TOGETHER WE MAKE WATER A GLOBAL PRIORITY

DAEGU & GYEONGBUK, KOREA
12-17 APRIL 2015
TOGETHER WE MAKE WATER A GLOBAL PRIORITY

FROM THE 6TH TO THE 7TH AND 8TH FORUM

- Marseille 2012: Time for Solutions - Platform of Actions
- Daegu-Gyeongbuk 2015: Water for Our Future
- Brasilia 2018: Sharing Water
7th World Water Forum Kick-off Meeting
THE 7th DAEGU/GYEONGBUK WORLD WATER FORUM

2nd Stakeholders Consultation Meeting
PROCESSES TOWARDS WORLD WATER FORUM 2015

Political processes
Thematic Process
Regional Processes
Science and Technology Process

Other components:
Citizen and Youth Forum, EXPO and Fair, Water Prizes, Side Events
Elements in the World Water Forum process

- Ministerial Process
- Parliamentarians Process
- Local Authorities Process

Thematic Process
Science and Technology process
Input

Regional Process
Input

Declarations & Outputs
A Total of 16 Themes Derived

<table>
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<tr>
<th>Action Goals</th>
<th>Thematic Framework Development for WWF 2015 Action Goals</th>
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| **1. Water Security for All** | 1.1 Enough Safe Water for All  
1.2 Integrated Sanitation for All  
1.3 Adapting to Change Managing Risk and Uncertainty for Resilience and Disaster Preparedness  
1.4 Infrastructure for Sustainable Water Resource Management and Services |
| **2. Water for Development and Prosperity** | 2.1 Water for Food  
2.2 Water for Energy  
2.3 Water and Cities |
3.2 Managing and Restoring Ecosystems for Water Services and Biodiversity  
3.3 Ensuring Water Quality from Ridge to Reef  
3.4 SMART Implementation of IWRM |
4.2 Effective Governance: Enhanced Political Decisions, Stakeholder Participation and Technical Information  
4.3 Cooperation for Reducing Conflict and Improving Transboundary Water Management  
4.4 Water Cultures, Justice and Equity  
4.5 Enhancing Education and Capacity Building |
T4.3 - Facilitating Cooperation for reducing conflict and improving transboundary water management.

- Hydro-diplomacy, Multilevel transboundary governance and transparency,
- International Water Law and regional agreements,
- Mandate and roles of Transboundary Basin and Aquifer Organizations,
- Data exchange and joint monitoring in transboundary basins,
- Assessment of benefits of transboundary cooperation, Water, Food, Energy Nexus as a Driver for Transboundary Cooperation,
- Funding of the transboundary cooperation and joint investments

<table>
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<tr>
<th>UNECE</th>
<th>IUCN</th>
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<td>INBO – Design Group coordinator</td>
<td>SIWI</td>
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<td>UNESCO- IHP/ISARM</td>
<td>The GEF</td>
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**T1.3.6** - Adaptation to the effects of climate changes on water resources and hydrological cycles

**T3.4.1** - Integrated joint management of rivers, lakes and aquifers at basins level: An efficient approach for multilevel and cross sectorial better water sharing and protection

**T4.2.3** - Strengthening basin governance for efficient water resources management at all the relevant scale

**T4.5.5** - Facing the changes in due time: To be able to adapt water resources management in river basins, specific training of the staffs and all the stakeholders is a prerequisite!
EUROPEAN REGIONAL PROCESS – 2015
TOGETHER WE MAKE WATER A GLOBAL PRIORITY

EUROPEAN REGIONAL PROCESS – 2015

Jointly coordinated by:  - French Water Partnership
                       - Danish Water Forum

With the support of:  - International Office for Water
                       - DHI
EUROPEAN REGIONAL PROCESS – 2015

1. **Transboundary Water Management**: Scheldt International Commission (as secretariat of EU IC) + UNECE
2. **Integrated implementation of EU directives**: Europe INBO + DG-ENV
3. **Adaptation to climate change**: UNECE + FWP/IOWater
4. **Water Efficiency**: GWP Central and Eastern Europe TBC.
5. **Integrated and Innovative Urban Water management**: DK Ministry for Environment, DHI, EWP, WssTP, DG ENV
6. **Science and Technology**: German Water Partnership, EWA, Astee, IP Water
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.
In Europe, for the first time in the World, 28 EU countries + 2 adopted The same basin oriented approach!
110 RIVER BASIN DISTRICTS HAVE BEEN ESTABLISHED
40 ARE INTERNATIONAL RIVER BASIN DISTRICTS
In Europe a majority of basins being transboundary ones!
Over much of Europe, “one in a hundred year floods” could occur every couple of decades.
FLOOD CONTROL: FORECAST, PREVENTION, PROTECTION

- Foreseeing hazardous events,
- Reducing vulnerabilities,
- Protecting people and properties,
- Warning and educating.
WITH REGARD TO DROUGHTS:

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

Aggravation et amélioration sur 100 ans en %

Aggravation

+25
+10
+5
-5
-10
-25

Amélioration

idé / Source : Commission européenne
Communication on Water Scarcity and Drought

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

... MUST BECOME PRIORITIES.
EUROPEAN REGIONAL PROCESS – 2015

1. **Transboundary Water Management**: Scheldt International Commission + UNECE
2. **Integrated implementation of EU directives**: Europe INBO + DG-ENV
3. **Adaptation to climate change**: UNECE + FWP/IOWater
Next steps:
• Finalise formation of sessions groups on themes
• Identify challenges, lessons learned and good cases for inclusion in sessions in Korea

There is still room for joining!
You are just in time!!!!
Contact us with good ideas and to learn more

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Les manuels sur la gestion intégrée des bassins : The Handbooks on IRBM:
You are invited to participate in the drafting of our next two "Handbooks on Basin Management", which will be published next year on the occasion of the World Water Forum in Daegu-Gyeongju in Korea.

Their topics will be:

1. Measures for adapting to the effects of climate change in river basins,

and,

2. Protection, restoration and management of water/aquatic ecosystems and the services they provide in the basins of rivers and lakes.

These publications, like the previous handbooks of 2009 and 2012, will be based on the practical experience and know-how gained in the field in the basins worldwide.
“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
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
Main outputs / outcomes

Catalogue of measures:
- 53 measures (4 sectors)
- continuously adjusted by our experts (polder, mulching)

Workshops:
- first series in January 2014 → awareness raising
- second series in June and September 2014 → exchanges and findings

Catalogue of Case Studies:
- 40 in-depth case studies
- light case studies (objective: 80!)

A website
- easy to navigate
- as knowledge platform
We need to stimulate creative and innovative solutions contributing to tackle water challenges at European and global level, while stimulating sustainable economic growth & job creation.
Get involved in Water PiPP

Join our working group and fill the questionnaire

Call for Pilot (2014 – 2015)

Participate in the Water Innovation Procurement Forum

www.waterpipp.eu
www.innovation-procurement.org
THANK YOU FOR YOUR ATTENTION!
MERCI DE VOTRE ATTENTION!

Your inputs are very relevant...
Please participate!! 😊
International Network of Basin Organizations
European Group of Basin Organizations EUROPE-INBO

12th International Conference
“EUROPE-INBO 2014”
ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE
13-15 November 2014 – Bucharest, Romania.