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
الشبكة الدولية لهيئات الأحواض
流域组织国际网
Le RIOB : 192 Organismes-Membres et observateurs permanents dans 88 pays
THANKS TO OUR SPANISH GUESTS FOR THEIR MARVELOUS WELCOME!!

UN GRAND MERCI A NOS AMIS ESPAGNOLS POUR LEUR MERVEILLEUX ACCUEIL!!

¡MUCHAS GRACIAS A NUESTROS AMIGOS ESPAÑOLES POR SU BIENVENIDA MARAVILLOSA!

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THANKS TO OUR SPANISH GUESTS FOR THEIR MARVELOUS WELCOME!!
International Network of Basin Organizations
European Group of Basin Organizations EUROPE-INBO

16th International Conference
“EUROPE-INBO 2018”
ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE
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.
16th International Conference "Europe-INBO 2018"
Seville - Spain - 17 - 20 October 2018 (v6)

Implementation of the European Water Directives

► Wednesday 17 October
10:30  Workshop on "Invasive Alien Species: prevention and management solutions".
17:00  INBO World Liaison Bureau.
20:00  Welcoming Cocktail.

► Thursday 18 October
09:00  Official Conference opening ceremony.
10:00  Message of the DG Environment - European Commission.
10:15  Presentation of Water Governance in Spain and in the Guadalquivir Basin.
12:15  Objectives and actions of INBO and "Europe-INBO" Group of European Basin Organizations.
12:45  Lunch.
14:15  Roundtable N° 1: Prevention of drought: adaptation planning at the basin level, reuse and desalination.
16:30  Roundtable N° 2: Efficiency and multiple benefits: the interest of combining hydraulic infrastructure and nature-based solutions to face the issues of climate change.
20:00  Official Gala Dinner.

► Friday 19 October
09:00  Roundtable N° 3: International Cooperation: Twinning and Peer-to-peer Exchanges, Neighbourhood area, Transboundary waters.
13:00  Lunch.
14:30  International and regional initiatives: actions of partners (eg climate change, Sustainable Development Goals, Governance, Cooperation).
16:00  Reporting of workshop and roundtables.
16:30  Approval of the Seville Declaration and Official Closing Ceremony.
17:00  End of works.
18:00  Closing Cocktail.

► Saturday 20 October
09:00  Technical and cultural visit of Seville.

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

1er brouillon
de la déclaration Euro-RIOB de Séville:
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.

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).
European Group of Basin Organizations EUROPE-INBO

13-16 November 2013 - Plovdiv, Bulgaria.

"EUROPE-INBO 2013"
12th International Conference “EUROPE-INBO 2014”

13-15 November 2014
Bucharest, Romania
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

21-24 October 2015
Thessaloniki, Greece
14th International Conference
“EUROPE-INBO 2016”
ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE
Lourdes, France 19 – 22 October 2016.
15th International Conference "Europe-INBO 2017"
Dublin - Ireland - 20 - 23 September 2017
Confirmation of the choice to host the next "EUROPE – INBO" conference:

- MALTA in 2020
Science-Policy Interface
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.
A peer-to-peer support process to facilitate improved Water Framework Directive and Floods Directive implementation

Today....

• 8 potential Expressions of Interest from 8 Countries
• 36 Potential reviewing experts from 14 Countries

peertopeer@oieau.fr

www.aquacoope.org/peertopeer
30 EU WATER TWinning FQR 1999

30 Jumelages sur l’eau depuis 1999
Afri-Alliance (Afri-EU Innovation Alliance for water and Climate)

EU H2020 project, 2016-2021 - 16 partners

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.
A significant percentage of water bodies did not reach “good status” in 2015.

Ecological status:
- No or minimal
- Slight
- Moderate
- Major
- Severe
- High
- Good
- Moderate
- Poor
- Bad

Ecological status: High

Ecological status: Moderate

Ecological status: Poor

Ecological status: Bad

Non-deterioration

Restauration

Courtesy Peter Pollard
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...
Synthesis of policy recommendations building on on-going assessments

- Review Water Scarcity & Droughts Strategy
- Climate Change Vulnerability & Adaptation

« 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.....
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?
Quelles sont les difficultés et les délais raisonnables?
What are the difficulties and a realistic agenda?
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
WFD and FD - timetable for implementation reports and Fitness Check

- **2009**: RBMP / FRMPs
- **2015**: Reporting measures
- **2021**: Reporting measures
- **2027**: Reporting measures

