



# Multilateral Screening Meeting - Croatia and Turkey

## Chapter 27 – Environment – Water quality

Brussels, 4 April 2006

# Water Framework Directive 2000/60/EC



# **Water Framework Directive**

**European Parliament and Council Directive 2000/60/EC  
(OJ L 327, 22.12.2000, p.1)**

**as amended by European Parliament and Council  
Decision No 2455/2001/EC establishing the list of  
priority substances  
(OJ L 331, 15.12.2001, p. 1)**

**Commission Decision 2005/646/EC establishing a  
register of intercalibration sites  
(OJ L 243, 19.9.2005, p. 1)**



## Key elements

- **protecting all waters, surface and ground waters in a holistic way**
- **good quality ('good status') to be achieved by 2015**
- **integrated water management based on river basins**
- **combined approach of emission controls and water quality standards, plus phasing out of particularly hazardous substances**
- **economic instruments: economic analysis, and getting the prices right - to promote prudent use of water**
- **getting citizens and stakeholders involved: public participation**



## **Implementation: a continuous & transparent process**

**Art. 24: Formal transposition into national law** **Dec 2003**



**Art. 5: Environmental analysis, economic analysis** **Dec 2004**



**Art. 8: Monitoring programmes operational** **Dec 2006**

**Art. 14: Start public participation at the latest** **Dec 2006**



**Art. 13: Draft river basin management plans** **Dec 2008**



**Art. 13: Final river basin management plans** **Dec 2009**



**Implementation, assessment, adjustment and achievement of**  
**the objectives by 2015**



## The second and third cycle of implementation

	2nd cycle	3rd cycle
Update of environmental analysis	Dec 2013	Dec 2019
↓		
Draft river basin management plan	Dec 2014	Dec 2020
↓		
Publish river basin management plan	Dec 2015	Dec 2021



## Articles of WFD (1)

Art. 1: Purpose

Art. 2: Definitions

Art. 3: Administrative arrangements

**Art. 4: Objectives and exemptions**

Art. 5: Environmental and economic analysis

Art. 6: Protected areas

Art. 7: Drinking water abstraction

Art. 8: Monitoring programmes

**Art. 9: Water pricing**

Art. 10: Combined approach (important for 76/464/EEC)



## Articles of WFD (2)

### **Art. 11: Programme of measures**

Art. 12: Issues beyond MS control (int. cooperation)

### **Art. 13: River Basin Management Plan**

### **Art. 14: Public participation**

Art. 15: Reporting

Art. 16: Surface water pollution - priority substances

Art. 17: Groundwater pollution

Art. 18: Commission reports

Art. 19 – 21: Committee procedure and review process

Art. 22: Repeals

Art. 23: Penalties

Art. 24: Transposition



## Annexes of WFD (1)

Annex I: Reporting of competent authorities (link to Art. 3)

**Annex II: Specifications on characterization (typology and HMWB) and environmental analysis (pressures and impacts) (link to Art. 5)**

Annex III: Specifications on economic analysis (link to Art. 5)

Annex IV: List of protected areas (link to Art. 6)

**Annex V: Objectives (normative definitions), quality elements, monitoring, classification and reporting (link to Art. 4 and 8)**

Annex VI: List of measures (link to Art. 11)

**Annex VII: Elements of a river basin management plan (link to Art. 13)**





## Annexes of WFD (2)

- Annex VIII: List of pollutants (replacing lists I and II of “old” legislation) ([link to definitions](#))
- Annex IX: Daughter Directives of 76/464/EEC setting ELVs and EQS ([link to definitions](#))
- Annex X: List of priority substances ([link to Art. 16](#) - established by Decision 2455/2001/EC)
- Annex XI: Eco region maps ([link to Annex II](#) – typology)



