p>Networks/cooperation</p> <p>Economic monitoring /profit and loss calculation/</p> <p>Demonstration intentions, pilot projects.</p> <p>2.b. Raising the capacity and knowledge of the Water Directorate and the four River Basin Directorates on the elaboration of the first Supplementary measures as part of the River Basin Management Planning.</p> <p>3.a. Practical and transparent economic evaluation methods to be developed and tested for the identification of the most cost-effective Programs of measures and the cost-benefit analysis, but also to assess the impacts of the cost of the measures on the main economic sectors (e.g. which increase of the water bill paid by the households).</p> <p>3.b. Sustainable training the staff of the Water Directorate and the four River Basin Directorates for better understanding and implementation of the economic evaluation methods (preparation of manuals, training of trainers as adequate).</p> <p>3.c. Raising the capacity and knowledge of the Water Directorate and the four River Basin Directorates on the interpretation of monitoring and control data in the process of the assessment of the effectiveness of the Programs of measures.</p> <p>3.d. Presentation of appropriate simulation models required in the process of the</p>	<p>Twinning contract and Service contract</p>		<p>Co-operation amongst the Competent Authorities</p> <p>Adequate expertise and training provided</p> <p>Effective preparation of training schemes.</p> <p>Bulgarian and Member State necessary staff available.</p> <p>Effective co-operation with other institution involved in proposed project</p> <p>Sources of financing available</p>



assessment of the effectiveness of the Programs of measures. Workshop on the practical use of the presented simulation models.

3.e. Study tour(s) to member-state(s) with advanced experience in the implementation of cost-recovery principle for water services and economic instruments supporting the preparation of River Basin Management Plans.

The experts participating in the study visits will compile a report that will be distributed within the water management administration.

4. Training the staff of the Water Directorate and the four River Basin Directorates for better understanding and implementation of the principle for cost recovery for water services /art.9 and Annex VII, point 7.2 of EU-WFD/, including training of staff to implement stimuli for water users to achieve efficient water use.

5. Elaboration of guideline and/or instructions on the presented and feasible economic instruments, methods and tools supporting the preparation of River Basin Management Plans.

6. Workshops and seminars for the dissemination of the basic knowledge on economic instruments /mechanisms/ for the whole staff of the water management authorities in Bulgaria.

7. Development of an information system (database management application) in order to collect, analyse and disseminate economic data/information (incl. for the collected fees under the newly amended Water Act from August 2006) This information system should enable to identify all the actors involved in the process and products that might be provided through this system.

Service component:

8. Gap analysis of the IT needs of the water management authorities for the implementation of the economic instruments and methods in River Basin Management Planning.

9. Design, development, validation, implementation and maintenance of the Software for the implementation of economic instruments, including the appropriate simulation models needed in the process of the assessment of the effectiveness of the Programs of measures

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Detailed Implementation Chart

Tasks	Months																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Kick-off meeting																		
1. Analysis and assessment of the administrative capacity of the Water Directorate and the four River Basin Directorates for the implementation of economic instruments /mechanisms/ for the purposes of water management.																		
2.a. Elaboration of the first draft on the Supplementary measures as part of the Programs of measures /according to the requirements of art.11, Annex VI and Annex VII of EU-WFD/ for selected pilot river basins.																		
2.b. Raising the capacity and knowledge of the Water Directorate and the four River Basin Directorates on the elaboration of the first Supplementary measures as part of the River Basin Management Planning.																		
3.a. Practical and transparent economic evaluation methods to be developed and tested for the identification of the most cost-effective Programs of measures and the cost-benefit analysis, but also to assess the impacts of the cost of the measures on the main economic sectors (e.g. which increase of the water bill paid by the households).																		
3.b. Sustainable training the staff of the Water Directorate and the four River Basin Directorates for better understanding and implementation of the economic evaluation methods (preparation of manuals, training of trainers as adequate).																		
3.c. Raising the capacity and knowledge of the Water																		

ANNEX 3

CUMULATIVE CONTRACTING and DISBURSEMENT SCHEDULE (1,00Million euro)

Date	01/05/08	31/07/08	30/01/08	30/01/09	30/04/09	31/07/09	30/10/09	31/01/10	
Contract 1 Tw	0,810	0,810	0,810	0,810	0,810	0,810	0,810	0,810	
Contracted	0,810	0,810	0,810	0,810	0,810	0,810	0,810	0,810	
Disbursed	0,648	0,648	0,648	0,648	0,648	0,648	0,648	0,810	
Contract 2 Service									
Contracted	0,100	0,100	0,100	0,100	0,100	0,100	0,100	0,100	
Disbursed	0,060	0,060	0,060	0,090	0,090	0,090	0,100	0,100	

NB: 1. All contracting should normally be completed within 6-12 months and must be completed within 24 months of signature of FM

2. All disbursements must be completed within 36 months of signature of the FM

(*) The national co-financing for the Twinning project should be up to 10 % from the State budget through the national fund.

