

A composite image featuring the Statue of Liberty on the left and the Eiffel Tower on the right, set against a clear blue sky. The Statue of Liberty is shown from the waist up, holding a torch and a tablet. The Eiffel Tower is shown from a low angle, looking up at its lattice structure.

WELCOME IN FRANCE at COP21

WATER AND ADAPTATION TO
THE EFFECTS OF CLIMATE CHANGE

-Action Agenda-

2 December 2015

WE MUST
CAN
WILL

   
Lima-Paris Action Agenda



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

At the twenty-first Conference of the Parties to the United Nations Framework Convention on Climate Change (COP21 / CMP11) organized from 30 November to 11 December 2015 in Paris, **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 Water into the Climate change Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers and large wetlands.

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.



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

v14

Paris Pact



www.inbo-news.org
www.cop21.gouv.fr/en

1



International
Network
Of Basin
Organizations



INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

Created in 1994 to facilitate operational exchanges between BO



International Network Of Basin Organizations

INBO's REGIONAL NETWORKS



الشبكة الدولية لهيئات الأحواض

191 FULL MEMBERS or PERMANENT OBSERVERS
in 82 COUNTRIES



**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**





Promoting cooperation on the ground and exchange of experience



- Global network of basins working on water and climate in cooperation with INBO and others:
 - Basins with different priorities (water scarcity, floods)
 - Currently 14 basins
- Platform for exchanging experiences:
 - Regular workshops and meetings of the Task Force and basin meetings
 - Internet platform
- Cooperation with UNFCCC, EU and others

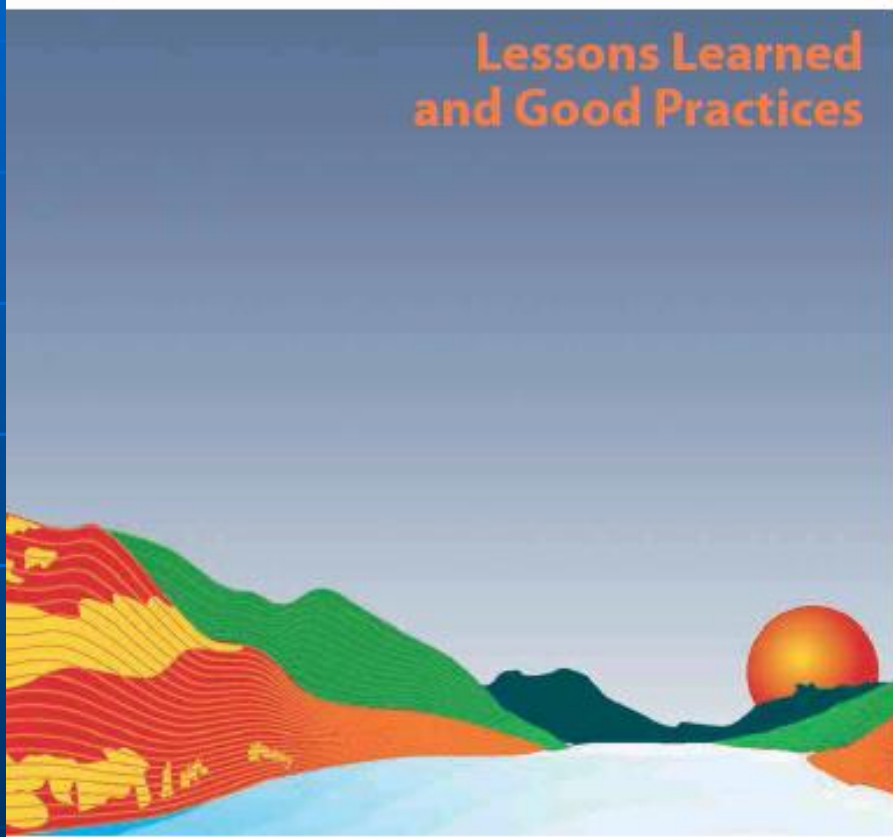




UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

Water and Climate Change Adaptation in Transboundary Basins:

Lessons Learned and Good Practices



UNITED NATIONS



**International
Network
Of Basin
Organizations**



PARIS2015
CONFERENCE OF THE PARTIES
COP21-CMP11

FRESH WATER IS A TIME BOMB!!!



International
Network
Of Basin
Organizations



Water is one of the first victims of climate change!



