

South Africa is a
Water Scarce
Country

USE WATER
SPARINGLY



SUMMIT 2022

National Water and Sanitation Summit

18-19 February 2022

WATER IS LIFE SANITATION IS DIGNITY



water & sanitation
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



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Commission 7: Transboundary Water Partnerships

18 Feb 2022

Time: 15:30-18:30

Guest Speaker: H E DM Magadzi

Session Chair: Alex Simalabwi

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SESSION OBJECTIVE:

To provide for the *new thinking* in transboundary water cooperation, in particular transboundary water cooperation with a view to enhance transboundary water *investments* including shared aquifers, governance model, taking not account issues of climate change.

23 Transboundary Water and **Hydropower Projects** supported Across Africa

- 1. Continental Africa Water Investment Programme (AIP)**- with 5 pilot basins-Zambezi, Volta, Lake Chad, Kegeza/Lake Victoria and North-West Sahara Aquifer; and 5 pilot countries in Red (Benin, Cameroon, Uganda, Tunisia & Zambia)- support PIDA Water early-stage project preparation and resource mobilisation and PIDA PAP II rolling pipeline development

North Africa (UMA)

1. Using solar and wind energy to extract groundwater in the pastoral wells in the western region of the Jafara Plain

West Africa (ECOWAS)

1. Noubiel Multi-purpose Dam
2. Fomi Multipurpose Dam Development Project
3. **3,050 MW Mambilla Hydroelectric Power**
4. **CI-ENERGIES, WAPP**

Central Africa (ECCAS)

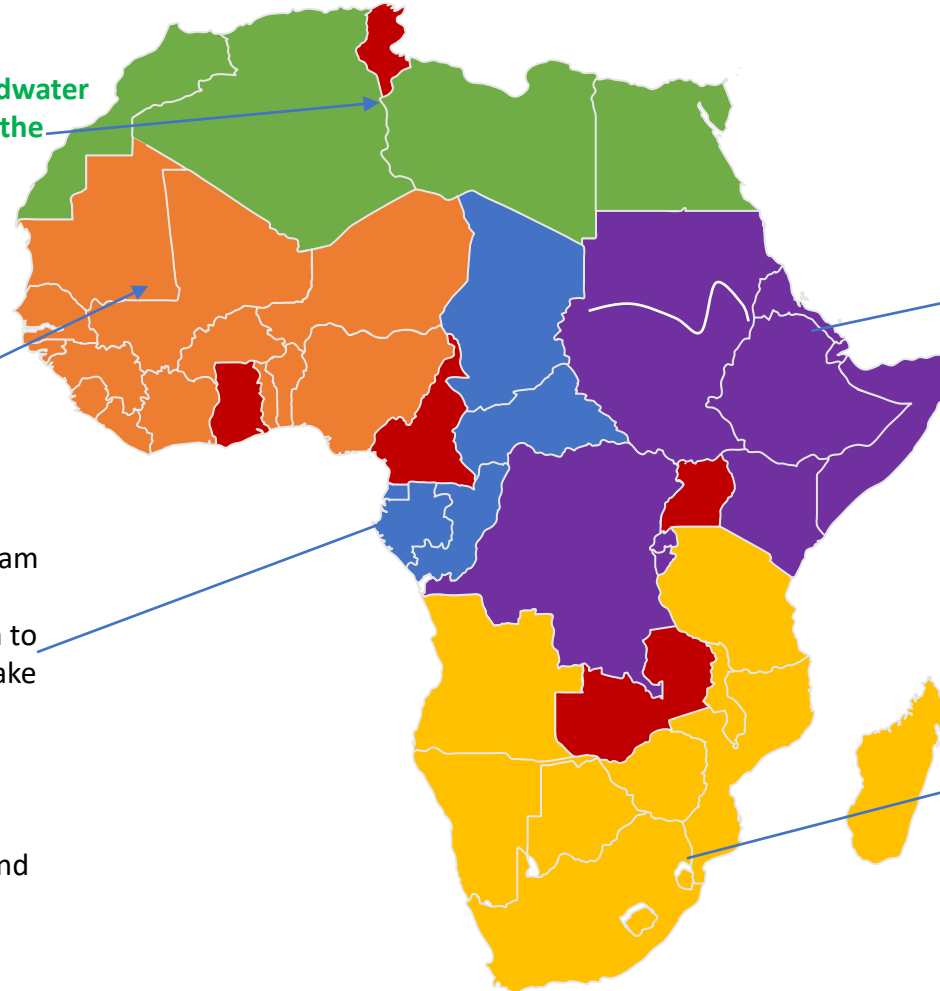
1. Construction and development of the Palambo dam and hydroelectric power plant
2. Mobilisation and transfer of water from Bria dam to lake Chad & Feasibility and in-depth studies on Lake Chad Développement
3. Inland water transport facilitation, securing river navigation and sustainable water resource management in the Congo Basin
4. Operation of hydrometric stations of São Tomé and Príncipe.
5. **Grand INGA Phase 1**
6. **BOOUE and TSENGUE-LELEDI hydroelectric sites**
7. **CHOLLET hydroelectric site Development of the BAC**

