



MARRAKECH
COP22|2016|CMP12
UN CLIMATE CHANGE CONFERENCE



Initiative
WATER FOR AFRICA



AFRICA: KEY FIGURES

- 6% of the Earth's surface
- 30 415 873 Km²
- 5 main regions:
North Africa, West Africa, Central Africa, East Africa and Southern Africa
- 16% of the world population in 2010
- 64% of the rural population



AFRICA, SECOND DRIEST CONTINENT IN THE WORLD

670 mm of annual rainfall against 814 mm at global level

4000 billion of fresh water per year: only 9% of global freshwater resources

Several climatic zones : mediterranean, arid, dry tropical, wet tropical, equatorial

Over 40% of the African population lives in arid, semi-arid and sub humid zones

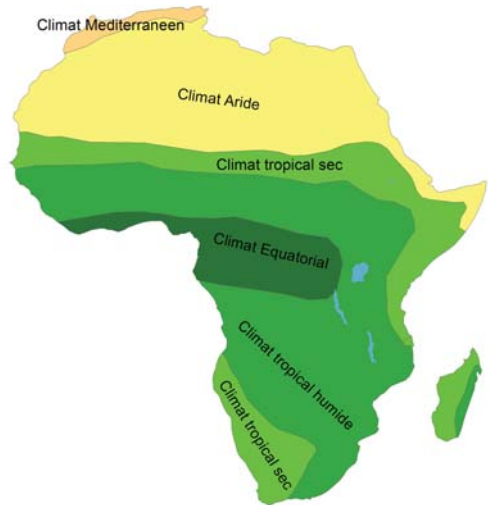
The proportion of the African population at risk of water scarcity is 38%



WATER IS UNEQUALLY DISTRIBUTED IN AFRICA

Annual ratio per capita (m³ / year / person):

- North Africa: 400 -700
- West and East Africa: 1000-5000
- Central Africa: > 13 000
- Southern Africa: 5000-9000



AN UNDER-EQUIPPED CONTINENT IN HYDRAULIC INFRASTRUCTURE

Low capacity of raw water storage: approximately 1170 Km³ (Over 1270 dams)

Dams concentrated in Southern Africa with 44% and North Africa with 18% and the least equipped region of dams is Central Africa with nearly 5%

Only 20% of available water resources in Africa are stored annually in dams

Low rates of use of renewable water resources

Low Irrigated area: only 5% of crop land



AFRICA IS LARGELY BELOW THE GLOBAL AVERAGES FOR THE MAJORITY OF DEVELOPMENT INDICATORS RELATED TO WATER AND SANITATION

A third of Africa's population, or 330 million, have no access to safe drinking water

Only 64% of Africans have access to improved water sources

Less than 10% of the hydroelectric potential



AFRICA IS THE CONTINENT MOST VULNERABLE TO CLIMATE CHANGE

Seven of the ten countries most threatened by climate change are in Africa



Water is the first sector through which the African population suffers from the impacts of **climate change**

The arid and dry subtropical part of Africa, would be the region where **climate change** will be the **largest in 2100**

47% of the African population has been facing water stress in 2000 and could rise to **65% by 2025**



The regions already affected by **severe aridity** as the Sahel would expect an increase in droughts

Africa, is also exposed to **greater risks of flood**

The negative effects of **climate change** already reduce the **GDP of Africa about 3%**

Changes in the water sector are also behind the **migration phenomenon**

Africa lacks funds for water and sanitation

Africa as the main victim of disasters related to climate change and in need of funding and expertise receives less than **5% of total climate funds**



Initiative
WATER FOR AFRICA

CHALLENGES

Development of infrastructure of water resources mobilization and mastering

Strengthening Health and Food Security:

- Generalizing access to drinking water (nearly 330 million of Africans need to access the services of drinking water)
- Moving from subsistence agriculture to irrigated and productive agriculture

Mobilization of funding to carry out drinking water and sanitation infrastructure (US \$ 11 billion / year to mobilize)



TIME FOR ACTION

Engage a **specific agenda** for water and climate change in Africa

Develop and **adopt** a Priority Action Plan for achieving the **sustainable development** Goals related to water in Africa






AVAILABLE FUNDING

Facilitate access to **finance African** projects: climate, classic, PPP

Create a specific **fund for Africa**






Initiative

WATER FOR AFRICA

IMPLEMENTATION



CAPACITY BUILDING

INTERNATIONAL COOPERATION

TRANSFER OF TECHNOLOGIES AND GOOD PRACTICES

ESTABLISHMENT OF AN INCUBATION AND MONITORING MECHANISM OF PROJECTS AND COMMITMENTS



INITIATED BY:

Ministry Delegate in charge of Water, Kingdom of Morocco

IN PARTNERSHIP WITH:

Ministry of the Environment, Energy and the Sea, France

World Water Council

African Development Bank



Initiative
WATER FOR AFRICA



KINGDOM OF MOROCCO



Ministry Delegate to the Ministry for Energy,
Mining, Water and Environment,
in Charge of Water

