



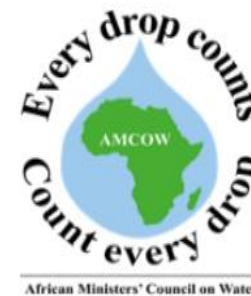
**AUC Webinar: PIDA PAP 2 - Transboundary Water Sector**

**Thursday, 14 May (10:00 to 12: 30 GMT)**

## **Transboundary Water Infrastructure development in the Programme for Infrastructure Development (PIDA) Priority Action Plan – Phase 2 (PIDA PAP 2) Process**

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GWPSA Executive Secretary  
Head-GWP Africa Coordination



## Accelerating profile of water in PIDA PAP 2: Africa Water Investment Programme (AIP) support to PIDA Water

# The Problem:

## Progress in preparation of Transboundary water projects lagged behind

- Inadequate bankable transboundary water infrastructure projects on the continent remains a challenge.
- While water infrastructure investments needs are mounting due to a growing population and an industrializing Africa, the rate of progress in preparation and financing water projects is slow.
- The pace of water investments falls far short of the increase in water demand.
- This problem is not new to Africa and it is not unique to the transboundary water sector.

‘The Infrastructure Consortium for Africa (ICA) highlights that under-investment in infrastructure is a common issue throughout the Continent and that problems are similar everywhere.’

# PIDA Water a Response to the problem:

**To accelerate preparation of Transboundary water projects lagged behind**

In November 2017, NEPAD Agency and the African Ministers Council on Water (AMCOW) commissioned a review of the implementation of transboundary water projects under PIDA. According to the review, water projects ***showed little progress compared to projects in other PIDA focus areas: ICT, Energy, and Transport.***

*‘As of today progress in these projects is slowed down by several factors including low capacity for project preparation; lack of financing, including PPP; lack of clear institutional arrangements for implementing the PAP, including the role of the RECs, LRBOs, and Member States. Currently even information on the current status of some of the PAP projects is not readily available.’ – Evaluation Report*

To address the lack of progress in implementation and focus attention on water, NEPAD Agency in collaboration with Global Water Partnership has established **‘PIDA Water’ as part of the second PIDA Phase from 2019-2024.**

## PIDA Water: A collaboration between NEPAD Agency, AMCOW and GWP through the Africa Water Investment Programmes (AIP)

- GWP support to PIDA Water will be provided within the framework of the Africa Water Investment Programme (AIP) under Component **(1) ENABLING INTEGRATED TRANSBOUNDARY AND REGIONAL WATER INVESTMENTS:**
- NEPAD Agency will work with GWP to mobilise partners across the continent, accelerate project preparation and catalysing investments for job creation.
- The programme will promote innovation, stronger project transaction advisory support services linked to PIDA PAP 2 and capitalise on PIDA delivery Regional Integration, Infrastructure and Trade Programme (RIITP) instruments.
- *The PIDA Water support programme will contribute to African Union Agenda 2063, the Heads of State and African Union AU Sharm el-Sheikh Declaration on water and sanitation; the N’Gor Declaration on Water Security, Sanitation and Hygiene; and the Africa Water Investment Programme objectives.*



# PIDA Water supported through the Africa Water Investment Programme (AIP)



## Africa Water Investment Program (AIP)

High Level Panel on Water Africa Legacy Initiative

\$30 billion SDG 6 Investments leveraged &  
5 million Jobs created by 2030

## AIP an outcome of the High Level Panel on Water (HLPW)

Established by UN Secretary General and World Bank President and comprised 11 Heads of States and contributes to:

- Jobs, Industrialisation-AU Agenda 2063
- Advance SDGs by 2030
- Africa Water Vision 2025
- AUC Priority Action Plan on WRM and Development
- Contribute to AfDB High Five priorities
  - *light up and power Africa,*
  - *feed Africa,*
  - *industrialise Africa,*
  - *integrate Africa, and*
  - *improve the quality of life for the people of Africa (jobs)*



## Goal of PIDA Water

*To accelerate the preparation and financing of transboundary water projects and foster an integrated corridor approach in the planning and development of projects related to the water-food-energy nexus projects hydropower*

# PIDA Water Objective

***Overall objective:*** *To enhance job creation through project preparation and financing of gender sensitive investments in transboundary water and hydropower projects and foster water-energy-food nexus*

***Specific objectives:***

- a) Assist in early stage preparation of selected PIDA Water projects*
- b) Facilitate the financing of these PIDA Water projects*
- c) Assist RBOs and countries in preparation of candidate projects for PIDA PAP 2 on a demand driven and case by case basis*



## Scope of PIDA Water

- PIDA Water comprises a portfolio of transboundary water and hydropower projects : Nexus Approach
- It will be implemented by NEPAD Agency, Regional Economic Communities (RECs), River Basin Organisations and executed by GWP in collaboration with other partners
- Initially 2019-2024

