

Workshop on linkages between the WFD, SEAD and EIAD

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Main WFD requirements



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Structure of the presentation

- WFD – legal requirements
- Water planning process
- WFD challenges and solutions
- WFD – integration with other EU policies
- Capacity building
- WFD Guidance documents



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WFD key requirements (1)

The **WFD objectives** by 2015, 2021 or 2027 (*if exemptions can be justified*) is for all European water bodies to achieve and maintain 'good ecological status' (GES) or 'high ecological status' (HES).

This is the main **legal requirement!**



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WFD legal requirements (2)

The WFD commits MS to:

- a) Set **clear objectives**:
 - Use of water resources must be sustainable throughout Europe
- b) Take a new approach to water protection – the **integrated river basin approach** - basin-wide scale, addressing all **pressures and impacts** (Article 5, Article 6, Annex II, Annex III)
- c) Use **ecological health** as the **indicator of success** (Article 2 (22), Annex V)
- d) It covers **all water categories**; rivers, lakes, groundwater as well as coastal and transitional waters
- e) To make operational the **monitoring networks** by 2006 (Article 8)
- f) To identify by 2009 a **PoM for achieving the WFD objectives cost-effectively** (Article 11, Annex III)



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WFD legal requirements (3)

- g) To **produce and publish RBMPs** for each RBD including the designation of heavily modified water bodies, by 2009 (Article 13, Article 4.3)
- h) To implement **water pricing policies** by 2010 (Article 9)
- i) To make the measures of the **programme operational** by 2012 (Article 11)
- j) To implement the PoM and **achieve the environmental objectives by 2015** (Article 4).
- k) Include the **views of stakeholders** (Article 14)
- l) WFD offers the possibility to MS to engage into two further 6 - year cycles of planning and implementation of measures! In the case of transboundary water bodies, this needs **co-operation between countries!** Article 3(5)
- m) (i) "Member States may identify an **existing national or international body** as competent authority for the purposes of this Directive" - WFD Article 3(6).

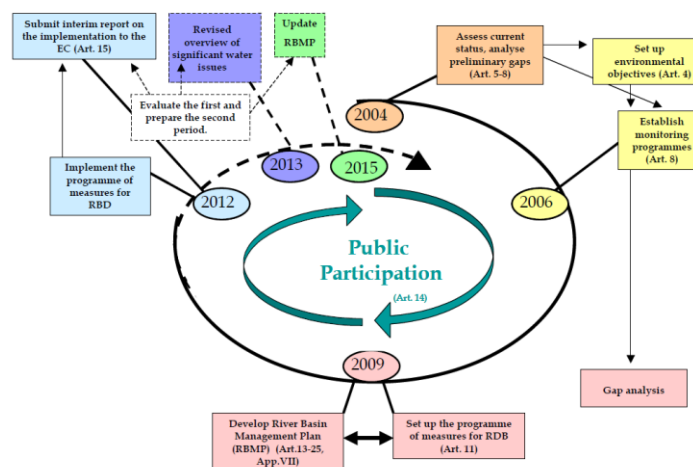


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1st Planning Cycle



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Planning process requirements

- (1) The WFD planning process need to be precise and consider:
 - the complexity of the WFD and its implementation
 - the necessity to anticipate the obligatory deadlines
 - the numerous interlinked tasks
 - the obligation of involvement of a large number of stakeholders
 - the integration of several levels : EU, national, districts and basins
- (2) Perfect understanding of the planning and management requirements of the WFD facilitate the establishment of RBMP and the PoM, and hence contribute to the establishment of WFD overall environmental goals
- (3) The river basin planning process is followed by PoM implementation
- (4) The planning process together with the implementation of the PoM is referred to as river basin management.



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WFD approach for water planning

The planning process includes following main components:

- Setting the scene
- Assessment of the current status and analyze preliminary gaps
- Setting up of the environmental objectives
- Establishment of monitoring programmes
- Gap analysis
- Setting up of the programme of measures
- Development river basin management plans
- Implementation of the programmes of measures and prepare the interim report on the implementation
- Evaluation the first and the second period
- Information and consultation of the public, active involvement of interested parties.



