



Opportunities & Challenges in Transboundary Water Infrastructures Financing

By Francis Daniel BOUGAIRE

Manager, Water Coordination & Partnerships Division
Water Development & Sanitation Department | AfDB

- **Water Infrastructure Challenges in Africa**
- **TWRM Landscape in Africa**
- **Trans-boundary Water Governance Functions- L/RBOs Roles**
- **Bank Group's Support to the Water Sector**
- **Way Forward: Key messages.**

Water Infrastructures Challenges in Africa



Infrastructure Deficit: Underdevelopment of water resources

- **WSS access: 72% & 39% - MDGs not met**
- **Low storage capacity and limited resilience to water-related disaster risks (droughts, floods, etc.)**
- **Low hydropower developed : <5% of potential**
- **Arable land irrigated: Approx. 7%**
- **WSS funding gap of USD 6-14bn/year: about half of what is needed**

Weak Sector Management and Governance

- **Weak institutions, systems, O&M/sustainability, human capacity**
- **weak regional & transboundary cooperation**
- **Insecurity and conflicts**
- **Low sector priority and visibility**

➡ Inadequate water security hindering inclusive and green growth

TWRM Landcape in Africa

- ✓ 80 international river basins
- ✓ 38 transboundary groundwater aquifer basins
- ✓ Continental Africa has the highest number of transboundary river basins of any continent, which collectively:
 - i. covers 64% of Africa's surface area and
 - ii. contain > 93% of its surface water resources.
- ✓ Around 40 River Basin Organizations created so far.

Transboundary Water/Governance Functions-L/RBOs Roles



- Exchange and harmonization of water information and knowledge
- Preparation of Adaptation Strategies to meet future hydrological scenarios
- Early warning systems and contingency plans to deal with extreme events
- Dispute resolution (reducing the risks of Water Conflicts)
- Basin water management plans for surface and groundwaters
- Strategic Water Investment Planning and Implementation.

➔ *Potential opportunities to access climate and other finances for basin-wide activities & Infrastructures financing.*

Bank Group's Support to the Water Sector

- At the end of 2019, the active portfolio of the water sector consisted of 95 national projects implemented in 40 countries, and six multinational projects.
- The Bank is also increasing focus to transboundary water resources management and development.
- Over the next 12 years, investments in the water sector will average 8% of all Bank investments, benefitting an additional 154 million people.

Way Forward: Key Messages

- Need enhanced political commitment, institutional capacity, water resources knowledge and financial mobilisation.
- Benefit sharing approaches, including social and environmental aspects, are necessary tools for realistic investment planning and decision making.
- Effective L/RBOs & RECs are essential for fast-tracking cross-border Water Infrastructure Investments.

Thank you

