



MARRAKECH
COP22|2016|CMP12
UN CLIMATE CHANGE CONFERENCE

Exposé de

Mr. Jean - François DONZIER



Directeur General

Office International de l'Eau

International Office for Water

Oficina Internacional del Agua

المكتب الدولي للمياه

Secrétaire Technique Permanent

RESEAU INTERNATIONAL DES ORGANISMES DE BASSIN

INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

Red Internacional de Organismos de Cuenca

الشبكة الدولية لهيئات الأحواض

WE MUST
CAN
WILL



Lima-Paris Action Agenda

**WATER AND ADAPTATION
TO THE EFFECTS OF CLIMATE CHANGE**
Global Climate Action Agenda





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

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 fresh water into the Global Climate Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers, large wetlands as well as coastal areas.

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.

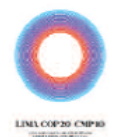
We should act quickly before it is too late!

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.



vcOP22

Paris Pact



www.inbo-news.org
www.cop22.ma



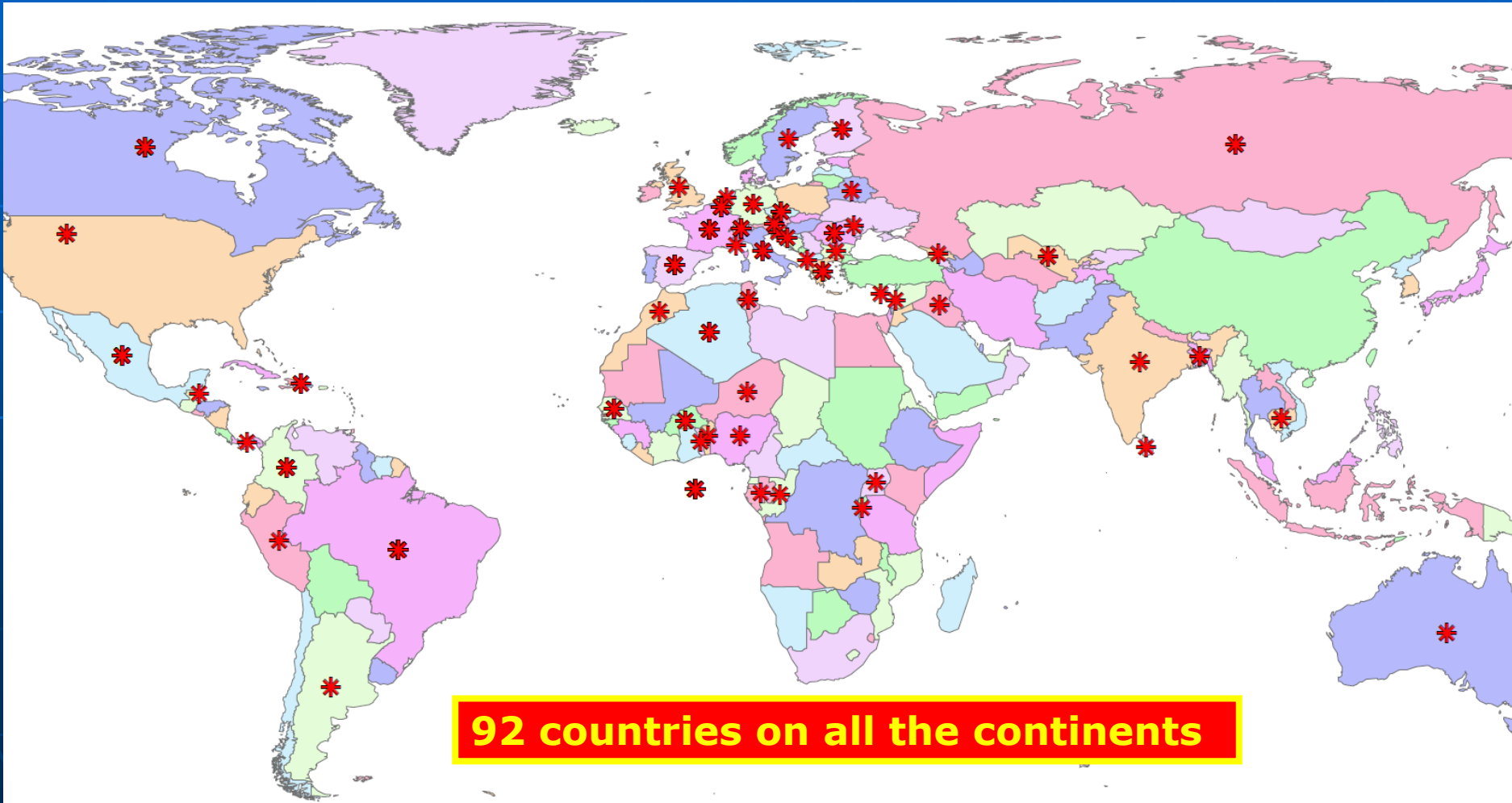


