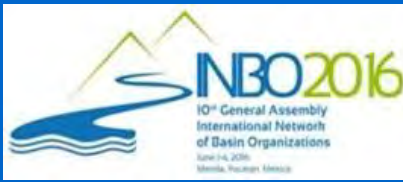




**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**



**RESEAU INTERNATIONAL DES ORGANISMES DE BASSIN
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS**

RED INTERNACIONAL DE ORGANISMOS DE CUENCA

REDE INTERNACIONAL DE ORGANISMOS DE BACIA

Международная сеть водохозяйственных организаций

لشبكة دولية لآل حواض

流域组织国际网



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

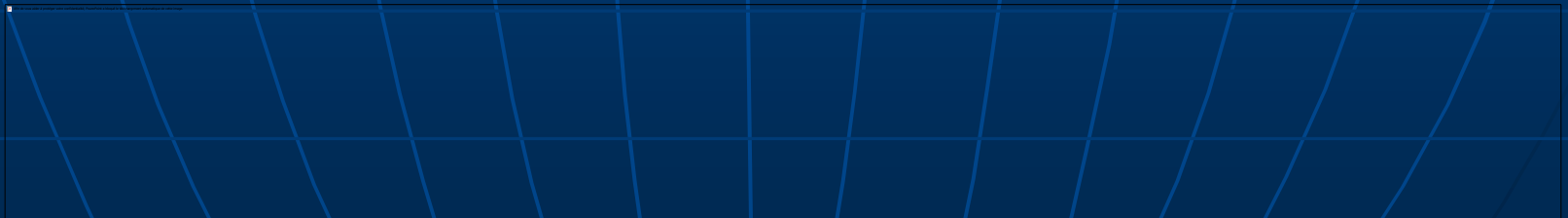
**International Network of Basin Organizations
European Group of Basin Organizations EUROPE-INBO**

14th International Conference

“EUROPE-INBO 2016”

ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE

Lourdes, France 19 – 22 October 2016.





INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

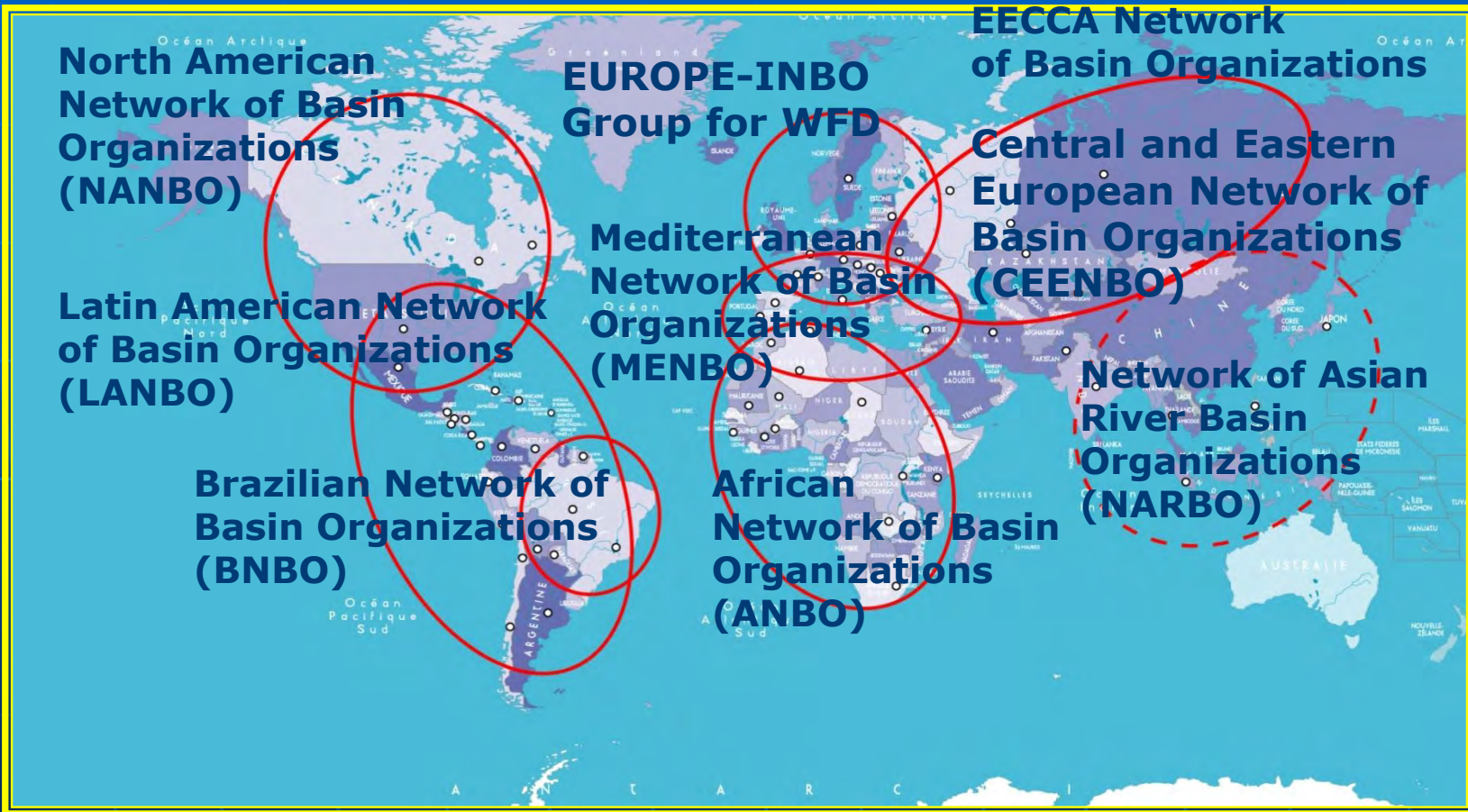
Created in 1994 to facilitate operational exchanges between BO



International Network Of Basin Organizations

Permanent Technical Secretariat
PARIS-FRANCE

INBO's REGIONAL NETWORKS



192 FULL MEMBERS or PERMANENT OBSERVERS
in 88 COUNTRIES



International
Office
For Water
PARIS-FRANCE

14th International Conference “EUROPE-INBO 2016”

