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 Office for Water

Paris, France

International Network of Basin Organizations

Created in 1994 to facilitate operational exchanges between BO

INBO’s REGIONAL NETWORKS

- Central and Eastern European Network of Basin Organizations (CEENBO)
- Mediterranean Network of Basin Organizations (MENBO)
- INBO’s Group for WFD
- EECCA Network of Basin Organizations
- Network of Asian River Basin Organizations (NARBO)
- African Network of Basin Organizations (ANBO)
- Latin American Network of Basin Organizations (LANBO)
- Brazilian Network of Basin Organizations (BNBO)
- North American Network of Basin Organizations (NANBO)

192 FULL MEMBERS or PERMANENT OBSERVERS in 88 COUNTRIES
THANKS
TO OUR FRENCH GUESTS
FOR THEIR MARVELOUS WELCOME!!

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UN GRAND MERCi
A NOS AMIS FRANCAIS
POUR LEUR MERVEILLEUX ACCUEIL
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.

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.
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).
EURO RIOB - Megève
Septembre 2010
EURO-RIOIC –2011
"EUROPE INBO 2012", A ISTANBUL

17 - 19 OCTOBER 2012
European Group of Basin Organizations EUROPE-INBO

“EUROPE-INBO 2013”

13-16 November 2013 - Plovdiv, Bulgaria.
13-15 November 2014
Bucharest, Romania

12th International Conference
“EUROPE-INBO 2014”
La 13ème Conférence “EURO-RIOB 2015”
POUR L'APPLICATION DES DIRECTIVES EUROPEENNES SUR L'EAU
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13th International Conference “EUROPE-INBO 2015”
FOR THE IMPLEMENTATION OF THE EUROPEAN WATER DIRECTIVES

21-24 October 2015
Thessaloniki, Greece
14th International Conference "Europe-INBO 2016"
Lourdes - France - 19 - 22 October 2016

Implementation of the European Water Directives

➤ Tuesday 18 October
14:00 Pre-event: "Peer-Review" Mechanism project: Workshop on the Programs of Measures (1/2).

➤ Wednesday 19 October
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.
20:00 Dinner.

➤ Thursday 20 October
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.
20:00 Dinner.

➤ Friday 21 October
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-ADAP" 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.
20:00 Dinner.

➤ Saturday 22 October
- Technical visit in the Valleys of the Gaves (torrents) upstream from Lourdes.

To participate, Please register!
www.inbo-news.org
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
1st Drafting
of the LOURDES Europe-INBO Declaration:

1er brouillon
de la déclaration Euro-RIOB de LOURDES:
Confirmation of the choice to host the next "EUROPE – INBO" conference:

- ????? in 2018
Synthesis of policy recommendations building on on-going assessments

- «Fitness Check» EU water policy instruments
- Outlook of sustainability and vulnerability of EU water resources
- Policy Options

Impact Assessment

Nov 2012 Blueprint To Safeguard EU Waters
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.....
A SIGNIFICANT PERCENTAGE OF WATER BODIES DID NOT REACH “GOOD STATUS” IN 2015.
Percentage of water bodies affected by hydromorphological pressures
Improve Implementation more than create new regulations

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

- 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

HUGE WORK IS STILL NEEDED:
MANAGEMENT PLANS OF INTERNATIONAL RIVER BASIN DISTRICTS
STILL TOO OFTEN LOOK LIKE A PATCHWORK OF NATIONAL ELEMENTS
AS THE RESTORATION OF AQUATIC ENVIRONMENTS IS OF PRIME IMPORTANCE FOR ACHIEVING GOOD STATUS, THE MEANS DEVOTED TO WETLANDS AND HYDROMORPHOLOGY MUST BE INCREASED.
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!

WE MAY CALL FOR A TRUE MOBILIZATION CONCERNING AGRICULTURE:
HOW CAN WE APPLY THE « RENEWABLE ENERGY » DIRECTIVE AND THE “WFD” AT THE SAME TIME?
UNE OBLIGATION DE RESULTAT
OBLIGATION OF RESULTS

Mettre en cohérence le « millefeuilles » des textes communautaires !

Improove coherency between various European policies 😊😊

- Directive énergies renouvelables,
- Réseau transeuropéen de navigation fluviale
- Directive milieu marin,
- adaptation au changement climatique
- Directive inondations
- prévention des sécheresses,
- Directive - Cadre,
- Réforme de la PAC,
As everything is linked in each Water Body, for a real implémentation of the WFD, 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...
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..
WITH REGARD TO DROUGHTS:

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

Aggravation et amélioration sur 100 ans en %

idé / Source : Commission européenne
WITH REGARD TO DROUGHTS:

- 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!

FOR THE NEXT 16 YEARS

Who will pay

Govt and public sector
private sector
ODA*

International firms

* Official Development Assistance
## Transparency of Costs and Polluter-Pays Principle

<table>
<thead>
<tr>
<th>Costs</th>
<th>Definition</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct cost</td>
<td>Capital costs</td>
<td>Principal and interest, depreciation</td>
</tr>
<tr>
<td></td>
<td>Operating costs</td>
<td>Wages, electricity, maintenance of equipment, analyses of the quality of water...</td>
</tr>
<tr>
<td>Environmental cost</td>
<td>Costs of the damages to the environment caused by a given activity</td>
<td>Contamination of an aquifer, destruction of wetlands...</td>
</tr>
<tr>
<td>Resource cost</td>
<td>Value of the alternative foregone by choosing a particular activity (= opportunity costs)</td>
<td>Cost of electricity that could have been produced if water would be available instead of being pumped for irrigation</td>
</tr>
</tbody>
</table>
Depuis 1999, 30 projets de jumelage dans le secteur de l’eau, dont 15 sur la DCE, le dernier en cours au Maroc....
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
EU MEMBER STATES CONSORTIUM:
AUSTRIA  FRANCE  CROATIA

INTERNATIONAL ORGANISATIONS:

UNECE  OECD  umweltbundesamt  International Office for Water  HRVATSKE VODE
**REGIONAL PROJECT 2 2016 - 2020**

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

**Lead/Partner organisations:**

- **R1** Legal and Regulatory Framework
- **R2** River Basin Management Planning
- **R3** Lessons learnt and Communication

**Lead/Partner organisations:**

- UNECE
- OECD
- Umweltbundesamt
- HRVATSKOE VODE
- International Office for Water
Bacias pilotos
Bacias associadas
Outras via la RELOB

Bacia Chira-Catamayo (Peru e Equador)
Bacia da Represa Rio Grande II (Colômbia)
Bacia Piracicaba, Capivari, Jundiaí (Brasil)
Pequenas Antilhas: Guadalupe, Martinica,…
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**
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
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,
uluslararasi havza organizasyonlari aği
الشبّكة الدولية لمئّات الالحلوص