## **Key articles for transposition/implementation (1)**

### **Art 4: objectives and exemptions:**

- **Very complex, many aspects included, e.g. heavily modified water bodies (HMWB)**
- **Key article – must be transposed**
- **Art. 4.1 – env. objectives**
- **Art. 4.3 to 4.7 – exemptions**
- **Art. 4.8 and 4.9 – safety net**
- **Obligations for new modifications – e.g. infrastructure (Art. 4.7)**
- **Guidance document available**



## **Key articles for transposition/implementation (2)**

### **Art 3: administrative arrangements:**

- **Setting up competent authorities**
- **flexibility as long as coordination is ensured and WFD objectives can be achieved with administrative set up**
- **Delineation of river basin districts, incl. groundwaters and coastal waters**
- **International cooperation – mandatory between MS – aspiration with non-EU MS**
- **Art. 12 - mediation mechanism of the Commission**



## **Key articles for transposition/implementation (3)**

- **Transposition of Art. 9 (water pricing) and Art. 14 (public participation) important, require particular attention**
- **Some articles may not require transposition if the tasks and responsibilities are attributed to an authority and reference is made to the WFD**
- **This is the case e.g. for Art. 5, 6, 8 and parts of Art. 13**
- **Annex II and V essential for implementation – but no transposition in law necessary – reference to WFD enough or transposition by administrative instrument**



## **In the pipeline ...**

### **Upcoming legislation closely link to WFD:**

- **Proposal for a Groundwater Directive (COM(2003) 550 final) – link to Art. 17**
- **Proposal for a Directive on Flood Risk Management (COM(2006) 15 final)**
- **Proposal for environmental quality standards of priority substance (under preparation) – link to Art. 16**



## **Suggestions for accession process**

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- **Transposition with an integrated approach**
- **Prepare Implementation Plan in several phases**

### **Focus in first phase:**

- **establishment of administrative structures and capacities**
- **environmental and economic analysis**
- **establishment of monitoring**
- **establishment of protected areas**



# Evolution of Water Legislation

**TODAY**

**WFD**

**Bathing Water**

**Drinking Water**

**Surface Water**

**Fish Water**

**Shellfish Water**

**Ground water**

**Urban Waste Water**

**Nitrates**

**IPPC**

**Exchange of Information**

**Decision Surface Waters**

**Dangerous Substances**

**REPEAL**

**2013**

**WFD**

**Bathing Water**

**Drinking Water**

**Urban Waste  
Water**

**Nitrates**

**IPPC**



## Link to other directives

**Transposition should be done by integrating or linking to provisions of other directives, in particular:**

- 91/271/EEC: urban wastewater treatment
- 91/676/EEC: nitrates
- 96/61/EC: IPPC





## Repeal of directives in 2007

### Article 22: repeal of directives

- 75/440/EEC: abstraction of drinking water
- 77/795/EEC: exchange of information – surface water – fully taken up by Article 8 and Annex V WFD
- 79/869/EEC: methods for sampling related to 75/440/EEC – fully taken up by Annex V WFD

**Needs to ensure that same level of protection is kept (see Article 4.9, 6 and 7), in particular by ensuring that objective of 75/440/EEC are met through implementation of Art. 7 WFD**

This means that protected drinking water areas will require stricter, more comprehensive national standards for the parameters listed in Annex II of Directive 75/440/EEC



## Repeal of directives in 2013

### Article 22: repeal of directives

- 76/464/EEC: dangerous substances
- 80/68/EEC: groundwater
- 78/659/EEC: fish water
- 79/923/EEC: shellfish waters

