



Réseau
International
des Organismes
de Bassin

Global Alliances for Water and Climate

GAWaC

Basins

Business

Megacities

Desalination

Secrétariat Général
Réseau International des Organismes de Bassin





International
Office
For Water
PARIS-FRANCE



International
Network
Of Basin
Organizations

the UN Convention
for the international water courses management
in Europe – HELSINKY 1992

**Network of Pilot Basin Organizations
to test measures for adapting to climate change**



2 December 2015
at COP21



WATER AND ADAPTATION TO
THE EFFECTS OF CLIMATE CHANGE

WE



da



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...

357 SIGNATORIES!!

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.

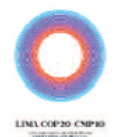
In order to ensure more effectiveness, these actions to adapt to climate change should thus be implemented at the level of river, lake and aquifer basins, through a joint, participative, integrated and sustainable water resources management.

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





Paris Pact on water and adaptation to climate change in basins



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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?



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- The Alliance of the 357 signatories of the Paris Pact on water and adaptation to climate change in the basins of rivers, lakes and aquifers, facilitated by INBO in partnership with UNECE,
- The Business Alliance for Water And Climate Change - BAFWAC, launched by the Carbon Disclosure Project - CDP, the CEO Water Mandate, the World Business Council for Sustainable Development and SUEZ, which has now 44 member organizations, including 30 leading companies,
- The Alliance of Megacities for Water and Climate, facilitated by UNESCO, ICLEI, SIAAP and Arceau-IDF, gathering 16 Megacities for a total population of 300 million inhabitants,
- The Alliance of dessalinisation

The four "Alliances" of Basins, Megacities, Desalination and Business are getting mobilized to support the implementation of the Paris Agreement



OUTCOME DOCUMENT OF THE ACTION EVENT ON WATER

In short term (2017- COP23):



- Confirm the water action day on the Global Climate Action Agenda of the COP.
- Create, within the general framework of the Global Climate Action Agenda, a formally recognized multi-stakeholder dialogue space for the water international community to maintain the momentum of water between COPs and to prepare the Water Action Day.
- Support countries, especially in Africa, in how to include ambitious, credible, and robust water programs in their NDCs for both climate mitigation and adaptation, and to promote the relationship of water in the NDCs and NAPs with the SDG;
- Create a water and energy hub for exchange and capacity building to assist developing countries, African countries in particular;
- Launch two pilot projects related to National Water Information Systems;
- Establish multi-parties dialogues in the pilot hydrographic basins, in order to identify water related challenges and opportunities for collaboration between local actors and also propose adaptation projects in the water sector.

To ensure the follow-up of these dynamic, the Moroccan Ministry of Water will work on the launch of all these short term actions with the coordination of the COP23 Water Action representatives and all international organizations involved in the water sector.



