

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

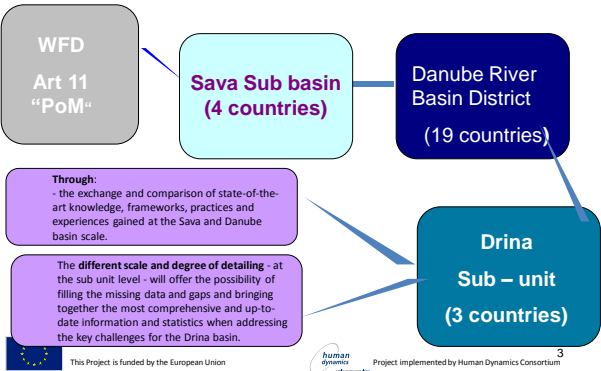
20 – 22 June 2016
ECRAN 62432

Overview of the relevant methodologies, concepts,
guidance and references in the RBMP development

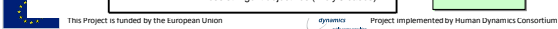
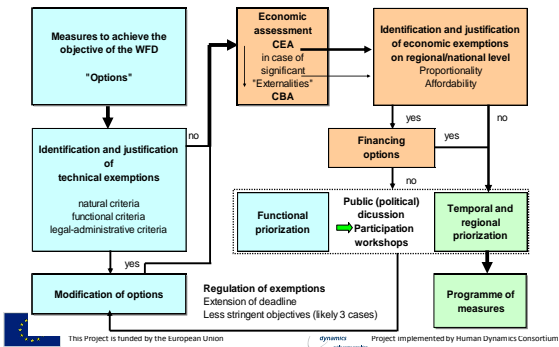
- Drina RB interfaces
- Steps for RBMP development
- Program of Measures
- Organisation of work
- Guidances
- EU references
- Screening templates



Drina RBMP: interfaces



Preparation of the PoM



Year	River Basin Planning Requirements
2003	Transpose Directive Identify river basin districts and the competent authorities
2004	Characterisation and risk assessment Economic analysis of water use Register of protected areas
2006	Monitoring programmes Work programme for first River Basin Management Plans
2007	Interim overview of the significant water management issues
2008	Publish draft River Basin Management Plans for consultation
2009	Finalise and publish first River Basin Management Plans
2012	Measures fully operational Work programme for second River Basin Management Plans
2013	Review characterisation and risk assessment Review economic analysis of water use Interim overview of the significant water management issues
2014	Publish second draft River Basin Plans for consultation
2015	Achieve environmental objectives in first Basin Plan Finalise and publish second River Basin Plans



Program of Measures – key issues (1)

The WFD PoMs should be designed to achieve the WFD environmental objectives (WFD Article 11(1)).

The WFD objective is to achieve good status for all water bodies by 2015.

This objective is quantified and linked to a clear timetable.

In designing the PoMs, Member States are expected to identify which measures are needed to achieve good status.

The starting point is the current situation, as reflected in the pressures and impacts analysis and the status assessment on the basis of monitoring.



Program of Measures – key issues (2)

Establish the **business as usual (or baseline) scenario**

Select WFD specific basic measures (Article 11(3) paragraphs b to l) and supplementary measures (Article 11(4)) to **fill the remaining gap by reducing the pressures to levels compatible with good status**.

The measures should be designed based on the **assessment of the actual status of the water body**, supplemented with the information from the analysis of pressures and impacts affecting the water body.

Measures should be targeted in terms of their **type and extent** to ensure that pressures are addressed and that this will deliver improvements towards achieving good status or potential in the individual water bodies.



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Organization of work (1)

- Methodology: **living guidance document** to assist the experts involved in the WFD implementation.
- It aims to offer clear evidence on the topics of training the experts in the beneficiary countries, based on the logical flow of preparatory process of the PoM in the selected pilot basin: Drina River Basin, and making use of inputs from Drina RB countries through completed screening templates
- The guidance document is **updated** along the ECRAN project implementation, based on the results of specific assessments (SWMIs, visions, management objectives, economic analysis and financing of the PoM, synergies with other EU policies and directives (MFSD, FD, EIAD, SEAD...))



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Organization of work (3)

Annexes and screening templates

- 5) SWMIs prioritization
- 6) Visions identification and agreement at 5th SW
- 7) Management objectives identification
- 8) Pressures assessment making use of EC reporting schemes
- 9) Impact assessment
- 10) Economic analysis
- 11) Financing of measures
- 12) WFD Environmental objectives



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Program of Measures – key issues (3)

The **planning process** is essential

The planning process started with the **transposition of the Directive into national law and the administrative arrangements**, and it was followed by the characterisation of the RBD

The status assessment based on sufficient (parameters, frequency, etc.) and updated monitoring results is a fundamental element of the planning process, but is also often the weak part of the chain.