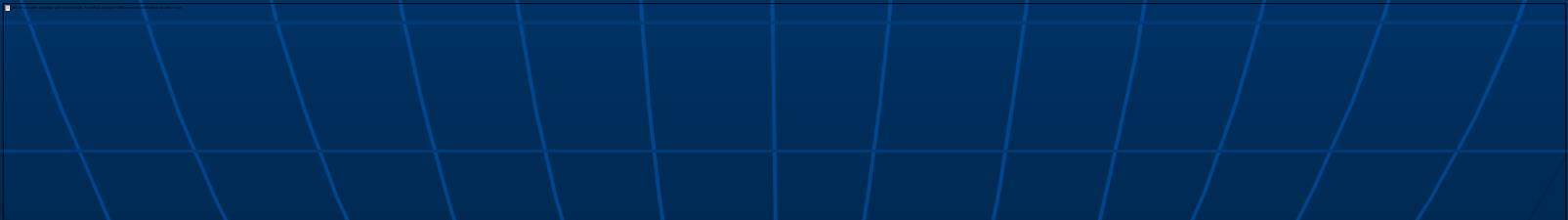


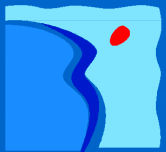
International
Network
Of Basin
Organizations

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

*

**UN GRAND MERCI
A NOS AMIS FRANCAIS
POUR LEUR MERVEILLEUX ACCUEIL**





**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

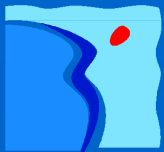
**Implementation of
the European Water Framework Directive
in the 28 countries**

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.



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

**In the European Union, for the first time in the World,
28 EU countries + 2 adopted
The same basin oriented approach!**

■ **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



International
Network
Of Basin
Organizations

International
Office
For Water
PARIS-FRANCE



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



**International
Office
For Water
PARIS-FRANCE**

VATTENMYNDIGHETERNA
The Swedish River Basin District Authorities



**International
Network
Of Basin
Organizations**



Stockholm 2009





International
Network
Of Basin
Organizations



EURO RIOB - Megève Septembre 2010



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



EURO-RIOC –2011



**International
Office
For Water
PARIS-FRANCE**

" EUROPE INBO 2012", A ISTANBUL

17 - 19 OCTOBER 2012



**International
Network
Of Basin
Organizations**

EURO-INBO
EUROPE-INBO



CEENBO
Central and Eastern European Network of Basin Organisations



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





International Network Of Basin Organizations

International Office For Water PARIS-FRANCE

European Group of Basin Organizations EUROPE-INBO



"EUROPE-INBO 2013"



13-16 November 2013 - Plovdiv, Bulgaria.



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

12th International Conference "EUROPE-INBO 2014"



**13-15 November 2014
Bucharest, Romania**



21-24 October 2015
Thessaloniki , Greece



In
Of
Fo
PA

al
rk
in
ns

**La 13ème Conférence "EURO-RIOB 2015"
POUR L'APPLICATION DES DIRECTIVES EUROPEENNES SUR L'EAU**

**13th International Conference "EUROPE-INBO 2015"
FOR THE IMPLEMENTATION OF THE EUROPEAN WATER DIRECTIVES**



14th International Conference "Europe-INBO 2016" Lourdes - France - 19 - 22 October 2016

Implementation of the European Water Directives

➤ **Tuesday 18 October**

➤ **Wednesday 19 October**



14:00 Pre-event: - "Peer-Review" Mechanism project: Workshop on the Programs of Measures (1/2).
09:30 Pre-events: - "Peer-Review" Mechanism project: Workshop on the Programs of Measures (2/2).
12:00 **Free lunch.**
13:00 Pre-event: - "SAID" project : Smart water management.
13:00 **Workshop on "Circular Economy and Wastewater Reuse".**
16:00 **MENBO Liaison Bureau.**
17:00 **INBO World Liaison Bureau.**

➤ **Thursday 20 October**



20:00 **Dinner.**
09:00 **Official opening ceremony of the Conference.**
10:00 **Message of the DG Environment.**
10:15 **Presentation of the French Water Governance.**
11:15 **Objectives and Actions of "Europe-INBO" Group of European Basin Organizations.**
12:15 **Lunch.**
13:00 "EDgE" project: satellite data to assess climate change impact.
14:00 **Roundtable 1: WFD: towards the 2019 review.**
16:00 **Roundtable 2: Water Governance in Transboundary Basins.**

➤ **Friday 21 October**



20:00 **Dinner.**
09:00 **Roundtable 3: Adaptation to Climate Change: resources management, scarcity and drought.**
11:00 **Roundtable 4: Adaptation to Climate Change: Knowledge of flood risks, management of aquatic environments and preventive measures in the basins**

13:00 **Lunch.**
14:00 **Workshop: - "Climate-ADAPT" project: capacity building of EU Member States.**
15:00 **International and Regional Initiatives.**
Status of the "Peer-Review" Mechanism.
Objectives of the 2016 Budapest Water Summit.
Preparation of COP22 and follow-up of the "Paris Pact" on Water.
16:30 **Approval of the Lourdes Declaration and official closing Ceremony.**

➤ **Saturday 22 October**

20:00 **Dinner.**
- **Technical visit in the Valleys of the Gaves (torrents) upstream from Lourdes.**



Lourdes
L'INSPIRATRICE

**To participate,
Please register!**

www.inbo-news.org



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

La conférence porte sur les grands thèmes d'actualité de la mise en œuvre des Directives européennes 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.

