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**International  
Network  
Of Basin  
Organizations**

# **International Network of Basin Organizations**

## **European Group of Basin Organizations EUROPE-INBO**

### **East Aegean Basin Directorate**

**11th International Conference**

**“EUROPE-INBO 2013”**

**ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE**

**13-16 November 2013 - Plovdiv, Bulgaria.**



**Réseau International des Organismes de Bassin**  
**International Network of Basin Organizations**  
**Red Internacional de Organismos de Cuenca**

**Международная сеть водохозяйственных организаций,**

**uluslararası havza organizasyonları ağı**

**الشبكة الدولية لهيئات الأحواض**



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Jean-François DONZIER  
*Secrétaire Technique Permanent*  
Réseau International Organismes de Bassin

Mr. Jean - François DONZIER  
General Manager  
International Office for Water  
Permanent Technical Secretary

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**UN TRES GRAND MERCI  
A NOS AMIS BULGARES  
POUR LEUR MERVEILLEUX  
ACCUEIL !!**

**\***

**THANKS  
TO OUR BULGARIAN GUESTS  
FOR THEIR MARVELOUS  
WELCOME!!**



# INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

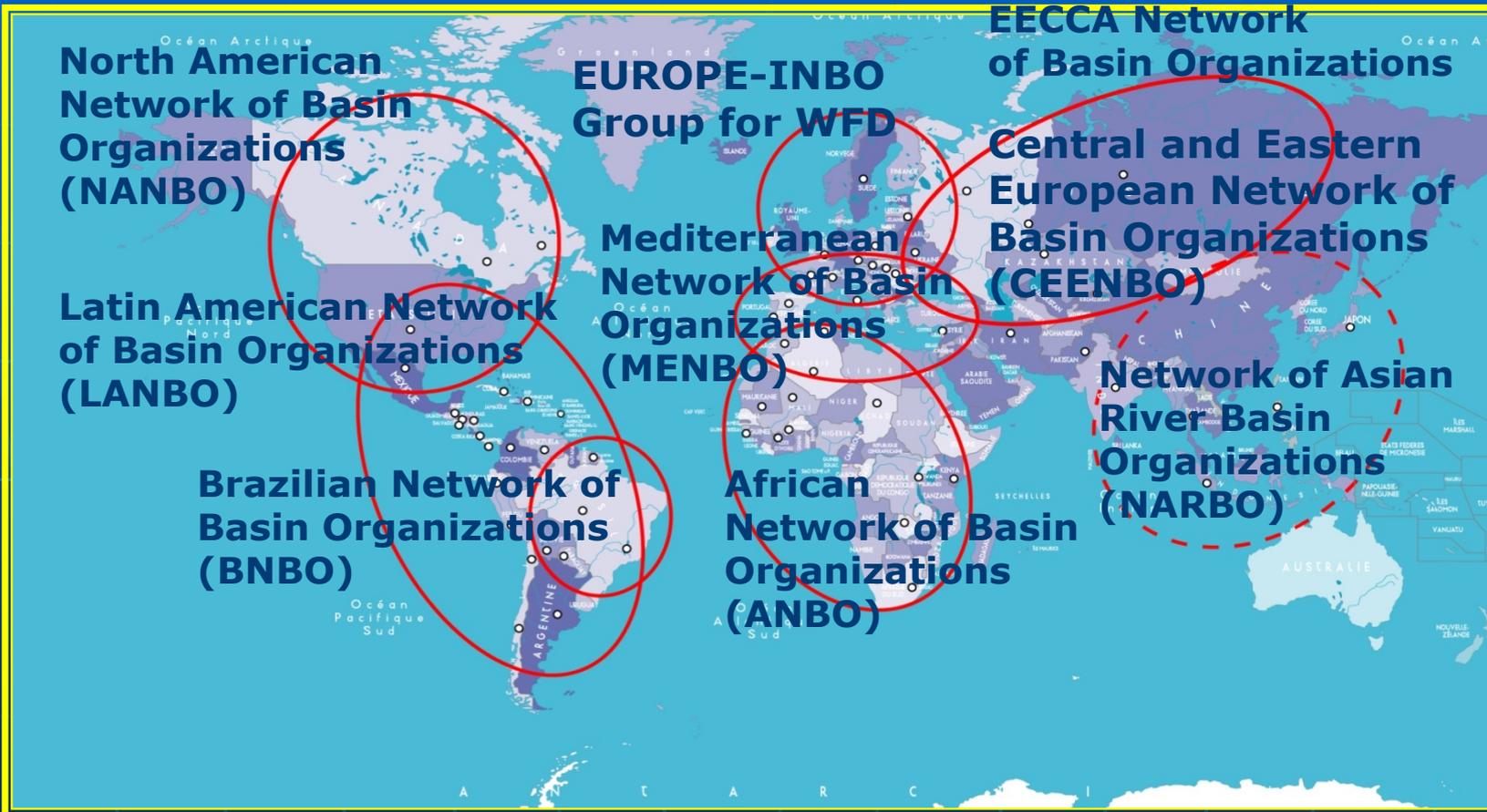
Created in 1994 to facilitate operational exchanges between BO



