



# EUROPE-INBO 2015

## Roundtable 1.

### MEASURES OF ADAPTATION TO THE EFFECTS OF CLIMATE CHANGE - "WATER" COMPONENT OF THE COP21 IN PARIS IN 2015

#### Preparation of WFD 2nd Management Plans (2016-2021):

Integration of water quantity issues;

Better integration with other EU Directives (Flood and Marine Strategy) and with other EU sectoral policies;

Natural Water Retention Measures...

### Reporting on the presentations and working groups discussions

# Roundtable Programme

\* Co-chairs:

- \* Mr Ernst ÜBERREITER - Water Directorate, Austria
- \* \* Mr. Pierre ROUSSEL- International Office for Water President, France

\* Co-reporters:

- \* Mr. Ramiro MARTINEZ - MEMBO, Spain
- \* Mr. Dimitrios MALAMATARIS, AUTH, Greece

## \* Panellists:

- \* **Mr. Jerzy ZWOŹDZIAK** - Water Director, Poland
- \* **Mr. Jean-Marie QUÉMÉNER** - Ministry for Ecology, Sustainable Development and Energy, France
- \* **Ms. Ifigenia KAGALOU** - Chairperson of Water Body Council, Greece
- \* **Mr. Andreas ANGELAKIS** - E.D.E.Y.A., Greece
- \* **Ms. Sabina BOKAL** - Project Manager, Global Water Partnership Central And Eastern Europe, Slovakia
- \* **Mr. Bogdan ION** - ANAR, Romania
- \* **Mr. Mikhail KALININ** - Chairman, Association Of River Keepers, Belarus
- \* **Mr. Delmar Alberto BLASCO BELLOMARÍA** - Coordinator, Mediterranean Wetlands Initiative, France
- \* **Ms. Panagiota Hadjigeorgiou**, ?, Cyprus

# Main outcomes and recommendations

## Effects of Climate Change?

- \* Crucial to try to estimate the future conditions because CC is a long process
- \* Need also to take into account uncertainties (statistical errors + territorial scales)
- \* Tools exist to predict the future (ex.: Explore 2070 in France)
- \* Current prediction:
  - problem of water resource availability / water demand (water stress)
  - Increase of extreme phenomenon: drought and floods

# Main outcomes and recommendations

## How to deal with the effects of Climate Change?

### \* Who is concerned?

- all countries are concerned (not only in Europe)

### \* Which actions?

- measures of attenuation and also of adaptation (at local scale especially)
- Adaptation measures are needed because the positive effects of attenuation measures will be observed at the long term
- Measures are mainly designed in RBMP and FRMP (because no Drought directive still exist)

### \* At which scale?

- At the local scale: in RBMP and FRMP, because:
  - \* Relevant scale to facilitate dialogue and resources management
  - \* Relevant scale to raise awareness about the challenges (economical, environmental, ...)

# Main outcomes and recommendations

## How to deal with the effects of Climate Change?

### \* Main barriers?

- Difficulties in WFD and FD implementation (different state of progress for MS)
- Main Difficulty with WFD implementation:
  - Achieve objectives of results (water bodies good status)
  - Convince all the actors
  - Costs related to the measures to achieve the Good Status

### \* Which drivers?

- Socio-Economy is a very important point in order to implement WFD (need to create linkages between people in charge of the implementation)
- Need to find articulations between all the Directives
- Share of knowledge at RBMP level to raise awareness

# Main outcomes and recommendations

## Concrete solutions to deal with the effects of Climate Change?

### \* Planification

- Implementation of EU directive: WFD (Poland, France and Greece)
  - Elaboration of RBMP and PoM

### \* Response to extreme phenomenon

- Implementation of EU directives: FD
  - Preparation of FRMP
- Elaboration of **DMP (Drought Management Plans)**, GWP

### \* Technical solutions

- **Wetlands** as a multiple services solution
- **UWR (Underground Water Reservoirs)** in humid and arid areas (ex. Belarus project)
- Promote the **Re-Use** (ex. Of Greece and Cyprus)