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ANNEX 4

Reference list of relevant laws and regulations

Integrated Water Management as a ruling Principle of the EU WFD was introduced into Bulgarian legislation through the Water Act (1999, came into force in January 2000, last amended in August 2006) and its implementing Regulations:

- Regulation No. 1 of 7 July 2000 on the Exploration, Use and Protection of Groundwater
- Regulation No. 2 of 16 October 2000 on the Protection of Waters against Pollution Caused by Nitrates from Agricultural Sources
- Regulation No. 3 of 16 October 2000 on the Terms and Procedures for the Exploration, Design, Approval and Operation of Sanitary Protected Areas Around Water Sources and Installations for Drinking and Domestic Water Supply and Around Water Sources of Mineral Waters Used for Therapeutic, Preventive, Drinking and Hygienic Purposes
- Regulation No. 4 of 20 October 2000 on the quality of waters supporting fish and shellfish organisms' life
- Regulation No. 5 of 23 April 2007 on Water monitoring
- Regulation No. 6 of 9 November 2000 on the Limit Values for Admissible Contents of Dangerous and Harmful Substances in the Waste Water Discharged in the Water Bodies
- Regulation No. 7 on the Terms and Procedure for Discharge of Industrial Waste Waters into Settlement Sewer Systems Promulgated
- Regulation No. 8 of 25 January 2001 on the quality of coastal marine waters
- Regulation No. 9 of 16 March 2001 on the Quality of Water Intended for Human Consumption
- Regulation No. 10 on Issuing Permits for Waste Water Discharge into Water Bodies and Setting Individual Emission Limit Values for Point Sources of Pollution
- Regulation No. 11 of 25 February 2002 on the quality of bathing water
- Regulation No 13 of 2 April 2007 on characterization of surface water
- Order No 272 on the categorisation of water sources and water receiving bodies
Order No RD – 321/ 7 May 2007 on identification of priority and priority hazardous substances in the field of waters.

Relevant EU and National Legislation

No.	Relevant EU Legislation	Bulgarian Legislation Transposing the Relevant EU Legislation
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No.	Relevant EU Legislation	Bulgarian Legislation Transposing the Relevant EU Legislation
1.	Directive 2000/60/EC establishing a framework for Community action in the field of water policy, amended by Decision No 2455/2001/EC establishing the list of priority substances in the field of water policy	<p>Water Act</p> <p><u>Regulation No. 5</u> of 23 April 2007 on Water monitoring</p> <p>Regulation No 13 of 2 April 2007 on characterization of surface water</p> <p>Order No RD – 321/ 7 May 2007 on identification of priority and priority hazardous substances in the field of waters.</p>
2.	Directive 76/160/EEC concerning the quality of bathing water , repealed by Directive 2006/7/EC of the European Parliament and of the Council of 15 February 2006 concerning the management of bathing water quality and repealing Directive 76/160/EEC	<p>Water Act</p> <p><u>Regulation No. 7</u> on the Terms and Procedure for Discharge of Industrial Waste Waters into Settlement Sewer Systems</p> <p><u>Regulation No. 8</u> of 25 January 2001 on the quality of coastal marine waters</p> <p><u>Regulation No. 11</u> of 25 February 2002 on the quality of bathing water</p> <p>Order No 272 on the categorisation of water sources and water receiving bodies</p>
3.	Directive 98/83/EC on the quality of water intended for human consumption	<p>Water Act</p> <p><u>Regulation No. 9</u> of 16 March 2001 on the Quality of Water Intended for Human Consumption</p>
4.	Directive 75/440/EEC concerning the quality required of surface water intended for the abstraction of drinking water, amended by Directive 79/869/EEC concerning the methods of measurement and frequencies of sampling and analysis of surface water intended for the abstraction of drinking water and Directive 91/692/EEC standardizing and rationalizing reports on the implementation of certain Directives relating to the environment	<p>Water Act</p> <p><u>Regulation No. 6</u> of 9 November 2000 on the Limit Values for Admissible Contents of Dangerous and Harmful Substances in the Waste Water Discharged in the Water Bodies Promulgated (State Gazette No. 97/28.11.2000)</p> <p><u>Regulation No. 7</u> on the Terms and Procedure for Discharge of Industrial Waste Waters into Settlement Sewer Systems Promulgated (State Gazette No. 98/1.12.2000)</p>
5.	Directive 78/695/EEC on the quality of fresh waters needing protection or improvement in order to support fish life, Directive 79/923/EEC on the quality required of shellfish waters, amended by Directive 91/692/EEC standardizing and rationalizing reports on the implementation of certain Directives relating to the environment	<p>Water Act</p> <p><u>Regulation No. 4</u> of 20 October 2000 on the quality of waters supporting fish and shellfish organisms' life</p>
6.	Directive 91/271/EEC concerning urban waste-water treatment, amended by Directive 98/15/EC with respect to certain requirements established in Annex I thereof (Text with EEA relevance)	<p>Water Act</p> <p><u>Regulation No. 5</u> of 23 April 2007 on Water monitoring</p> <p><u>Regulation No. 6</u> of 9 November 2000 on the Limit Values for Admissible Contents of Dangerous and Harmful Substances in the Waste Water Discharged in the Water Bodies Promulgated</p> <p><u>Regulation No. 7</u> on the Terms and Procedure</p>


