


Water and Sustainable Development Opportunities and Challenges in Africa Region

**SDGs for Water & The African
Water Vision 2025**

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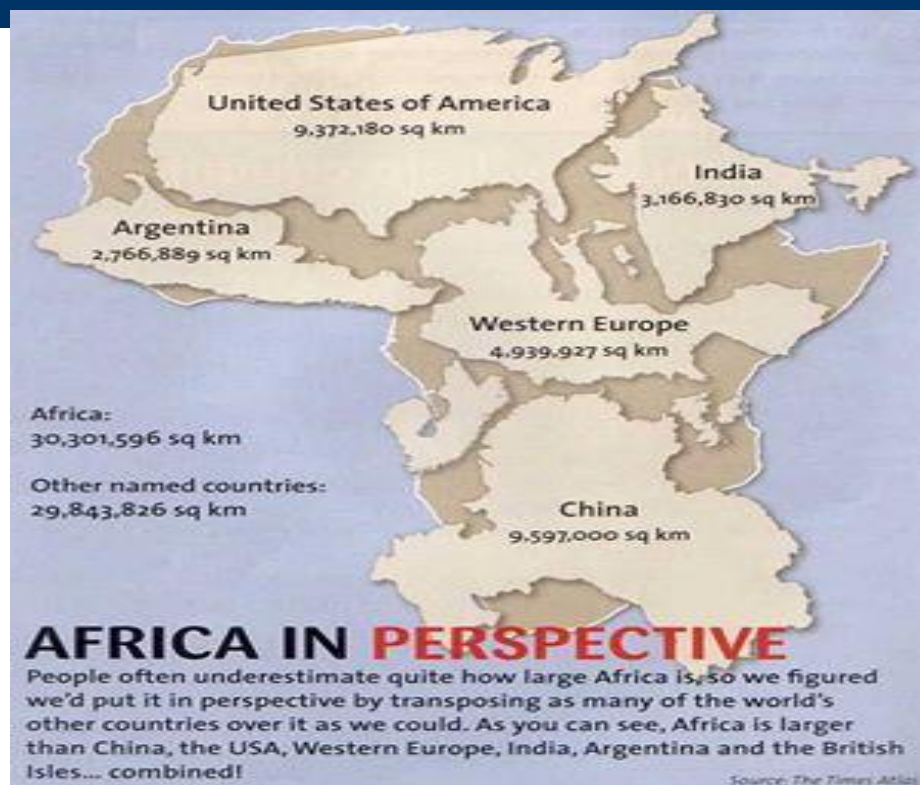
Quotable Quotes

- No Peace without Development- Jan Eliasson, Dep UNSG’.
- No Water No Future – Crown Prince Willem Alexander
- No Development without Water
- No Sustainable Development without protecting our water source to ensure their quantity and Quality.

Presentation Outline

- Overview of African Water Situation
- Status of Achievement of MDG on Water
- Relevance of Emerging SDG Water Goal and Targets to Africa's Water Vision
- Challenges of Implementation and capacity development,.
- Opportunities- Hydropower at Inga.
- Concluding Messages

