

“Workshop on Eutrophication Reduction Measures under EU Directives in the Domain of Water ”

16-18 May 2016

ECRAN 62260

Results and the introduction of the workshop



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Structure of the presentation

- **WM WG tasks and results**
- **Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water ”**
 - 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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Environment and Climate
Regional Accession Network **ECRAN**

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.



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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.



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Topics discussed (1)

Regional Workshop on MSFD - Initial Assessment and Good Environmental Status:

- 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.



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Topics discussed (3)

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

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 (4)

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

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.



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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.



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Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water”

- ❑ **Overall objective:** The overall objectives of the workshop are to develop a knowledge base on the importance of the eutrophication process and the reduction measures imposed by the EU Directives and policies in the development of the River Basin Management Plans and the Program of Measures in line with the WFD, and in the Action Plan prepared according to the MSFD requirements.



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Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water”

❑ Specific objectives (1):

- To enhance the understanding of the eutrophication in its policy context in the EC and international policies.
- 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



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Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water”

❑ Specific objectives (2):

- 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
- 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



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Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water”

❑ Specific objectives (3):

- 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.
- Facilitate dialogue among the countries on specific concepts and actions that are needed to ensure WFD and MSFD implementation
- To brainstorm and discuss the activities (guidance, capacity building, and practical case studies) needed for performing the remaining project tasks in line with WFD and MSFD requirements and involvement of participant countries.



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Workshop “Eutrophication Reduction Measures under EU Directives in the Domain of Water”

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



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Topics to be discussed

- Preparation and delivery of the Workshop **“Eutrophication reduction measures under MSFD, WFD, UWWTD and Nitrates Directive”**, Sarajevo, Bosnia and Herzegovina (16-18 May).
- Preparation and delivery of the Workshop **“WFD Program of Measures”**, Tirana, Albania (20-22 June)
- Preparation and delivery of the last Workshop - **“Actions toward the WFD good status - results, case studies and challenges”**, Skopje, Macedonia (4-6 July).



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Thank you!



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