**14th International Conference
"EUROPE-INBO 2016"
ON THE IMPLEMENTATION OF THE
EUROPEAN WATER DIRECTIVES
19-22 October 2016 - Lourdes**



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

1st Drafting of the LOURDES Europe-INBO Declaration:

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



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

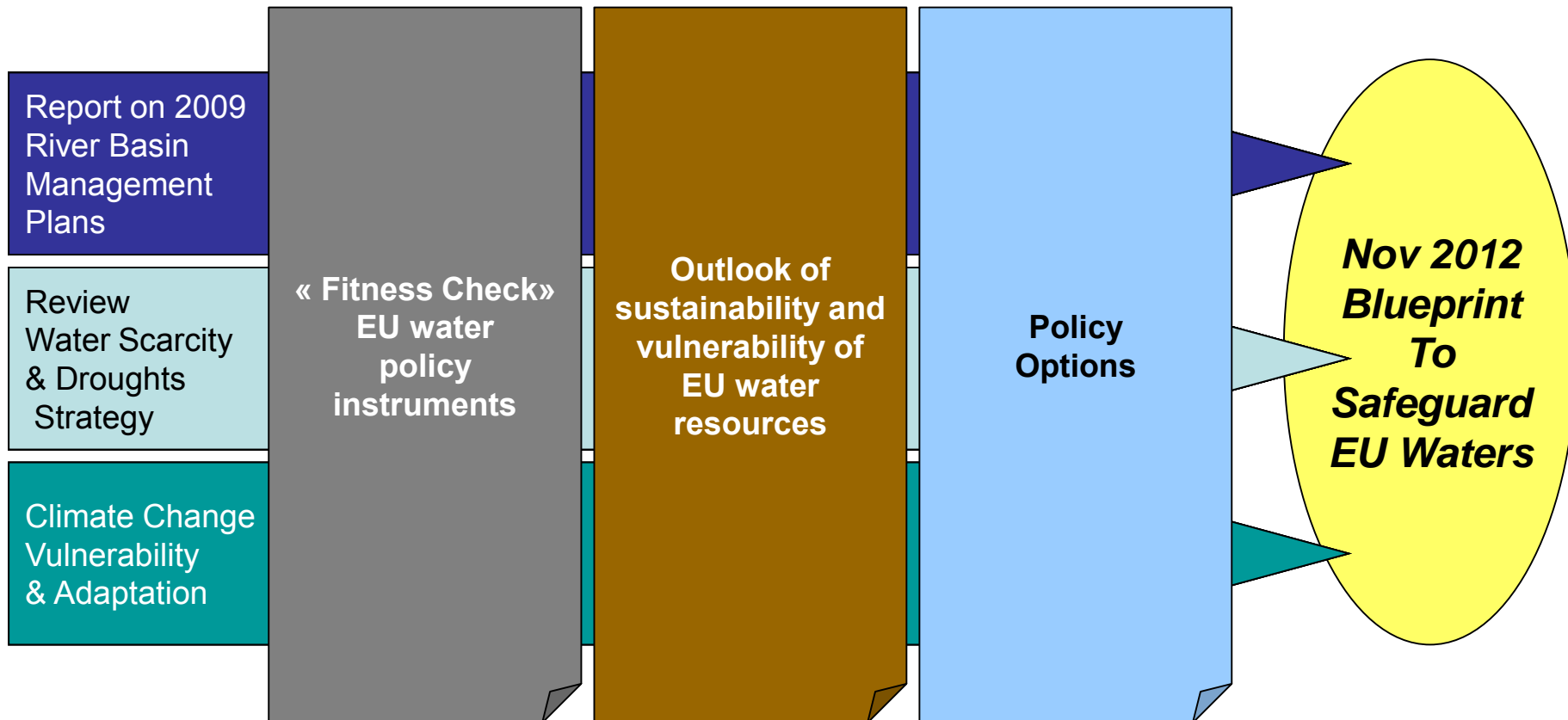
**Confirmation of the choice
to host the next "EUROPE – INBO" conference:**

- Ireland – Dublin in 2017.**
- ????? in 2018**



Synthesis of policy recommendations building on on-going assessments

Impact Assessment





Assessment of RBMPs identified...

- **Hydromorphological alteration and diffuse pollution**
are the most significant issues
leading to massive failure in WB status.
- **Measures implemented until now have been insufficient.**
- **The main causes** of negative impacts on water status
are interlinked with climate change, land use,
economic activities, agriculture, tourism, urban development
and demographic growth.....