PARIS2015
CONFERENCE OF THE PARTIES
OF THE UNITED NATIONS
COP21-CMP11

Climate change consequences



International
Network
Of Basin
Organizations

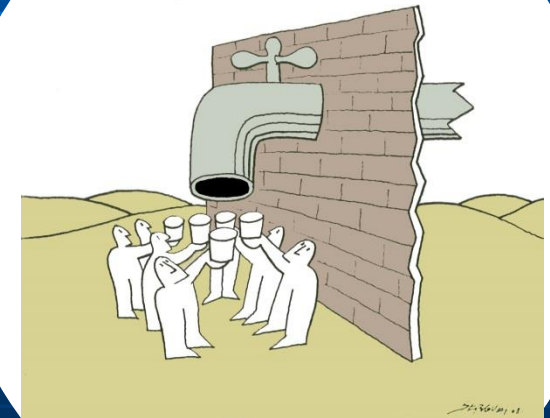


The climate change is likely to increase the frequency of extreme events, such as floods and droughts:

Conflicts!!



International
Network
Of Basin
Organizations



We should act quickly before it is too late!



PARIS2015
CONFERENCE OF THE PARTIES
COP21-CMP11



International
Network
Of Basin
Organizations

**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



International
Network
Of Basin
Organizations

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?



298 SIGNATORIES!!





**International
Office
For Water
PARIS-FRANCE**



**International
Network
Of Basin
Organizations**

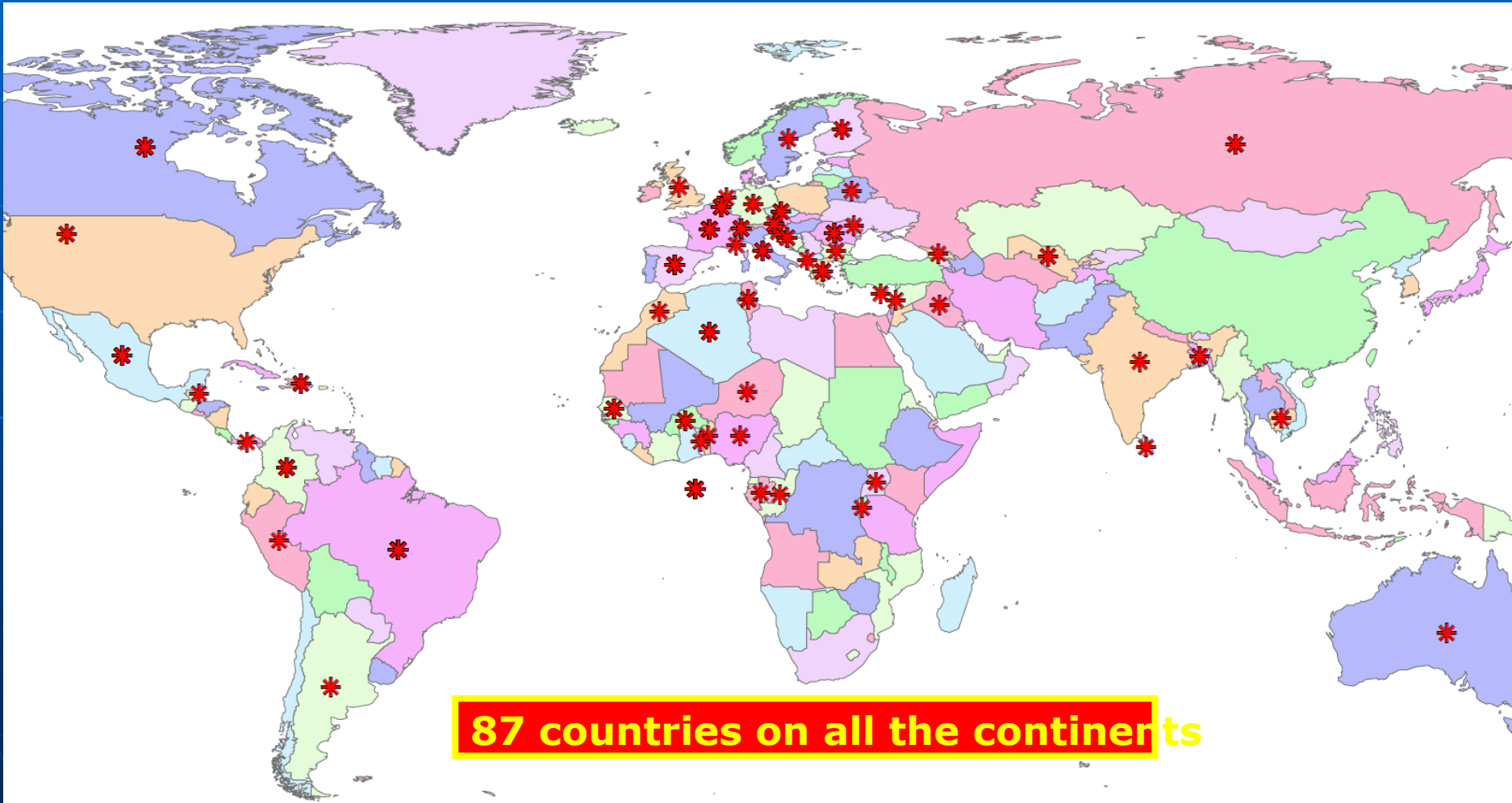




World Map of the «Paris Pact» signatories



International
Network
Of Basin
Organizations





**International
Network
Of Basin
Organizations**

Today, More than **324** organizations have signed the Pact!

