

“TAIEX ECRAN Multi-beneficiary Workshop on Actions Toward Good Status of the Water Framework Directive”

11 – 13 July 2016

ECRAN 62669

Results and the introduction of the workshop



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Structure of the presentation

- **WM WG tasks and results**
- **“TAIEX ECRAN Multi-beneficiary Workshop on Actions Toward Good Status of the Water Framework Directive”**
 - Objectives
 - Approaches
 - Expected outcomes



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Water Management Working Group

Activity 2.3: Water Management

- Task 2.3.1: Annual Meeting
- Task 2.3.2: Assistance in the development of transboundary river basin management plans
- Task 2.3.3: Economic analysis in accordance with the WFD (cost recovery and cost-effectiveness considerations), including innovative systems of waste water treatment
- Task 2.3.4: WFD and Marine Strategy Framework Directive – objectives, synergies and approaches



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Task 2.3.2: Assistance in the development of transboundary RBMPs

Scope: provision of practical assistance to the beneficiary countries in the development of the RBMP and the Program of Measures in Drina River Basin, selected as a pilot basin.

In recognition of the potential benefits through **replicability across the whole targeted ECRAN project beneficiaries**, a number of **Case Studies** from all beneficiary countries are discussed, and lessons learned to date, best practices and cross - cutting recommendations summarised.



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Subtask 2.3.2.1: Assistance for the preparation of the Program of Measures (PoM) in Drina RB

Approaches

- The development of RBMP specific topic will last all three years of the project 2014-2016.
- **A transboundary pilot river basin has been selected – Drina RB.**
 - a 4-phase methodology has been prepared for developing the PoM as part of the RBM Plan in Drina RB (phase 4 – 2016)
 - screening templates for a large number of topics
 - a Report is prepared including the Drina RBMP, the PoM and case studies from all beneficiaries (deadline end July 2016)
- **Engage all beneficiaries** in the discussions of the methodologies and templates
- Examine **issues for integration at different levels** (DRB, Sava, Drina) across policy domains (WFD, UWWTD, ND, FD, EQS, MSFD,....)
- Present **lessons learned** from MS experiences to exemplify specific items
- **Specific topics requiring assistance** to facilitate the production of the PoM were identified and presented for organising the training.



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Workshop Basic and Supplementary measures and anticipated effects (Feb 2016): Main topics

- Basic measures
- Supplementary measures
- Environmental objectives
- Cross cutting issues
- Presentation of experiences on the basic and supplementary measures
- Lessons learned from Romania related to environmental objectives, PoM development and implementation at the national and transboundary levels
- Draft 1 of the RBM Plan – first chapters of the report.



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Key points of discussion

1. Differentiation between management objectives and measures to achieve vision
2. Issues related to the negotiations process
3. Derogation for other water related directives
4. Approaches for identification of agglomerations
5. Cost of preparing the RBMP
6. Funding sources
7. Climate changes, adaptation strategies,
8. Climate proof measures in the PoM
9. Ecological flow as basic measure
10. The role of buffer strips
11. Wetlands as supplementary measures
12. Synergy CAP and WFD
13. Flood, sediments and nutrients retention potential
14. Hydropower as a pressure in the basin



Outcomes

On the preparation of the PoM

- The outline and the first draft of the PoM discussed
- Awareness improved on the necessity to ensure a reliable and complete database
- Information on the reporting requirements for achieving the measures to reach the WFD objectives and classification of measures in the report – not started, ongoing, completed.
- Clarity on the application of exemptions and the link with derogations and disproportionate costs
- A bit more clear picture on the negotiations process and the requirements at the national level for transposition, harmonization and institutional and financial strengthening
- Understanding of the options to select basic and supplementary measures and the differentiation between them

The necessity to develop case studies that would be inserted into the report on different topics.



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Workshop: “Tools and guidance for assessing resource and environmental cost in the WFD” (March 2016)

Overall objective: to develop a knowledge base on the economic dimensions of water management (i.e. costs, benefits, environmental and resource cost) that will facilitate the overall assessment of the economic impact (costs & benefits) of the WFD and the economic assessment of policy options.



