

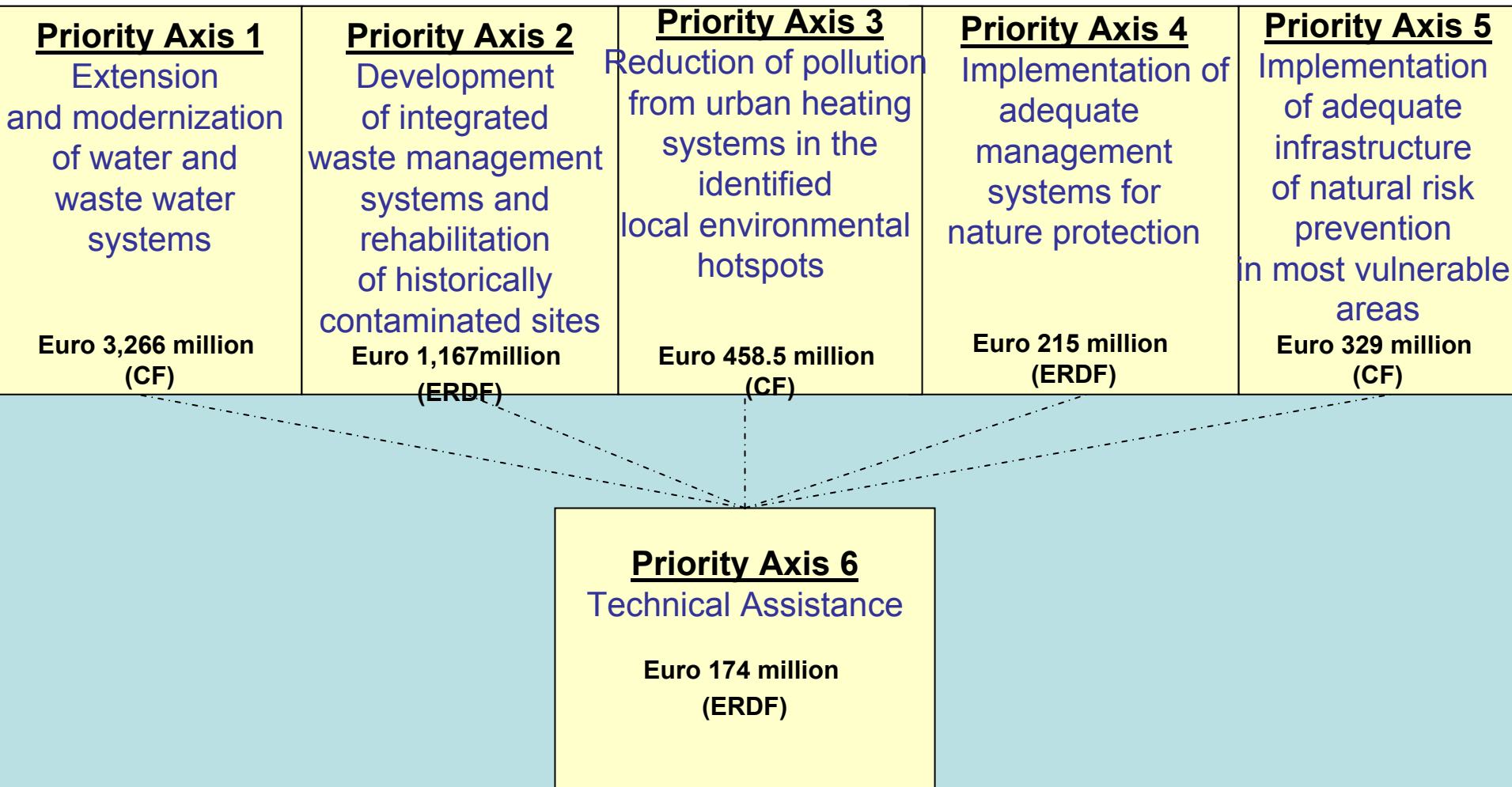
SECTORAL OPERATIONAL PROGRAMME ENVIRONMENT 2007-2013

