Global Alliances for Water and Climate

GAfWaC

- Basins
- Business
- Megacities
- Desalination
• The Alliance of the 360 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,

• Global Clean Water Desalination Alliance:
The four "Alliances" of Basins, Megacities, Desalination and Business are getting mobilized to support the implementation of the Paris Agreement.
“Paris Pact” flagship projects

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

Urgent need for comparable data & indicators
Ministerial Declaration on Water, Union for the Mediterranean
Dead Sea, Decembre 2008
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 scenarios des projections globales de changement climatique.
# Current portfolio of projects

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<td>Fes city wastewater treatment plant improvement plan for urban and industrial wastewater</td>
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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 are central to economic and social development and the protection of water-related ecosystems.

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 subsurface: 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.

360 SIGNATORIES!!
Indeed, basins are the natural territories, in which water runs, on the soil or in the sub-soil, whatever are the national or administrative boundaries or limits crossed.

An overall approach should be organized on the relevant scale of basin areas of rivers, lakes and aquifers,
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?
Transboundary aquifers
• The 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Helsinki Water Convention), originally limited to Europe beyond the UNECE region, has been the basis for adoption of many bilateral and multilateral agreements, most notably the 1994 Convention on the Cooperation for the Protection and Sustainable Use of the Danube River.

• At the global level, the 1997 Convention on the Non-navigational Uses of International Watercourses enables inter-state cooperation on international watercourses has not been ratified yet, but its core principles are already part of many international customary agreements.

• The United Nations International Law Commission has prepared a set of articles related to the use of shared aquifers which was adopted during the last session of the UN General Assembly.

• The European Water Framework Directive is still implemented by the 27 EU Members States and some neighbor Countries and fixes as a common objective before 2015 the good ecological statute of water and ecosystems in all the concerned basins including all the transboundary ones.

23 October 2000
The Rhine: an international river basin district

9 States involved:
- Austria
- Belgium
- France
- Germany
- Italy
- Liechtenstein
- Luxemburg
- Switzerland
- The Netherlands

185,000 km²
50 millions inhabitants
**Plenary assembly (PLEN) Coordination Committee (CC)**

- **Delegation Head**
- **Strategy Group (SG)**
  - Editorial Group
- **WG Flooding (H)**
- **WG Water Quality / Emissions (S)**
  - incl. Groundwater (GW)
- **WG Ecology (B)**
- **Expert Groups**
  - GIS Economy (E)

*cf. Diagram 2: Expert coordination / Coordination of reporting*

**RHINE**
International Commission for the Léman Lake

Zone géographique concernée par la CIPEL
Organigrama de la CIPEL

Sous-commission technique

Secrétariat permanent

Collaboration F - CH en cas de pollution

Relations publiques

Comité opérationnel

Bureau

Conseil scientifique

Programme de surveillance

Pollutions domestiques

Pollutions agricoles

Pollutions industrielles

Renaturation

Méthodologie

Subvention à la déphosphatation

International Commission for the Léman Lake

Vaud
Valais
Genève
The International Network of Basin Organizations (INBO),
The Global Water Partnership (GWP),
The French Development Agency (AFD),
The GEF, UNESCO and UNECE,
MERCI DE VOTRE ATTENTION! 
THANK YOU FOR YOUR ATTENTION!

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Международная сеть водохозяйственных организаций,
Réseau International des Organismes de Bassin
International Network of Basin Organizations
Red Internacional de Organismos de Cuenca
الشبكة الدولية لهيئات الأحواض