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Workshop: “Tools and guidance for assessing resource and environmental cost in the WFD”

Specific objectives

- To provide recommendations on how costs and benefits might best be assessed and reported under the WFD
- To enhance the existing water economic knowledge base to better support water management and EU water policy making in the medium term
- To improve the understanding on the calculation of resource costs and of the environmental costs
- To contribute to the improvement of the understanding of the water pricing policy in line with Art 9 of the WFD
- To present, discuss and review the preparatory status of the PoM in Drina River Basin in relation to the identification of basic and supplementary measures addressing the five SWMIs in Drina River Basin, and performing the economic analysis
- To establish further actions in order to finalize the Drina RBM Plan



Workshop: “Tools and guidance for assessing resource and environmental cost in the WFD”

Outcomes

- Improved understanding of the topics, challenges and tasks, and related responsibilities along the calculation of the resource & environmental costs (WFD)
- Exchange of experiences and knowledge significantly improved
- Active involvement of the participants through the preparation of case studies on cost recovery and the resource and environmental costs
- Agreement on the draft 2 of the Drina RBM Plan and the case studies from all beneficiary countries
- Guidance documents related to the WG tasks discussed and clarified



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Workshop: “The economics of climate change adaptation measures under WFD, MSFD and ICZM” (April 2016)

Overall objective: to develop a knowledge base on the importance and the economic dimension of adaptation measures imposed by anticipated climate changes in the development of the River Basin Management Plans in line with the WFD, and in the Action Plan prepared according to the MSFD requirements.



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Workshop: “The economics of climate change adaptation measures under WFD, MSFD and ICZM”

Specific objectives

- To provide recommendations on how to integrate climate change into the River Basin Management (RBM) cycles of the WFD
- To discuss option on how to ensure that the River Basin Management Plans (RBMP's) are climate-proofed
- To introduce the relevant EU policies, guidance documents and platforms for the topics of the workshop



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Workshop: The economics of climate change adaptation measures under WFD, MSFD and ICZM

Specific objectives (2):

- To provide information on expected climate change, the current and future vulnerability of regions and sectors, projections, uncertainties, scenarios and assumptions, guiding principles for integration into the WFD - RBM Plan and the Action Plan of MSFD.
- To examine options to support decision makers from the local to the transboundary and international level on the challenges caused by climate change to water management and water-related activities and for



Workshop: The economics of climate change adaptation measures under WFD, MSFD and ICZM

Specific objectives (3):

- To present national and transnational adaptation strategies, adaptation case studies and potential adaptation options and tools that support climate change adaptation planning
- To discuss case studies from different countries describing approaches of calculation of costs and benefits, possible sources of financing, successes and limited factors



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Workshop: “The economics of climate change adaptation measures under WFD, MSFD and ICZM ”

Outcomes

- Improved understanding of the topics, challenges and tasks, and related responsibilities along the selection and economic assessment of the climate adaptation measures in the RBMP in line with the WFD and in the Action Plan according to the MSFD
- Exchange of experiences and knowledge significantly improved
- Key obstacles impeding the tasks implementation and related solutions identified
- Active involvement of the participants through the preparation of case studies on climate adaptation measures and related costs
- Guidance documents related to the WG tasks discussed and clarified



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Workshop on Eutrophication Reduction Measures under EU Water Directives May 2016

Main topics (1)

- To examine the eutrophication and the designation of sensitive areas or nitrate vulnerable zone in line with the Nitrates Directive
- To discuss current eutrophication assessment methodologies and investigate implications for the RBM Plan and the Program of measures
- To analyse the synergies between the inland waters and transitional and coastal waters in relation to the nutrient reduction measures.
- To provide examples of the WFD-compliant assessment systems for coastal waters
- To present the assessment methodologies and criteria used for UWWT and ND designations
- To introduce the impact and pressure criteria used in WFD Article 5 risk assessment which can be applied by beneficiary countries
- To present the criteria and standards under the Marine Strategy Framework Directive with relevance for beneficiary countries



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Workshop on Eutrophication Reduction Measures under EU Water Directives

Main topics (2)

- To introduce the relevant EU policies, guidance documents and policies for the topics of the workshop
- To examine options to support decision makers from the local to the transboundary and international level on the challenges caused by reduction of eutrophication
- To discuss relevant needed coordination between WFD, ICZM and MSFD for the eutrophication at the national and regional level
- To discuss case studies from different countries describing (i) existing and proposed measures concerning control of marine and inland waters eutrophication, and (ii) measures intending for eutrophication management in the ECRAN beneficiary countries.
- Lessons learned from Romania