Finally, the **environmental objectives are set** and the **PoMs to achieve those objectives are established**.



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Organization of work (2)

Annexes and screening templates

- 1) **Transboundary issues**: template for data collection for Drina countries
- 2) **SWMIs** basic concept and screening template for Drina countries
- 3) **Linkages SWMIs and PoM**: background document for all ECRAN project beneficiaries
- 4) **Monitoring programs**: template for data collection from all ECRAN beneficiaries countries



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Content of the PoM

7. **Programme(s) of measures** a summary of the programme or programmes of measures adopted under Article 11, including the ways in which the objectives established under Article 4 are to be achieved;
 - 7.1. a summary of the measures required to implement Community legislation for the protection of water;
 - 7.2. a report on the practical steps and measures taken to apply the principle of recovery of the costs of water use in accordance with Article 9;
 - 7.3. a summary of the measures taken to meet the requirements of Article 7;
 - 7.4. a summary of the controls on abstraction and impoundment of water, including reference to the registers and identifications of the cases where exemptions have been made under Article 11(3)(e);
 - 7.5. a summary of the controls adopted for point source discharges and other activities with an impact on the status of water in accordance with the provisions of Article 11(3)(g) and 11(3)(i);
 - 7.6. an identification of the cases where direct discharges to groundwater have been authorised in accordance with (j);
 - 7.7. a summary of the measures taken in accordance with Article 16 on priority substances;
 - 7.8. a summary of the measures taken to prevent or reduce the impact of accidental pollution incidents;
 - 7.9. a summary of the measures taken under Article 11(5) for bodies of water which are unlikely to achieve the objectives set out under Article 4;
 - 7.10. details of the supplementary measures identified as necessary in order to meet the environmental objectives established;
 - 7.11. details of the measures taken to avoid increase in pollution of marine waters in accordance with Article 11(6);



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Drina Program of Measures

Content

- Transboundary issues
- Selection of Significant Water Management Issues
- Pressures and impact assessment at the Drina RB level
- Assessment of interlinkages between specific topics and their integration
- Definition of visions for each SWMI
- Description of management objectives for each SWMI/vision
- Compilation of measures in the PoM
- Economic analysis
- Financing
- Assessment of anticipated effects to achieve the WFD objectives based on the compiled PoM, making use of scenarios of future developments.



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Possible obstacles

- lack of data and information on pressures and impacts
- need for criteria for defining the significant pressures, need for a translation between pressures and impacts,
- baseline scenario clarity
- estimation of 2027 objectives to assess the risk of failure for WFD objectives
- monitoring programmes need to be operational
- need for monitoring data from intercalibration sites
- typology, reference conditions and class boundaries not available

“The design of appropriate measures to achieve the objectives can only be done on the basis of adequate knowledge of the pressures, impacts and status affecting the water bodies”.



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Guidances in support of the RBMP

The Commission agreed on a number of 33 guidance documents and 10 technical reports which have been produced to assist EU Member States with an overall methodological approach, which could be adjusted to specific circumstances by each EU Member State.

The Guidance documents cover many aspects of implementation, such as establishing monitoring programmes, undertaking economic analyses, engaging the public, developing classification systems, how to identify and designate heavily modified and artificial water bodies.

Guidance documents finalized are made available on CIRCA.



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WFD Guidance Documents (1)



Type

Informal guidance documents on key identified technical issues.

Aim

Assist MS in the implementation process and avoid duplication of effort.

Purpose

- Cover many aspects of implementation, such as establishing monitoring programmes, undertaking economic analyses, engaging the public, developing classification systems, how to identify and designate heavily modified and artificial water bodies

- Provide an overall methodological approach, which need to be adjusted to the specific national circumstances.

33 Guidance documents have been finalized.

Part of the guidance documents have associated policy summaries that provide an overview of the documents.

Guidance documents finalized are made available on CIRCA.