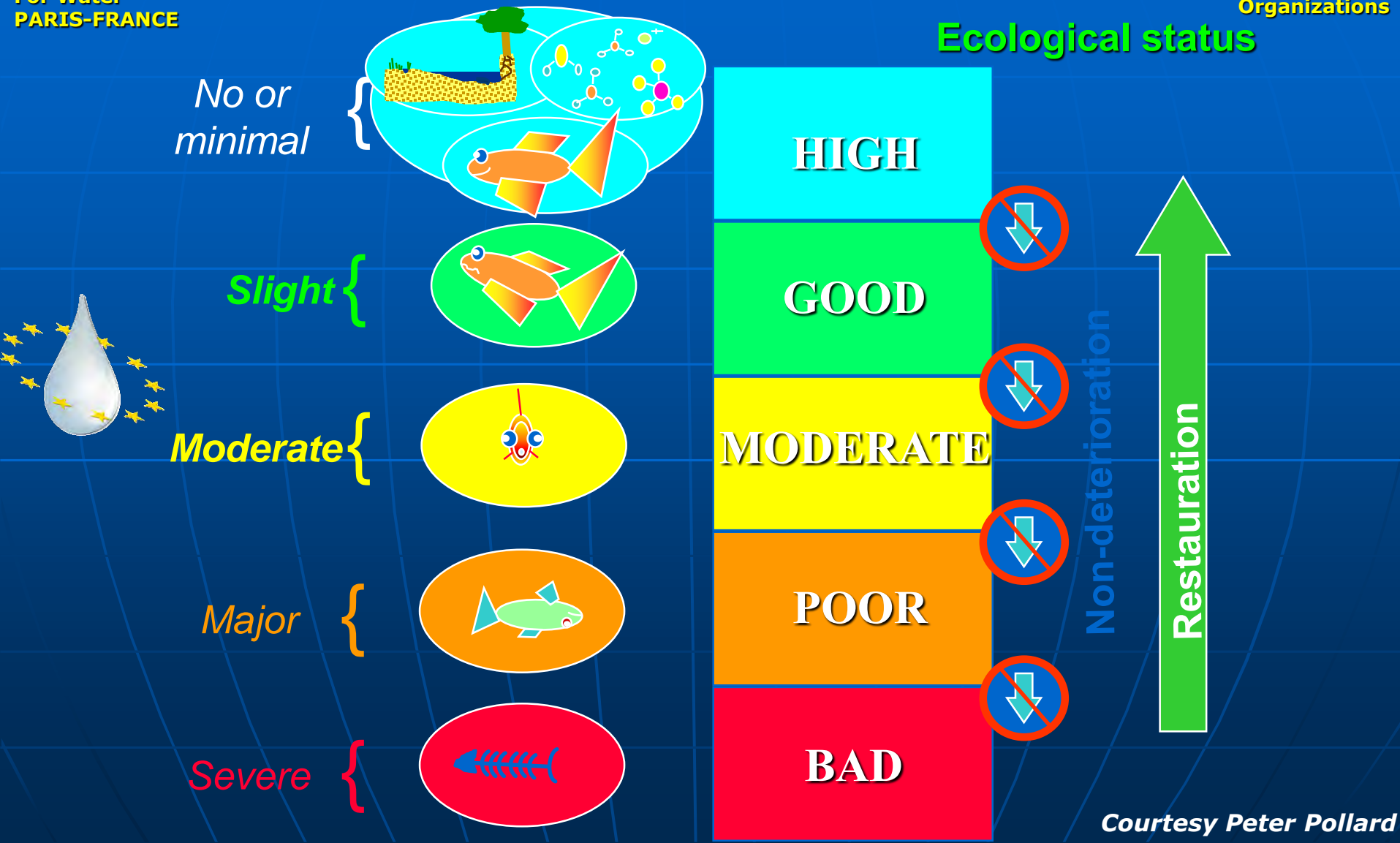


International
Office
For Water
PARIS-FRANCE

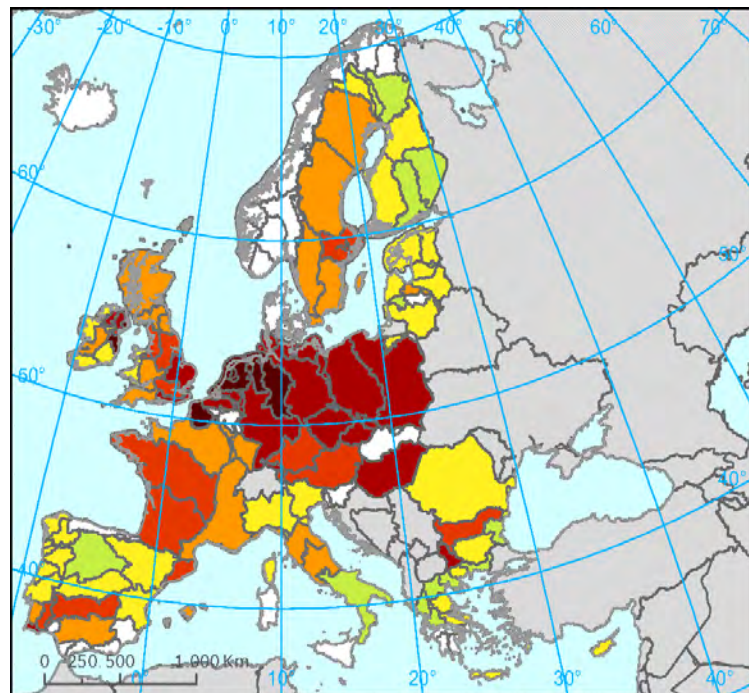
A SIGNIFICANT PERCENTAGE OF WATER BODIES DID NOT REACH "GOOD STATUS" IN 2015.



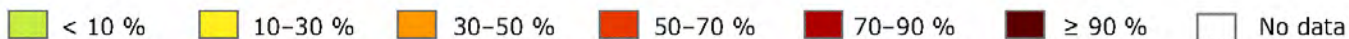
International
Network
Of Basin
Organizations



Percentage of water bodies affected by hydromorphological pressures



Percent of classified water bodies affected by hydromorphological pressures





**International
Office
For Water
PARIS-FRANCE**

Improve Implementation more than create new regulations



**International
Network
Of Basin
Organizations**

- ***Improving the implementation of current EU water policy;***
- ***Fostering the integration of water and other policies;***
- ***But also preparing the WFD REVIEW for 2019***



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

Une des principales questions à aborder aujourd'hui:
Quand et par quels moyens va-t-on pouvoir atteindre
le bon état écologique des eaux
et des écosystèmes aquatiques dans l'Union Européenne ?

One of the key issues is now:

When and with that means will it be possible
to reach in the EU the « Good Statute » of our fresh waters
and aquatic ecosystems?

Quels sont les enjeux principaux?

What are the main challenges?

What are the difficulties and a realistic agenda?

