

# The EU Water Framework Directive

INBO Meeting Cracow, 27<sup>th</sup> September 2004. Patrick Murphy



Notification (Art. 24)	😊	😐	😞	😊	😞	😞
Intercalibration (Site selection)	😊	😞	😊	😊	😊	😊





**Diversity of  
river basins**



# Evovement 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**

# Water Framework Directive: key elements



- protecting all waters, surface and ground waters
- covering all impacts on waters.
- good quality ('good status') to be achieved, as a rule, by 2015
- water quality defined in terms of biology, chemistry and morphology

# Water Framework Directive: key elements cont'd



- **management of the River Basin.**
- **the challenge of shared river basins**
- **river Basin Management Plans**
- **cost Recovery and Equitable Charging**
- **public Participation**

# Water Framework Directive: Outlook



- **Protection of all waters across Europe, based on comparable principles and objectives**
- **Binding objectives, at the same time providing flexibility on the tools how to achieve them**
- **Implementation with full participation of all interested and involved parties**
- **Long-term planning basis for technical, financial and political decisions**

# Implementation: a continuous & transparent process



# “WFD Scoreboard” for 2004-2005



	Country	
Notification (Art. 24)		(non) communication
Completeness		(non) conformity
Conformity		
Intercalibration (Site selection)		(incorrect) implementation
River Basin Districts (Art. 3 Reporting )		
RBD Analysis (Art. 5 Reporting)		

Symbols	Explanations
☺	Requirement fulfilled
☹	Requirement <u>partially</u> fulfilled
☹	Requirement <u>not</u> fulfilled/failed
NA	Not applicable / Deadline not expired

# WFD Scoreboard 2004/2005

## (EU 25 MS - part 1/3)



	AT	BE	CY	CZ	DE	D K	EE	EL
<b>Notification</b> (Art. 24)	☺	☹ *	☺	☺	☹	☺	☺	☺
<b>Completeness</b>	NA	NA	NA	NA	NA	NA	NA	NA
<b>Conformity</b>	NA	NA	NA	NA	NA	NA	NA	NA
<b>Intercalibration</b> (Site selection)	☺	☹	☺	☹	☺	☺	☹	☹
<b>River Basin</b> <b>Districts</b> (Art. 3 Reporting )	☺	☹	☺	☺	☺	☹	☹	☹
<b>RBD Analysis</b> (Art. 5 Reporting)	NA	NA	NA	NA	NA	NA	NA	NA

NA: not applicable at the moment, will be completed at a later stage

Patrick Hoare  
transposition for Brussels and Walloon Regions missing

# WFD Scoreboard 2004/2005 (EU 25 MS - part 2/3)



	ES	FI	FR	HU	IE	IT	LU	LT
<b>Notification (Art. 24)</b>	☺	☹	☺	☺	☺	☹	☹	☺
<b>Completeness</b>	NA							
<b>Conformity</b>	NA							
<b>Intercalibration (Site selection)</b>	☺	☺	☹	☺	☺	☺	☹	☹
<b>River Basin Districts (Art. 3 Reporting)</b>	☹	☹	☹	☺	☺	☹	☹	☺
<b>RBD Analysis (Art. 5 Reporting)</b>	NA							

NA: not applicable at the moment, will be completed at a later stage

# WFD Scoreboard 2004/2005 (EU 25 MS - part 3/3)



	L	MT	NL	PL	PT	SE	SK	SI	UK
<b>Notification (Art. 24)</b>	✓😊	😊	😞	😊	😞	😊	😊	😊	😊*
<b>Completeness</b>	NA								
<b>Conformity</b>	NA								
<b>Intercalibration (Site selection)</b>	😊	😞	😊	😊	😊	😊	😊	😊	😊
<b>River Basin Districts (Art. 3 Reporting )</b>	😊	😊	😊	😊	😞	😞	😊	😊	😊
<b>RBD Analysis (Art. 5 Reporting)</b>	NA								

NA: not applicable at the moment, will be completed at a later stage

\*: only transposition for Gibraltar missing

# Cooperation beyond EU current and future borders



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**Danube river basin: 18 countries, 817.000 km<sup>2</sup> catchment area**