Marrakech Partnership



Further, Faster, Now

Accelerating Global Climate Action together through the Marrakech Partnership

I. Mission and core activities

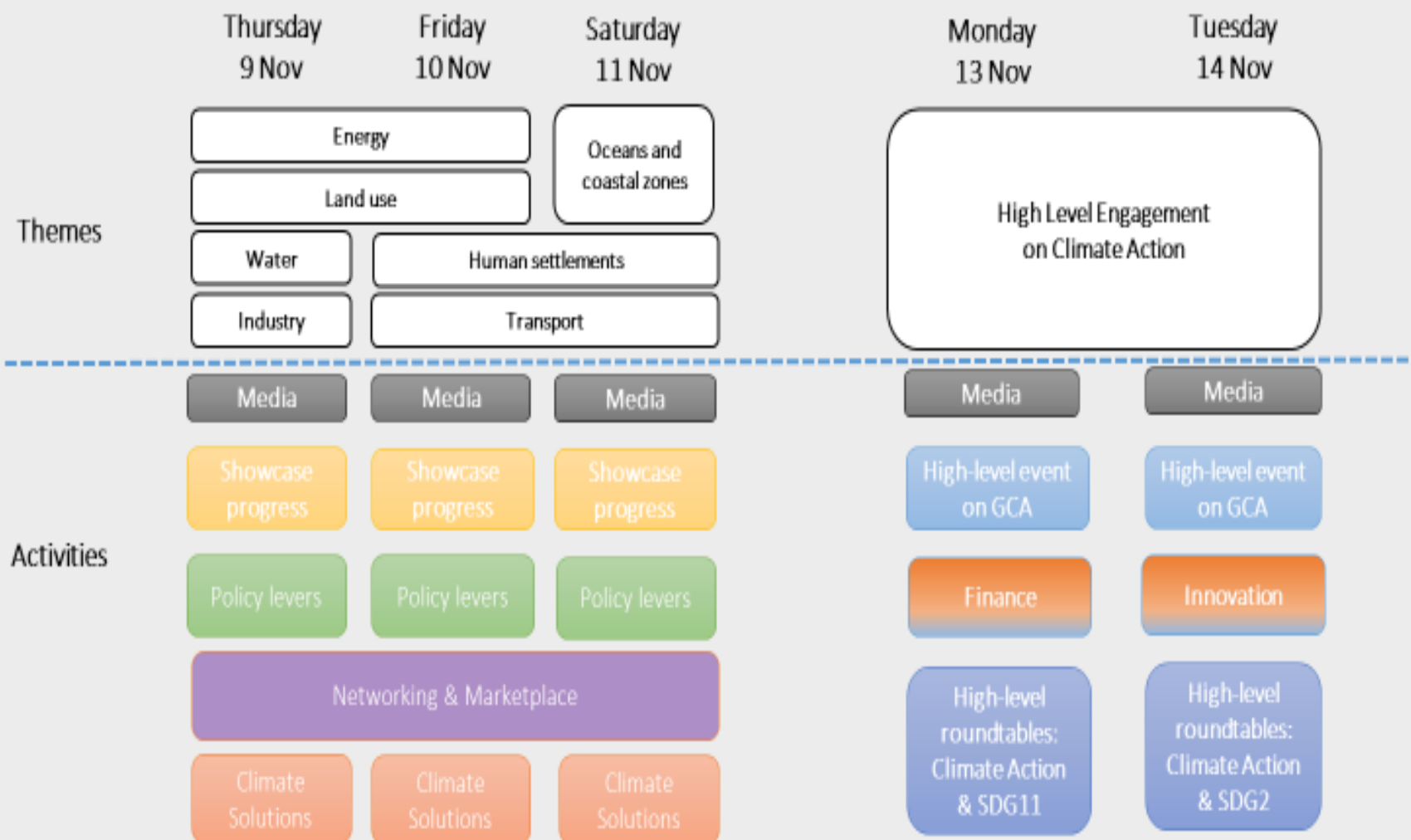
Mission statement

1. The Marrakech Partnership for Global Climate Action will strengthen collaboration between Parties and non-Party stakeholders to allow greater mitigation and adaptation actions to be implemented immediately. These actions will be guided by the long-term goals of the Paris Agreement and undertaken in the context of the Sustainable Development Goals (SDGs).



**“Marrakech Partnership for Global Climate Action”
Workshop - Rome, FAO/UNFCCC - 14-15 June 2017,**

Figure 2: Potential Global Climate Action activities at COP 23



“Paris Pact” flagship projects



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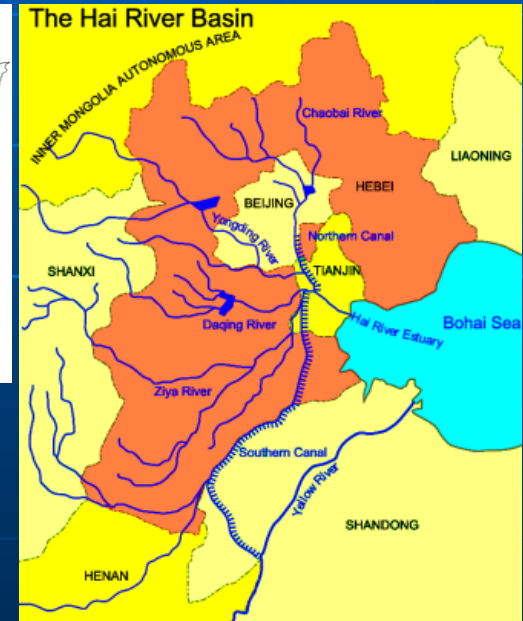
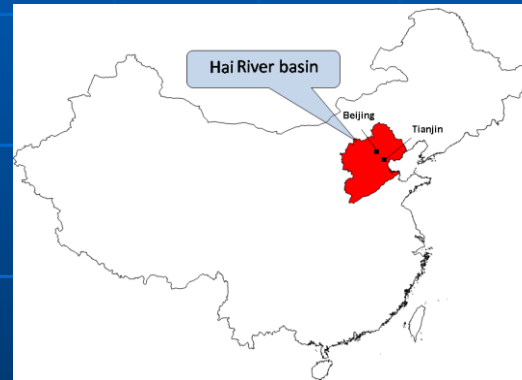


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DE LA CLIMATE
COP21-CMP11

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



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International
de l'Eau



Ministère
de l'Agriculture,
de l'Alimentation
et de la Pêche



eau
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SEINE
GRANDS
LACS



SIAAP
Service public de l'assainissement francilien



中华人民共和国水利部

河北省水利
Hebei Water Resources Department

天津市水务局
TIANJIN WATER AUTHORITY



中华人民共和国水利部
The Ministry of Water Resources of the People's Republic of China

“Paris Pact” flagship projects



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MEXICO – MEXICO DF AND VALLEY Integrated water resources management and adaptation to climate change.