**Needs to ensure that same level of protection is kept (see Article 4.9, 6 and 7).**

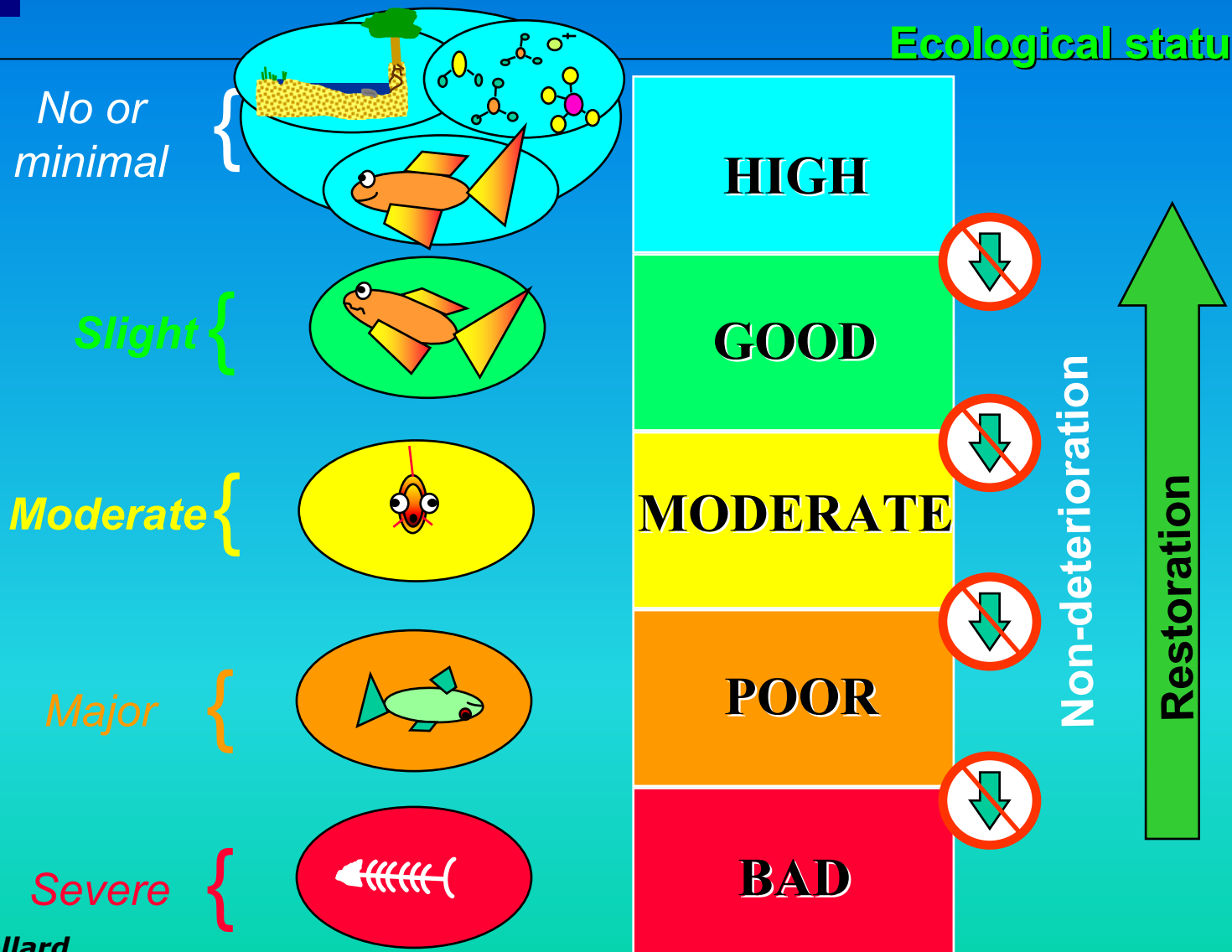
**Will be presented and discussed separately.**