# PIDA PAP Transboundary Water Projects



# PIDA Water Portfolio (2019-2024)

1. **Palambo:** Regulation dam to improve navigability of Obanguí River with added hydropower component; Congo River Basin.
2. **Fomi:** Hydropower station in Guinea with irrigation water supply for Mali and regulation of the Niger River; Niger River Basin.
3. **Okavango River Basin:** Multi-sectoral investment opportunity studies: Identification and preparation of investment programs in the basin.
4. **Lesotho HWP Phase II:** - water transfer component: Orange-Senqu River Basin.
5. **Gourbassy:** Multi-purpose dam located in Guinea; regulation of the Senegal River; Senegal River Basin.
6. **Noumbiel:** Multipurpose dam with hydropower generation component (Burkina Faso & Ghana); Volta River Basin.
7. **Nubian Sandstone Aquifer System:** Implementation of regional strategy for the use of the aquifer system (Chad, Egypt, Libya and Sudan).
8. **North-West Sahara Aquifer System:** Pre-feasibility studies for the improved use of the aquifer system (Algeria, Libya and Tunisia).
9. **Iullemeden and Taoudeni/Tanezrouft Aquifer System:** Pre-feasibility studies for the improved use of the aquifer system (Algeria, Benin, Burkina Faso, Mali, Mauritania, Niger and Nigeria).

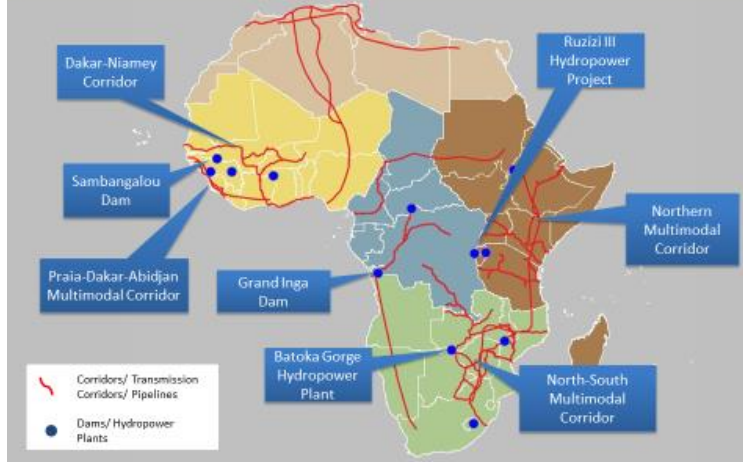
# **PIDA Water Hydro Projects for Water-Energy-Food Nexus**

- **Grand Ethiopian Renaissance**
- **Batoka Gorge**
- **Sambangalou**
- **Ruzizi III**
- **Rusumo Falls III**
- **Polihali Hydropower Dam and Transfer Tunnel to Katse Dam**
- **Mpanda Nkuwa**
- **Kobong Pumped Storage Dam**
- **Kaléta**
- **Inga 3**