357 SIGNATORIES!!





World Map of the «Paris Pact» signatories



92 countries on all the continents



Paris Pact on water and adaptation to climate change in basins

RECOMMENDED ACTIONS:

1) Reinforce capacity development and knowledge,

Establish risk warning and water information systems in a context of uncertainty.

2) Adapt basin management planning to climate change,

Better controlling water demand and developing a more efficient and sustainable use of water resources (including groundwater) - Enhance the services of water-related ecosystems

3) Reinforce governance,

Create new basin organizations and reinforce existing ones

Support mechanisms for the involvement of the stakeholders in basin management,

4) Ensure adequate financing.

Establish investment program and sustainable financing mechanisms

We do not have to reinvent the wheel to act quickly!

Did you sign it?

23 Octobre 2000



La Directive – Cadre européenne:
le futur de la gestion des ressources en eau!



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.**

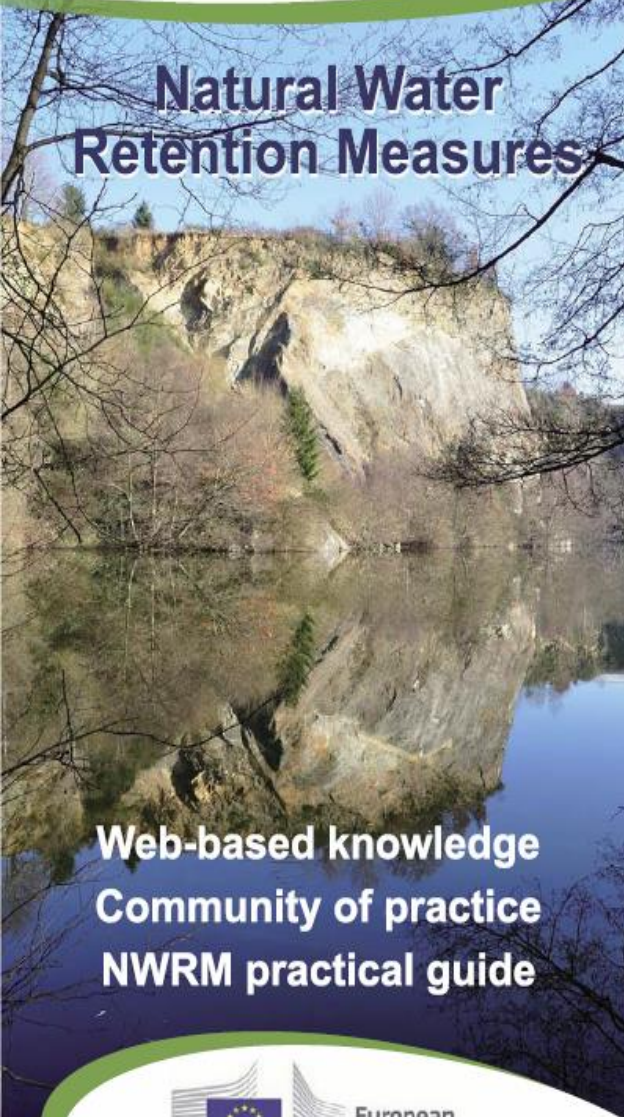
“THE PEER REVIEW MECHANISM”