- **2009**: Blueprint 2012 first RBMP
- **2015**: 4Q-2018 2nd RBMP / 1st FRMP
- **2019**: Fitness Check
- **2019**: 4Q 2019 New COM takes office

**2019 Fitness Check**

**4Q 2019**

**New COM takes office**
# Fitness Check

Some important issues to be raised during the evaluation

<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
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<tbody>
<tr>
<td>Apparent insufficient progress on achieving WFD objectives</td>
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<tr>
<td>Definition of 2 different status - chemical and ecological</td>
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<td>Reporting tools (WISE)</td>
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<td>Floods Directive - overarching progress indicator</td>
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<td>One-out-all-out principle</td>
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<td>Flexibility through exemptions</td>
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<td>2027 final deadline for application of exemptions</td>
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<td>Governance</td>
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<td>Non-deterioration obligation</td>
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<tr>
<td>Quantification of costs and benefits</td>
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<tr>
<td>Water pricing, and polluter pays principle</td>
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<tr>
<td>Link drivers-pressures-measures</td>
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<td>Policy coherence (agriculture, energy, transport)</td>
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<tr>
<td>Climate change and water quantity / water quality</td>
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<tr>
<td>Duration of the RBMPs cycles, and reporting cycles of other related law</td>
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<tr>
<td>Integration of the objectives of protected areas within the RBMPs</td>
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The Water Directives: WFD, FD, & Daughter Directives (GWD, PSD)

• Mainly a success story
  ➢ Harmonizing the approach and methods we are dealing with water in the EU
  ➢ Increased knowledge about what our water (SW/GW) need for a good status
  ➢ Increased the awareness of the resource water especially in regards of the different pressures
  ➢ It has enhanced the cooperation between the stakeholders and the authorities through the measures implemented in the RBMP

But MS strongly believe WFD needs a revision!

How can we make the WFD fit for the future while maintaining a high level of ambition?
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 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 !
Improve coherency between various European policies 😊😊

Direction inondations,
Réforme de la PAC,
adaptation au changement climatique,
Directive - Cadre,
prévention des sécheresses,
Directive milieu marin,
Réseau transeuropéen de navigation fluviale,
Directive énergies renouvelables,
IF WE ARE NOT ABLE TO MOBILIZE ENOUGH MONEY, WE SHALL NOT HAVE THE FRESH WATER WE NEED!
### Costs Definition Example

<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>
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</table>

Sum = full cost
Communication with the public and reporting issues

- Create a public participation in a more effective and less prescriptive way
  - Make use of the new electronic media that exist nowadays to lighten the hearings
  - Combine the RBMP and the PoM and reduce the 6 month period actually foreseen

- Communication on Progress: A pre-eminent concern for all MS
  - We have collectively failed to communicate the positive results so far
  - The one-out-all-out principle does not reflect the positive trends made towards good status and all the efforts accomplished by MS so far

- Reporting issues on RBMP and PoM and FRMP
  - Because of administrative complexity, failed to interest the greater public
  - Current reporting procedure is of considerable burden for all MS (blocks resources not available for water real management issues)
  - Streamlining of reporting was also the aim of EU COM Fitness Check
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,
- INFILTRATION OF WATER INTO THE SOILS
- NATURAL WATER RETENTION MEASURES...

... MUST BECOME PRIORITIES.
• Main outcome of our internal discussions: large consensus that MS have the ambition to continue the efforts!
  ➢ Many MS need more time because of technical feasibility and disproportionate costs
  ➢ All MS have to deal with uncertainties, new knowledge and new challenges, they have to integrate these facts into their water management

• Take into account of uncertainties and extension of the deadline beyond the 2027 should be considered
  ➢ Continuous MS efforts should not be frustrated by numerous infringement procedures in front of the CJEU because of not reaching targets
  ➢ Shifting baseline phenomena (e.g. climate change) could not possibly be foreseen by the founding fathers of the directive
  ➢ New scientific insights trigger legislative flexibility and adaptations

• Practicalities of this solution include:
  ➢ Measures to deal with the uncertainties beyond the 2027 horizon
  ➢ Better management for large-scale (and diffuse) pressures that could now be better incorporated and their solutions integrated
  ➢ Several MS propose at least 3 more cycles up to 2045 to avoid lowering the objectives and minimizing loss of ambition
  ➢ Streamlining other optimization processes (e.g. common monitoring) and efforts in EU environmental policies
THANK YOU FOR YOUR ATTENTION!
MERCI DE VOTRE ATTENTION!

Réseau International des Organismes de Bassin
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