



IMPLEMENTATION OF TRANSBOUNDARY WATER IN THE PIDA: EXPERIENCES, LESSONS AND CHALLENGE

AUDA-NEPAD: Mandate

01

Strengthen
capacity of African
Union Member
States and
regional bodies;
Advance
knowledge-based
advisory support



02

**Coordinate and
Execute** priority
regional and
continental
projects to
promote regional
integration
towards the
accelerated
realisation of
Agenda 2063



03

Serve as the
continent's
technical interface
with all Africa's
development
stakeholders and
development
partners



04

Undertake the full
range of resource
mobilisation



**SUSTAINABLE
DEVELOPMENT
GOALS**

AUDA-NEPAD: Programme and Projects

- Current AUDA-NEPAD's areas of work :
 - ❖ **Regional Integration, Infrastructure (Energy, Water, ICT, Transport) and Trade**
 - ❖ Human Capital Development (Skills, Youth, Employment and women Empowerment)
 - ❖ Industrialization, Science, Technology and Innovation
 - ❖ Natural Resources Governance and Food Security
- ➔ AUDA-NEPAD footprint in 53 out of the 55 African Union Member States, has adopted a results-based approach and aligned its interventions to the First Ten Year Implementation Plan of Agenda 2063
- ➔ **PIDA: Programme for Infrastructure Development in Africa**

Programme for Infrastructure Development in Africa (PIDA): Overview

PIDA – Programme dedicated to facilitating continental integration through improved regional infrastructure.

PIDA PHASES (03) & Priority Action Plan (PAP)

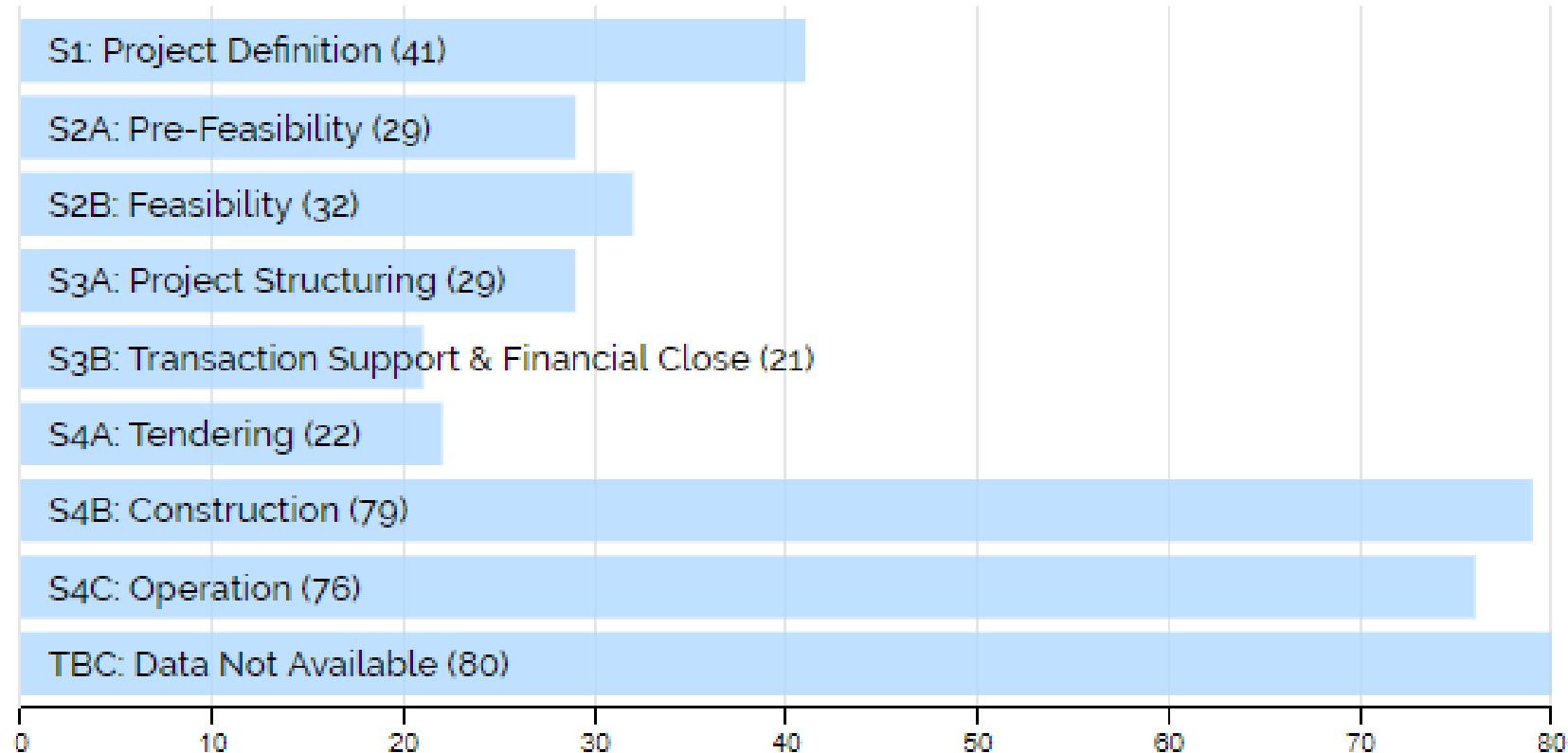
2012-2020
(PIDA PAP 1)