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Permanent  
Technical  
Secretariat  
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## INBO's REGIONAL NETWORKS



192 FULL MEMBERS or PERMANENT OBSERVERS  
in 71 COUNTRIES



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**Implementation of**  
**the European Water Framework Directive**  
**in the 28 countries**

**of the enlarged European Union,**

**as well as in the candidate countries for accession,**  
**is a major milestone for promoting the principles**  
**of good governance advocated by INBO.**

**Directive 2000/60/EC of 23 October 2000**

*establishing a framework for the Community action in the field of water policy.*





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All the river basins in Europe are concerned:



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# In Europe a majority of basins being transboundary ones!



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**HUGE WORK IS STILL NEEDED:  
MANAGEMENT PLANS OF INTERNATIONAL RIVER BASIN DISTRICTS  
STILL TOO OFTEN LOOK LIKE A PATCHWORK OF NATIONAL ELEMENTS**



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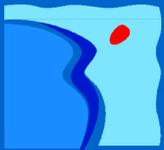
# The European Water Framework Directive



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## VERY AMBITIOUS CHALLENGES:

- PREVENTING THE DETERIORATION OF WATER RESOURCES,
- REDUCING THE EMISSIONS OF SUBSTANCES,
- ACHIEVING A "GOOD STATUS" FOR WATER AND AQUATIC ENVIRONMENTS.



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## ■ **Directives:**

- **Water Framework Directive**
- **Groundwater Directive**
- **Directive on Environmental Quality Standards (EQS)**
- **Urban Waste Water Directive**
- **Nitrates Directive**
- **Floods Directive**

## ■ **+ quantitative and adaptive water management issues:**

- **Communication on Water Scarcity and Drought**
- **Policy paper accompanying the White Paper on Adapting to Climate change on Water, Coasts and Marine Issues.**



# the « EUROPE INBO » Group



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Uluslararası  
Su Ofisi  
PARIS-FRANSA

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Uluslararası Havza  
Organizasyonu Ađý

**Due to the significance of the stakes and the task to be carried out, many Basin Organizations, (INBO members or observers), have expressed the idea of regular meetings among them:**

- ❖ **for exchanging on difficulties encountered, results or very operational and concrete experiences accumulated in the field**
- ❖ **for strengthening the common strategy for an operational implementation of the Water Framework Directive (WFD).**

*INTERNATIONAL SEMINAR  
VALENCIA (SPAIN) 11 / 12 NOVEMBER 2003*



MINISTERIO  
DE MEDIO AMBIENTE

SECRETARÍA  
DE ESTADO  
DE AGUAS Y COSTAS

CONFEDERACIÓN  
HIDROGRÁFICA  
DEL JÚCAR



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**VATTENMYNDIGHETERNA**  
The Swedish River Basin District Authorities



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# Stockholm 2009





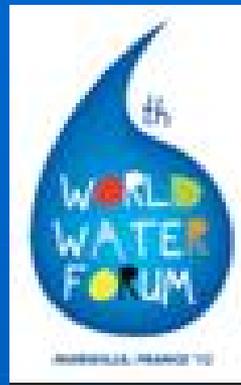
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**EURO RIOB - Megève**  
**Septembre 2010**



