

EUROPEAID/131360/C/SER/MULTI

PROTECTION OF FRESHWATERS AND MARINE ENVIRONMENT IN THE WIDER BLACK SEA REGION (ENPI/2009/021-924)

Component A:

Environmental Protection of International River Basins



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Project Objectives

Overall Objective:

 To improve water quality in the trans-boundary river basins of the wider Black Sea region and Belarus

Specific Objectives:

- To improve availability and quality of data on the ecological, chemical, and hydro-morphological status of trans-boundary river basins including groundwater
- To develop River Basin Management Plans for selected river basins / sub-river basins according to the requirements of the WFD. human



Project Location and Partners

Armenia: Ministry of Nature Protection

Azerbaijan:

Ministry of Ecology and Natural Resources

State Water Agency, Ministry of Emergency Situations

Belarus: Ministry of Natural Resources and

Environmental Protection

Georgia:

Ministry of Environment Protection;

Ministry of Energy and Natural Resources

Moldova: Ministry of Environment

Ukraine: Ministry of Ecology and Natural Resources







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THE PROJECT TEAM

KE1: Team Leader	Mr. Andriy Demydenko
KE2: Deputy Team Leader/River Basin Management Expert	Mr. Zurab Jincharadze
KE3: Ecology and Biology Expert	Mr. Ralph Jackman
KE4: Hydro-morphology Expert	Ms. Tatjana Kolcova
KE5: Groundwater Expert	Mr. Bernardas Paukstys
Country Water Management Experts	Armenia, Azerbaijan, Belarus, Moldova
Senior Short Term Mom-Key Experts	
Junior Short Term Non-Key Experts	





Project Implementation

- The project implementation will be guided by a Regional Steering Committee (RSC) and National Coordination Committees (NCC), which will play an advisory role.
- RSC and NCC will meet and review implementation of the activities within the work programme and to provide guidance on the next period planning <u>once a year</u>.
- In addition the project will coordinate implementation of the activities with the Component B through the Joint Steering Committee (JSC) meetings.
- The final approval and decision-making authority remains with the Contracting Authority represented by the EC Project Manager.



Expected Results:

- 1. Increased capacities of the respective national authorities for hydro-biological, chemical, and hydro-morphological monitoring of water quality including groundwater; quality assurance procedures in laboratories in place
- Increased technical capacities by means of development and implementation of River Basin Management Plans for selected rivers.





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<u>Activity 1:</u> Improvement of hydro-biological, chemical, and hydro-morphological monitoring and assessment of surface water bodies, including groundwater

- Activity 1.1: Review the national monitoring systems and tools for assessing data obtained from monitoring activities
- Activity 1.2: Support the implementation of countries obligations under Danube and Water Conventions.
- Activity 1.3: Develop WFD-compliant monitoring programmes including hydro-biological and hydro-morphological elements and groundwater
- Activity 1.4: Assist in the development of WFD-compliant tools for assessing data obtained from monitoring activities (ecological, chemical, hydro-morphological classifications).
- Activity 1.5: Support the analytical quality control assurance procedure
- Activity 1.6: Assess the needs regarding laboratory infrastructure, equipment and training





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Expected Result 1: Increased Capacity for WFD Compliant Monitoring

- Report on the progress in water quality classifications, types of monitoring, parameters measures, monitoring network, legal changes, etc. by country (on-going, to be submitted by end of June);
- Relevant countries' reports submitted to ICPDR and UNECE Water Conventions Bureau (by end of 2013);
- Proposals on updated WFD-compliant monitoring programmes including hydro-biological and hydro-morphological elements and groundwater and training developed (by end of 2013);
- Draft guidelines on ecological, chemical and hydro-morphological status assessment (2013 - first half of 2014);
- Comprehensive training programme on monitoring methods and quality assurance conducted (2012 - June 2013);
- Assessment of needs regarding laboratory infrastructure, equipment and training done (October 2013). human



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<u>Activity 2:</u> Development of joint River Basin Management Plans (RBMPs) for selected river basins

- Activity 2.1: River basin analyses
- Activity 2.2: Water body identification and typology
- Activity 2.3: Analysis of baseline situation.
- Activity 2.4: Joint field surveys to cover the gaps
- Activity 2.5: Development of national and basin-wide Programmes of Measures
- Activity 2.6: Implementation of selected measures from the programme for pilot projects
- Activity 2.7: Public involvement and awareness raising activities





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Expected Result 2: RBMPs Developed for the Selected Pilot Basins

- River basin analysis, including water body delineation and typology (Sept 2012 – June 2013), analysis of baseline situation, joint field surveys and chemical and ecological status assessment (2014), conducted for selected river basins;
- National and basin-wide Programmes of Measures (as defined by Art. 11 of the WFD) developed and implementation started (end of 2014 - beginning of 2015);
- A minimum of five pilot projects implemented on selected measures from Programmes of Measures (2015);
- Awareness raising campaigns involving a wide range of stakeholders for selected river basins implemented (Sept 2012 -2015).