Key points of discussion (1)

1. Eutrophication of lakes and problems with ensuring drinking water quality
2. Barcelona Convention and MAP
3. Different weight in regulating N compared with P
4. Agricultural practices: manure disposal, transport, financing
5. Problems related to monitoring, especially biological monitoring
6. Monitoring of priority substances
7. Criteria for selecting extension of sewage and not of individual system
8. Decision of municipalities for building their own wwtp supporting by their funds
9. Financing mechanism – increase of water price in case of regional operators
10. Regional operators owned by the municipalities



Key points of discussion (2)

11. Use of money collected from penalties – who gets this money and how they are spent – RO – ANAR budget spent on monitoring
12. Differentiation and division between water supply and wastewater treatment
13. Monitoring obligations under different conventions and directives
14. Use of Inventories of emissions, E PRTR, EQS, ARS, contaminated sites
15. Requirements for creating sufficient admin capacity for negotiation at national level and local
16. Transposition obligation and deadlines
17. Accessing IPA funds
18. The size of EU infringements
19. Reorganization issue in line with WFD requirements
20. Technical capacity important during negotiations



Outcomes

- Improved understanding of the topics, challenges and tasks, and related responsibilities along the eutrophication process, and the selection of the reduction measures in the RBMP in line with the WFD and in the Action Plan according to the MSFD
- Exchange of experiences and knowledge significantly improved
- Key obstacles impeding the tasks implementation and related solutions identified
- Active involvement of the participants through the preparation of case studies on eutrophication reduction measures
- Guidance documents related to the WG tasks discussed and clarified



Workshop “Program of Measure under the Water Framework Directive” June 2016

Overall objective:

The overall objectives of the workshop are to discuss the draft RBMP and its PoM for the Drina RB, together with all relevant legal and technical topics associated with the enforcement activities and steps to full compliance with the WFD in the beneficiaries.



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Workshop “Program of Measure under the Water Framework Directive”

Specific objectives (1)

- To enhance the understanding of the contribution of all EU policies and directives to the WFD objectives.
- To summarise and review all legal and technical guidance documents, and all valuable references used for the development of the RBMPs and the PoM's in line with the WFD.
- To discuss chapters of the current draft RBM Plan for Drina RB.
- To discuss chapters of the current draft PoM for Drina RB.
- To discuss case studies prepared by all beneficiaries for the RBMP and PoM, including the Economic Analysis, in line with the WFD.
- To share all lessons learned useful for the development of the RBMP and the PoM.



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Workshop “Program of Measure under the Water Framework Directive”

Specific objectives (2):

- To highlight the synergies between the WFD and all other EU Directives contributing to the WFD objectives.
- To examine options to support decision makers from the local to the trans-boundary and international level on the enforcement challenges.
- To review relevant needed coordination for the RBMP implementation at the national and regional level.
- Facilitate dialogue among the beneficiaries on specific topics that are needed to ensure WFD implementation.
- To brainstorm and discuss the activities needed for performing the remaining project tasks in line with WFD and to ensure the continuation of active involvement of all beneficiaries.



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Workshop “Program of Measure under the Water Framework Directive” Outcomes

- Improved understanding of the topics, challenges and tasks, and related responsibilities along the development of the RBMP in line with the WFD.
- Exchange of experience and knowledge significantly improved.
- Key obstacles impeding the tasks implementation and related solutions identified.
- Active involvement of the participants through the preparation of case studies
- Guidance documents related to the WG tasks discussed and clarified.



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Main topics (1)

To examine the Drina RBMP draft 2 report and the case studies prepared by all beneficiary countries

To present the relevant EU policies and directives in the RBMP development

To discuss the relevant methodologies, concepts, guidance and references in the RBMP development

To analyse the coordination mechanism at the basin, regional, national and international levels for RBMP development and implementation

To revise the Drina RB problems and Significant Water Management Issues (SWMIs)

To introduce the impact and pressures assessment in Drina RB - WFD Article 5

To discuss the risk assessment concept in Drina RB

To discuss the assessment methodologies and criteria used for water quality status classification which can be applied by beneficiary countries



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Main topics (2)