# **Intercalibration Process**



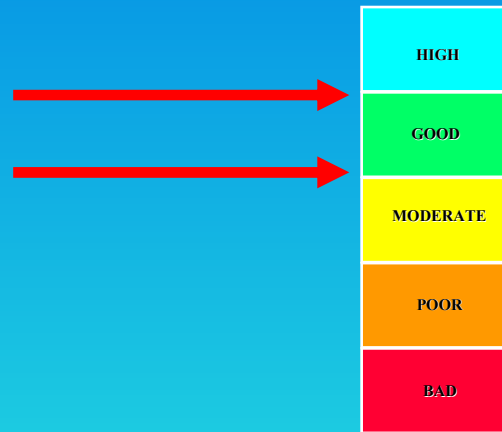
# Ecological objectives





## WG A Ecological Status: What is intercalibration?

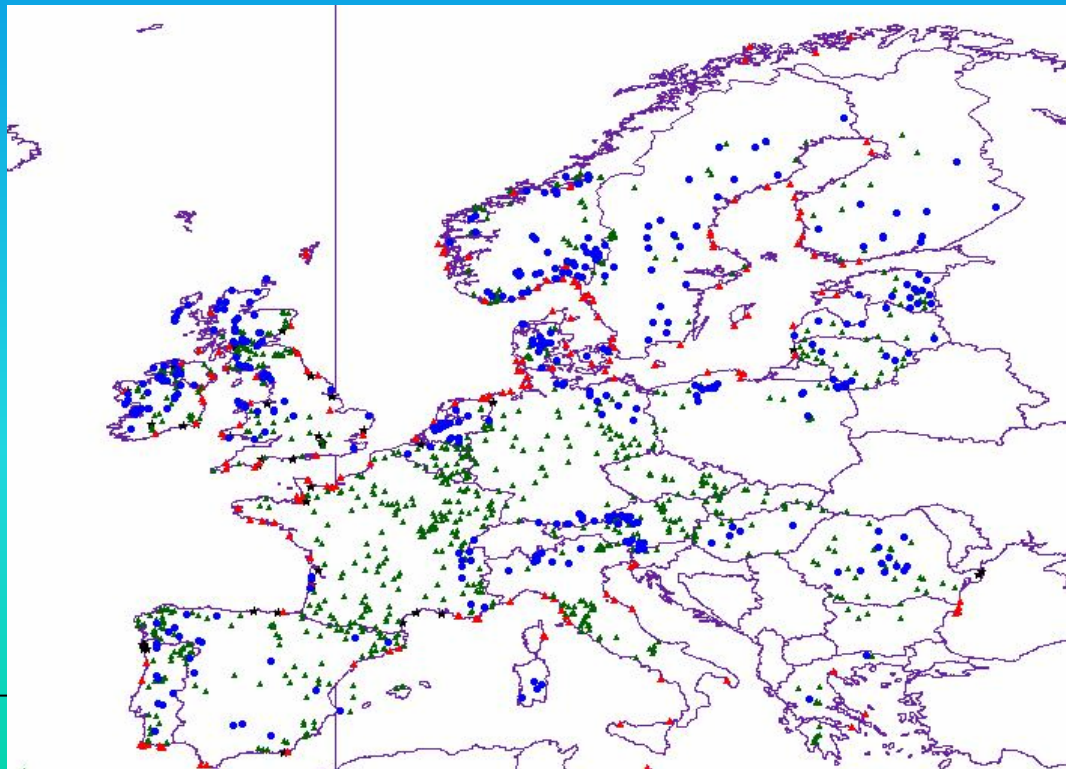
- Process to harmonise the understanding of "good ecological status" across 25 MS (+ BG, RO, NO)



- Harmonise the result of national assessment systems (not the methods) to be comparable and consistent with the normative definitions



- **Process in line with Annex V.1.4.1**
- **Decision 2005/646/EC lists 1489 monitoring sites for 28 countries which will be intercalibrated**
- **First results expected end 2006**
- **Commission Decision on results in mid-2007**
- **Specific discussions for accession process necessary**
- **JRC leads the activity**