# New river basins shared by new states only

<b>NEW international river basins</b>	<b>Accession Countries</b>	<b>Third countries</b>	<b>Existing co-operation</b>
<b>Venta</b> <b>95 000 km<sup>2</sup></b>	Latvia 65,3 % Lithuania 34,7 %	-	General agreements between Latvia and Lithuania
<b>Lielupe</b> <b>14 400 km<sup>2</sup></b>	Latvia 66,8% Lithuania 33,2 %	-	
<b>Gauja</b> <b>11 600 km<sup>2</sup></b>	Estonia 9,6 % Latvia 90,6%	-	

# New international river basins in EU-25



NEW international river basins	Countries	Existing co-operation	Recommendation
<b>Neman/ Nemunas</b> 90 300 km <sup>2</sup>	Lithuania 44 % Poland 4,2 % Latvia 0,4 % <b>Byelorussia 46,2 %</b> <b>Russia (K-grad) 5,3 %</b>	Lithuania and Belarus: general conventions on environmental issues (not strong)	Priority engagement by COM strongly suggested
<b>Vistula (with Bug)</b> 194 000 km <sup>2</sup>	Poland 87,5 % Slovakia 1 % Czech Rep. 0,01 % <b>Ukraine 6,6 %</b> <b>Byelorussia 5 %</b>	Current activities and contracts, but in general form.	Priority engagement by COM to be considered
<b>Daugava / Western Dvina / Zapa- dnaya Dvina</b> 58 700 km <sup>2</sup>	Latvia 34,4 % Lithuania 1,4 % <b>Byelorussia 48,1 %</b> <b>Russia 16,1 %</b>	General agreements between Latvia and Lithuania	Priority engagement by COM suggested
<b>Narva (incl. Lake Peipsi)</b> 53 000 km <sup>2</sup>	Estonia 34,1 % Latvia 11,2 % <b>Russia 53,2 %</b> <b>Byelorussia 1,6 %</b>	International commission for Lake Peipsi	Priority engagement by COM to be considered
<b>Dniestr</b> 135 000 km <sup>2</sup>	Poland 0,05 % <b>Ukraine 75,4 %</b>		COM engagement not

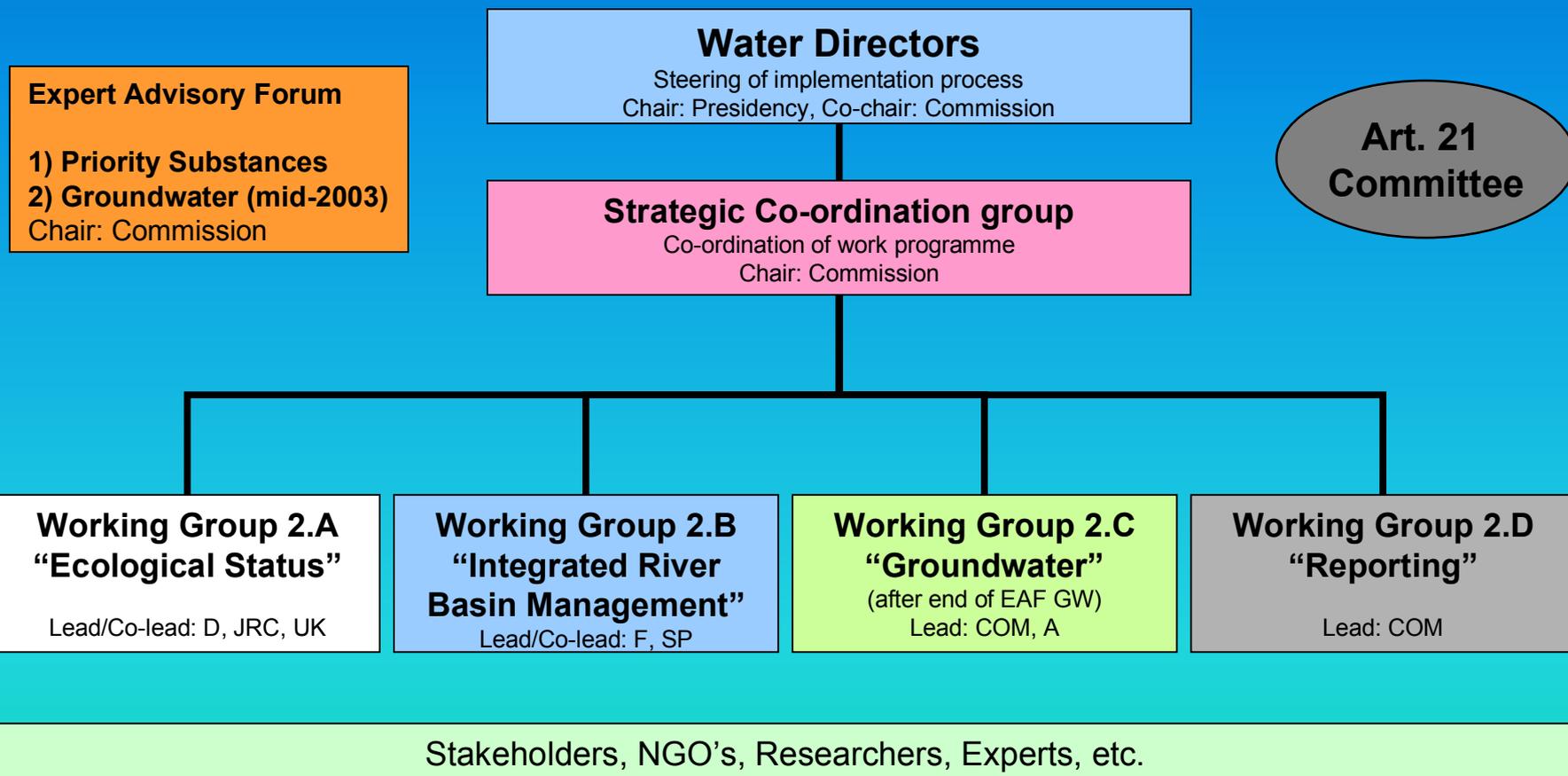
# The Common Implementation Strategy CIS



