

NEPAD / Africa Water Investment Programme (AIP) support to PIDA Water* (2019-2024)

Regional Integration, Infrastructure and
Trade, Nepad Agency & Global Water
Partnership

PIDA Week
26th November 2018



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 joint 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 [\(2\) Project Preparation and Finance for water, energy, food and ecosystems nexus of the AIP](#).
- 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 is a Component of 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 a water-food-energy nexus approach in the development of hydropower Projects

PIDA Water Objective

To enhance job creation through project preparation and financing of gender sensitive investments in transboundary water and hydropower projects, industrialization and climate resilient development

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)

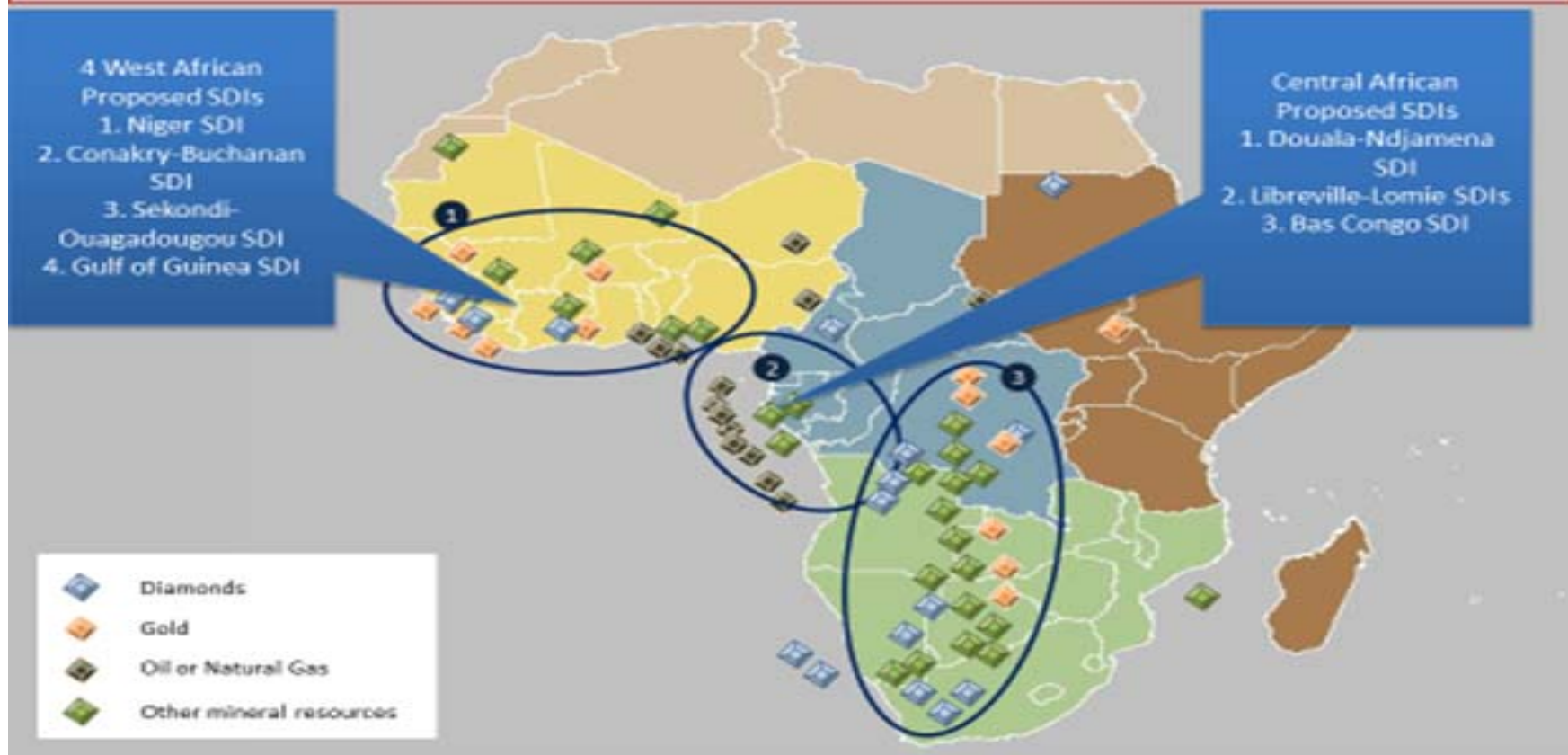
1. [Palambo](#): Regulation dam to improve navigability of Obangui River with added hydropower component; Congo River Basin.
2. [Fomi](#): Hydropower station in Guinea with irrigation water supply for Mali and regulation of the Niger River; Niger River Basin.
3. [Okavango River Basin](#): Multi-sectoral 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