ROMANIA

posmediu

SOP Environment

Priority Axes

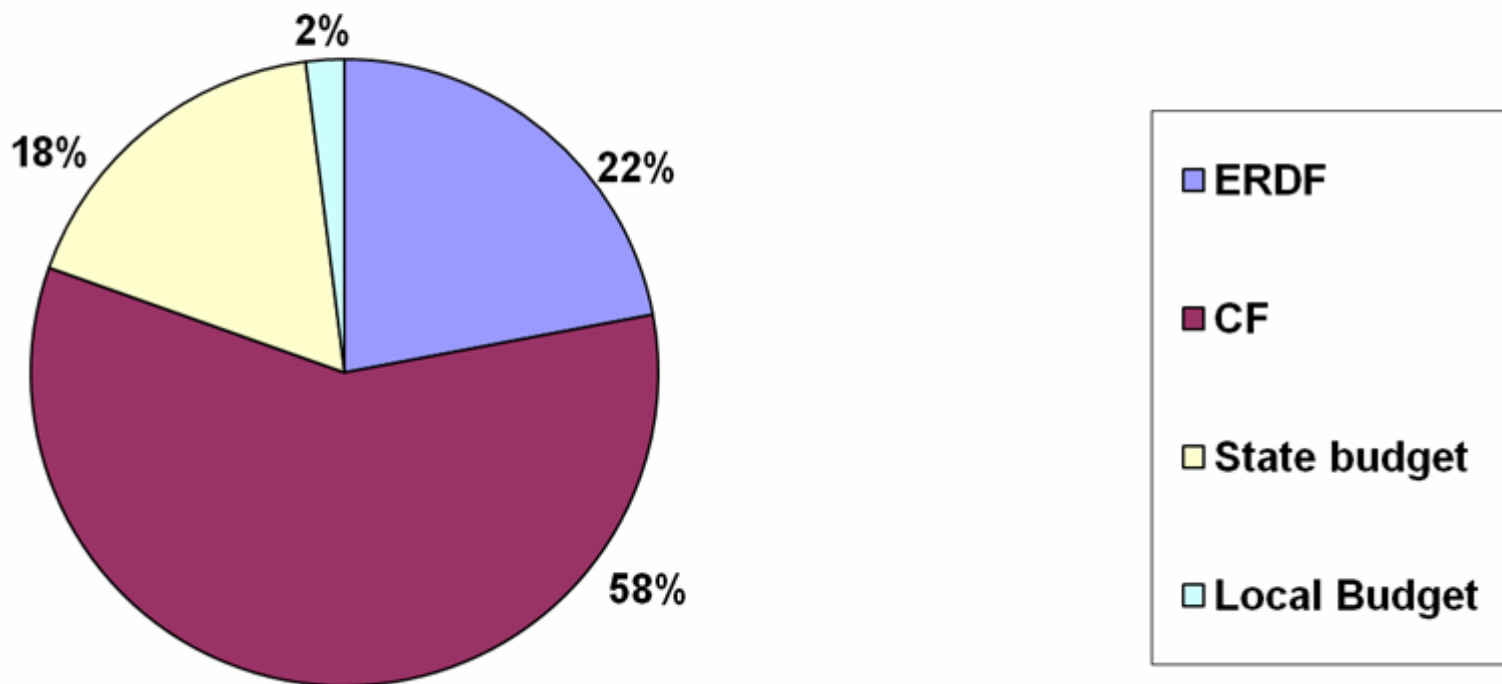


FINANCING SOURCES

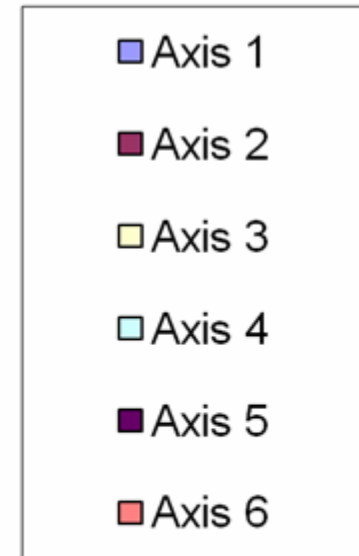
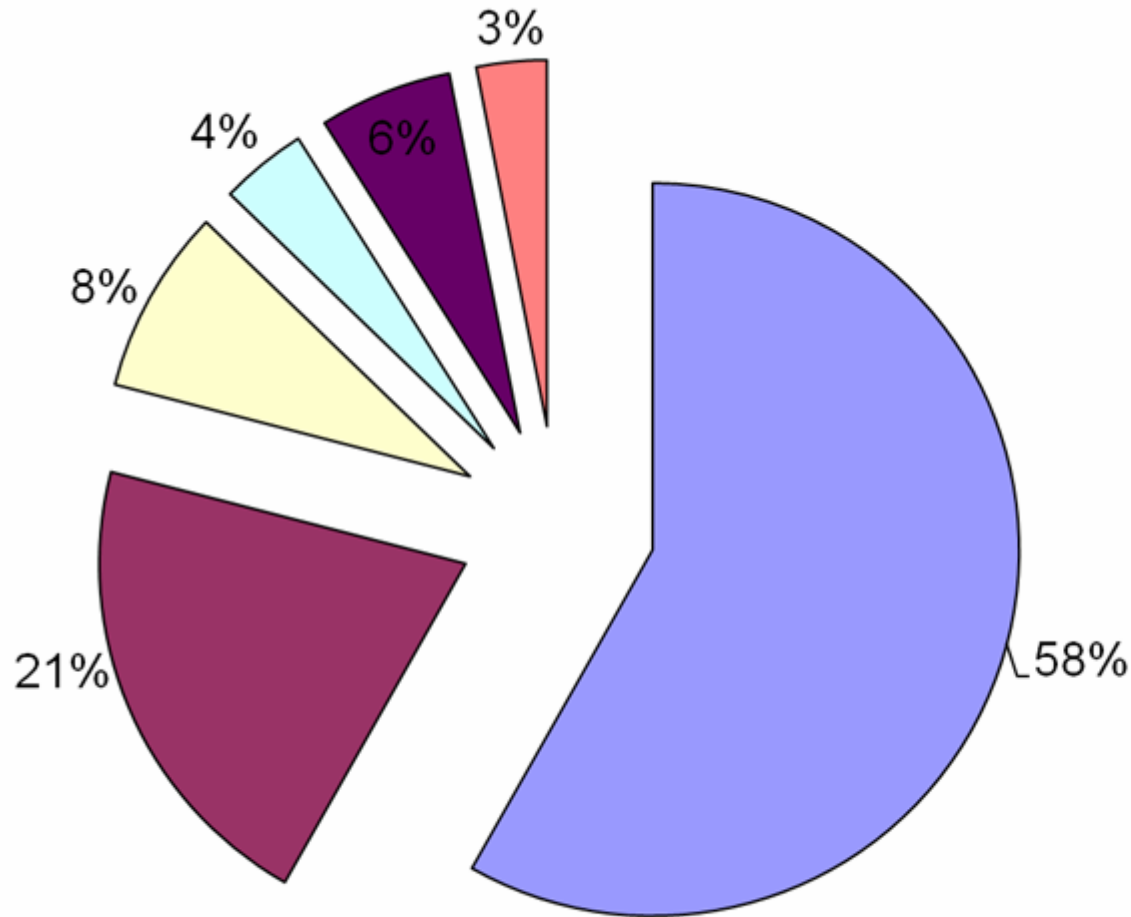
April 2009

Total public financial contribution: **5,610,876,945 EURO**

- EU contribution: **4,512,470,138 EURO**
- National contribution: **1,098,406,807 EURO**



DISTRIBUTION OF FUNDS ON PRIORITY AXIS



WATER SECTOR

Priority Axis 1 - Extension and modernization of water and wastewater systems

Specific objectives

- ✓ Provide adequate water and sewerage services, at accessible tariffs
- ✓ Provide adequate drinking water quality in all urban agglomerations
- ✓ Improvement in purity of watercourses
- ✓ Improvement of the level of WWTP sludge management

Indicative operations

- Construction/modernization of water sources intended for the drinking water abstraction
- Construction/rehabilitation of water treatment plants
- Construction/Extension/rehabilitation of water and sewerage networks
- Construction/upgrading of wastewater treatment plants
- Construction/rehabilitation of sludge treatment facilities
- Metering, laboratory equipment, leakage detection equipment, etc

Beneficiaries: the Regional Water Companies set in line with SOP and national legislation requirements



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WATER SECTOR – STRATEGIC APPROACH

Global objective

Improved access to water services of good quality, at accessible tariffs in all urban agglomerations by 2015

Circumstances

- Need to comply with EU acquis within negotiated transition periods
- High level investment needs, but available EU funds – limited
- Reliable water companies only in some large municipalities; not the case in small and medium agglomerations
- Water sector – generally not attractive for private business yet

Strategy

- Development of regional projects - grouping of more agglomerations in the same geographical area – aiming to optimize the investment and operational costs
 - IDA (Intercommunity Development Association), ROC (Regional Operating Companies)– pre-requisites for EU financing
- Building on previous experience (MUDP, ISPA, SAMTID) to develop strong operational utilities
 - Reliable/strong ROC – key issue for good projects