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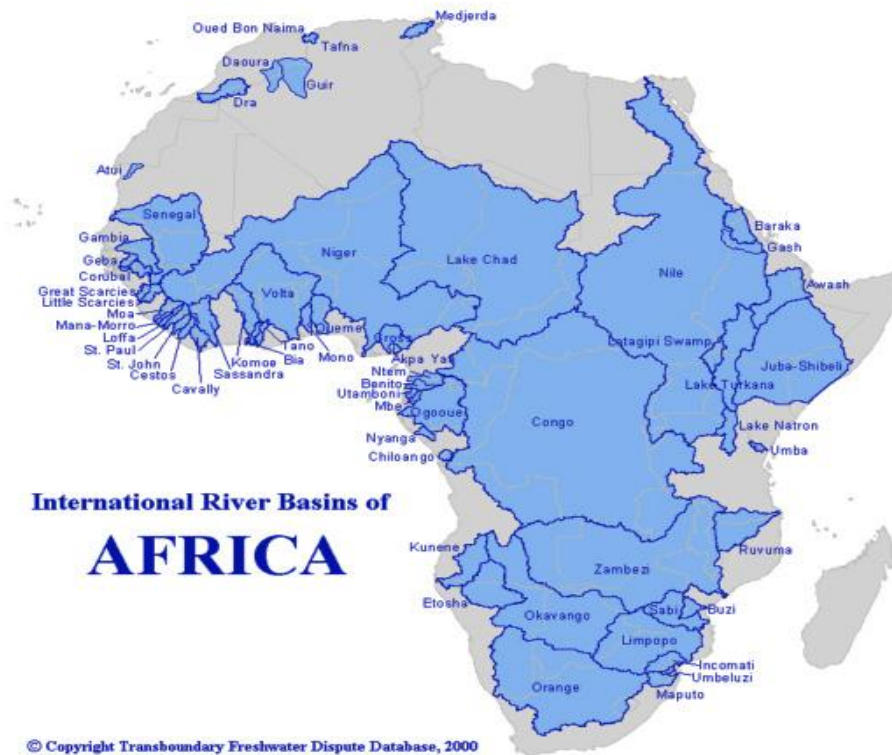
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Overview of African Water Resources

Natural Threats:

- Multiplicity of Transboundary water basins;
- Extreme of spatial and temporal variability of climate and rainfall, coupled with Climate Change;
- Growing water scarcity, shrinking of water bodies and desertification

Africa River Basins



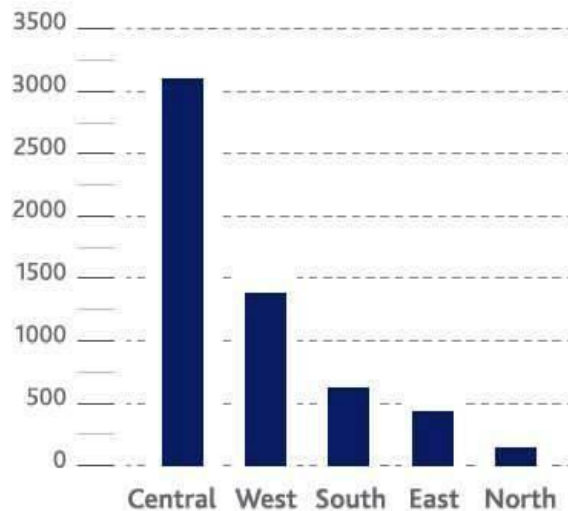
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Africa Water Availability

WATER: A CRITICAL RESOURCE, MOSTLY UNTAPPED, UNEVENLY DISTRIBUTED

- Renewable water resources are unevenly distributed among Africa's regions.

Total renewable water resources
(actual) (billion m³/year) 2012



Total renewable water resource per capita
(actual) (m³ per capita/year) 2012

Top 5 countries

Congo	200,966
Gabon	106,910
Liberia	56,188
Equatorial Guinea	36,111
Central African Rep.	32,182