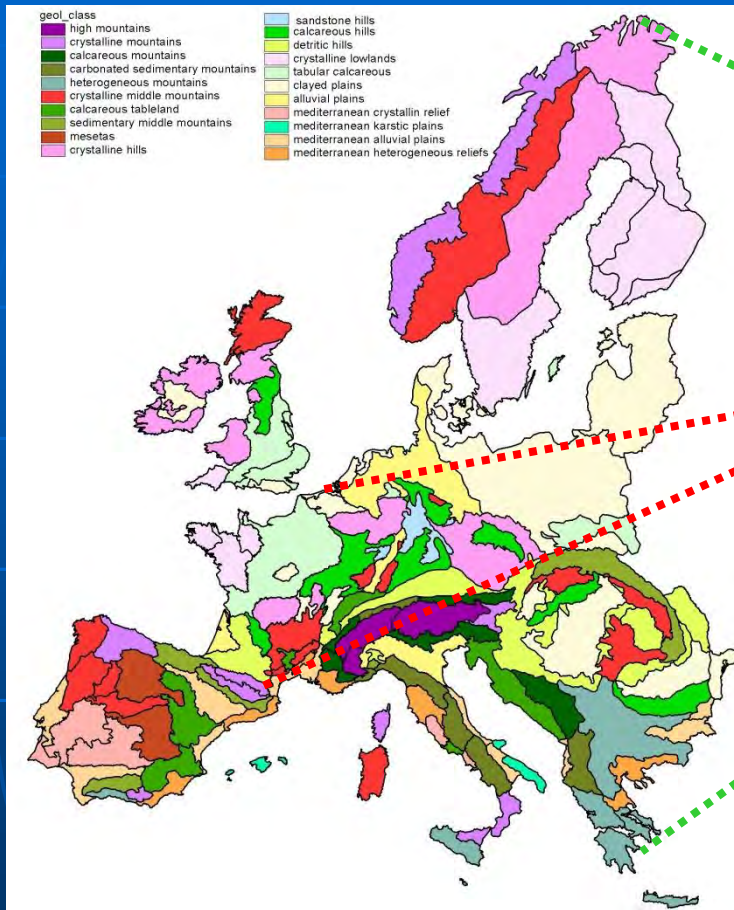


Strengthening Water Information Systems In each Member- States



International
Network
Of Basin
Organizations

International
Office
For Water
PARIS-FRANCE



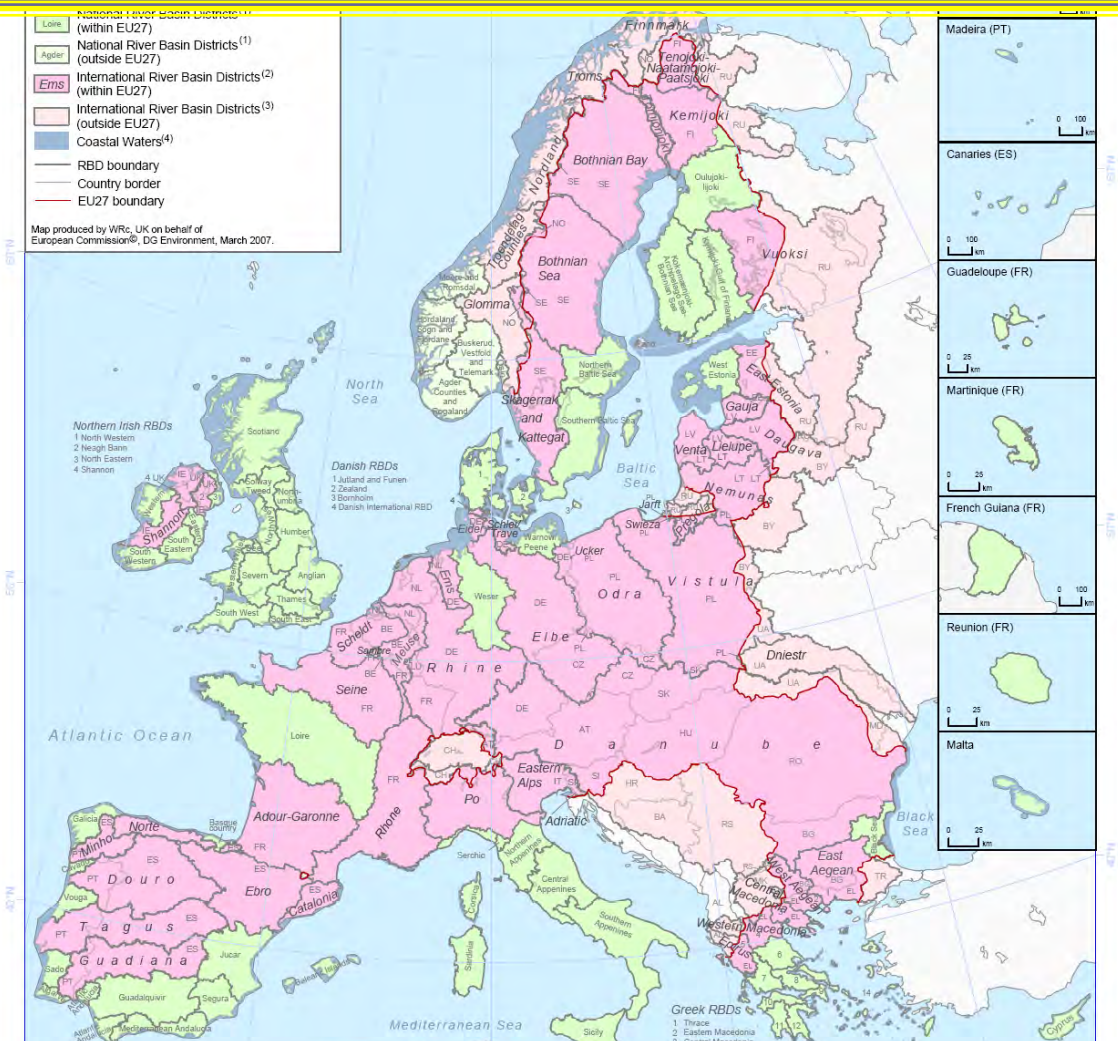
- Integrated information and monitoring systems which are reliable, representative, harmonized and easily accessible, and specific research should be organized in each basin,

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



International
Network
Of Basin
Organizations

International
Office
For Water
PARIS-FRANCE



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



**International
Office
For Water
PARIS-FRANCE**

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



**International
Network
Of Basin
Organizations**





**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**



WE MAY CALL FOR A TRUE MOBILIZATION CONCERNING AGRICULTURE:

**IT WILL BE VERY DIFFICULT TO OBTAIN POSITIVE RESULTS
ON THE QUALITY OF WATER AND ECOSYSTEMS,
AND EVEN IN 2021, or 2027 ...
WITHOUT NEW AMBITIOUS MEASURES
WITHIN THE COMMON AGRICULTURE POLICY!**



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

HOW CAN WE APPLY THE « RENEWABLE ENERGY » DIRECTIVE AND THE “WFD” AT THE SAME TIME?



UNE OBLIGATION DE RESULTAT OBLIGATION OF RESULTS



International
Office
For Water
PARIS-FRANCE



International
Network
Of Basin
Organizations

Directive
énergies renouvelables,

Réseau transeuropéen de
navigation fluviale

Directive milieu marin,

adaptation
au changement climatique

Directive inondations

prévention
des sécheresses,

BON
ETAT

Directive - Cadre,

Réforme de la PAC,

Mettre en cohérence le « millefeuilles » des textes communautaires !
Improve coherency between various European policies 😊 😊



International
Office
For Water
PARIS-FRANCE

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



International
Network
Of Basin
Organizations

it's important to take into account:

- **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...