WATER SECTOR

STATUS OF PROJECTS PREPARATION

- **Value:** between 40 MEuro (Hunedoara, Valea Jiului) and 146,2 MEuro (Prahova)
- 10 major infrastructure projects submitted to the EC; out of them, 9 have been approved; financing contracts have been signed for 7 projects; the rest of them are under preparation;
- 1 application is expected to be approved;
- other approx. 33 major projects financing applications are under preparation.
- To be finalized in the 2nd trimester of 2009: 16 projects (ARAD, ARGEȘ, BIHOR, BISTRIȚA, BRĂILA, BUZĂU, CONSTANȚA, DÂMBOVIȚA, DOLJ, IAȘI, MUREȘ, NEAMȚ, PRAHOVA, SATU-MARE, SIBIU, VRANCEA)
- To be finalized in the 3rd trimester of 2009: 6 projects (COVASNA, HARGHITA, HUNEDOARA – VALEA JIULUI, IALOMIȚA, ILFOV, TIMIȘ)
- To be finalized in the 4th trimester of 2009: 11 projects (ALBA, BACĂU, BOTOȘANI, BUCUREȘTI, CARAȘ-SEVERIN, GALAȚI, HUNEDOARA – DEVA, MARAMUREȘ, MEHEDINȚI, SUCEAVA, VÂLCEA)



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WATER SECTOR – APPROVED PROJECTS

The 9 projects approved (between April 2008 – January 2009) are for the following counties:

- **Tulcea:** 113,786, 589 Euro
- **Teleorman:** 122, 004, 342 Euro
- **Giurgiu:** 71, 576, 418 Euro
- **Călărași:** 99, 451, 813 Euro
- **Cluj-Sălaj:** 196, 911, 998 Euro
- **Turda- Câmpia Turzii:** 79, 906, 606 Euro
- **Olt:** 72, 787, 679 Euro
- **Sibiu:** 89, 989, 650 Euro
- **Gorj:** 90, 750, 846 Euro

Beneficiaries of projects = Contracting Authorities (tendering, contracting, payments)

Total contracts for the 9 approved projects: **118 (9 contracts signed)**

➤ Technical Assistance Contracts: **18 (6 contracts signed)**

➤ Works Contracts: **85 (3 contracts signed)**

➤ Supply Contracts: **15**

e-licitatie.ro (the site of Electronic System for Public Procurement - SEAP)



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WASTE MANAGEMENT AND CONTAMINATED SITES SECTOR

Priority Axis 2 – Development of integrated waste management systems and rehabilitation of historically contaminated sites

Specific objectives

- ✓ Increase the connection rate to public sanitation services of adequate quality and at affordable tariffs
- ✓ Reduction in the quantity of waste deposited in the landfills
- ✓ Increase in the quantity of recycled and reused waste
- ✓ Reduction of the number of old ecological burdens

Indicative operations

- Construction of new municipal waste disposal facilities and transfer stations
- Construction of sorting, recycling and composting facilities
- Acquisition and installation of selective collection systems
- Construction of adequate facilities for municipal hazardous waste (medical waste, electric and electronics waste, etc.) and other specific waste streams (construction and demolition waste, etc.)
- Closure of non-compliant landfills
- Rehabilitation of historically polluted sites

Beneficiaries: county councils, municipalities



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WATER SECTOR – APPROVED PROJECTS - COMPONENTS

The approved projects consists of (in terms of contracts):

- Technical assistance contracts (1 contract for Project Management, 1 for Site Supervision)
- Between 6 – 14 works contracts, both Yellow FIDIC and Red FIDIC, aiming to rehabilitate and extend the water and wastewater systems (sewerage networks, water/wastewater treatment plants)
- Supply contracts for SCADA systems, meters, operational vehicles, laboratory equipments etc.



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WASTE MANAGEMENT AND CONTAMINATED SITES SECTOR

Waste management

Total allocation: 991,051,090 EURO

- Guideline for applicants elaborated and made available to the beneficiaries
- Approx. **20 major projects** financing applications under preparation

The projects consists of (in terms of contracts):

- ✓ Technical assistance contracts (1 contract for Project Management, 1 for Site Supervision)
- ✓ Works contracts (both Yellow FIDIC and Red FIDIC) for construction of the new Integrated Waste Management Center (include one complete landfill cell, sorting line, composting plant), cleaning and closure the rural dumpsites and urban landfills, construction of transfer stations and bring centers
- ✓ Supply contracts for waste collection systems, landfill site equipment

Contaminated sites

Total allocation: 176,727,759 EURO

- Guideline for applicants elaborated and made available to the beneficiaries
- **3-5 pilot projects** are envisaged, for closure/rehabilitation of contaminated sites with significant impact on the environment
- Project selection will be done at national level, on the basis of a strategic document for the contaminated sites sector, the document being under revision at the moment.
- It is estimated that the projects could be finalized in 2009.