# 4 – Euro-Mediterranean countries Porto, 27-30 September 2011



**EURO-RIOC –2011**



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# " EUROPE INBO 2012", A ISTANBUL

**17 - 19 OCTOBER 2012**



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**EURO-RIOB**  
EUROPE-INBO



**CEENBO**  
Central and Eastern European Network of Basin Organisations



**Сеть водохозяйственных организаций стран  
Восточной Европы, Кавказа и Центральной Азии**



**EURO INBO 2012**  
10th EUROPEAN CONFERENCE  
ON THE WATER FRAMEWORK DIRECTIVE IMPLEMENTATION  
17-19 OCTOBER 2012



**CEENBO**  
Central and Eastern European Network of Basin Organisations

**SUEN**  
Turkish Water Institute

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**La conférence porte sur les grands thèmes d'actualité  
de la mise en œuvre de la Directive – Cadre (DCE)  
dans les districts hydrographiques nationaux  
et transfrontaliers.**

**The meeting will focus on the major current topics  
on the implementation of the Framework Directive (WFD)  
in the National and Transboundary River Basin Districts.**



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Une des principales questions à aborder :  
Va-t-on pouvoir atteindre dans les délais prévus  
le bon état écologique des eaux  
et des écosystèmes aquatiques dans l'Union Européenne ?

**One of the key issues will be:  
“could we reach in the EU the good ecological statute  
of water and aquatic ecosystems in due time?”**



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# Improve Implementation



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- *Improving the implementation of current EU water policy;*
- *Fostering the integration of water and other policies;*
- *Seeking the completion of the current policy framework*