# **Common Implementation Strategy for the Water Framework Directive**



## **Diversity of river basins**







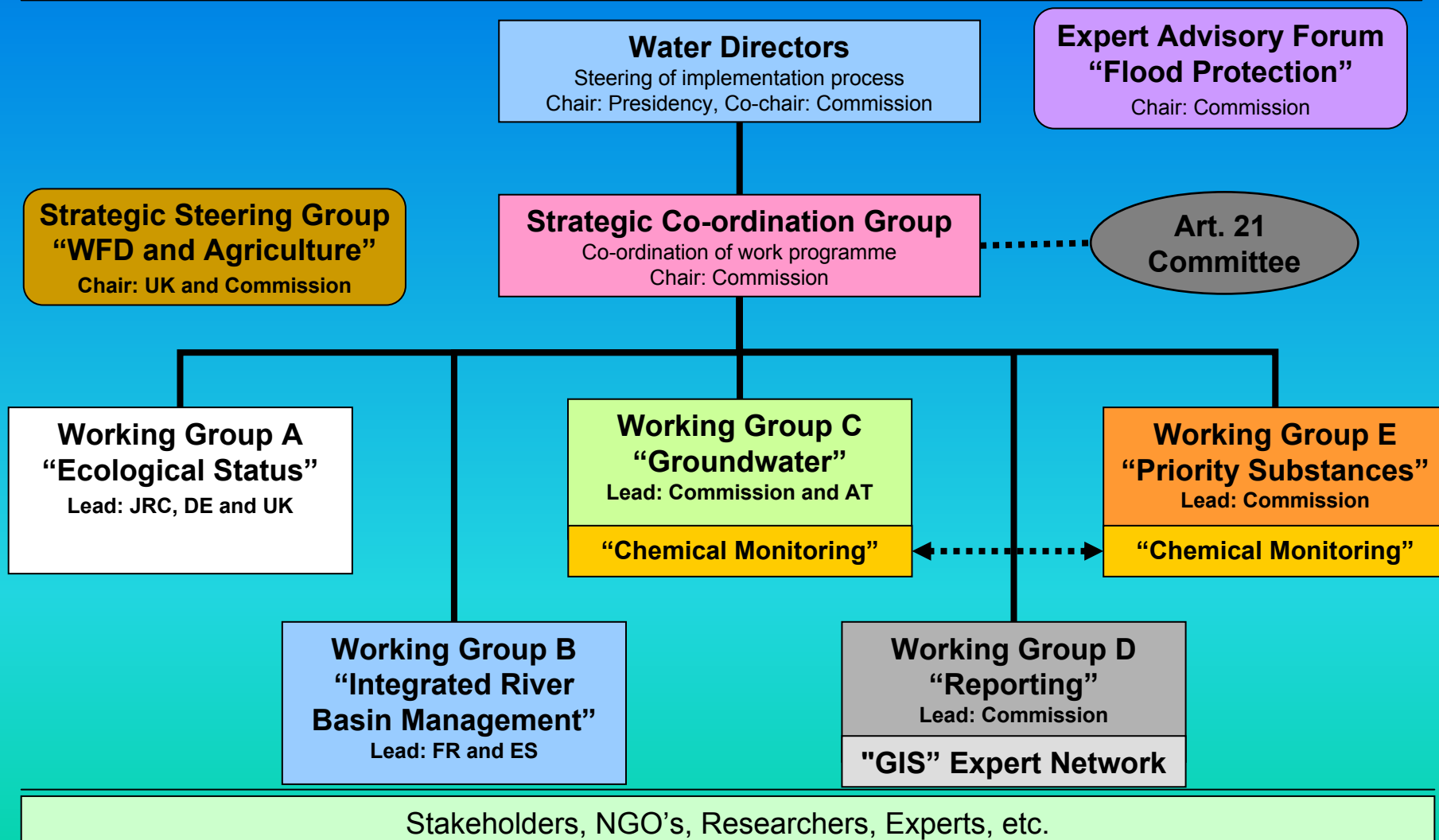
## Common Implementation Strategy (CIS)



- Challenges for all stakeholders
- Many large river basins in Europe are shared
- Common understanding of the Directive is critical
- Has led to: The Common Implementation Strategy
- Involves all stakeholders
- Example of Good European Governance