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





Natural Water Retention Measures



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

**Web-based knowledge
Community of practice
NWRM practical guide**





Office
International
de l'Eau
PARIS



Réseau
International
des Organismes
de Bassin

Horizon 2020

Call: H2020-WATER-2015-two-stage

SECOND STAGE

Topic: WATER-1b-2015

Type of action: IA

Proposal number: 689242-2

Proposal acronym: **INCOVER**

**Innovative Eco-Technologies for Resource Recovery
from Wastewater**

36 Mois – 18 Partenaires européens

France, Allemagne, Portugal, Espagne, Danemark, UK



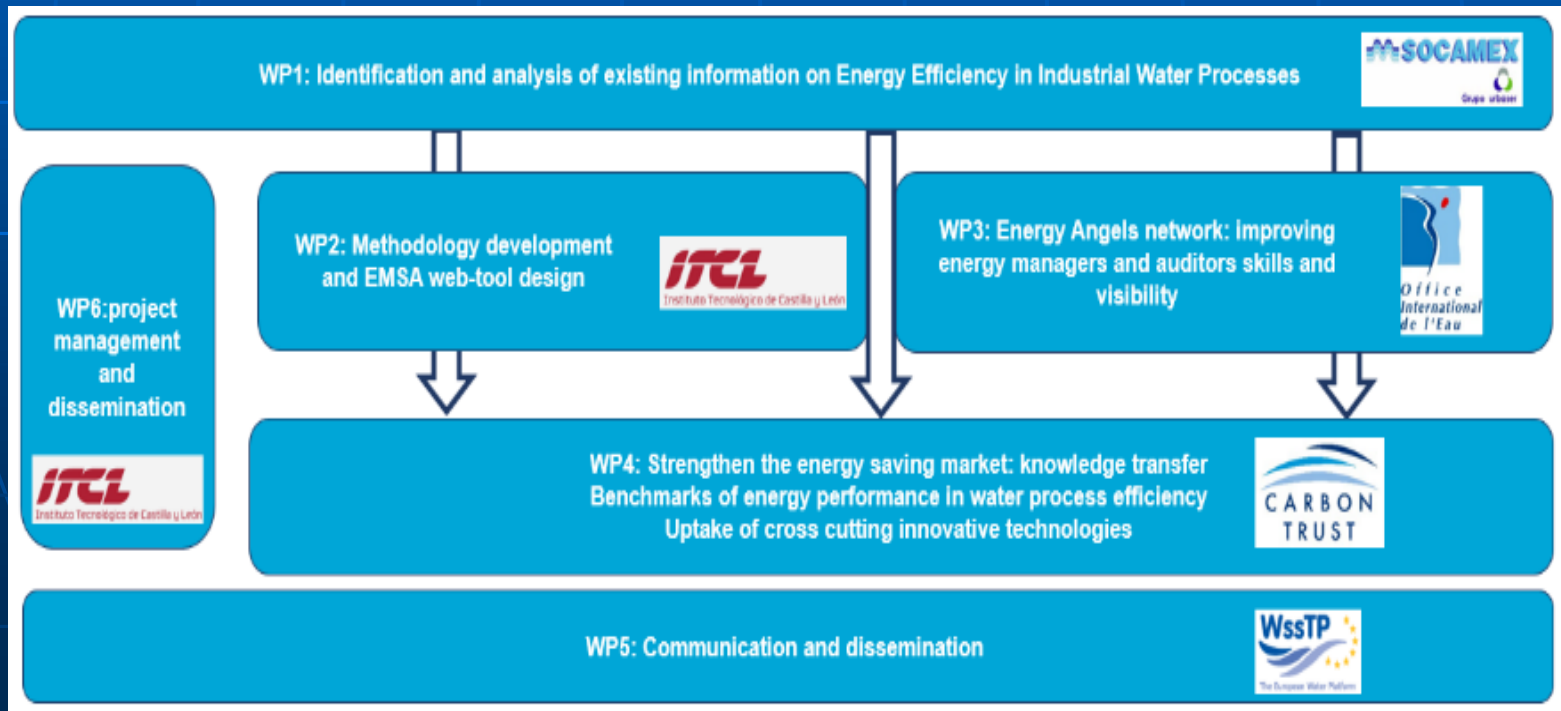
Office
International
de l'Eau
PARIS

Réseau
International
des Organismes
de Bassin

Améliorer l'efficacité énergétique des eaux de process industriels

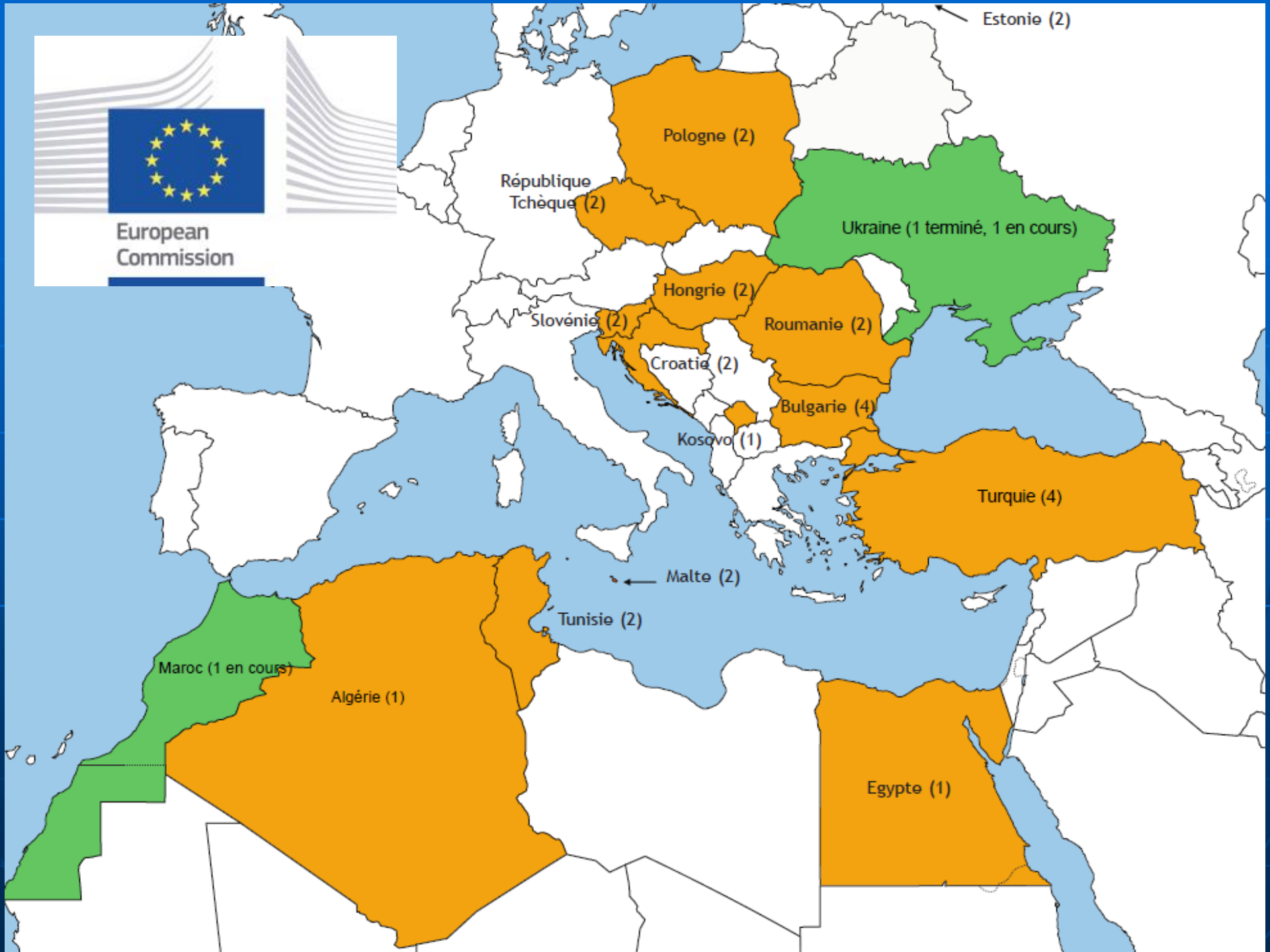
10 partenaires:

France, Espagne, UK, Chypre, Irlande, Allemagne, Belgique, Italie





European
Commission

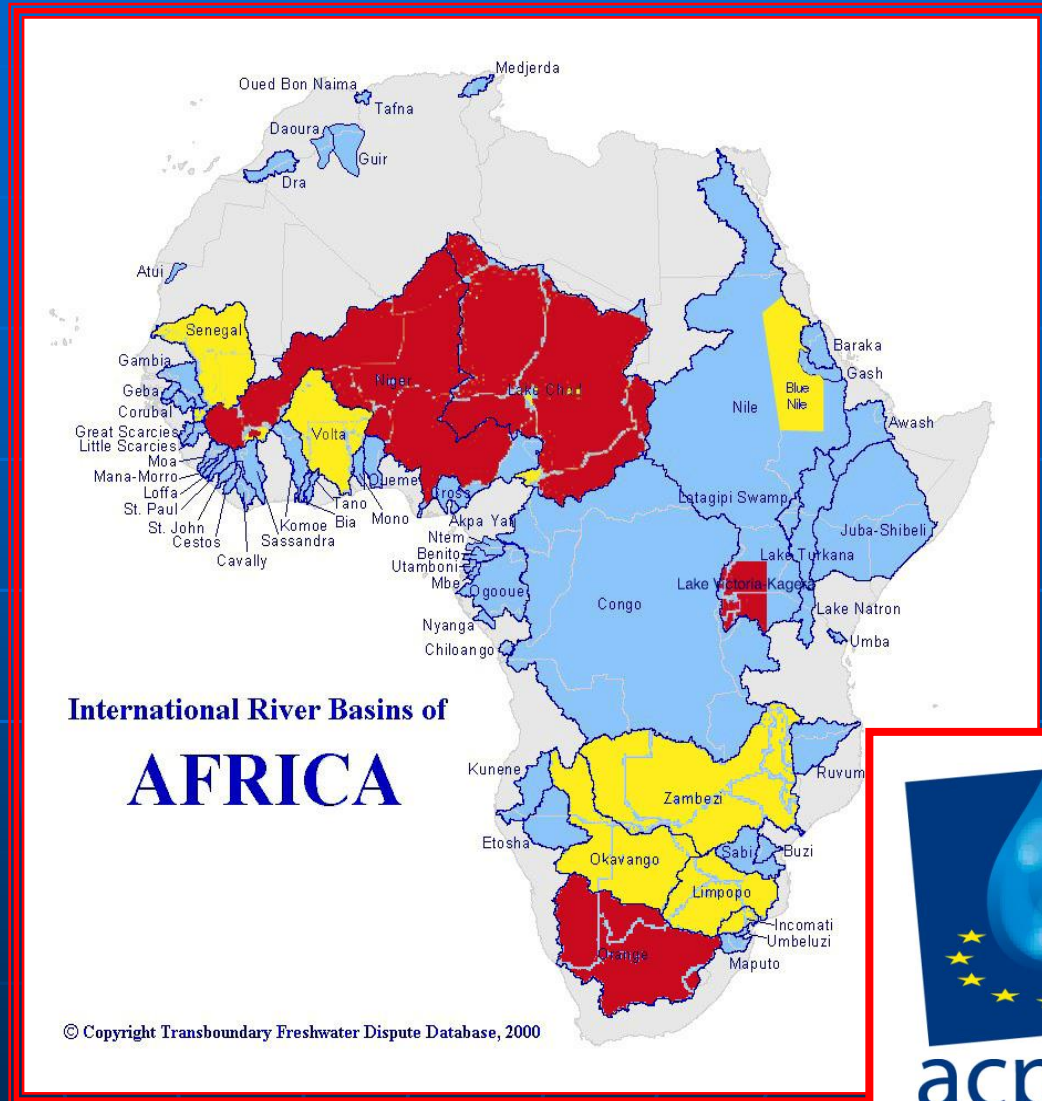
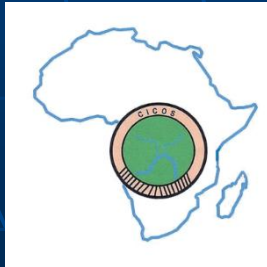


The European Water Facility for African transboundary rivers,



pilot basins:

**Volta
Congo**



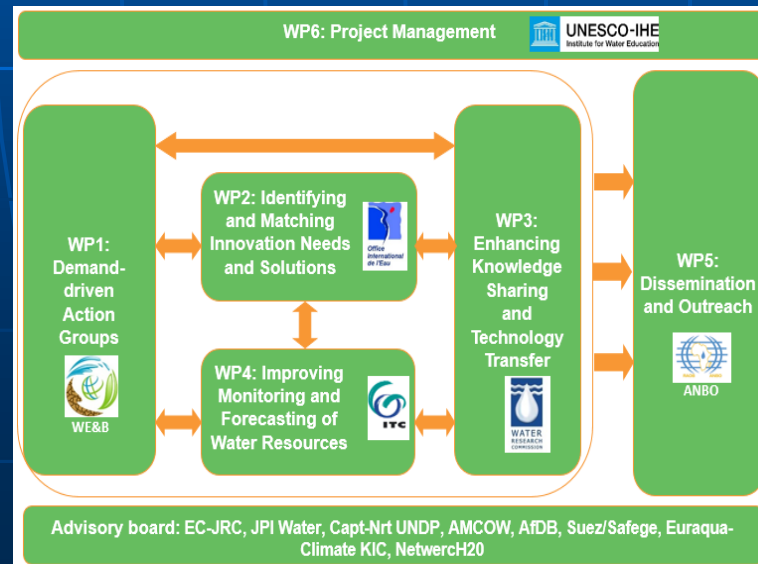


Afri-Alliance (Afri-EU Innovation Alliance for water and Climate)

Projet européen H2020, 2016-2021 - 16 partenaires

Objectif: permettre aux acteurs africains et européens du monde de l'eau de travailler ensemble sur les thèmes de l'innovation, de l'interface science politique pour développer les capacités de l'Afrique à répondre aux enjeux liés au changement climatique.

Le projet coordonné par le programme de l'eau de l'Unesco (UNESCO-IHE)



“Paris Pact” flagship projects

CHINA – HAI RIVER BASIN
Integrated Water resources management
And adaptation to climate change.



The 3 - 1000 km long water S/N transfers diverting flows of the Yangtze river to provide water to the water stressed cities of Beijing and Tianjin in the Hai river basin.



Context:

- Megacities (Beijing+Tianjin: 34 million people)
- Highly affected by water stress, frequent floods and droughts, and high pollution



“Paris Pact” flagship projects



International
Network
Of Basin
Organizations

THE MEDITERRANEAN WATER KNOWLEDGE PLATFORM for adaptation to climate change (Jordan, Lebanon, Morocco & Tunisia)

International
Office
For Water
PARIS-FRANCE

Urgent need for comparable data & indicators
Ministerial Declaration on Water, Union for the Mediterranean
Dead Sea, Decembre 2008



