

# Workshop

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

11-13 April 2016

ECRAN 61931

Presentation and discussion of the results  
achieved in 2015 related to  
the WFD and MSFD workshops



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## Structure of the presentation

- Approaches and Results of the WM WG
- Workshop “The economics of climate change  
adaptation measures under WFD, MSFD and ICZM ”
  - 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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## 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: “The economics of climate change adaptation measures under WFD, MSFD and ICZM ”

- ❑ **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 (1):

- 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



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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 developing adaptation strategies



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

### ❑ Specific objectives (3):

- To discuss relevant needed coordination between WFD and MSFD for the climate change adaptation at the national and regional level
- To discuss how to consider the adaptation to climate change measures within the MSFD Action Plan
- To examine available tools for adaptation to the climate change between WFD and MSFD, such as the ICZM
- To improve the understanding on the economic elements



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

### ❑ Specific objectives (4):

- 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 ”

### □ Specific objectives (5):

- To review the possible adaptation measures that can be incorporated in the Drina RBM Plan
- 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 countries.



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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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## Topics to be discussed

- Organisation and delivery of the Workshop “**The economics of climate change adaptation measures under WFD, MSFD and ICZM**”, Istanbul, Turkey, 11-14 April 2016.
- Preparation and delivery of the Workshop “**Eutrophication reduction measures under MSFD, WFD, UWWTD and Nitrates Directive**”, Sarajevo, Bosnia and Herzegovina (17-19 May).

The training will build on the results and conclusions from the 2nd regional training delivered in October 2015, and will make use of the final list of measures which need to be climate proof, and economically assessed.



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## WM WG Activities 2016

- The economics of climate change adaptation measures under WFD, MSFD and ICZM, 11-13 April 2016, Istanbul
- Eutrophication reduction measures under MSFD, WFD, UWWTD and Nitrates Directive, 17-19 May, Sarajevo
- WFD Program of Measures, 19-22 June 2016, Tirana
- Actions toward the “good status” - results, case studies and challenges, 4-6 July 2016, Skopje.



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Thank you!



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