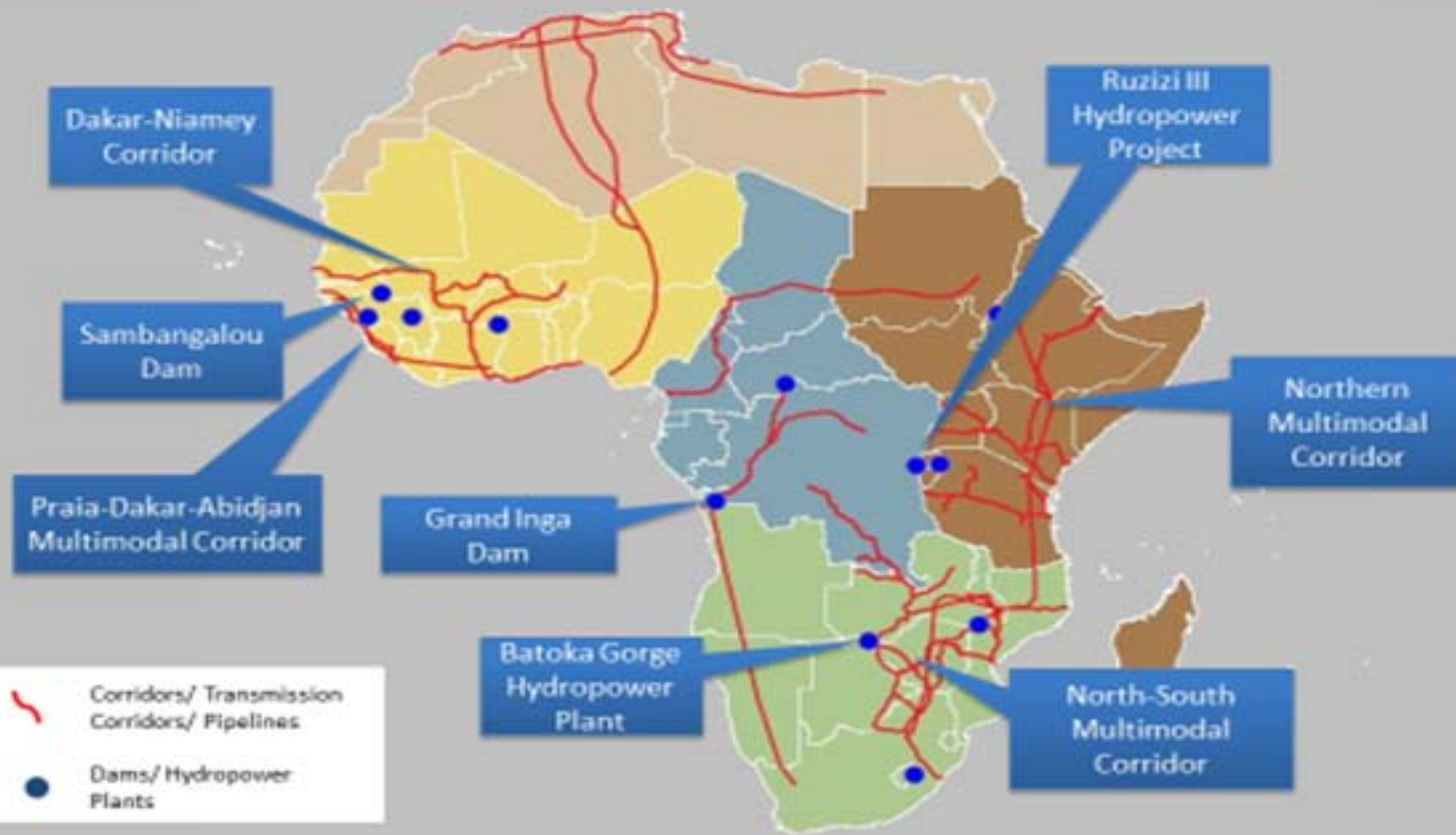
Key extraction hubs for main mineral resources