2021-2030
(PIDA PAP 2)

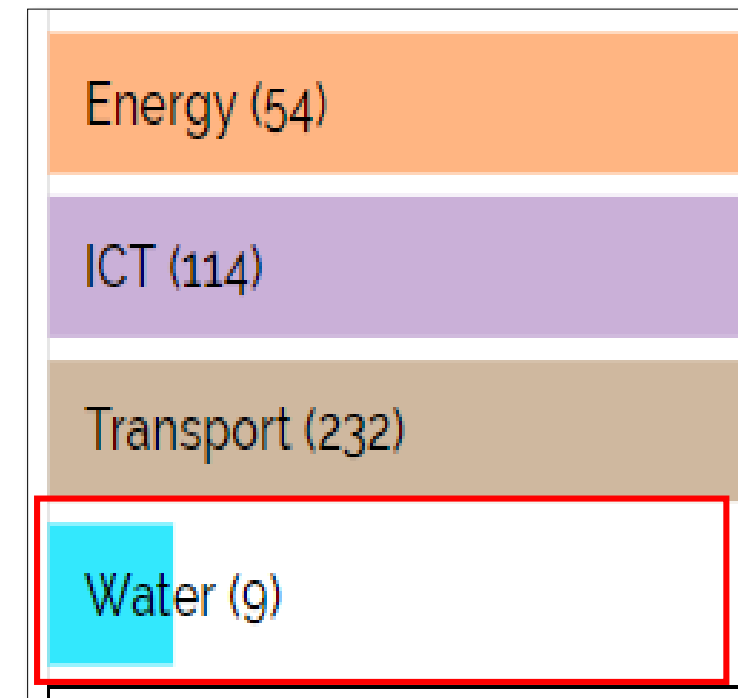
2031-2040

PIDA: Projects status: PIDA-PAP 1

Projects by Latest Actual Stages 

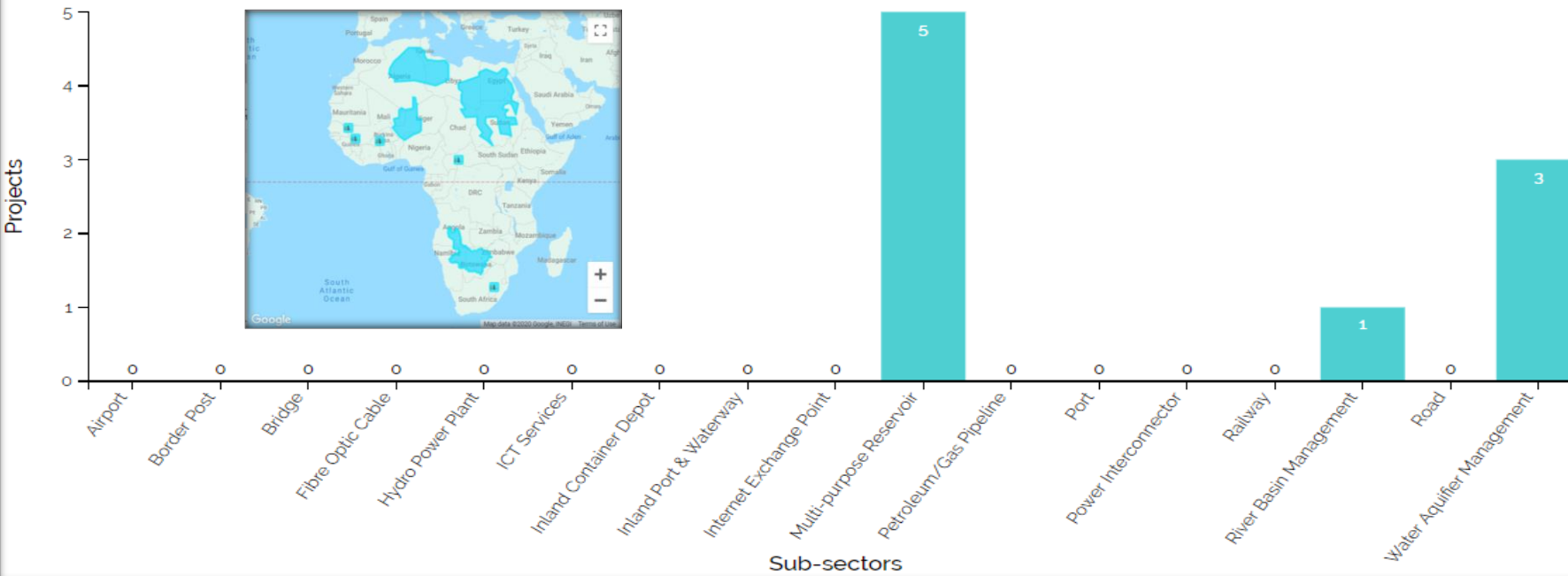


Projects by sector



PIDA: Transboundary Water projects PIDA PAP 1: Status

Projects by Subsector



No	Project Name
1	Fomi Multi-purpose Dam (Niger River Basin)
2	Koukoutamba (ex-Gourbassy) Multi-purpose Dam
3	Lesotho Highlands Water Project (LHWP) Phase II
4	Iullemeden Aquifer System
5	Okavango Basin Multi-Sector Investment Opportunity Studies
6	North-West Sahara Aquifer System (NWSAS)
7	Noumbiel Multi-purpose Dam
8	Nubian Sandstone Aquifer System
9	Palambo Multi-purpose Dam

CHALLENGES:

- Number of water projects very low (9 projects / 409 projects)
- Lack of attractiveness compared to projects of other sectors (Energy, Transport and ICT)
- Poor visibility of water projects as priority at regional level

PIDA: Transboundary Water projects PIDA PAP 1: Implementation

Project Name	Sub Sector	Location	REC	Latest Stage (Year)
Fomi Multi-purpose Dam (Niger River Basin)	Multi-purpose Reservoir	Guinea	ECOWAS-CEDEAO	S3B: Transaction Support & Financial Close (2017)