**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

THE EUROPEAN UNION'S FLOODS DIRECTIVE PLANS A NEW APPROACH PASSING THROUGH:

- A PRELIMINARY FLOOD RISK ASSESSMENT**
- THE SELECTION OF AREAS WITH SIGNIFICANT POTENTIAL FLOOD RISK,**
- HAZARD AND RISK MAPPING OF THESE AREAS,**
- APPROVAL OF FLOOD RISK MANAGEMENT PLANS ,**
- AND OF THEIR PROGRAMMES OF MEASURES BY DECEMBER 2015.**

**IN THE TRANSBOUNDARY BASINS IN PARTICULAR,
COOPERATION BETWEEN RIPARIAN STATES SHOULD BE PROMOTED
FOR JOINTLY LOOKING FOR COORDINATED SOLUTIONS
AND FOR SHARING INFORMATION AND RESPONSIBILITIES..**



International
Office
For Water
PARIS-FRANCE

WITH REGARD TO DROUGHTS:

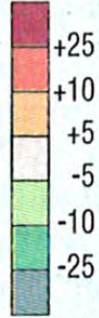


International
Network
Of Basin
Organizations

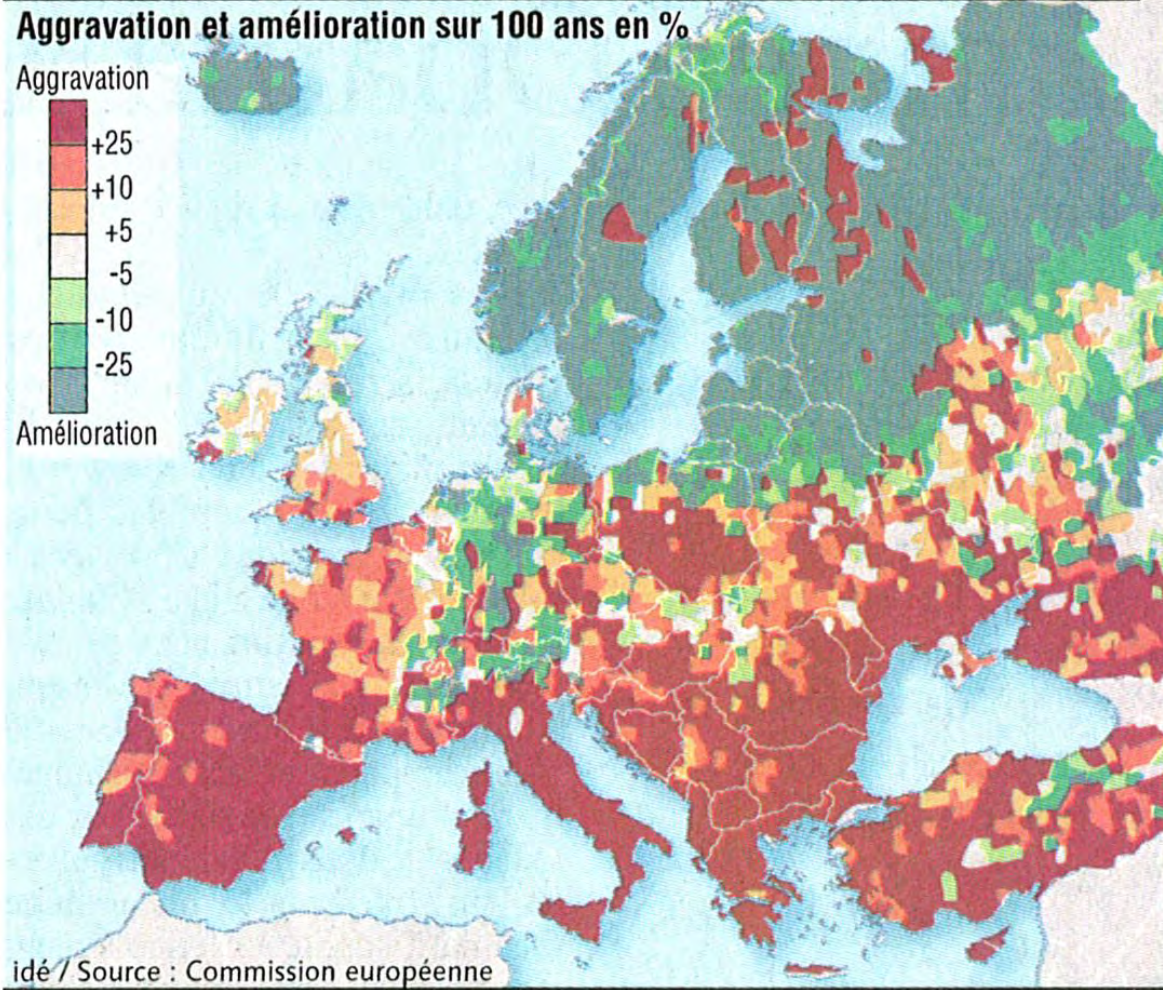
L'évolution des sécheresses en Europe (de 1970 à 2070)

Aggravation et amélioration sur 100 ans en %

Aggravation



Amélioration



idé / Source : Commission européenne



**International
Office
For Water
PARIS-FRANCE**

WITH REGARD TO DROUGHTS:



**International
Network
Of Basin
Organizations**

- **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,**
- **NATURAL WATER RETENTION MEASURES...**

... MUST BECOME PRIORITIES.