To introduce the results of pressures and impacts of trans-boundary waters in Drina RB

To discuss relevant Economic analysis – methodology, water price and tariffs, cost recovery

To discuss Economic analysis – Environmental and resource cost, Affordability

To examine options Financing and funding sources in the Drina Basin

To introduce the experience in the development of RBMP at the regional, national and international level-Case study Romania

Presentation of case studies on pressures assessment, CR, CBA, CE, environmental objectives

Discussing the prioritization methodology for investments



Key points of discussion

1. Mixing zones
2. Small hydropower plants
3. Fish migration
4. Monitoring pesticides
5. The application of the water classification methodology
6. User tariffs
7. Regionalization
8. Financing, economies of scale, approaches for urban wastewater and water supply joint management



Task 2.3.3: Economic analysis in accordance with the WFD (cost recovery and cost-effectiveness)

Overall objective: provision of practical assistance to the beneficiary countries in the performance of the economic analysis in line with the WFD

Specific objectives:

- To carry out the economic analysis - Drina RB
- To develop case studies: CR, PES, CEA, CBA
- To discuss environmental costs and resource costs
- To discuss the economic of the climate changes adaptation measures with application to WFD and MSFD
- To prepare contributions to the Drina report using screening templates.



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Task 2.3.3: Economic analysis in accordance with the WFD (cost recovery and cost-effectiveness)

Approaches:

- Methodology
- Screening templates
- Outline of the case studies
- Clarification of topics for case studies.
- Preparation of the case studies and inputs into the Drina Report.



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Task 2.3.4: WFD and MSFD – objectives, synergies and approaches

Overall objective:

to strengthen national capacities for effectively addressing the large number of implementation challenges of the MSFD and the ICZM, analyzed in synergy with the process of reaching the WFD objectives.



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Task 2.3.4: WFD and MSFD – objectives, synergies and approaches

Specific objectives:

- To present and discuss **synergy, overlaps and differences** between MSFD, WFD, ICZM and other EU relevant marine policies and directives
- To introduce and discuss policy, **institutional and organizational arrangements** for implementing MSFD
- To discuss the streamlined procedure for **development of PoM** under the MSFD and similarities with the development of PoM under the WFD, making use of the Drina PoM experiences
- To examine the role, approaches and **coordination needs for the MSFD implementation for landlocked countries**
- To explore any national **obstacles** (involvement and commitment, data and methodologies, coordination and cooperation, capacity building needs) and identify possible **solutions**
- To collect suggestions and reach agreement on the country – specific topic for further training (guidance, capacity building, practical case studies) for meeting the MSFD and WFD req.
- To present the reference and concept documents
- To facilitate dialogue among the countries on specific concepts and actions that are needed to ensure MSFD/WFD implementation.



Task 2.3.4 : Approaches

- Discuss the practical approach and the methodology for MSFD implementation
- Examine requirements of the Initial Assessment, the GES determination, development of PoM and performing Economic Analysis
- Organize surveys for all beneficiaries and review countries assessments and track progress
 - the coordination between WFD and MSFD
 - the MSFD Art 8 on Initial Assessment of the maritime waters
- Improve coherence and integration in land, water, coastal and marine management
- Share knowledge on management of land, water, coastal and marine linkages
- Engage all beneficiaries in the discussions of the methodologies for MSFD/ICZM
- Examine issues for integration at different levels (DRB, Sava, Drina) across policy domains (WFD, MSFD,....)
- Present lessons learned from MS experiences to exemplify specific items along the MSFD implementation and synergies with the WFD.



Regional Workshop on MSFD - Initial Assessment and Good Environmental Status

Topics discussed (1)

- MSFD Initial assessment
- From Good Ecological Status (WFD) to Good Environmental Status (MSFD)
- Synergies between MSFD, WFD, other EU directives. Coordination between MSFD and other directives and policies
- WFD vs MSFD - Eutrophication still a significant issue for coastal and marine waters
- State of play of PoM in the frame of MSFD & WFD. National and transboundary context
- Key type measures related to MSFD & WFD Program of Measures
- Cost Benefit Analysis in the frame of CBA. Synergies/Differences MSFD and WFD
- Exemptions under MSFD and WFD
- Coordination of the MSFD at the regional level
- Financing issues in the frame of MSFD implementation
- Assessment of marine ecosystem services and link to the Good Environmental Status



Implications of the GES targets and criteria

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Topics discussed (2)

- How to reflect marine related topics in the WFD transposed water legislation for maritime countries and landlocked countries
- Competent authority for implementing MSFD
- Responsibility of preparing the PoM under MSFD
- Funding sources to cover water the construction of sewages and wastewater treatment plants
- Responsibility for implementing the MSFD.