Koukoutamba (ex-Gourbassy) Multi-purpose Dam	Multi-purpose Reservoir	Mali, Senegal	ECOWAS-CEDEAO	S3A: Project Structuring (2017)
Lesotho Highlands Water Project (LHWP) Phase II	Multi-purpose Reservoir	Lesotho	SADC	S4B: Construction (2019)
Iullemeden Aquifer System	Water Aquifer Management	Mali, Niger, Nigeria	ECOWAS-CEDEAO	S2A: Pre-Feasibility (2017)
Okavango Basin Multi-Sector Investment Opportunity Studies	River Basin Management	Angola, Botswana, Namibia	SADC	S4C: Operation (2019)
North-West Sahara Aquifer System (NWSAS)	Water Aquifer Management	Algeria, Libya, Tunisia	UMA-AMU	S3A: Project Structuring (2017)
Noumbiel Multi-purpose Dam	Multi-purpose Reservoir	Burkina Faso, Ghana	ECOWAS-CEDEAO	S2B: Feasibility (2019)
Nubian Sandstone Aquifer System	Water Aquifer Management	Chad, Egypt, Libya, Sudan	IGAD,UMA-AMU	S4A: Tendering (2017)
Palambo Multi-purpose Dam	Multi-purpose Reservoir	Central African Republic, Democratic Republic of Congo	CEEAC-ECCAS	S2A: Pre-Feasibility (2017)

PIDA: Transboundary Water projects PIDA PAP 1: Implementation (10 Water-Energy-Food projects)