# CIS organisation 2005-2006





## Fourteen Guidance Documents

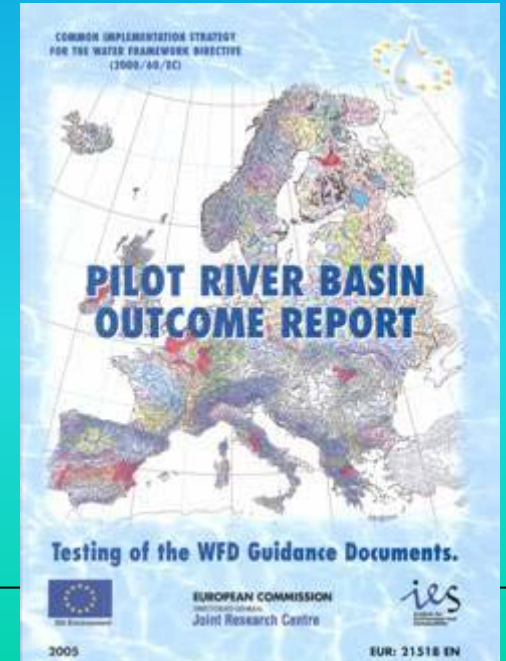
- 1) Economics and the Environment
- 2) Identification of Water Bodies
- 3) Analysis of Pressures and Impacts
- 4) Artificial and Heavily Modified Water Bodies
- 5) Transitional and Coastal Waters –Typology, Reference Conditions
- 6) Intercalibration Network and the Intercalibration Process
- 7) Monitoring
- 8) Public Participation
- 9) GIS and the WFD
- 10) Rivers and Lakes Typology
- 11) Planning Process
- 12) Wetlands
- 13) Classification
- 14) Intercalibration process





## CIS Achievements (cont'd)

- Other documents – Art. 5, env. objectives, eutrophication
- Water Information System for Europe (WISE)
- Pilot River Basin Exercise – summary reports
- Individual PRB reports – Odense, Shannon, Jucar, etc
- Newsletter
- WFD CD ROM
- WFD CIRCA



# "WFD Scoreboard" - January 2006

Country	Trsp	RBD Rep.	Art5 rep.
Austria	☺	☺	☺
Belgium	☹	☹	☺
Cyprus	☺	☺	☺
Czech Republic	☺	☺	☺
Denmark	☺	☺	☺
Estonia	☺	☺	☺
Finland	☺	☺	☺
France	☺	☺	☺
Germany	☺	☺	☺

Country	Trsp	RBD Rep.	Art5 rep.
Greece	☹	☺	☺
Hungary	☺	☺	☺
Ireland	☺	☺	☺
Italy	☹	☹	☹
Latvia	☺	☺	☺
Lithuania	☺	☺	☺
Luxembourg	☹	☺	☺
Malta	☺	☺	☺
Netherlands	☺	☺	☺

Country	Trsp	RBD Rep.	Art5 rep.
Poland	☺	☺	☺
Portugal	☹	☺	☺
Slovakia	☺	☺	☺
Slovenia	☺	☺	☺
Spain	☺	☺	☺
Sweden	☺	☺	☺
United Kingdom	☺	☺	☺