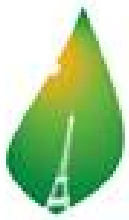
District Federal and 60 neighbor Municipalities



Context:

- Megacity (Mexico: 23 million people – 2nd W largest city),
- Altitude 2250m,
- Scarcity: 160 m³/habitant/an,
- Low level of aquifers, driving of soils,
- Eutrophisation of the réservoirs,
- Urban flooding
- Low level of waste water treatment



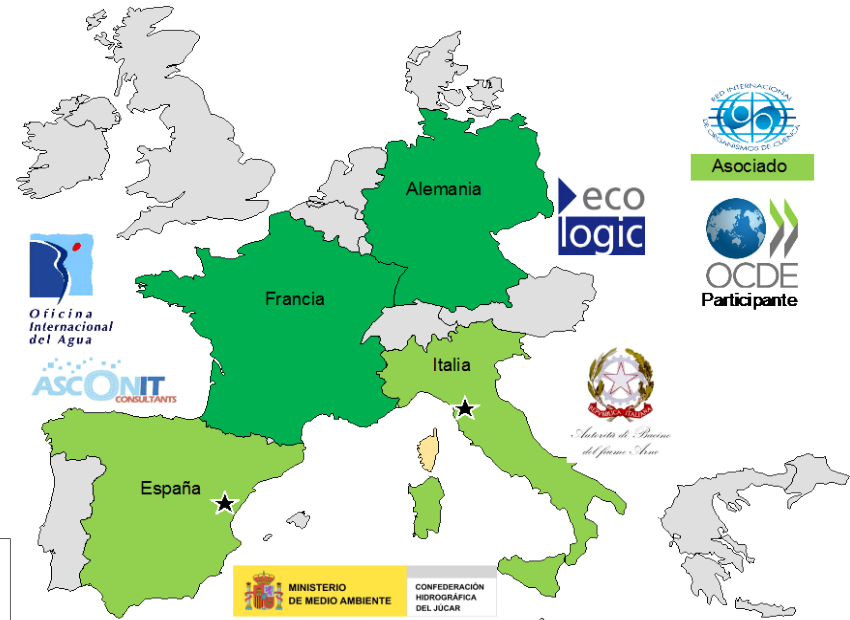


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CONVENTION ON CLIMATE CHANGE
COP21-CMP11

ECOCUENCAS PROJECT



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



Pilot basins
Participating Basins
Others via LANBO

Participants of the project



Défis de l'information sur la dynamique climatique



- Diminution sensible des stations d'observation et collecte des données hydrométéorologiques au sol,
- Difficulté de validation des scénarios des projections globales de changement climatique.

Detection/analysis of projects



Incubation of selected projects
Developping links with donors
Interfacing project holders/donors



COP23
Roundtable
with donors



Current portfolio of projects

With the support of



National Water Information System Development Plan

Fes city wastewater treatment plant improvement plan for urban and industrial wastewater

Project preparation of Diama dam basin's monitoring system for natural resources and adaptation measures

Sava river Basin Climate adaptation plan

Capacity Building for the Rehabilitation of the Zarqa River Project

BAFWAC : Web-Based Peer Learning and Collective Action Platform





Up-coming events agenda:

- Workshop UNECE-INBO-ICPDR- Hungarian Ministry of Interior: Recent progress on transboundary water cooperation, Geneva, 4 July 2017,
- Stockholm Water Week, 27 August – 1st September 2017,
- « Climate Chance » - Agadir - 11-13 Septembre,
- 15th "EUROPE-INBO 2017" International Conference : Adaptation to Climate Change, Dublin, 20-23 September 2017,
- The Great Rivers of The World International Summit : « From speech to action! » , Rome, 23 - 25 October 2017,
- COP23 – Bonn – 6 – 17 November 2017,
- World Water Forum, Brasilia, 19- 23 March 2018,

15th "EUROPE-INBO 2017" International Conference FOR THE IMPLEMENTATION OF THE EUROPEAN WATER DIRECTIVES 20-23 SEPTEMBER 2017 - DUBLIN, IRELAND



MEETING OF THE GREAT RIVERS OF THE WORLD: TAKING ACTION FOR WATER AND CLIMATE ROMA, ITALY, 23-25 OCTOBER 2017