- **International Organisations = 34**
- **Transboundary basin Authorities = 13**
 - Parties- Countries = 52
- **INBO' Networks of Basin Organizations = 8**
- **Ministries and national water agencies = 64**
- **205 others signatories in 54 countries**

(87 countries ic. others parties in transboundary BO)

cop21-Paris-pact.inbo-news.org

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

At the twenty-first Conference of the Parties to the United Nations Framework Convention on Climate Change (COP21 / CMP11) organized from 30 November to 11 December 2015 in Paris, **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 Water into the Climate change Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers and large wetlands.

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.

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

v14

Paris Pact

www.inbo-news.org
www.cop21.gouv.fr/en



“Paris Pact” flagship projects

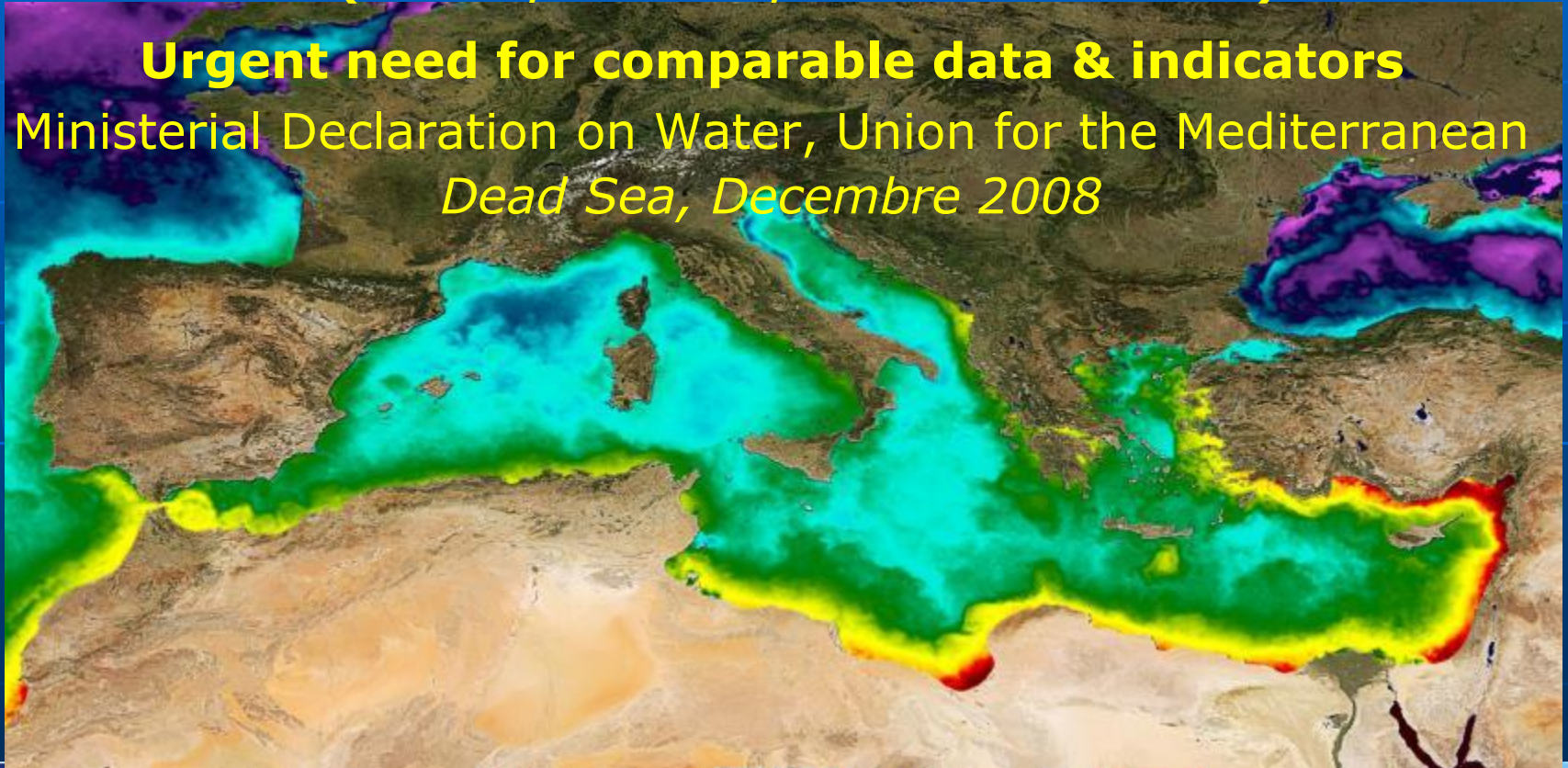


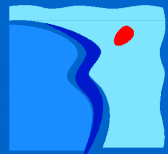
International
Network
Of Basin
Organizations