- **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.**
- **Already now serving as an example of Good European Governance.**



# CIS organisation



# CIS – Who is Involved



- **25 EU Member States**
- **Bulgaria, Romania, Norway, Iceland, Switzerland.**
- **Industry- EUREAU, CEFIC, ECPA, EURELECTRIC, Irrigators, Land-Owners etc etc**
- **NGOs -WWF, EEB, BirdLife etc**
- **In Total Over 1000 people actively involved.**

# CIS Activities of the Working Groups



- **Working Group 2A Ecological Status**
- **Draft register of inter-calibration sites**
- **Final register of the intercalibration network**
- **Final guidance on the intercalibration exercise**
- **Guidance on ecological classification**
- **Guidance on Eutrophication**
- **Common Typology Framework for Intercalibration**
- **Recommendations on monitoring methods**

# CIS Activities of the Working Groups

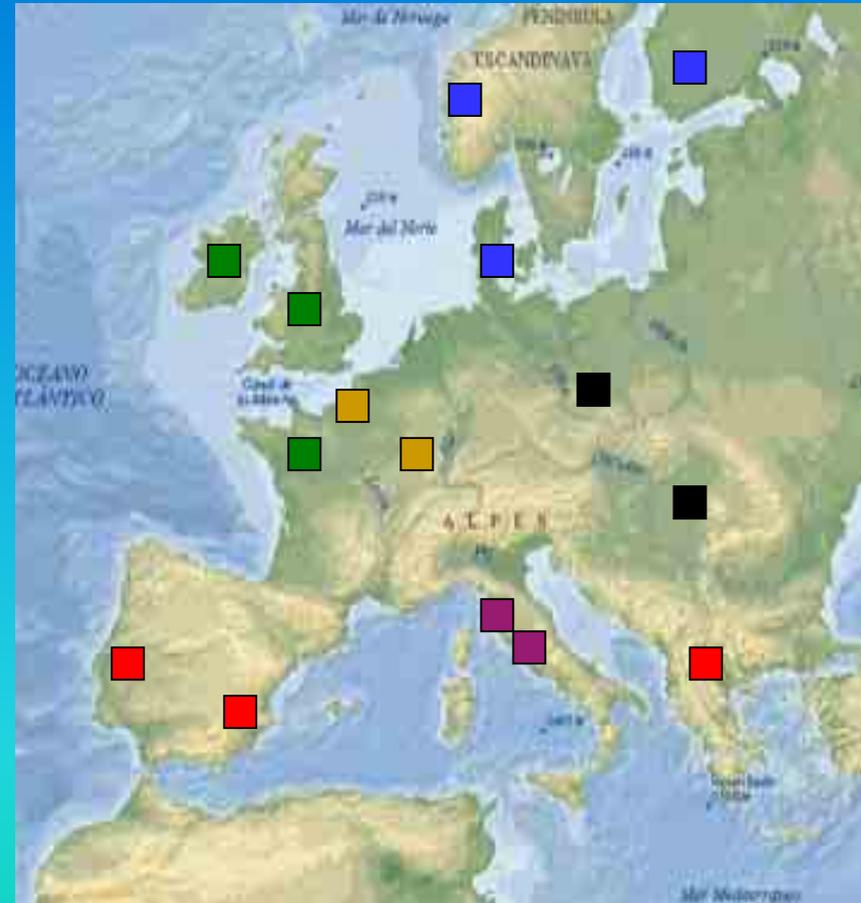


- **Working Group 2B-Integrated River Basin Management.**
- **Role of Wetlands**
- **Integrated Pilot River Basin Testing**
- **Integration of Economics in other Technical areas**
- **Developing Further Economic Tools**
- **Methodologies of River Basin Management**
- **Methodologies for Programmes of Measures**

# Pilot river basins across Europe



**B, F, NL (Scheldt),**  
**D, F, L (Moselle-Sarre)**  
**F (Marne)**  
**IRL (Shannon)**  
**DK (Odense Fjord)**  
**SF (Oulujoki)**  
**P (Guadiana)**  
**E (Júcar)**  
**GR (Pinios)**  
**H, RO (Somes)**  
**CZ, D, PL (Neisse)**  
**I (Tevere, Cecina)**  
**N (Suldalsvassdraget)**  
**UK (Ribble)**