5+5 INITIATIVE



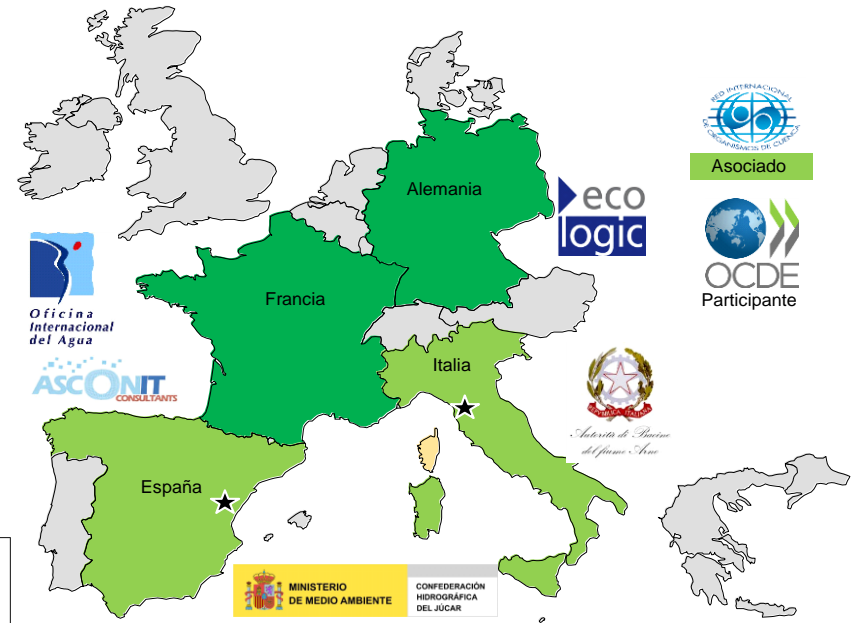
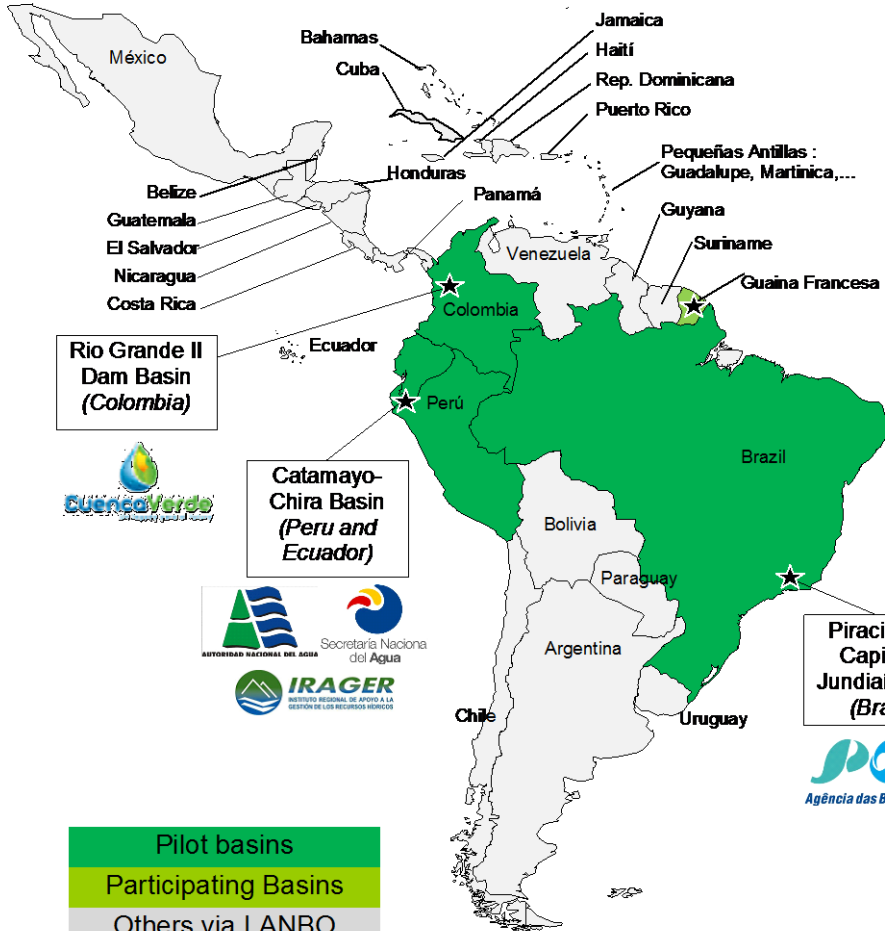


PARIS2015
CONFÉRENCE DES NATIONS UNIES
SUR LES CHANGEMENTS CLIMATIQUES
COP21-CMP11

ECOCUENCAS PROJECT



Demonstrate in a practical way
the relevance of redistributive mechanisms
for integrated water resources management and better resilience;



Participants of the project

Carte des projets Agences en cours (15)



**LES
AGENCES
DE L'EAU**

ÉTABLISSEMENTS PUBLICS DU MINISTÈRE
EN CHARGE DU DÉVELOPPEMENT DURABLE



AGENCE DE L'EAU
ARTOIS - PICARDIE



AGENCE DE L'EAU
ADOUR-GARONNE

MERCI DE VOTRE ATTENTION!
THANK YOU FOR YOUR ATTENTION!

www.inbo-news.org

www.riob.org

mail: inbo@wanadoo.fr

riob2@wanadoo.fr

Réseau International des Organismes de Bassin
International Network of Basin Organizations



الشبكة الدولية لهيئات الأحواض