

# **2<sup>nd</sup> Annual Meeting and the 3<sup>rd</sup> Screening Workshop at Pilot – Drina River Basin**

10 - 12 March 2015

ECRAN 57314

## **Key issues of WFD**



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# Structure of the presentation

- Common Implementation Strategy
- Guidance documents: purpose
- List of guidance documents
- List of Technical reports
- WFD Key messages
- Key principles of WFD Art 4
- Key focus for Drina RB



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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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# Guidance Document No. 1 Economics and the Environment WATECO (2003)



This guidance document provides:

- a detailed account of the processes that need to be considered for the economic analysis
- the economic elements and their role in water policy-making
- economic requirements.



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# Overall approach of the WATECO

## **STEP 1 – CHARACTERISING RIVER BASINS**

STEP 1.1 – ASSESSING THE ECONOMIC SIGNIFICANCE OF WATER USES

STEP 1.2 – PROJECTING TRENDS: 2015

STEP 1.3 – EVALUATING CURRENT PRICING POLICIES

## **STEP 2 – IDENTIFYING SIGNIFICANT WATER MANAGEMENT ISSUES**

STEP 2.1 – WILL THERE BE GAPS IN WATER STATUS BY 2015?

STEP 2.2.a – NO GAP IDENTIFIED

STEP 2.2.b – GAPS IDENTIFIED

## **STEP 3 – IDENTIFYING MEASURES AND ECONOMIC IMPACT**

STEP 3.1 – EVALUATING COSTS AND EFFECTIVENESS OF POTENTIAL MEASURES

STEP 3.2 – CONSTRUCTING A COST-EFFECTIVE PROGRAMME OF MEASURES

STEP 3.3.a – COSTS ARE PROPORTIONATE

STEP 3.2.B – COSTS ARE DISPROPORTIONATE

STEP 3.4 – PREPARING FOR COST-RECOVERY AND INCENTIVE PRICING



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# WFD List of technical reports

- N° 1 - WFD: Statistical aspects of the identification of groundwater pollution trends and aggregation of monitoring results**
- N° 2 - Groundwater Body Characterisation**
- N° 3 - Groundwater Monitoring**
- N° 4 - Groundwater Risk Assessment**
- N° 5 - Groundwater Management in the Mediterranean**
- N° 6 - Groundwater Dependent Terrestrial Ecosystems**
- N° 7 - Recommendations for the review of Annex I and II of the Groundwater Directive 2006/118/EC**
- N° 8 - Methodologies used for assessing Groundwater Dependent Terrestrial Ecosystems**
- N° 9 - Technical Report on Aquatic Effect-Based Monitoring Tools**
- N°10 - Technical Background Document on Identification of Mixing Zones**



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# WFD key messages (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 a **legal requirement**

The WFD commits MS to:

- a) Take a new approach to water protection – the **integrated river basin approach** - basin-wide scale, addressing all **pressures and impacts**
- b) Use **ecological health** as the **indicator of success**
- c) It covers **all water categories**; rivers, lakes, groundwater as well as coastal and transitional waters
- d) Sets **clear objectives**:
  - Use of water resources must be sustainable throughout Europe
  - The protection of all categories of waters
  - Waters to be managed at river basin level by formulating a RBMP



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## WFD key messages (2)

- In the case of transboundary water bodies, this needs **co-operation between countries**
  - Appropriate coordination with relevant non-EU Member States shall be endeavoured for achieving WFD objectives” - WFD Article 3(5)
  - “Member States may identify an **existing national or international body** as competent authority for the purposes of this Directive”- WFD Article 3(6)
- e) Include the views of stakeholders (Article 14)
- f) Requiring water pricing policies based on the “user pays” principle
- g) Balancing the interests of the environment with those who depend on it.



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## WFD key messages (2)

- New approach to water protection
- It covers all water categories; rivers, lakes, groundwater as well as coastal and transitional waters
- Sets clear objectives
- Use of water resources must be sustainable throughout Europe
- The protection of all categories of waters
- Waters to be managed at river basin level by formulating a River Basin Management Plan
- In the case of transboundary water bodies, this needs co-operation between countries



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# What we should know from Article 4

- **Article 4: the core article - of the Water Framework Directive !**
- CIS Guidance Document no. 20
- **Environmental objectives and exemptions**
- The environmental objectives are defined in Article 4 - The aim is long-term sustainable water management based on a high level of protection of the aquatic environment.
- Article 4.1 defines the **WFD general objective** to be achieved in all surface and groundwater bodies, i.e. good status by 2015, and introduces the principle of preventing any further deterioration of status.
- The **exemptions** to the general objectives that allow for less stringent objectives, extension of deadline beyond 2015, or the implementation of new projects, provided a set of conditions are fulfilled.
- The key element in making the general environmental objective operational in a harmonized way throughout the EU is the intercalibration exercise.



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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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