Interconnecting Africa – Selection of Key PIDA PAP Programs



PIDA
INTERCONNECTING
AFRICA



PIDA PAP Transboundary Water Projects



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





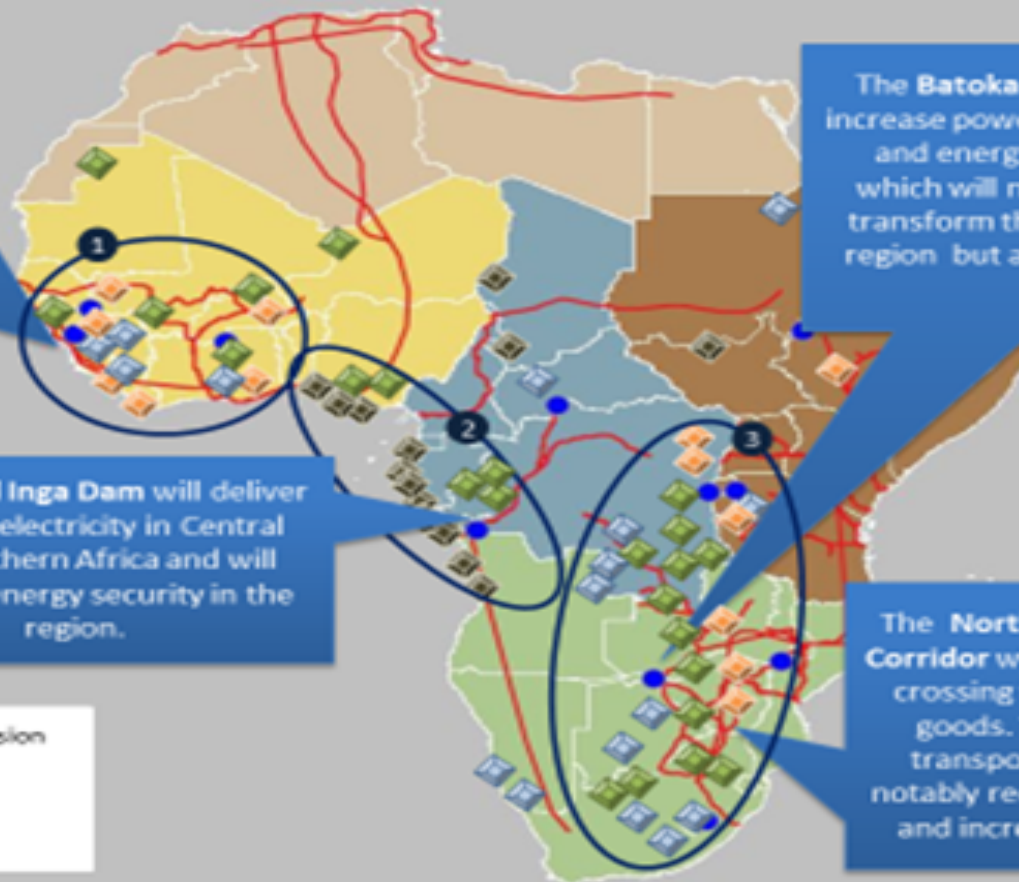
The **Praia-Dakar-Abidjan MM Corridor** will significantly improve marine transport between the beneficiary countries, thus increasing transport efficiency and regional trade.