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# Improve Implementation

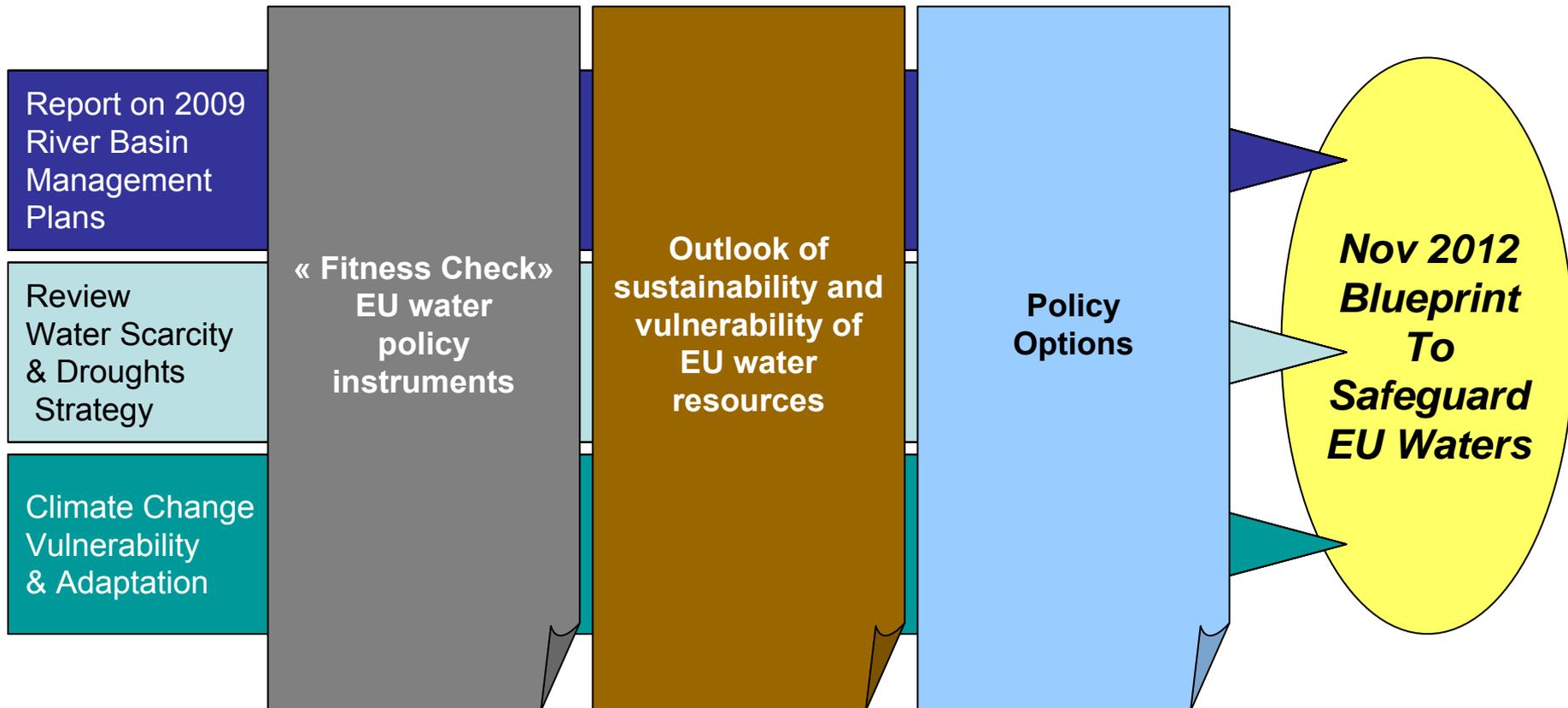


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- Address problems identified in:
  - Fitness Check
  - Assessment River Basin Management Plans
  - Review Water Scarcity and Droughts Policy

# Synthesis of policy recommendations building on on-going assessments

## Impact Assessment



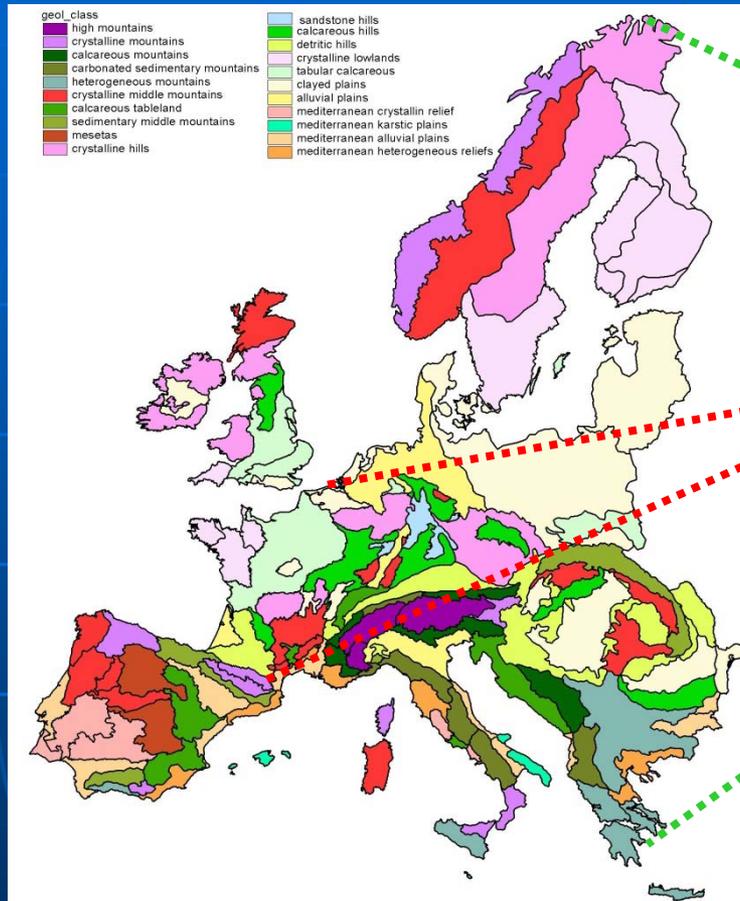


# Integrated information and monitoring systems



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- Integrated information and monitoring systems which are reliable, representative, harmonized and easily accessible, and specific research should be organized in each basin,



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# Most important issues



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- Improvements in **implementation** of EU water policy are required
- Need for tackling the problems of **water scarcity and droughts**
- **Ecosystem services** not systematically addressed within water policy,
- More **coherence** needed with the **CAP, regional, renewable energy and transport policies**
- Potential to enhance coherence with Chemical, pesticides, pharmaceuticals policies on issues such as **risk assessment methods.**
- Improved analysis of the **costs and benefits** of water protection measures is needed



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As everything is linked in each Water Body,  
for a real implémentation of the WFD,

**it's important to take into account:**



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- not only the problems of quality of water and the environments,
- **BUT**, all the aspects of water management and their impacts,
- **AND**, in particular, obvious interfaces with navigation, energy production, agriculture, the prevention and protection against floods and droughts...