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Activita 2.7 Public involvement and augreness raising activities

(RES1, RES2); Dependencies (Dep Act 2.1)
The indicative start date as per the Instructions to Tenderces: January 2011

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Implementation Phare of the activity
Completion Phare of the activity



Inception Period Activities:

- Work with the beneficiaries to confirm or select the most appropriate pilot basins or sub-basins.
- Undertake a gap analysis of the extent to which the Principles, Approaches and Environmental Objectives, have been / or could be adopted into national legislation and where WFD compliant data are available – to help focus the project resources.



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Selection Criteria for Pilot Trans-boundary Basin Areas

- 1. Reflect upstream to downstream trans-boundary relationships;
- Significant value for conservation and integrity of aquatic and other important natural ecosystems;
- 3. Visible anthropogenic pressure on river regime change;
- 4. Demonstrated linkages between surface and groundwater hydrological regimes;
- Existing Basin District Authority or strong regional/municipal environment leadership in place;
- 6. Well established and equipped technical monitoring networks at basin or regional levels, trained laboratory staff and strong institutional capacity;
- 7. Where coordination and, when possible, joining of forces with on-going or planned projects in the region can be achieved;
- 8. Avoid overlapping with already accomplished results, select areas where similar pilot activities have not been carried out yet;
- 9. Pilot areas should be of a manageable size and implementation process should be realistic



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CNTR	Pilot Basin	CRT 1	CRT 2	CRT 3	CRT 4	CRT 5	CRT 6	CRT 7	CRT 8	CRT
	Akhuryan	*	^	1	↑	↑	*	*	1	1
AM	Aghstev	1	*	1	↑	^	*	•	•	1
	Middle Aras (Nakhichevan)	*	^	•	1	^	*	•	1	1
	Downstream Aras (Kura confluent)	^	1	1	*	*	*	•	*	1
AZ	Central Kura (Mingechavir)	*	^	1	↑	*	*	•	*	1
	Alazan/Ganikh	•	1	*	1	*	*	•	•	1
BY/UA	Upper Dnieper	^	↑	1	*	^	1	1	•	•
	Pripyat	•	1	•	•	*	↑	*	•	•
	Chorokhi-Adjaristskali	*	1	*	•	•	1	•	1	1
GE	Alazani	^	↑	*	^	*	*	•	•	^
	Prut	1	1	1	•	^	1	1	^	^
MD/UA	Dniester	•	•	1	1	•	1	•	•	*

Dynamics of Selection Criteria:

- Positive Dynamic
- Negative Dynamic
- * Neutral



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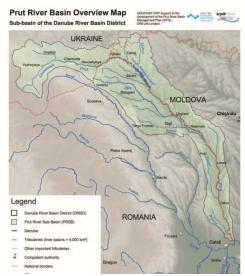
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THE DNIESTER RIVER BASIN



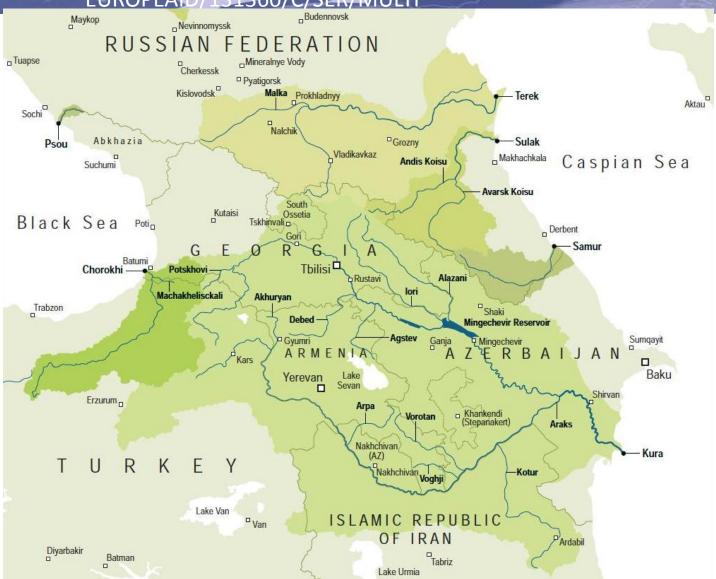
This project is implemented by a Consortium