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No.	Relevant EU Legislation	Bulgarian Legislation Transposing the Relevant EU Legislation
		<p>for Discharge of Industrial Waste Waters into Settlement Sewer Systems Promulgated</p> <p><u>Regulation No. 8</u> of 25 January 2001 on the quality of coastal marine waters</p> <p><u>Regulation No. 10</u> on Issuing Permits for Waste Water Discharge into Water Bodies and Setting Individual Emission Limit Values for Point Sources of Pollution</p>
7.	Directive 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources	<p>Water Act</p> <p><u>Regulation No. 2</u> of 16 October 2000 on the Protection of Waters against Pollution Caused by Nitrates from Agricultural Sources</p>
8.	Directive 80/68/EEC on the protection of groundwater against pollution caused by certain dangerous substances, amended by Directive 91/692/EEC repealed by Directive 2006/118/EC of the European parliament and of the Council of 12 December 2006 on the protection of groundwater against pollution and deterioration.	<p>Water Act</p> <p><u>Regulation No. 1</u> of 7 July 2000 on the Exploration, Use and Protection of Groundwater</p> <p><u>Regulation No. 2</u> of 16 October 2000 on the Protection of Waters against Pollution Caused by Nitrates from Agricultural Sources</p> <p><u>Regulation No. 3</u> of 16 October 2000 on the Terms and Procedures for the Exploration, Design, Approval and Operation of Sanitary Protected Areas Around Water Sources and Installations for Drinking and Domestic Water Supply and Around Water Sources of Mineral Waters Used for Therapeutic, Preventive, Drinking and Hygienic Purposes</p> <p><u>Regulation No. 5</u> of 23 April 2007 on Water monitoring</p> <p><u>Regulation No. 10</u> on Issuing Permits for Waste Water Discharge into Water Bodies and Setting Individual Emission Limit Values for Point Sources of Pollution</p>
9.	Directive 76/464/EEC on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community, amended by Directive 91/692/EEC, amended by Directive 2000/60/EC establishing a framework for Community action in the field of water policy	<p>Water Act</p> <p><u>Regulation No. 6</u> of 9 November 2000 on the Limit Values for Admissible Contents of Dangerous and Harmful Substances in the Waste Water Discharged in the Water Bodies Promulgated</p> <p><u>Regulation No. 7</u> on the Terms and Procedure for Discharge of Industrial Waste Waters into Settlement Sewer Systems Promulgated</p> <p>Order No RD – 321/ 7 May 2007 on identification of priority and priority hazardous</p>

No.	Relevant EU Legislation	Bulgarian Legislation Transposing the Relevant EU Legislation
		substances in the field of waters.

Prepared by the Ministry of Environment and Water, no external consultants were involved.

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