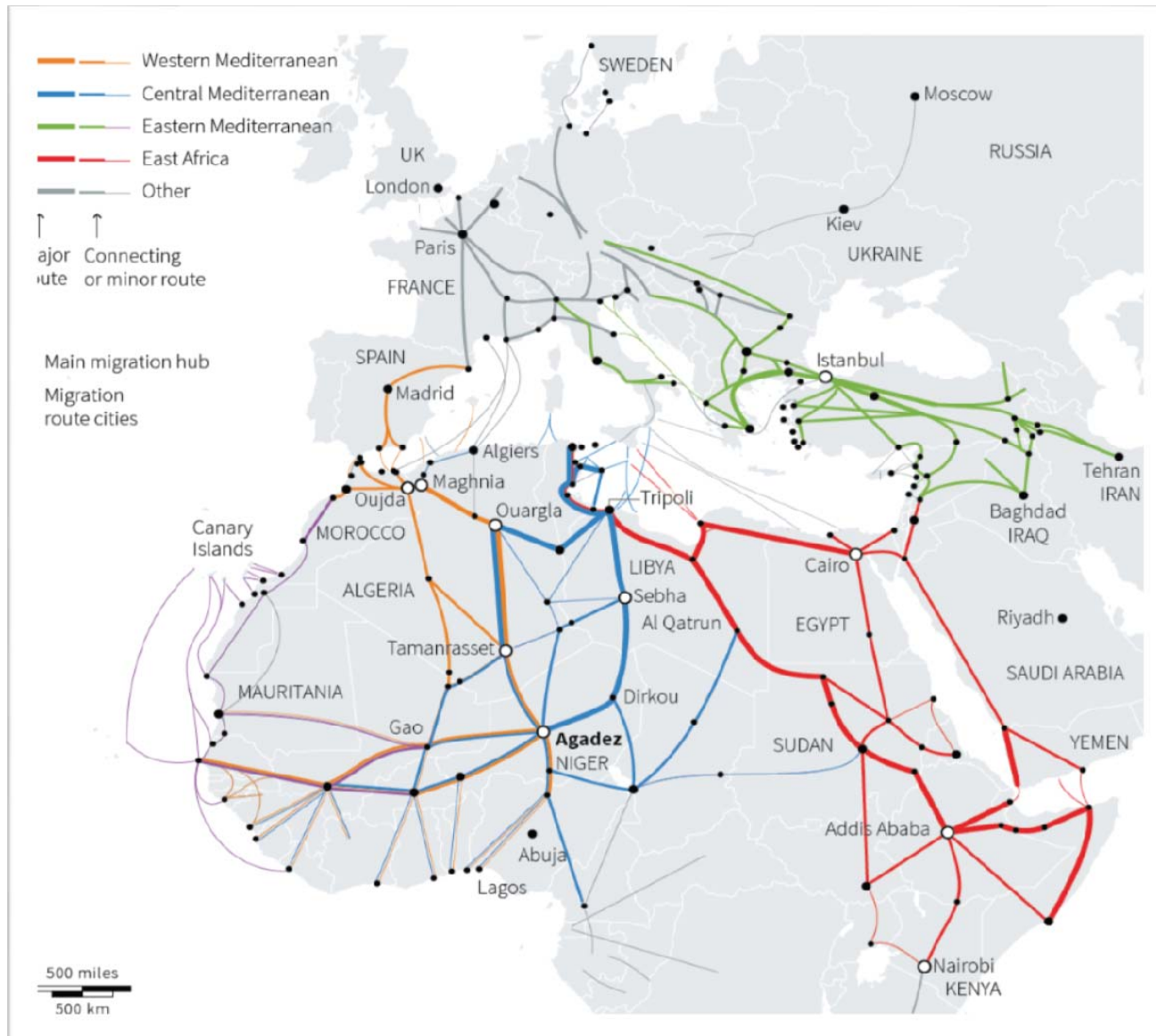
The **Batoka Gorge HP Plant** will increase power generation capacity and energy supply reliability, which will not only sustainably transform the economies in that region but also boost the mining sector.

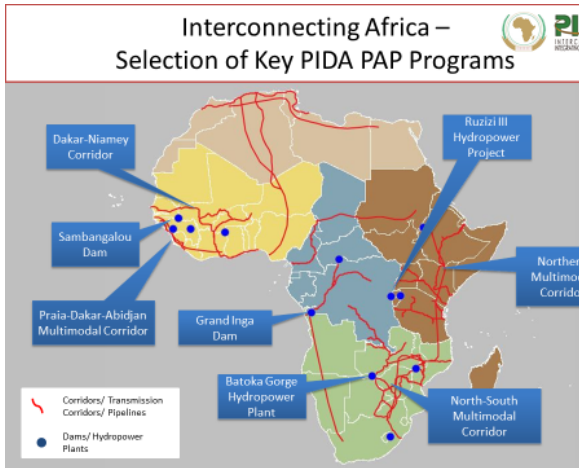
The **Grand Inga Dam** will deliver low-cost electricity in Central and Southern Africa and will improve energy security in the region.

The **North-South Multimodal Corridor** will ensure easy border crossing for both people and goods. The more efficient transport system will then notably reduce transaction cost and increase regional trade.