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WFD Guidance Documents (2)

- N° 1 – Economics and the Environment
- N° 2 – Identification of Water Bodies
- N° 3 – Analysis of Pressures and Impacts
- N° 4 – Identification and Designation of Heavily Modified and Artificial Water Bodies
- N° 5 - Transitional and Coastal Waters
- N° 6 - Intercalibration Network and Intercalibration Exercise
- N° 7 - Monitoring under the Water Framework Directive
- N° 8 - Public Participation
- N° 9 - Implementing the Geographical Information System Elements (GIS)
- N° 10 - Rivers and Lakes - Typology, Reference Conditions
- N° 11 - Planning Processes
- N° 12 - The Role of Wetlands in the Water Framework Directive
- N° 13 - Overall Approach to the Classification of Ecological Status and Potential
- N° 14 - Guidance on the Intercalibration Process
- N° 15 - Groundwater Monitoring
- N° 16 - Groundwater in Drinking Water Protected Areas



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WFD Guidance Documents (3)

- N° 17 - 2006/118/EC Directive on protection of groundwater
- N° 18 - Groundwater Status and Trend Assessment
- N° 19 - Surface water chemical monitoring
- N° 20 - Exemptions to the environmental objectives
- N° 21 - Guidance for reporting under the WFD
- N° 22 - Updated WISE GIS guidance
- N° 23 - Eutrophication Assessment
- N° 24 - River Basin Management in a changing climate
- N° 25 - Chemical Monitoring of Sediment and Biota
- N° 26 - Risk Assessment and the Conceptual Models for Groundwater
- N° 27 - Deriving Environmental Quality Standards
- N° 28 - Preparation of Priority Substances Emissions Inventory
- N° 29 - Floods Directive
- N° 30 - Updated classification methods for intercalibration exercise
- N° 31 - Ecological Flows
- N° 32 - Biota Monitoring
- N° 33 - Analytical Methods for Biota Monitoring



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Most relevant guidance documents

- N° 1 – Economics and the Environment
- N° 2 – Identification of Water Bodies
- N° 3 - Analysis of Pressures and Impacts
- N° 11 - Planning Processes
- N° 12 - The Role of Wetlands in the Water Framework Directive
- N° 13 - Overall Approach to the Classification of Ecological Status and Potential
- N° 20 - Exemptions to the environmental objectives
- N° 21 - Guidance for reporting under the WFD
- N° 24 - River Basin Management in a changing climate



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EU docs in support of WFD implementation (1)

"Common Strategy on the Implementation of the Water Framework Directive" (CIS)

"Carrying forward the Common Implementation Strategy for the Water Framework Directive - Progress and Work Programme 2003/2004"

"Moving to the next stage in the Common Implementation Strategy for the Water Framework Directive - Progress and Work Programme 2005/2006"

"Improving the comparability and the quality of Water Framework Directive implementation – Progress and Work Programme 2007-2009"

"Supporting the implementation of the first river basin management plans - Work programme 2010-2012"

"Strengthening the implementation of EU water policy through the second river basin management plans - Work Programme 2013-2015".



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EU docs in support of WFD implementation (2)

- Decision 2455/2001/EC of the European Parliament and of the Council of 20 November 2001 establishing the list of priority substances in the field of water policy and amending Directive 2000/60/EC of water policy (WFD).
- 2005/646/EC: Commission Decision of 17 August 2005 on the establishment of a register of sites to form the intercalibration network in accordance with Directive 2000/60/EC of the European Parliament and of the Council.
- Groundwater
- Council Directive 80/68/EEC of 17 December 1979 on the protection of groundwater against pollution caused by certain dangerous substances.
- Directive 2006/118/EC of the European Parliament and of the Council of 12 December 2006 on the protection of groundwater against pollution and deterioration



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EU docs in support of WFD implementation (3)

Flood protection

- Directive 2007/60/EC of the European Parliament and of the Council of 23 October 2007 on the assessment and management of flood risks.

Municipal urban wastewater treatment

- Council Directive 91/271/EEC of 21 May 1991 concerning urban wastewater treatment
- 93/481/EEC: Commission Decision of 28 July 1993 concerning formats for the presentation of national programmes as foreseen by Article 17 of Council Directive 91/271/EEC.
- The Sewage Sludge Directive (86/278/EEC).

Drinking water

- Council Directive 98/83/EC of 3 November 1998 on the quality of water intended for human consumption.



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EU docs in support of WFD implementation (4)

Drinking water

- Council Directive 79/869/EEC of 9 October 1979 concerning the methods of measurement and frequencies of sampling and analysis of surface water intended for the abstraction of drinking.

Dangerous substances

- Council Directive 76/464/EEC of 4 May 1976 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community.



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Screening templates for reporting

- Templates urban inventory + annex 1, 2, 3
- EPER annex 4, 5
- Agricultural measures annex 4
- HS annex 5
- Economic analysis screening templates
- Environmental objectives



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Thank you!



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