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# **FLOOD CONTROL: FORECAST, PREVENTION, PROTECTION**

- **Foreseeing hazardous events,**
- **Reducing vulnerabilities,**
- **Protecting people and properties,**
- **Warning and educating.**



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## WITH REGARD TO DROUGHTS:



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- WATER SAVING,
- AVOIDING WASTAGES,
- LEAK DETECTION,
- RECYCLING,
- THE REUSE OF TREATED WASTE WATER,
- GROUNDWATER RECHARGE,
- THE DESALINATION OF SEA WATER,
- RESEARCH ON LOW-CONSUMPTION USES...

**... MUST BECOME PRIORITIES.**

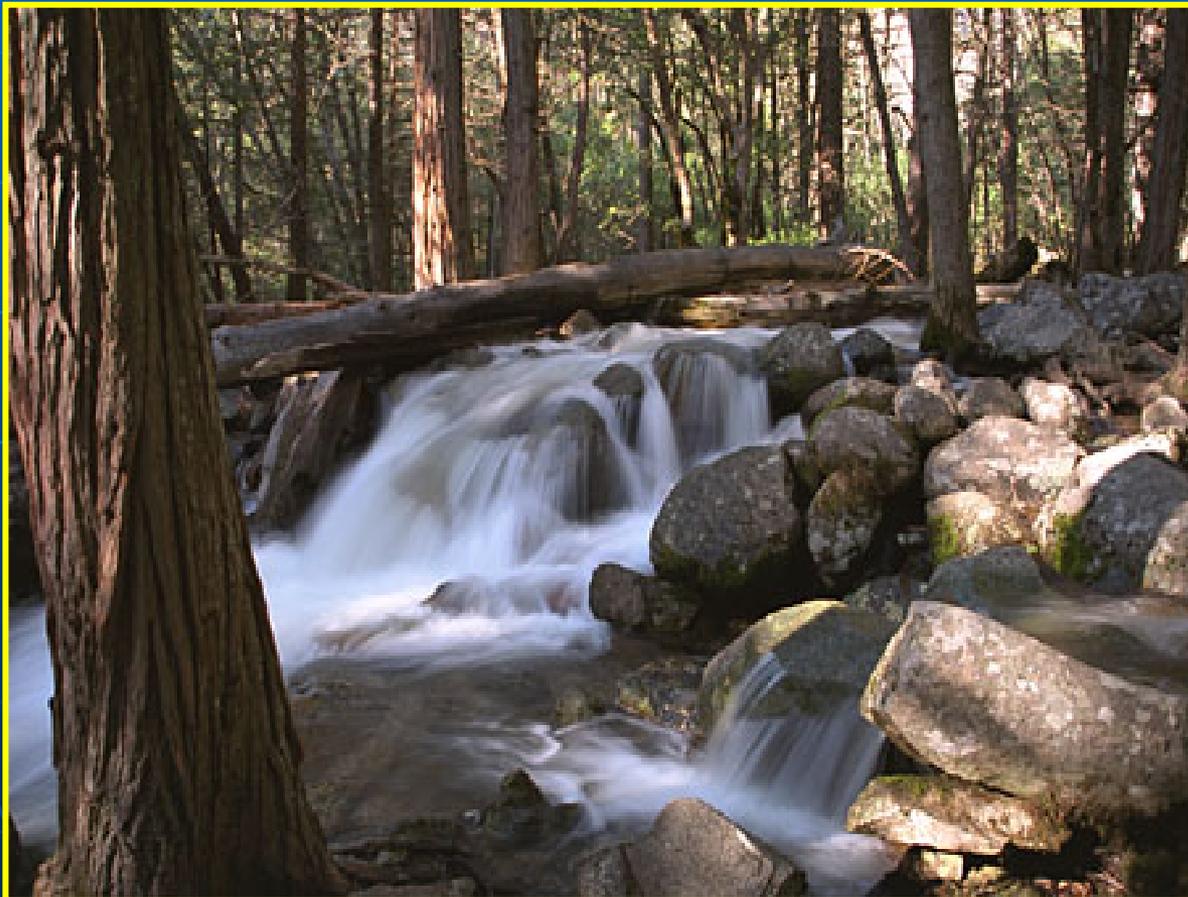


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**AS THE RESTORATION OF AQUATIC ENVIRONMENTS  
IS OF PRIME IMPORTANCE  
FOR ACHIEVING GOOD STATUS,  
THE MEANS DEVOTED TO WETLANDS  
AND HYDROMORPHOLOGY MUST BE INCREASED.**