All MS reports are on the public WFD CTRCA website

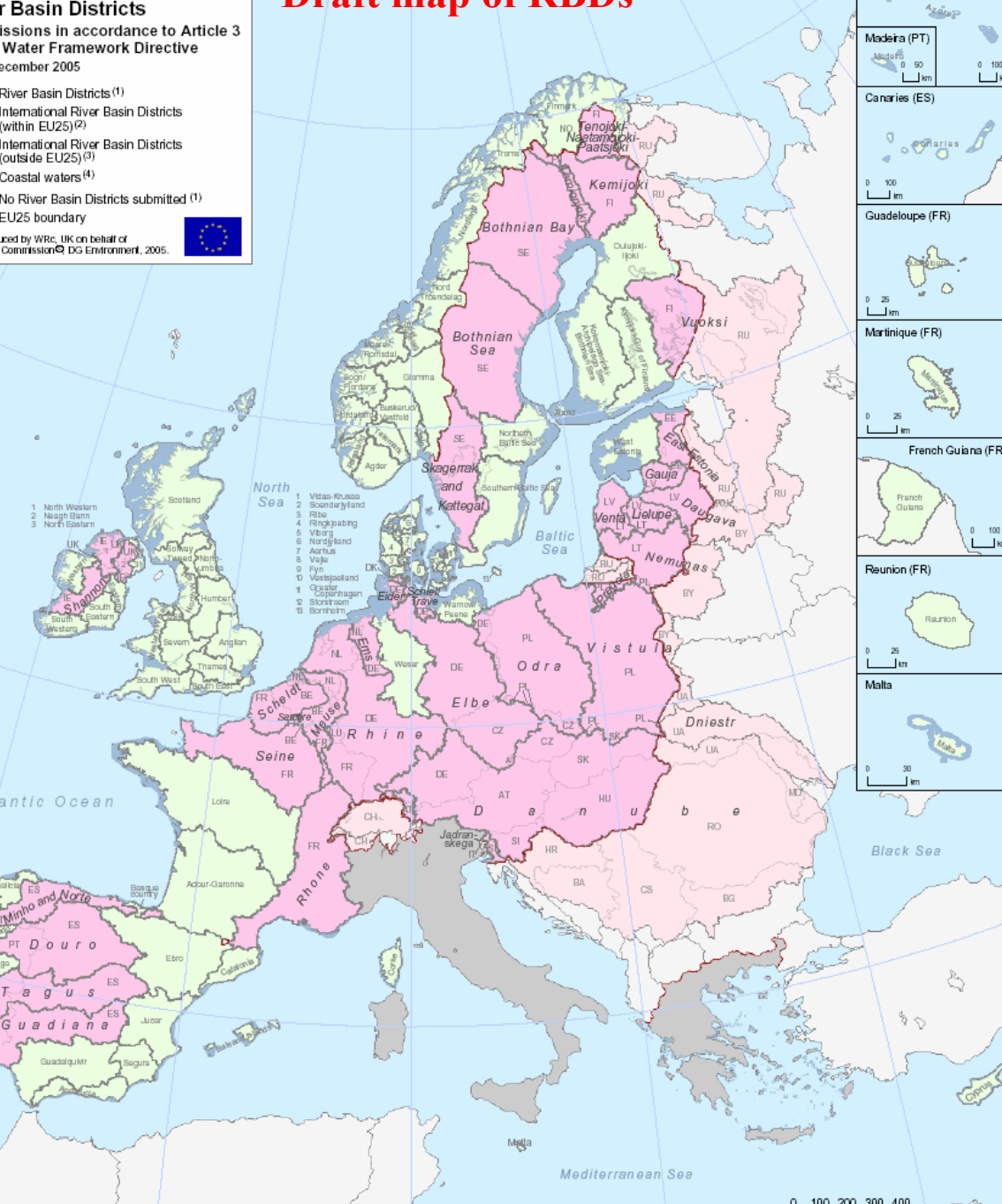
# Basin Districts

## missions in accordance to Article 3 Water Framework Directive December 2005

- River Basin Districts<sup>(1)</sup>
- International River Basin Districts  
(within EU25)<sup>(2)</sup>
- International River Basin Districts  
(outside EU25)<sup>(3)</sup>
- Coastal waters<sup>(4)</sup>

No River Basin Districts submitted<sup>(1)</sup>  
EU25 boundary

Map by WRc, UK on behalf of  
Commission DG Environment, 2005.



ment



**Currently 23 MS:**

- 134 RBDs

**Norway:**

- 14 RBDs

**RO, BG, HR:**

- 9 RBDs

**No double counting:**

- 96 RBDs (for 23 MS)
- 69 national
- 27 international



## More information



### On water policy:

<http://www.europa.eu.int/comm/environment/water>

**WFD CIRCA Information Exchange Platform** (incl. guidance documents)

<http://forum.europa.eu.int/Public/irc/env/wfd/library>

### Email:

[env-wfd-circa@cec.eu.int](mailto:env-wfd-circa@cec.eu.int)

**Thank you for your attention!**