Project Name	Sector	Sub Sector	Location	REC	Latest stage
Sambangalou Hydropower Plant	Energy	Hydro Power Plant	Guinea, Senegal	ECOWAS-CEDEAO	S4A: Tendering (2018)
Ruzizi III Hydropower Plant	Energy	Hydro Power Plant	Democratic Republic of Congo, Rwanda	EAC	S3B: Transaction Support & Financial Close (2018)
Rusumo Falls III Hydropower Plant	Energy	Hydro Power Plant	Rwanda	EAC	S4B: Tendering (2019)
Polihali Hydropower Dam and Transfer Tunnel to Katse Dam	Energy	Hydro Power Plant	Lesotho	SADC	S2A: Pre-Feasibility
Mpanda Nkuwa Hydropower Plant (HMNK)	Energy	Hydro Power Plant	Mozambique	SADC	S3B: Transaction Support & Financial Close (2016)
Kobong Pumped Storage Dam and Hydropower Plant	Energy	Hydro Power Plant	Lesotho	SADC	S1: Project Definition
Kaléta Hydropower Plant	Energy	Hydro Power Plant	Guinea	ECOWAS-CEDEAO	S4C: Operation (2017)
Inga 3 Hydropower Plant	Energy	Hydro Power Plant	Democratic Republic of Congo	SADC	S3A: Project Structuring (2019)
Grand Ethiopian Renaissance Dam (GERD)	Energy	Hydro Power Plant	Ethiopia	COMESA	S4B: Construction (2017)
Batoka Gorge Hydro Electric Power Scheme B	Energy	Hydro Power Plant	Zambia, Zimbabwe	SADC	S4A: Project Structuring (2019)

PIDA: AUDA-NEPAD Experiences on Transboundary Water projects

Water Partnership

- AMCOW
- GWP
- RBOs
- AUC
- GIZ
- UNCCD
- RECs
- IWRM
- UNECA
- Geneva Water Hub
- Etc.


Capacity buildings

- IWL training: Water Governance
- RBOs Workshop: Experience sharing on financing water projects, managing the river basins

Development of tools

- PIDA service delivery mechanism (PIDA SDM)
- Project Preparation Facility Network (PPFN)
- PIDA Continental Business Network (PCBN)
- PIDA M&E reporting system/ Virtual PIDA information centre (VPiC)
- PIDA information and communication system (including VPiC)

PIDA: Transboundary Water projects PIDA PAP 2: Status



PIDA PAP 2

Proposed projects

Filters Active - 0 Clear All

Sector

- Energy 15
- ICT 4
- Trans-boundary Water 4**
- Transport 12

Water projects submitted (13-05-2020)

#	Project	Sector	Sub-sector	Member States (Beneficiaries)	Region	REC
1	Lesotho Botswana Water Transfer	Trans-boundary Water	Water Transfer	Botswana, Lesotho, South Africa (Botswana, Lesotho, South Africa)	Southern Africa	SADC
2	Lesotho Highlands Water Project Phase II	Trans-boundary Water	Multipurpose Dams	Lesotho, South Africa (Lesotho, South Africa)	Southern Africa	SADC
3	PROJET D'ASSAINISSEMENT DU CANAL ANDRIANTANY	Trans-boundary Water	Water and Sanitation	Madagascar (Madagascar)	Eastern Africa	SADC
4	Sabangalou Multipurpose Hydropower Dam	Trans-boundary Water	Multipurpose Dams	Gambia, Guinea, Senegal (Gambia, Guinea, Senegal)	Western Africa	ECOWAS

PIDA: Transboundary Water projects PIDA PAP 2: Challenges, Lessons

CHALLENGES	LESSONS	RECOMMENDATIONS (RECs, MS)
Lowest number of submitted water projects (4 projects / 32 projects)	Search a strategy to increase number of water projects Involve L/RBOs in the submission of projects	Create a balance on the sectors of the submitted project
Lack of financing attractiveness compared to projects of other sectors (Energy, Transport and ICT)	Improve the quality of the water projects by searching a possibility to combine water sector with other components of other sectors of PIDA	Integrate other sectors components to the water projects (e.g. Water + Energy projects; Water+ transport projects; Water + ICT projects)
Poor visibility of water projects as priority at regional level	Discuss the importance of water at national, regional and continental level with the policy maker representatives	Show in the water project proposal the importance of the water projects to respond large community needs and health (e.g. Water sanitation and Hygiene projects could prevent the spreading of the virus like COVID 19 at regional and continental level; irrigation dams could respond to the food crisis on post-COVID 19 period)
Data supports from projects owners and from the water project manager in VPIC	Get in touch frequently with the projects owners and from the water project manager in VPIC	Update frequently the VPIC data through the shared information by project owners

Thank You
Merci
شكرا
Obrigado