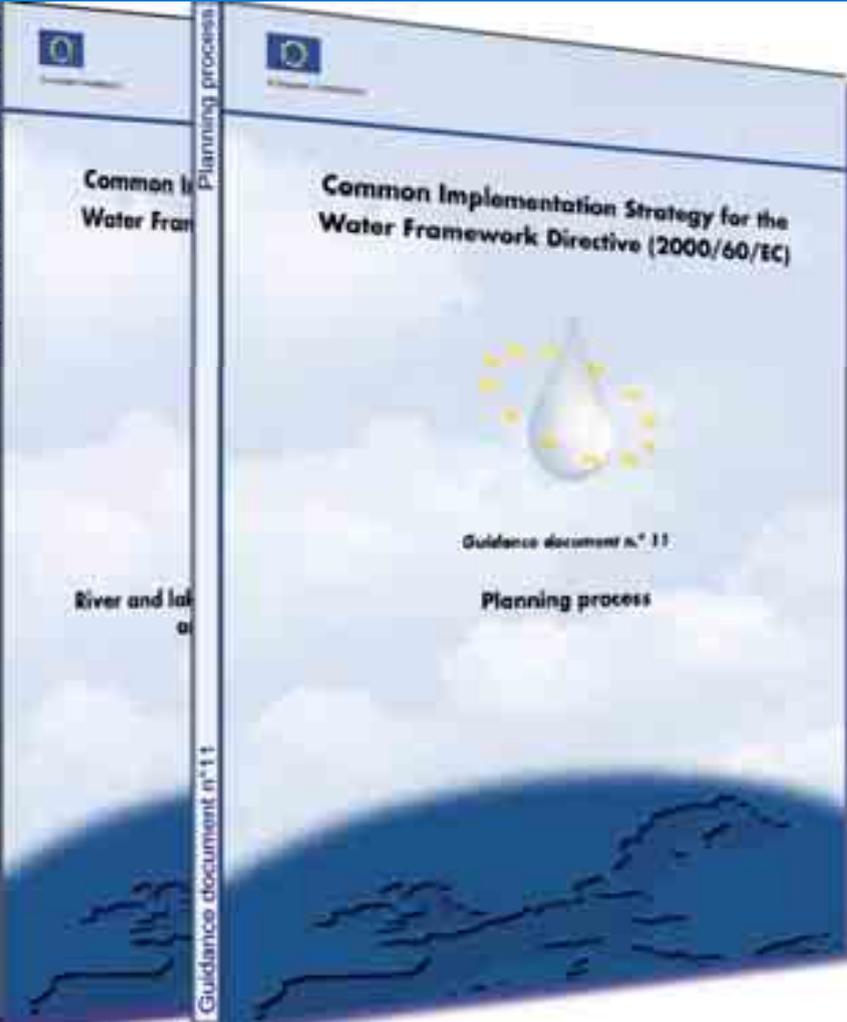


# CIS Achievements



- 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) Reporting**



Guidance document n°1	Economics and the environment The implementation challenge of the WFD
Guidance document n°2	Identification of Water Bodies
Guidance document n°3	Analysis of Pressures and Impacts
Guidance document n°4	Identification & Designation of Heavily Modified & Artificial Water Bodies
Guidance document n°5	Transitional and Coastal Waters
Guidance document n°6	Towards a guidance on establishment of the intercalibration network and the process on the intercalibration exercise
Guidance document n°7	Monitoring under the Water Framework Directive
Guidance document n°8	Public Participation in relation to the WFD
Guidance document n°9	Implementing the Geographical Information System Elements (GIS) of the Water Framework Directive
Guidance document n°10	River and lakes - Typology, reference, conditions
Guidance document n°11	

# CIS Achievements (cont'd)



- **Water Information System for Europe (WISE)**
- **River Basin Pilot Exercise –first summary report (final) second (in prep)**
- **Individual PRB reports-Odensee, Shannon, Jucar etc**
- **Newsletter**
- **CD ROM**
- **CIRCA**

# CIS–The Work Goes On



- **Further guidance on Inter-calibration.**
- **Further work on ecological assessment.**