East Africa (ECA/IGAD)

1. Dawa River Multi-purpose Dam
2. Angololo Multipurpose Water Resources Development Project (Angololo Dam)

Southern Africa (SADC)

1. Lesotho Botswana Water Transfer
2. Noordoewer-Vioolsdriefft Dam
3. Lesotho Highland Phase II
4. Water Supply Project in Antanambao Manampotsy (Atsinanana Region)
5. Modernisation of water infrastructure through implementation of a telemetry, supervisory control and data acquisition system (SCADA) for Mauritius
6. **Baynes Hydropower Project**
7. **Luapula Hydropower project**

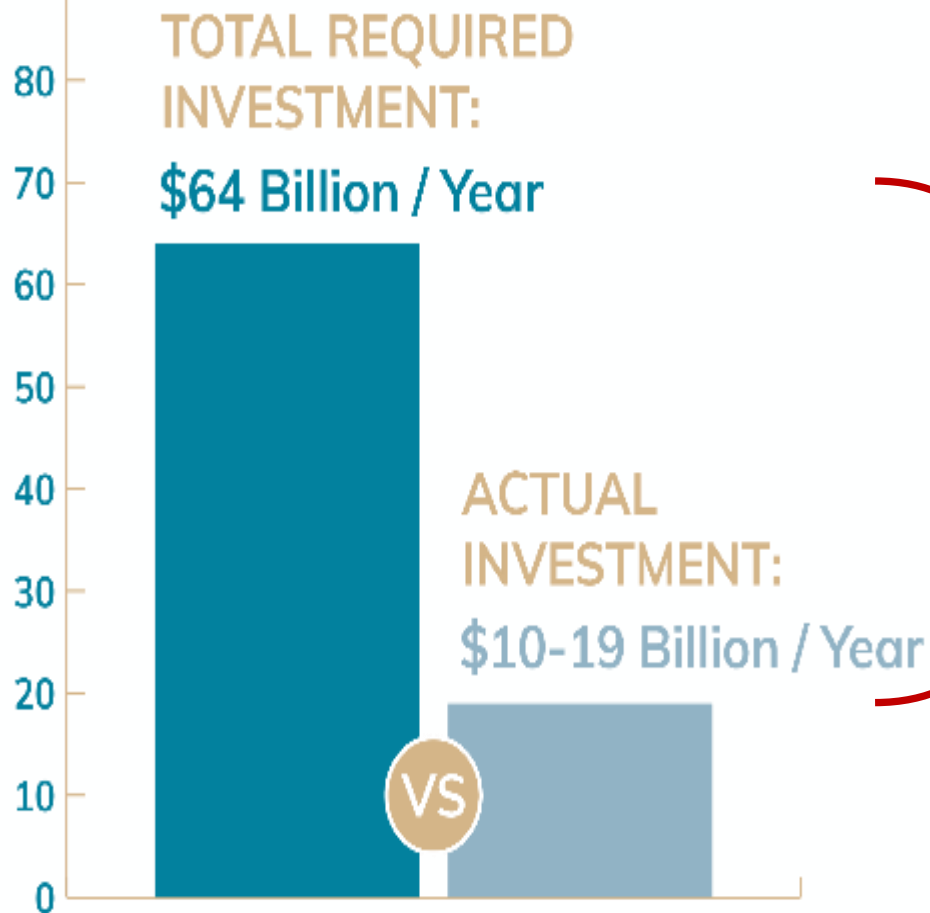


Session to draw on the experience of over 23 partners developing the 'AIP-PIDA Water Investment Scorecard'



WHY : TO NARROW THE WATER INVESTMENT GAP

Delivery of water investments across Africa remains below target required to meet the water needs of the continent



Narrow the Water Investment Gap

AIP

Mobilise \$30 billion/year by 2030

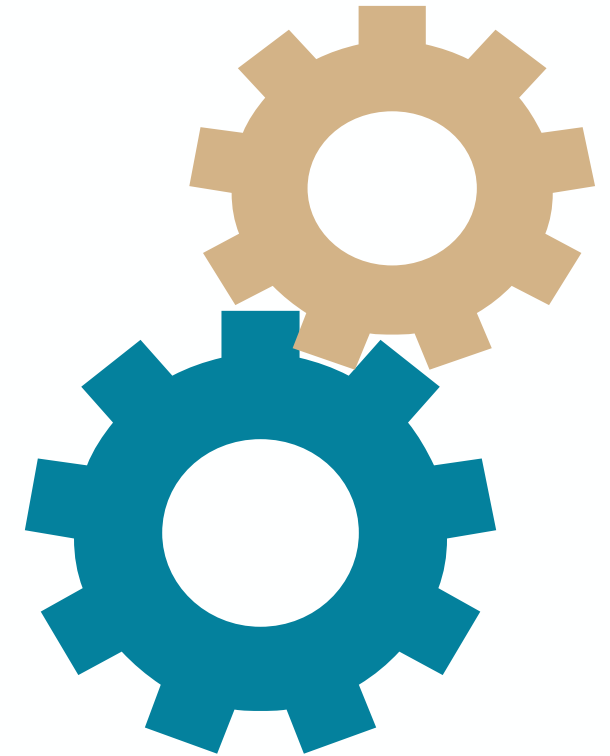
USD64 billion/year is required to be invested in water security annually to meet African Water Vision 2025 & SDG targets, according to the African Development Bank / African Water Facility Strategy for 2017-2025.