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# TRANSPARENCY OF COSTS AND POLLUTER-PAYS PRINCIPLE:



Costs	Definition	Example
Direct cost	Capital costs	<i>Principal and interest, depreciation</i>
	Operating costs	<i>Wages, electricity, maintenance of equipment, analyses of the quality of water...</i>
Environmental cost	Costs of the damages to the environment caused by a given activity	<i>Contamination of an aquifer, destruction of wetlands...</i>
Resource cost	Value of the alternative foregone by choosing a particular activity (= opportunity costs)	<i>Cost of electricity that could have been produced if water would be available instead of being pumped for irrigation</i>

Sum = full cost



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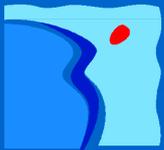
# Strategic Coordination Group CIS priorities :



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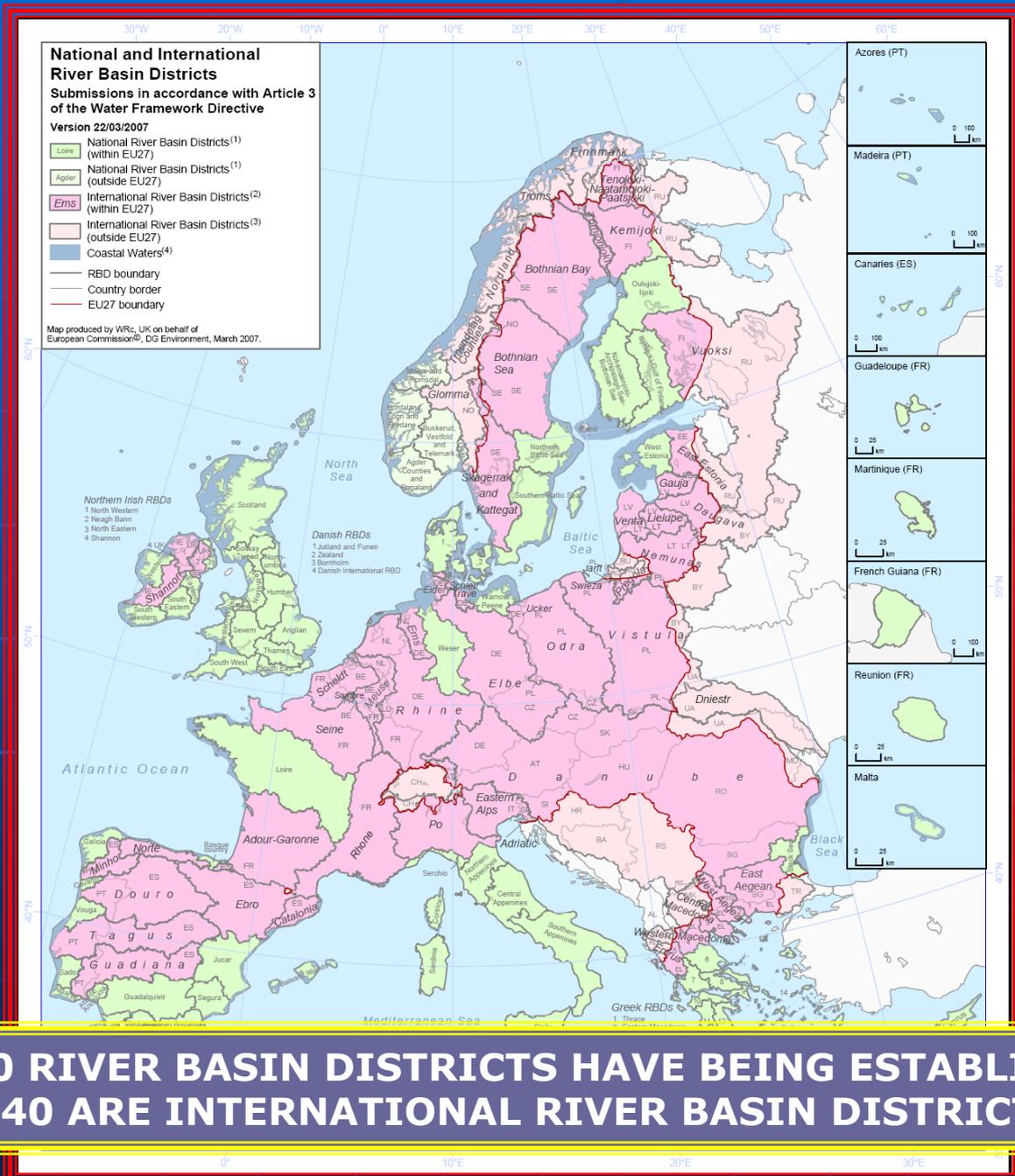
- Climate Change
- Droughts and Floods
- Intercalibration exercise
- WFD and agriculture
- Hydromorphology (hydropower and navigation)
- New Pilot River Basin exercise
- Reporting and WISE
- Priority substances / Chemical monitoring
- Cost effectiveness