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WASTE MANAGEMENT SECTOR STATUS OF PROJECTS PREPARATION

Value: between 21,9 MEuro (SIBIU) and 50,4 MEuro (TIMIȘ)

Application waiting for EC approval: **1 project** (BISTRIȚA-NĂSĂUD)

Preparation of Applications:

- To be finalized in the 1st trimester of 2009: **3 projects** (GIURGIU, SIBIU, VRANCEA)
- To be finalized in the 2nd trimester of 2009: **12 projects** (BOTOȘANI, CĂLĂRAȘI, COVASNA, HARGHITA, DOLJ, MARAMUREȘ, MUREȘ, NEAMȚ, OLT, SUCEAVA, TIMIȘ, VASLUI)
- To be finalized in the 3rd trimester of 2009: **4 projects** (ARAD, CARAȘ-SEVERIN, CLUJ, SALAJ)
- To be finalized in the 4th trimester of 2009: **1 project** (ALBA)



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DISTRICT HEATING SECTOR

Priority Axis 3 – Reduction of pollution and mitigation of climate change by restructuring and renovating urban heating systems towards energy efficiency targets in the identified local environmental hotspots

Specific objectives

- ✓ Reduction of pollutant emissions from district heating plants
- ✓ Amelioration of ground level concentrations of pollutants in the localities concerned
- ✓ Improvement in the health condition of the population in the localities concerned

Indicative operations

- Re-technologization of large combustion plants (rehabilitation of boilers and turbines)
- Introduction of BAT for SO₂, NO_x and dust reduction (de-SO₂, de-NO_x and reduction of dust emissions)
- Introduction of metering
- Rehabilitation of non-compliant slag and ash landfills
- Rehabilitation of hot water and heating distribution networks

Beneficiaries: local authorities from selected municipalities



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DISTRICT HEATING SECTOR

- It is envisaged to finance a number of projects to reduce pollution in the municipalities most affected by the urban district heating systems;
- The project portfolio includes a total of **8 projects**
- 3 of them are under preparation (Timișoara, Bacău and Iași); the applications are expected to be finalized at end of May 2009;
- Other 5 financing applications are scheduled to be prepared in 2009 and it is estimated that the project implementation will start in 2010.



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NATURE PROTECTION SECTOR

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

Specific objectives

- ✓ Conservation of biological diversity, of natural habitats, wild species of fauna and flora
- ✓ Ensuring efficient management of protected areas

Indicative operations

- Capacity building for the management bodies, preparation of scientific studies, inventories, mapping
- Development and implementation of management plans for the protected areas, including Natura 2000 sites

Beneficiaries: protected areas administrators and custodians, Local Environmental Protection Agencies, public administrations, NGOs, research institutes, universities, museums



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NATURE PROTECTION SECTOR

- the first call for proposals has been finalized in July 2008
- **15 projects** have been selected for financing
- value of approved projects: approx. 4 mill. Euro
- the financing contracts for the 15 projects are to be signed in short time
- the Guidelines for applicants has been revised taking into account the lessons learnt following the first call for proposals
- the second call for proposals was launched in November 2008 with deadline 30th of April 2009



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FLOODS AND COASTAL EROSION SECTOR

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

Specific objectives

- ✓ Contribution to a sustainable flood management in most vulnerable areas
- ✓ Contribution to Black Sea shore protection and rehabilitation

Indicative operations

- Construction works for flood prevention and reduction of the destructive consequences of floods
- Development of hazard and flood risk maps
- Rehabilitation of Black Sea shore affected by erosion

Beneficiary: The National Administration “Romanian Waters”



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FLOODS AND COASTAL EROSION SECTOR

STATUS OF PROJECTS PREPARATION

- The medium and long term national strategy is under preparation (according to provision of Directive no. 2007/60 regarding the assessment and management of floods risk);
- The projects will be prioritized and selected for SOP financing based on this strategy;
- Currently 4 projects (Prut –Bârlad, Siret, Trotuș and Buzău river basins) are being prepared within PHARE support;
- It is estimated that the first projects will be proposed for financing in 2009, the implementation being foreseen for 2009-2011;
- It is also envisaged to finance projects aiming at rehabilitating the coastal area of the Black Sea; an application for an investment project will be submitted this year.



TECHNICAL ASSISTANCE

- **Priority Axis 6** – Technical Assistance – is ensuring support for the Managing Authority and Intermediate Bodies (in terms of training, logistics, communication, publicity for the programme etc.) for a sound implementation of the SOP ENV.
- A large number of projects are under implementation while some other are being prepared



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Useful websites

www.mmediu.ro (Instrumente Structurale / POS Mediu)

www.e-licitatie.ro (the site of Electronic System for Public Procurement - SEAP)

***Thank you for
your kind attention!***

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