Bottom 5 countries

Libya	109
Algeria	324
Djibouti	331
Tunisia	434
Cape Verde	599

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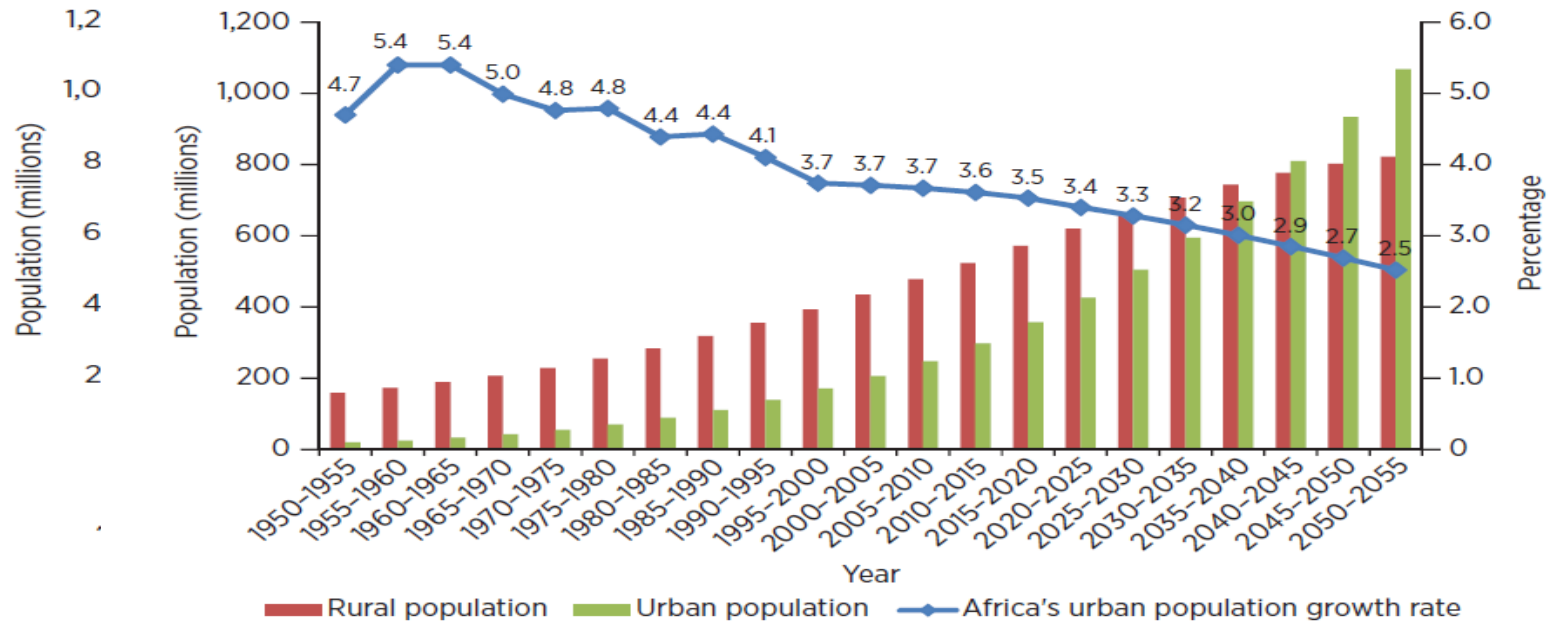
Overview of African Water Resources

Human Threats:

- Inappropriate Governance and Institutional arrangements in managing national and trans boundary water basins;
- Depletion of water resources through pollution, environmental degradation and deforestation;
- Failure to invest adequately in resource assessment, protection and development
- Unsustainable financing investments in water systems including sanitation.
- Rapid Urbanization

The African Urbanization Process

Fastest urban population growth in the world



Large urban areas, and unplanned smaller urban centers present the biggest threat, but also the biggest opportunity

Adapted From: AU/AMCOW Monrovia SDG presentation on Waste Water Management and Water Quality

Status of MDG 7 Achievement

- Progress was made by all African Countries on the MDG for access to improved sources of water supply
- Similarly progress was made on the MDG for Sanitation even though to a lesser extent.
- Key but unobserved indicator may be the actual progress made from 2000 when MDG was adopted⁴
- Starting from low levels it is also important to show the actual progress made

Vision Statement

“ An Africa where there is **equitable** and **sustainable** use and management of water resources for **poverty** alleviation, **socioeconomic** development, **regional cooperation** and the **environment** “

Meeting Basic Needs (1)

- Clean drinking water
- Food security
- Ecological flows

Improving Water Wisdom (2)

- Building human and institutional capacity to assess the resource.
- Assessing water uses.
- Building data generation networks for the water cycle.
- Creating efficient retrieval , storage, analytical and dissemination systems

Sustainable Financing (3)

- Sustainable Financing for policy and institutional reform and capacity building
- Sustainable financing for information generation and management
- Financing Urgent water needs (cost recovery, private sector participation and domestic and international finance)

Sustainable Financing (3)

- African Water Facility
- Increased Financing from IFIs and Development Partners (AfDB, WB, GEF, USAID and bilaterals)
- Policy Reforms at National Level with increases in Budgetary allocations.
- Indirect Financing such as CAAPD, Power Africa, Sustainable Water for All. Sustainable Energy for All, etc.