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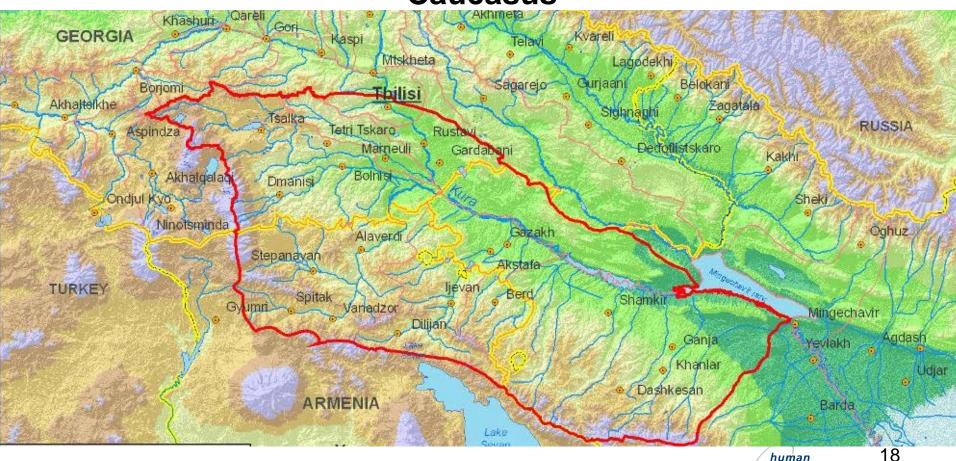


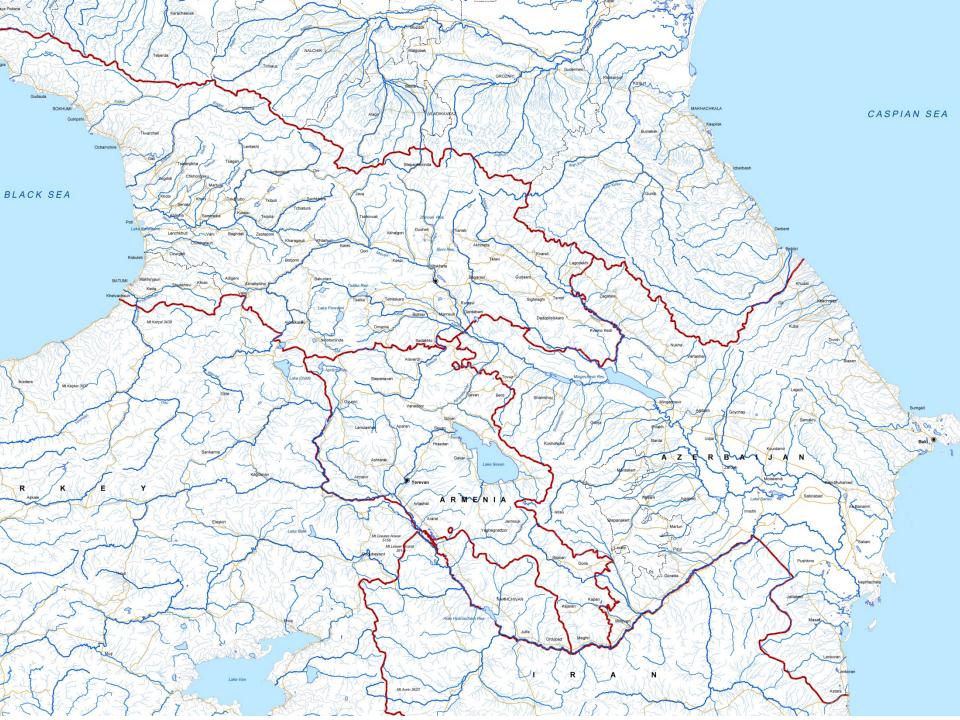


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Selection of Pilot Trans-boundary Basin Areas in the Caucasus







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Inception Period Activities (cont.):

- Set-up the management structure including holding an initial Kick-off meeting in each beneficiary country and establishing the regional steering committee, the national steering committees;
- Put in place the necessary administrative, logistical, financial and human resource management arrangements to ensure the smooth running of the project, including the hiring of the office administrators and CWMEs;
- Introduce planning, reporting and monitoring systems for the project and complete the inception report and revised implementation plan;