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**110 RIVER BASIN DISTRICTS HAVE BEEN ESTABLISHED  
40 ARE INTERNATIONAL RIVER BASIN DISTRICTS**



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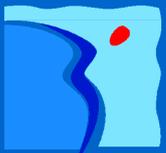


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## Promoting Twinning between Basins Organizations for Developing Integrated Water Resources Management best Practices

- | Direct experiences sharing,**
- | Exchange of decision-makers and technicians....**
- | “Peers to peers review”.**





**iwrm-net**

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# 11<sup>th</sup> International Conference "Europe-INBO 2013" Plovdiv - Bulgaria - 13 - 16 November

## Implementation of the European Water Framework Directive

- **Wednesday 13 November** 10:00 **Workshop on monitoring programs (the whole day).**
- **Thursday 14 November** 09:30 **Official opening ceremony.**  
10:00 **Message from DG Environment - European Commission.**  
10:45 **Presentation of the Bulgarian water policy and institutions.**  
11:45 **Objectives and actions of "Europe-INBO" Group of European Basin Organizations.**  
14:30 **Roundtable 1:** Feedback from the 1<sup>st</sup> Management Plans implementation (2010 - 2015); Preparation of 2<sup>nd</sup> Management Plans (2016 - 2021); Better coherence between the level of impacts and the Programmes of Measures; Integration of water quantity issues (resource allocation, drought and flood management); Adaptation to climate change; Better integration with other EU directives (Flood and Marine Strategy) and with other sectorial policies (agriculture, energy/hydropower, navigation...); Better involvement of field water stakeholders, ...  
16:45 **Roundtable 2:** Funding of the Programmes of Measures; Access to funds and particularly to EU Structural Funds; Economic analysis for determining the most cost-effective combination of measures; Value of ecological services; Principle of cost recovery, ...
- **Friday 15 November** 09:00 **Roundtable 3:** New approaches of River Restoration; Natural Water Retention Measures; Ecological flows; Ecological focus areas; Reducing Agriculture's impact on water (buffer strips, changes in agricultural practices), ...  
11:00 **Roundtable 4:** Water governance in transboundary basins: WFD International Districts; Role and means of International Commissions; Bi and Multilateral Agreements and Conventions, ...  
14:15 **Roundtable 5:** Implementation of WFD principles and tools in EU Neighbouring Countries: Experiences in EECCA and Mediterranean Partner Countries.  
16:45 **General synthesis, recommendations and conclusions.**  
17:15 **Closing ceremony.**
- **Saturday 16 November** 09:00 **Technical visit.**

To participate,  
Please register!

[www.inbo-news.org](http://www.inbo-news.org)





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**1st Drafting  
of the Plovdiv Europe-INBO Declaration:**

**1er brouillon  
de la déclaration Euro-RIOB de Plovdiv:**



**THANK YOU FOR YOUR ATTENTION!**  
**MERCI DE VOTRE ATTENTION!**

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