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





“Paris Pact” flagship projects



International
Network
Of Basin
Organizations

International
Office
For Water
PARIS-FRANCE

THE MEDITERRANEAN WATER KNOWLEDGE PLATFORM Knowledge for adaptation

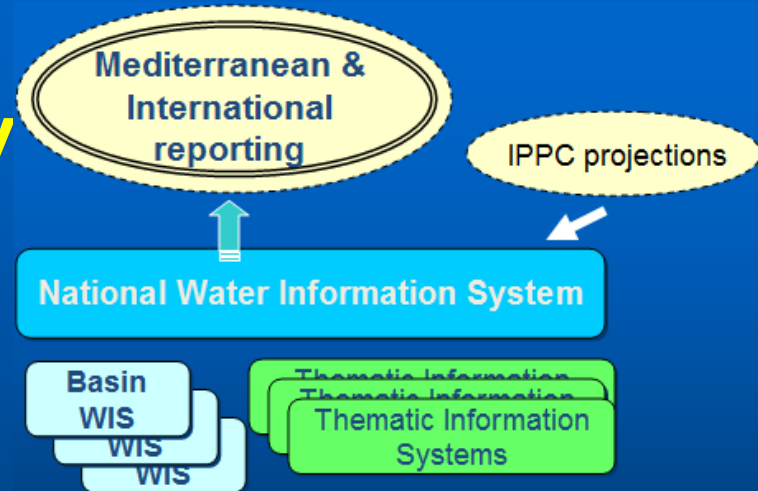
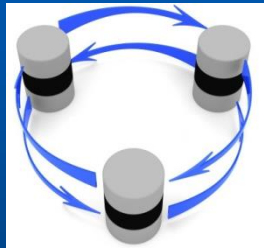
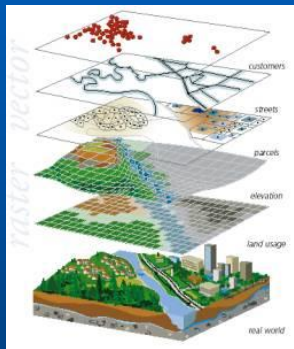
(Jordan, Lebanon, Monaco, Morocco, Spain & Tunisia)

- **Context:** - A region of chronic water scarcity (less than 1000 m³/inhabitant/year),
- Highly vulnerable to climate change (rainfall patterns, floods and droughts).
- **Objective:** **Developing knowledge to increase basin capacities for adaptation**
 - Strengthening **National Water Information Systems** (4 pilot countries; 2nd phase open-ended),
 - Producing a “white paper” (6 pilot countries ; 2nd phase open-ended):
 - o Diagnosis of the water resources,
 - o Diagnosis of the uses,
 - o Recommendations on policies and actions needed for adaptation.
- **Beneficiaries:** 100 million people living in the beneficiary countries.
- **Timeframe:** phase 1: 2014- 2017; phase 2: 2018-2020
- **Funding/commitments:** 9 525 000€

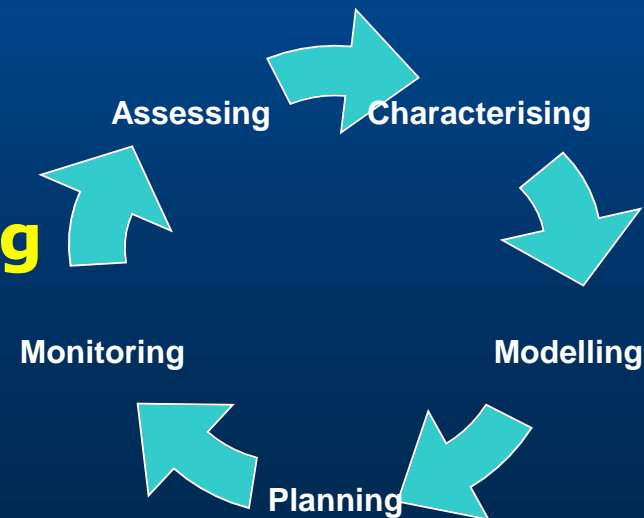


Responding to Climate and Development Challenges

- **Organising data sharing and management in each country**



- **Building capacities for monitoring, evaluation, planning**



- **Exchange of experiences**

République du Liban



Creation of the Lebanese Water Training and Information Center

1. National Water Information System

2. National Water Training Center

On ne peut pas bien gérer ce qu'on ne connaît pas!!!

If we cannot measure, we cannot manage!!