**IF WE ARE NOT ABLE TO MOBILIZE ENOUGH MONEY,
WE SHALL NOT HAVE THE FRESH WATER WE NEED!**

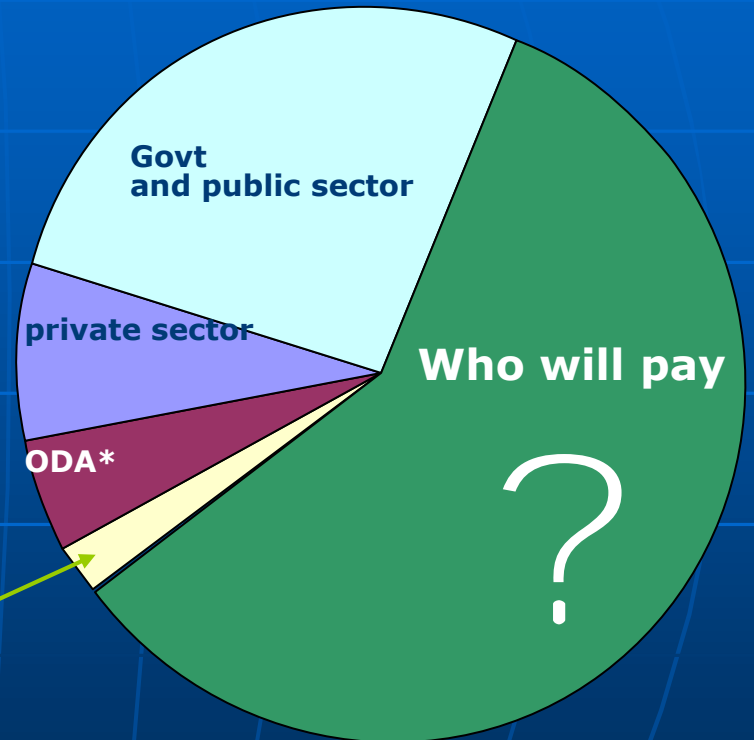
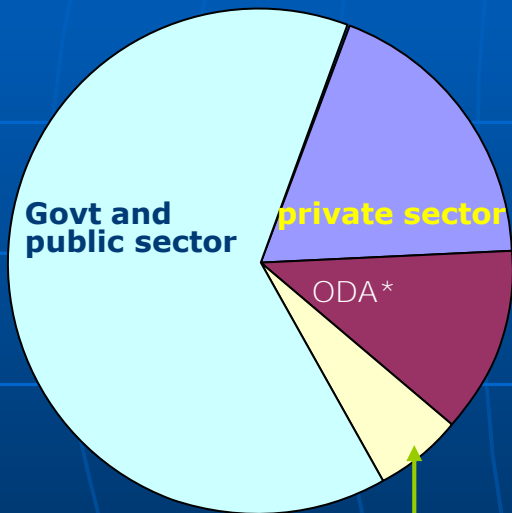


**International
Network
Of Basin
Organizations**

**International
Office
For Water
PARIS-FRANCE**

FOR THE NEXT 16 YEARS

NOW



International firms

* Official Development Assistance

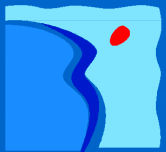


TRANSPARENCY OF COSTS AND POLLUTER-PAYS PRINCIPLE:



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 -

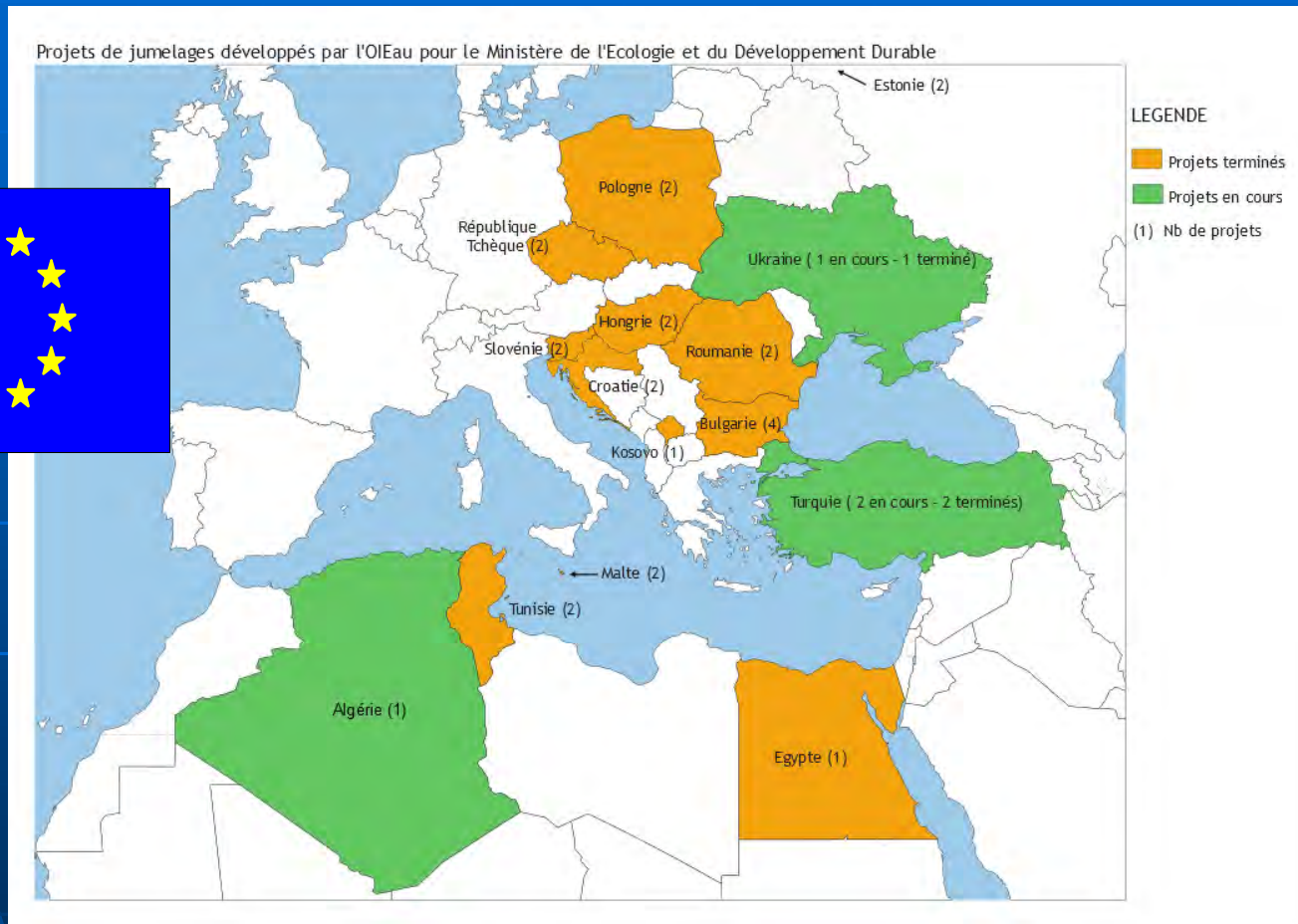
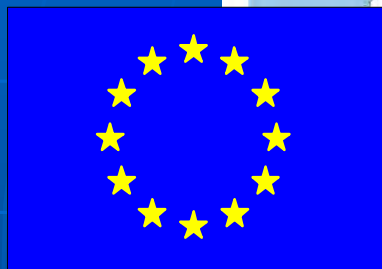