## **Why a Nexus Approach is essential for PIDA Water**



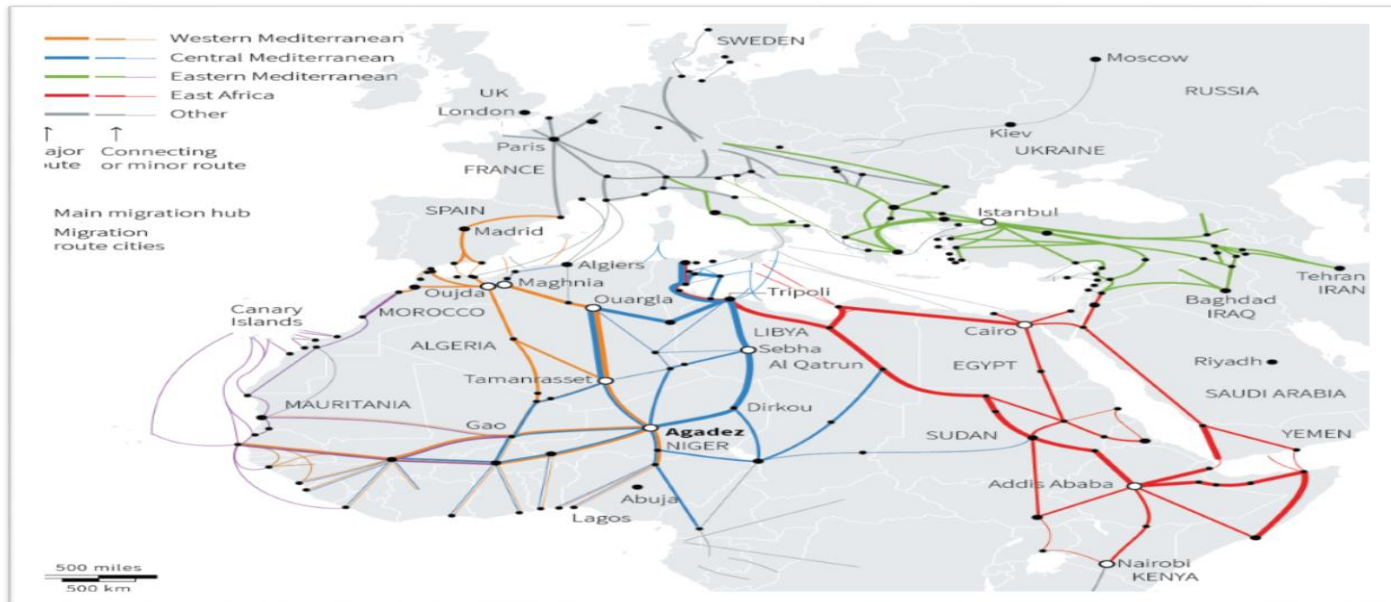
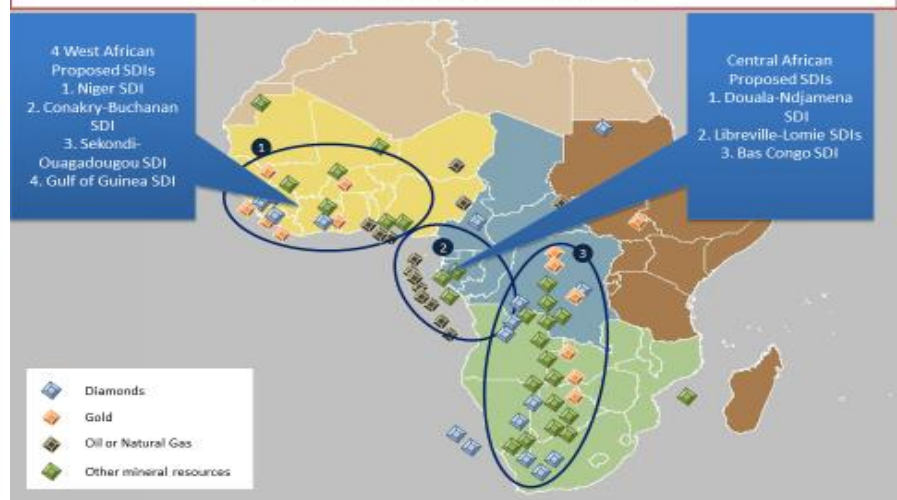
## Interconnecting Africa – Selection of Key PIDA PAP Programs



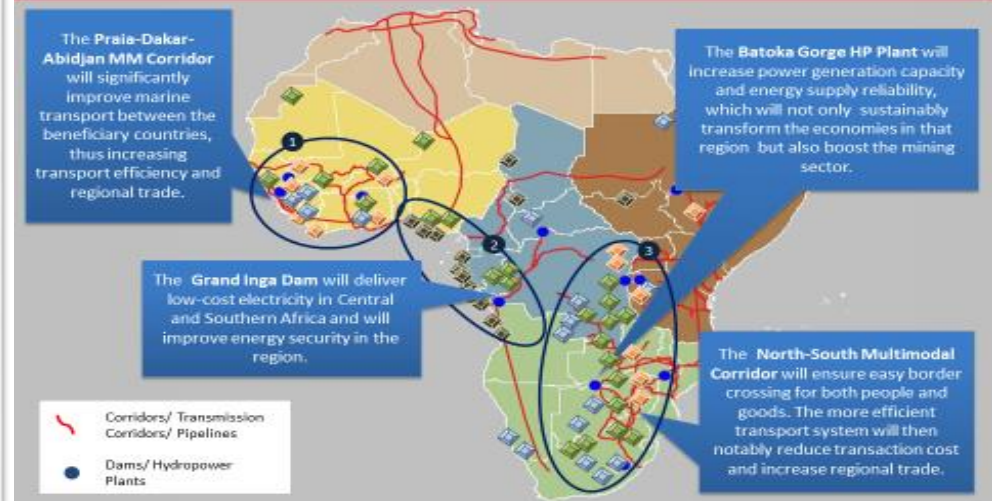
## PIDA PAP Transboundary Water Projects



## Key extraction hubs for main mineral resources



## Potential synergies between mining sector & PIDA implementation (selection)





# Impact Headline Results for PIDA Water

Leverage \$10 billion SDG 6 Investments by 2024, 2 million Jobs created

- **\$10 billion investments** leveraged by 2030 toward Agenda 2063, SDG 6, stimulate job creation and growth
- **Preparation of Priority PIDA water infrastructure projects** accelerated adopt corridor approach
- **Africa Water-Energy-Food Nexus Operational Framework** adopted by AU members states
- **PIDA Hydropower projects adopt multipurpose** 'water-food-energy' nexus investment approach
- **Africa Water Investment Guarantee Fund** established
- **100 million people** benefit from opportunities generated, root causes of migration addressed
- **2 million** indirect jobs created for vulnerable, poor youth, women and girls
- **250 thousand** direct jobs created through investments in water and sustainable sanitation

**Thank you**