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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 <i>Work programme for second River Basin Management Plans</i>
2013	<i>Review characterisation and risk assessment</i> <i>Review economic analysis of water use</i> <i>Interim overview of the significant water management issues</i>
2014	<i>Publish second draft River Basin Plans for consultation</i>
2015	Achieve environmental objectives in first Basin Plan <i>Finalise and publish second River Basin Plans</i>

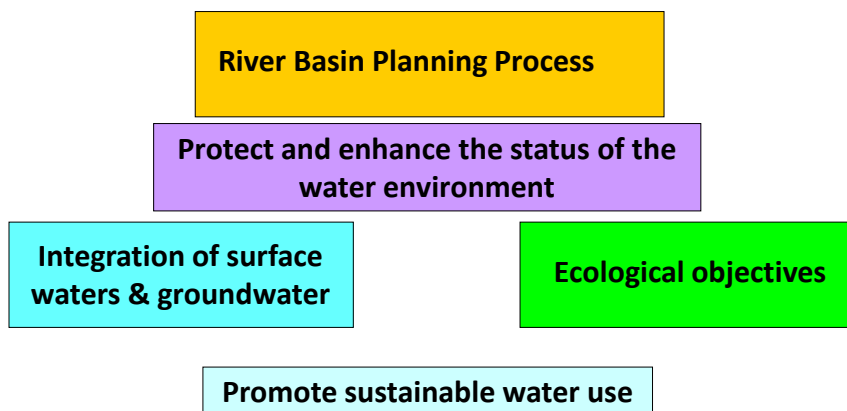


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River Basin Planning Process



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RBMP – strategic planning document

- It is a **strategic planning document** and an **operational guide** to implement PoM within a River Basin District for a period of six years.
- It serves as a **basic inventory and documentation mechanism** for information gathered according to the directive including, e.g.:
 - environmental objectives for surface waters and ground waters;
 - information on quality and quantity of waters;
 - information on main impact of human activity.
- It **co-ordinates programmes of measures** and other relevant programs concerning the area of river basin district.
- It is developed in **consultation with the public**.
- It serves as **main reporting mechanism of river basin district authorities to EC**.



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Content of the RBMP

- General description of the **characteristics of the river basin district**, including maps.
- **Summary of significant pressures and impact of human activity** on the status of surface water and groundwater, including estimations of point source pollution, diffuse source pollution, and an analysis of other impacts of human activity.
- Map identifying protected areas.
- Map or the monitoring network with results of the **monitoring programmes** showing the ecological and chemical status of surface water, the chemical and quantitative status of groundwater and the status of protected areas.
- List of the **environmental objectives** established for surface waters, groundwaters and protected areas, including where use has been made of the derogations.
- Summary of the **economic analysis of water use**.
- Summary of the **programme or programmes of measures**.
- Register of any more detailed programmes and management plans and a summary of their contents.
- Summary or the **public information and consultation measures** taken, their results and the changes to the plan as a consequence.
- List of **competent authorities**, contact points and procedures for obtaining background documentation and information, including actual monitoring data.



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WFD challenges

Scientific

Multidisciplinary

Scale issue

Technical

Tight deadlines

New approaches, methodologies, techniques, methods

Socio economic, political

Large financial efforts

Social learning, commitment and public enabling



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Proposed concept for capacity building

- Discuss principles on integration
- Case studies, lessons learned
- Clarification of the legal relationship between the WFD, especially the RBMP and the PoM (Article 11), and the assessment under the other directives
- Discussion on the similarities and overlaps (extent, nature) between the WFD, EIAD/ SEAD, FD, MSFD, others
- Examination of those potential duplications which are possible and synergy/coordination needs between authorities managing RBMPs, within river basins
- Identification of joint solutions to overcome different related problems
- Select 2-3 case studies, each with the potential to underline different sets of interlinkages, synergies and actions and overlaps between the WFD and other Directives.



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Common Strategy on the WFD (1)

CIS = Strategic document

Purpose

CIS has been prepared in recognition that an integrated approach to river basin management throughout Europe is crucial for the successful implementation of the WFD Directive.

Date

CIS was agreed in May 2001, under the Swedish Presidency.

CIS purpose

- to develop a common understanding and approach to implementation throughout the EU,
- elaborate informal technical guidance and
- share experiences between MS to avoid duplication of effort
- support efficient application of the WFD requirements



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Common Strategy on the WFD (2)

Key identified activities

Information sharing
 Development of guidance on technical issues
 Information and data management
 Carry out testing and validation in pilot river basins
 Integration of the WFD into other policy areas.



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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

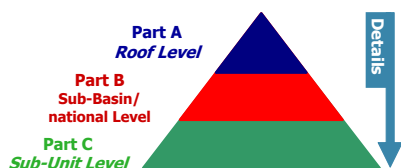


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WFD implementation in Drina RB



- Part A** International, basin-wide level - the Roof level
- Part B** National level and/or the internationally coordinated sub-basin level for selected sub-basins (Tisza, Sava, Prut and Danube Delta)
- Part C** Sub-unit level, defined as management units in the national territory – **Drina River Basin**

The information increases in detail from **Part A** to **Parts B and C**.



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Drina River Basin: key focus/steps

- Pressures and impact assessment
- SWMIs, visions, management objectives
- Risk Assessment
- Monitoring
- Joint Program of Measures
- Economic Analysis
- Exemptions
- Financing.



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Thank you!



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