International
Office
For Water
PARIS-FRANCE

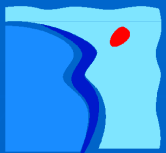
European Twinnings with the new MS and neighbour Countries



International
Network
Of Basin
Organizations



- Depuis 1999, 30 projets de jumelage dans le secteur de l'eau, dont 15 sur la DCE, le dernier en cours au Maroc....



iwrm-net



**International
Network
Of Basin
Organizations**

**International
Office
For Water
PARIS-FRANCE**



SPI-Water





Natural Water Retention Measures



Web-based knowledge
Community of practice
NWRM practical guide



**Pilot Project - Atmospheric Precipitation -
Protection and efficient use of Fresh Water:
Integration of Natural Water Retention
Measures in River basin management**
Service contract n°07.0330/2013/659147/SER/ENV.C1

The NWRM project Key elements

OIEau, Coordination team



“THE PEER REVIEW MECHANISM”

For mobilizing the practitioners of RBDs and their competent authorities which will voluntarily submit RBMPs to the review performed by experts from other similar authorities of other EU Countries





EUROPEAN UNION WATER INITIATIVE PLUS FOR THE EASTERN PARTNERSHIP



PARTNERS

EASTERN PARTNERSHIP (EaP) COUNTRIES:



BELARUS



MOLDOVA



UKRAINE



ARMENIA



AZERBAIJAN



GEORGIA

EU MEMBER STATES CONSORTIUM:



AUSTRIA



FRANCE



CROATIA

INTERNATIONAL ORGANISATIONS:



UNECE



OECD

BETTER POLICIES FOR BETTER LIVES



UNECE



OECD

BETTER POLICIES FOR BETTER LIVES

umweltbundesamt^U

ENVIRONMENT AGENCY AUSTRIA



International
Office
for Water



HRVATSKE VODE

REGIONAL PROJECT 2 2016 - 2020

Project 2 : European Union Water Initiative Plus for the Eastern Partnership



R1 Legal and Regulatory Framework

Lead/Partner organisations:

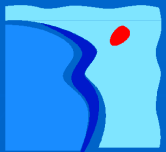


R2 River Basin Management Planning

R3 Lessons learnt and Communication

Lead/Partner organisations:





International
Office
For Water
PARIS-FRANCE



International
Network
Of Basin
Organizations





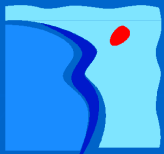
Promoting cooperation on the ground and exchange of experience



- Global network of basins working on water and climate in cooperation with **INBO** :
 - Basins with different priorities (water scarcity, floods)
 - Currently 14 basins
- Platform for exchanging experiences:
 - Regular workshops and meetings of the Task Force and basin meetings
 - Internet platform
- Cooperation with UNFCCC, EU and others



Platform of Pilot Basin Organizations to test measures for adapting to climate change



**International
Office
For Water
PARIS-FRANCE**

**WATER and adaptation
to the effects of climate change:
- Agenda of solutions -
COP21 - Paris
2 December 2015**

**Come and sign the Pact
on water and adaptation
to climate change
in the basins
of rivers, lakes and
aquifers !
IT IS NOT TOO LATE 😊**

cop21-Paris-pact.inbo-news.org



**Paris Pact on water
and adaptation to climate change
in the basins of rivers, lakes and aquifers**

At the twenty-first Conference of the Parties to the United Nations Framework Convention on Climate Change (COP21 / CMP11) organized from 30 November to 11 December 2015 in Paris, **We**, representatives of governments, international organizations, donors, national and transboundary basin organizations of rivers, lakes or aquifers, local authorities, of the civil society and companies, support the integration of Water into the Climate change Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers and large wetlands.

GENERAL STATEMENT

Climate change is already affecting and will increasingly affect the quantity and quality of freshwater and aquatic ecosystems, especially through the intensity and greater frequency of extreme hydrological events, such as floods and droughts, as well as the increase in ocean level, which threaten security, economic and social development and the environment.

We recognize that adaptation actions should be undertaken without delay to minimize the impacts of climate change on the populations' health and safety, on economic development and the environment, considering the importance of the protection of water-related ecosystems.

The basins are natural areas where water flows on the surface and in the subsoil: they are the relevant territories for organizing water resources management.

In order to ensure more effectiveness, these actions to adapt to climate change should thus be implemented at the level of river, lake and aquifer basins, through a joint, participative, integrated and sustainable water resources management.

We should act quickly before it is too late!

To that end, mobilizing new and increasing funding dedicated to climate change adaptation in basins is essential. Therefore, new basin organizations and existing ones should be financed and strengthened to facilitate the cooperation, coordination and exchange of information, dialogue, consultation and prevention of conflicts between stakeholders and to enhance the implementation of adaptation measures and the sharing of benefits on the basin scale.

We encourage donors to support prior assessments and actions for adaptation to climate change in basins,

Local authorities and communities, economic sectors and the civil society should be better associated and involved in basin management, including in the definition and implementation of adaptation measures.

Cooperation and exchange should increase between the institutions involved, especially among the basin organizations at the global and regional levels in order to facilitate the transfer of experience and know-how on best practices in basin management and adaptation to climate change.



PARIS2015
CONFERENCE DES NATIONS UNIES
SUR LES CHANGEMENTS CLIMATIQUES
COP21-CMP11

v14

Paris Pact



www.inbo-news.org
www.cop21.gouv.fr/en





THANK YOU FOR YOUR ATTENTION!
MERCI DE VOTRE ATTENTION!

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 لبيئات الأحواض