Regional Integration (4)

- Development of National , Basin and (sub) Regional Policies and comprehensive institutional reform.
- Enabling Environment for regional cooperation on shared water (existing R/L/ABOs strengthened and New ones created)

Regional Integration (4)

- Institutionalizing AMCOW and REC Water Units; ANEW; ANBO.
- NEPAD Water related Activities
- Improved M&E and Reporting processes to foster Regional Integration and Transboundary Cooperation. (AUC Summit Reports)
- Increasing number of Transboundary Cooperative Agreements
- Major Water Infrastructure Projects (Inga, Nile, Senegal, Lesotho Highlands etc.)

Relevance of Emerging SDG Water Goal and Targets to Africa's Water Vision

Challenge	Details	AWV Target	SDG Target	MDG Target
Meeting Basic Needs	Clean drinking water and sanitation	X	X	X
	Food security	X	X	X
	Ecological flows	X	X	

Relevance of Emerging SDG Water Goal and Targets to Africa's Water Vision

Challenge	Details	AWV Target	SDG Target	MDG Target
Improving Water Wisdom	Building human and institutional capacity to assess the resource.	X	X	
	Assessing water uses. Building data generation networks for the water cycle.	X	X	
	Creating efficient retrieval , storage, analytical and dissemination systems	X		

Relevance of Emerging SDG Water Goal and Targets to Africa's Water Vision

Challenge	Details	AWV Target	SDG Target	MDG Target
Sustainable Financing	Sustainable financing for information generation and management	X		
	Sustainable Financing for policy and institutional reform and capacity building	X	X	
	Financing Urgent water needs (cost recovery, private sector participation and domestic and international finance	X	X	X ?

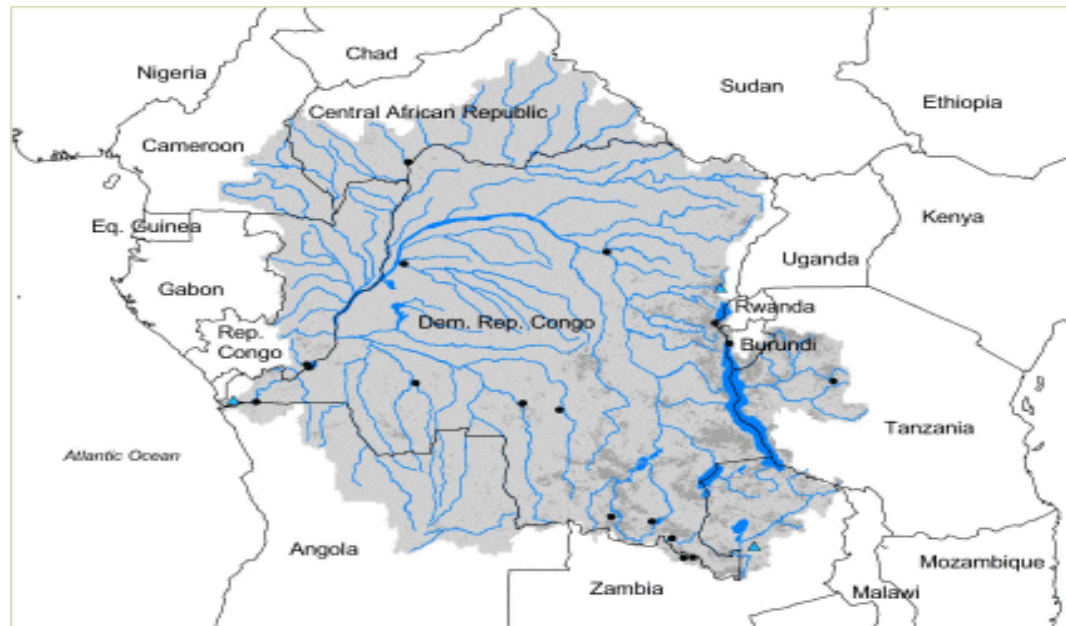
Relevance of Emerging SDG Water Goal and Targets to Africa's Water Vision

Challenge	Details	AWV Target	SDG Target	MDG Target
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	Enabling Environment for regional cooperation on shared water (existing R/L/ABOs strengthened and New ones created)	X	X	

Challenges of Implementation and capacity development of SDG

- SDG implementation must be within Framework of African Water Vision to avoid duplication.
- Going beyond formal structures and building the capacity of communities for Implementation.
- Embedding SDG with National Development Planning and Budgetary processes.