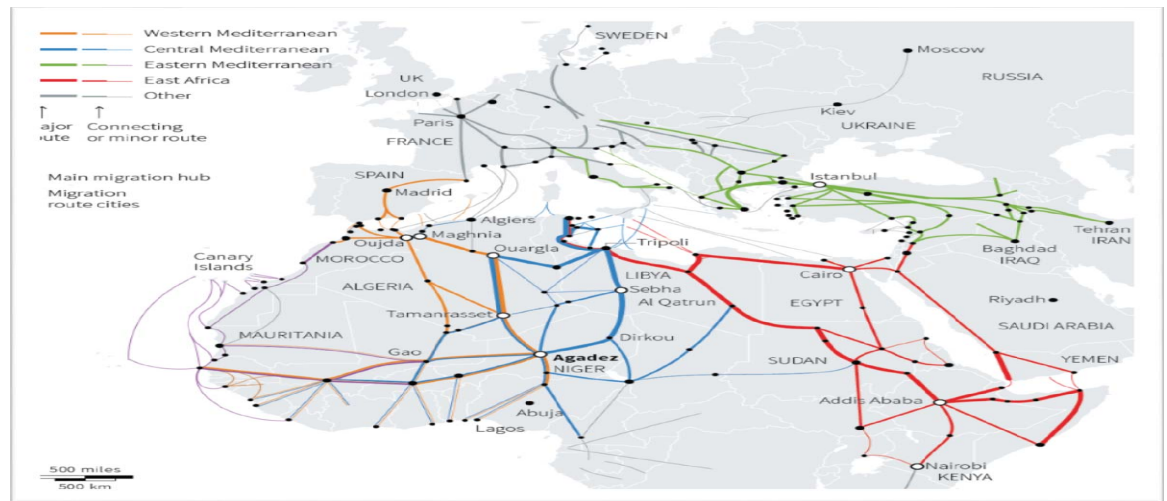
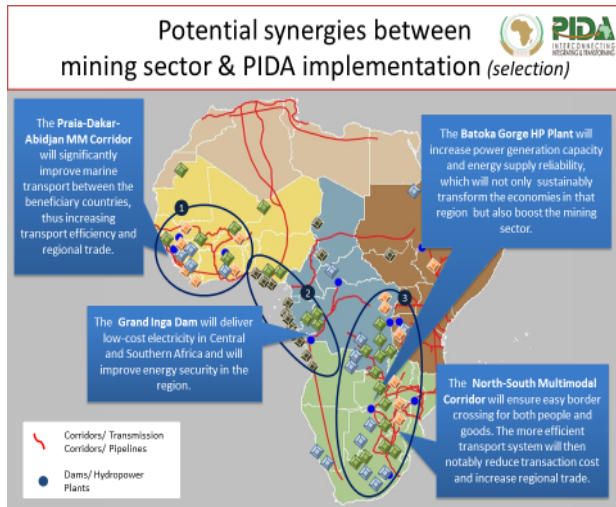
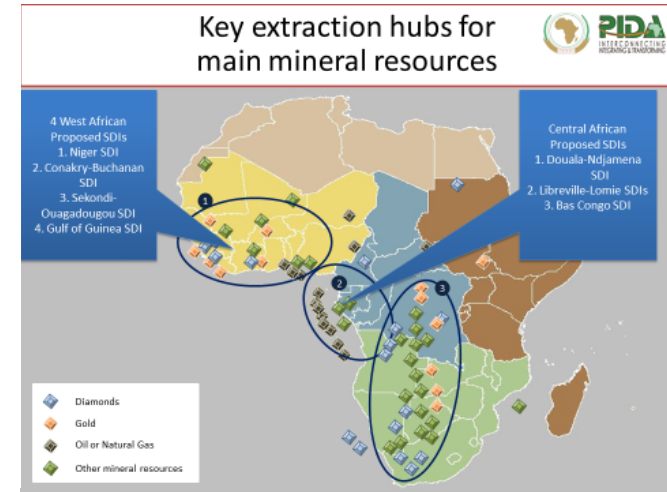
-  Corridors/ Transmission Corridors/ Pipelines
-  Dams/ Hydropower Plants







PIDA PAP Transboundary Water Projects



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
- **Stalled priority PIDA water infrastructure projects** ‘unblocked’ and project preparation accelerated
- **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

Expected Outcomes

- **Delivery of critical PIDA Water infrastructure accelerated**, meeting the needs of water dependent growth sectors and addressing the needs of the poor
- **Bankable projects prepared** on water-energy-food-ecosystems nexus and governance assisted to access finance for implementation
- **SDG 6 'Investment and Business Cases'** developed - motivating for high level political support, increased budgets, investments to support job creation, gender empowerment and industrialisation
- **Transaction management related blockages and log-jams** removed for transformational transboundary and national water projects
- **African Water and Sanitation Investment** Guarantee Fund options developed
- **Water security, sanitation and climate resilience** integrated in project development
- **Improved transboundary water governance**
- **Innovative public-private partnerships, knowledge and capacity** of institutions strengthened

PIDA Water - AIP Components: Catalyse - Mobilise - Accelerate



Catalyse

- ***Catalyse*** Climate Resilient SDG Investments for Inclusive Growth, Jobs and Industrialization

Mobilise

- ***Mobilise*** Innovative Partnerships for Water Governance and Investments

Accelerate

- ***Accelerate*** Project Preparation, Financing and Transaction Management

Thank you