- **Inter-calibration Network-Commission Decision.**
- **Guidance on Eutrophication.**
- **Guidance on River Basin Management Plans**
- **Guidance on Programmes of Measures.**
- **WFD and Agriculture**
- **WFD and Cohesion Policy**

# The Water Framework Directive and the Wider Dimension



- **Protection of the Marine Environment**
- **External Policy and Neighbourhood Policy**
- **The EU Water Initiative**
- **Agriculture Policy**
- **Cohesion Policy**
- **Transport policy**
- **Research policy**
- **Energy policy**

# WFD, CIS and INBO



- **WFD is a central piece of EU environmental policy with links to many other EU actions.**
- **The CIS is an extremely effective vehicle for supporting the implementation of the directive.**
- **The CIS has been running for over 4 years, it involves all Member States and all stakeholders.**
- **INBO might wish to inform the water directors of future actions to ensure coherence.**
- **INBO might wish to join the CIS process.**



## More information

### On water policy:

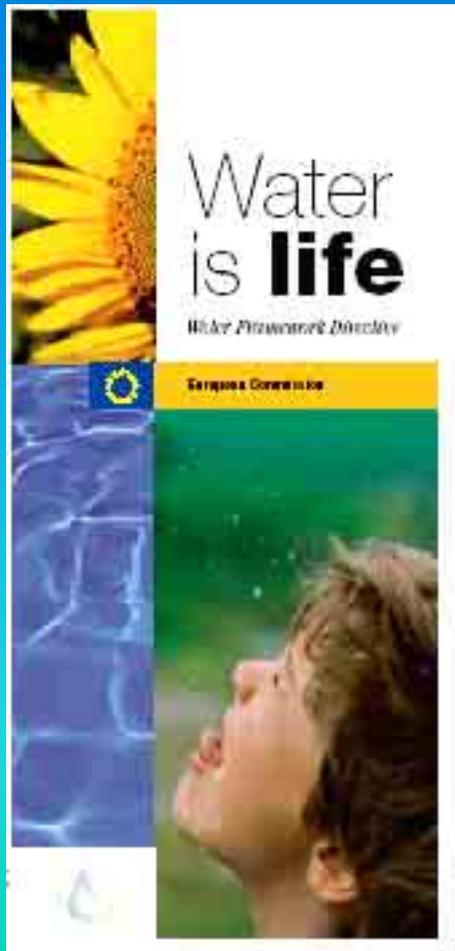
<http://www.europa.eu.int/comm/environment/water>

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

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

### Email:

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**Thank you for your attention**