Opportunities – Hydropower of Congo Basin

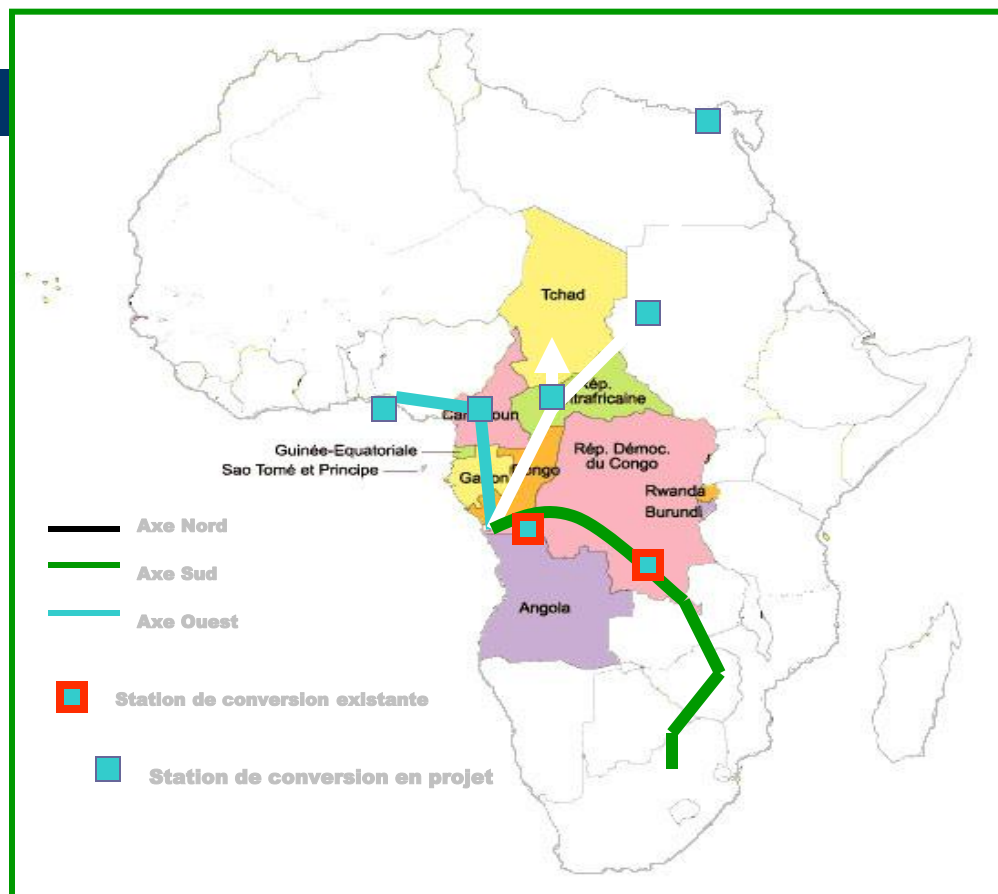


- Area: 3 822 000 km² ;
- Length: 4 734 km (2d in Africa after the Nile)
- Average discharge: 41 000 m³/sec (2nd after Amazon)

- Enormous hydropower potentials : more than **100 000 MW** of which **44 000 MW** located at **Inga site** ;
- **13% World hydropower potentials located in Congo basin**
- **only 4% of those potentials have been used**