In reality, only \$10-\$19 billion/year is invested in water security

AIP aims to narrow the water investments gap of \$45-\$54 billion/year by mobilising \$30 billion/year by 2030

WHY AIP-PIDA WATER INVESTMENT SCORECARD?

- Approved by AU Heads of States on 6 February 2022.
- Support countries to **track progress, identify bottlenecks to be addressed** to narrow the water investments gap
- **make a case to mobilise political and leadership commitment**
 - accelerating and mobilising water investments to meet growing needs and narrow gap
 - enhance enabling environment for investments
- **enhance mutual accountability** through tracking progress and sustaining political commitment to take action
- serve as a tool to **engage with public and private investors**
- **set benchmarks and assist countries** to track and increase the understanding of the water investment gap
- **display country-level performance** against high-priority water investment thematic indicators for follow-up (not a static tool)



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ISSUES TO BE RAISED BY MODERATOR:

- a. Sharing of successful model of cooperation and investment mobilization using the Lesotho Highlands Water Project:
- b. Emerging issues on transboundary cooperation on shared aquifers and climate change; national and regional and international experience
- c. Governance model of transboundary water cooperation and recommendation to strengthen water cooperation
- d. Financing and water investments models to sustain Commissions

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SUBTHEMES OF THE SESSION

- a. **The Lesotho Highlands Water Project:** a cooperation model for transboundary water cooperation
- b. **Shared aquifers** as a source of water security for riparian states.
- c. **Regional perspective** on conjunctive use of surface and ground water resources to promote water security
- d. **Strengthening governance in River Basin Commissions** and funding models to sustain the Commissions.
- e. **Climate resilient and water,** the transboundary perspective.

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OUTCOMES OF THE SESSION

- Provides opportunity to engage and identify possible actions to enhance water cooperation for South African communities in shared watercourses.
- To share experiences on conjunctive use of surface and ground water resources to promote water security
- Get inputs from experts, commissioners aimed at improving South Africa's cooperation in meeting its international obligations in transboundary water cooperation including governance.
- To share experiences and best practices and strategies to enhance bilateral, regional and international cooperation
- Experiences and tools to foster transboundary investments and cooperation : AIP-PIDA Water Investment Scorecard

Time	Speaker	Sub theme
15.30-15.05h	Alex Simalabwi, Session Chair <i>Executive Secretary, GWP Africa</i>	Introduces the purpose of the session and introduces the Panel members and Panel Members present.
15h05 – 15h20	<u>Key Note Address:</u> H E DM Magadzi,	Introductory remarks and setting the scene
15h20 – 15h50	Tente Tente <i>Chief Executive, Lesotho Highlands Development Authority</i>	The Lesotho Highlands Water Project: A cooperation model for transboundary water cooperation; <u>Beyond cooperation towards investment mobilization- experiences, key success , impacts, gender considerations, challenges and lessons</u>
15h50 – 16h10	Dr Kevin Pietersen <i>Senior Lecturer, Institute for Water Studies, University of the Western Cape</i>	To share experiences on conjunctive use of surface and ground water resources to promote water security; <u>Beyond cooperation towards investment mobilization- experiences, key success , impacts, climate, gender considerations, challenges and lessons</u>
16h10 – 16h30	Dr James Sauramba <i>Executive Director – SADC Ground Water Institute (SADC-GMI)</i>	Regional perspective on conjunctive use of surface and ground water resources to promote water security: <u>Beyond cooperation towards investment mobilization- experiences, key success , impacts, climate, gender considerations, challenges and lessons</u>
16h30 – 16h50	Mr Lenka Thamae <i>Executive Secretary of the Orange Senqu River Basin Commission (ORASECOM)</i>	Strengthening governance in the River Basin Commissions and funding models: <u>Beyond cooperation towards investment mobilization- experiences, key success , impacts, climate, gender considerations, challenges and lessons</u>
16h50 -17h10	Mr Anton Earle and Andrew Takawira Anton Earle <i>Director, Africa Regional Centre, Stockholm World Water Institute</i>	Experiences in mobilization investments for transboundary cooperation: <u>AIP-PIDA water investment scorecard as tool for mobilizing investments</u>
17.10h-18.20h	Panel Discussion: How the PIDA Water Investments Scorecard can assist to mobilise investments	
18.50h-18.30h	Closing Remarks-Session Chair	Summary and session close

Thank you