Regional Workshop “The economics of climate change adaptation measures under WFD, MSFD, ICZM ” Topics (1)

1) Climate change adaptation measures under WFD

- The most relevant policies, guidance, communications, technical papers, platforms and actions at the EU level dealing with economics of climate changes, WFD and MSFD
- Financial aspects, cost and shared benefits of considering adaptation measures in the RBMP
- Adaptation to the climate change in the RBMP for Danube River Basin (DRB)
- Assessing the economic importance of water uses in the context of climate change (WFD)

2) Climate changes adaptation measures under MSFD

- Coordination between WFD and MSFD for the climate change adaptation at the national and regional level
- Adaptation to climate change measures within the MSFD Action Plan
- Influence of climate change on Cost effectiveness analysis and Cost Benefit Analysis (WFD and MSFD) Risk reduction and climate change adaptation measures for coastal ecosystems
- Approaches and experiences on monitoring and evaluation of climate change adaptation measures
- Case studies on climate adaptation approaches and measures in the ECRAN maritime countries.



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Topics discussed (2)

3) Economics of climate change

- ICZM used as a tool for adaptation to the climate change between WFD and MSFD
- Resource costs and climate change
- Case studies on cost of climate change mitigation measures and sources of funding
- Cross sectoral approach in the climate adaptation measures
- Presentation of the importance of adopting of a sectoral approach bringing together sectors such as agriculture, land use, water supply and sanitation, energy production
- Suggestions and recommendations for incorporation of climate change consideration in Drina RBMP.



Inputs from landlocked countries

The beneficiary countries, both maritime countries - **Albania, Bosnia & Herzegovina, Montenegro and Turkey**, but also the landlocked countries – **Kosovo, Macedonia and Republic of Serbia**, prepared their contributions to 2 questionnaires on:

- Coordination between WFD and MSFD
- MSFD Art 8 on Initial Assessment of the maritime waters.



Topics to be discussed

- Preparation and delivery of the last Workshop -

“Actions toward the WFD good status - results, case studies and challenges”, Sarajevo, Bosnia & Herzegovina (11-13 July).



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TAIEX ECRAN Multi-beneficiary Workshop on Actions Toward Good Status of the Water Framework Directive

Overall objectives of the workshop are:

- to discuss the implementation challenges and
- explore barriers to implementation of the WFD together with all relevant needed actions and steps to full compliance with the WFD and reaching good water status in the beneficiaries' countries.



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TAIEX ECRAN Multi-beneficiary Workshop

on Actions Toward Good Status of the Water Framework Directive

Specific objectives (1) of the workshop are:

- To present the final report of Drina RBM Plan and case studies of all beneficiary countries
- To present an overview of the contribution of all EU policies and directives to the WFD goals
- To enhance the understanding on the responsibilities of different authorities
- To discuss options for reaching more coherent institutional water management systems
- To discuss the WFD compliance and enforcement challenges



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TAIEX ECRAN Multi-beneficiary Workshop on Actions Toward Good Status of the Water Framework Directive

Specific objectives (2) of the workshop are:

- To discuss why WFD implementation is an administrative challenge
- To present an overview of existing tools and guidance for a holistic WFD implementation
- To increase the understanding on the need of enhanced transparency, communication and dialogue with the public and interested parties
- To recommend solutions towards improved implementation of environmental law
- To be better informed on the legal enforcement: complaints, petitions and other sources of infringement information



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TAIEX ECRAN Multi-beneficiary Workshop on Actions Toward Good Status of the Water Framework Directive

Specific objectives (3) of the workshop are:

- To examine options to support decision makers from the local to the transboundary and international level on the enforcement challenges
- To review relevant needed coordination for the RBMP implementation at the national and regional level
- To discuss case studies prepared by all beneficiaries for the RBMP and PoM
- To share all lessons learned during the project, useful for the development of the RBMP and the PoM.



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Thank you!



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