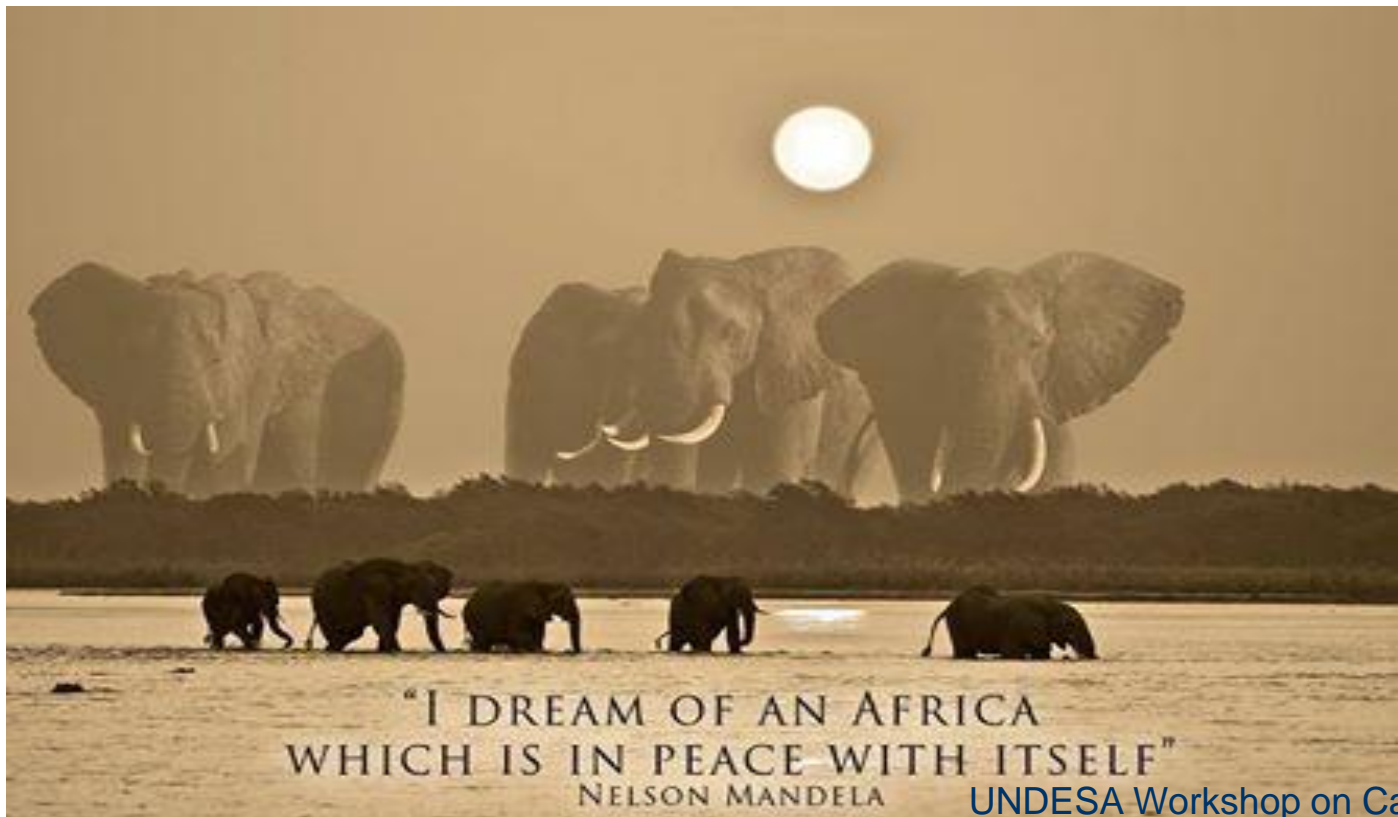
Africa-wide Electricity Inter – Connection option from Inga



Concluding Messages

- **Water in Africa is a vital resource for overall socioeconomic development and must be seen as an instrument for regional integration**
- **Africa is just past mid way to AWV 2025 and progress has been good but uneven between the challenges.**
- **Africa is now a fast growing continent instead of the hopeless one at the inception of the African Water Vision in 2000.**
- **The African Vision should inform and new commitments **SDGs**.**

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"I DREAM OF AN AFRICA
WHICH IS IN PEACE WITH ITSELF"
NELSON MANDELA

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