



Indicative list of potential actions for PANAF funds

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Team Leader

Support to EU-Africa Infrastructure Coordination

JAES 2014-2017

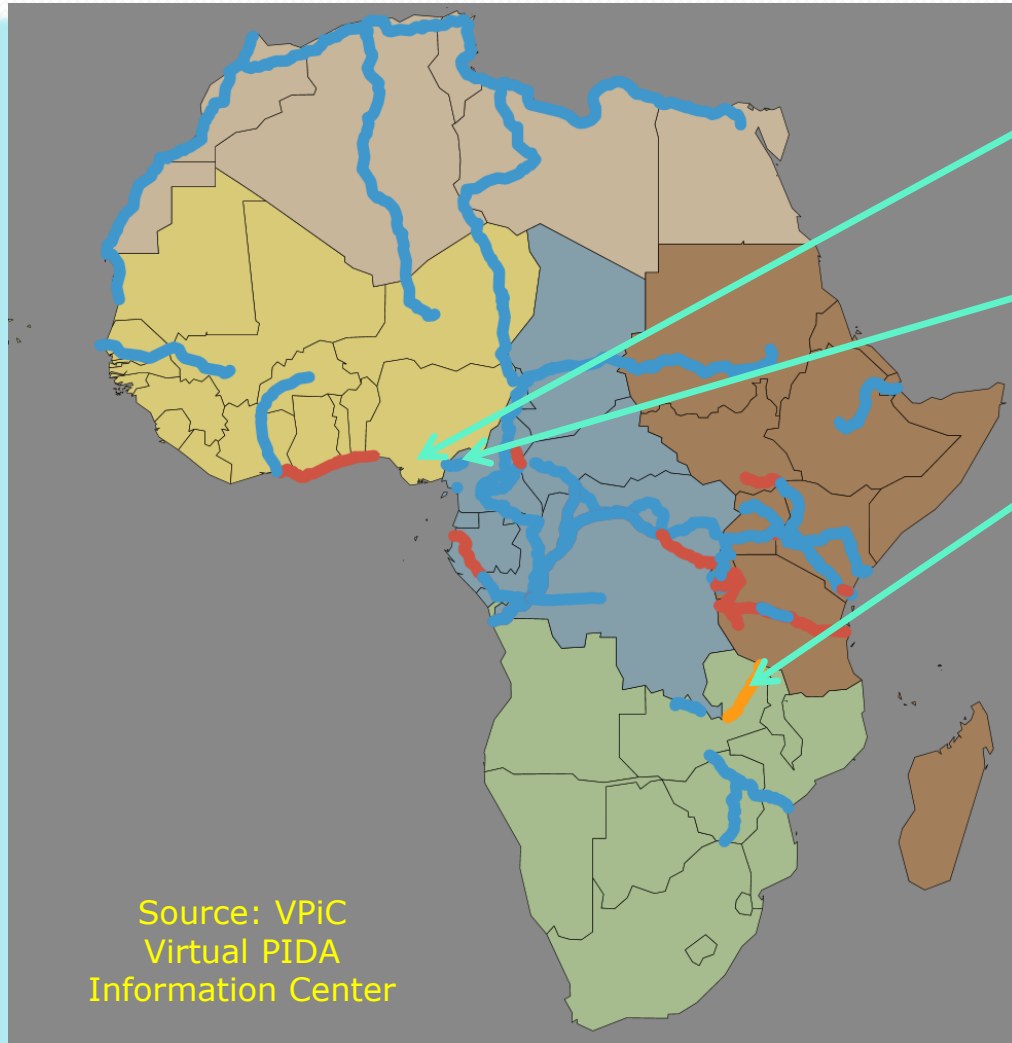
Second RGI meeting

Addis-Ababa

February 2016



Transport overview

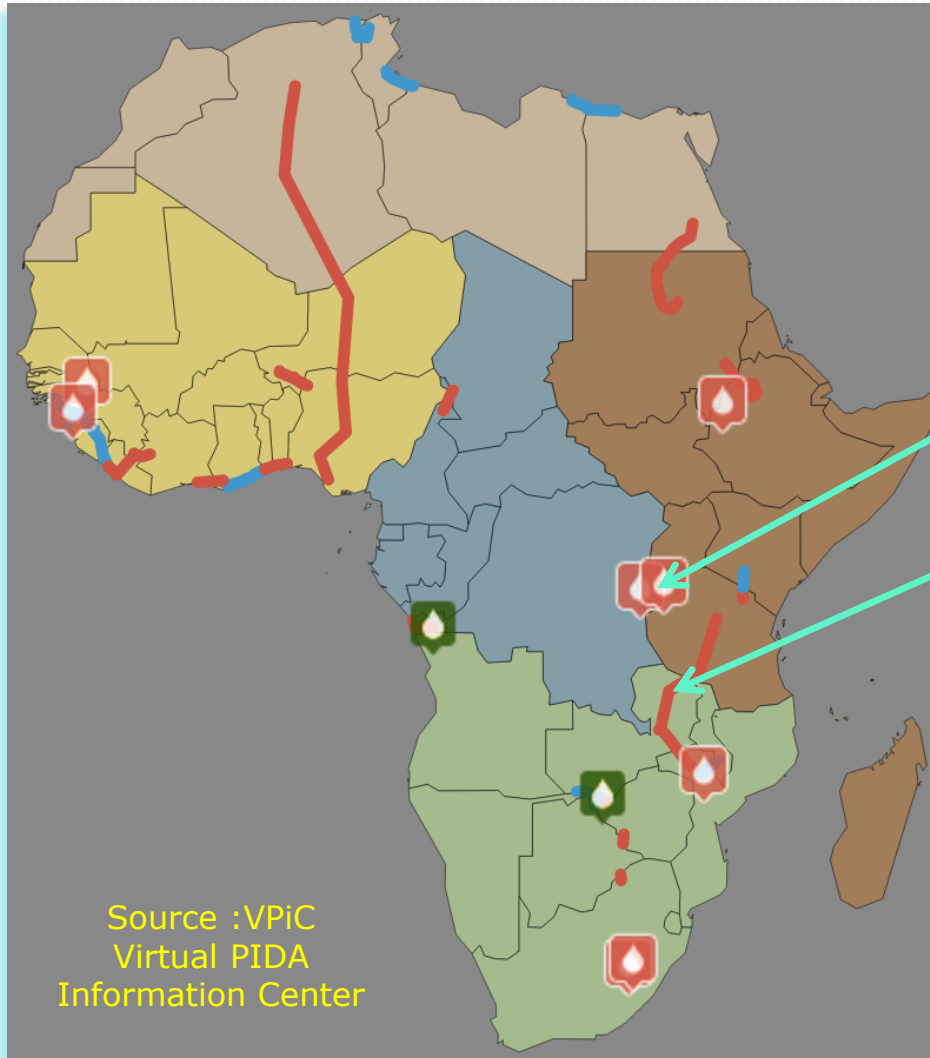


- Second bridge on the Niger River
- Nigeria-Cameroon cross over bridge
- Serenje – Nakonde Road Rehabilitation (Tanzania-Zambia)
- Aviation Safety (SIASA II)

Source: VPiC
Virtual PIDA
Information Center



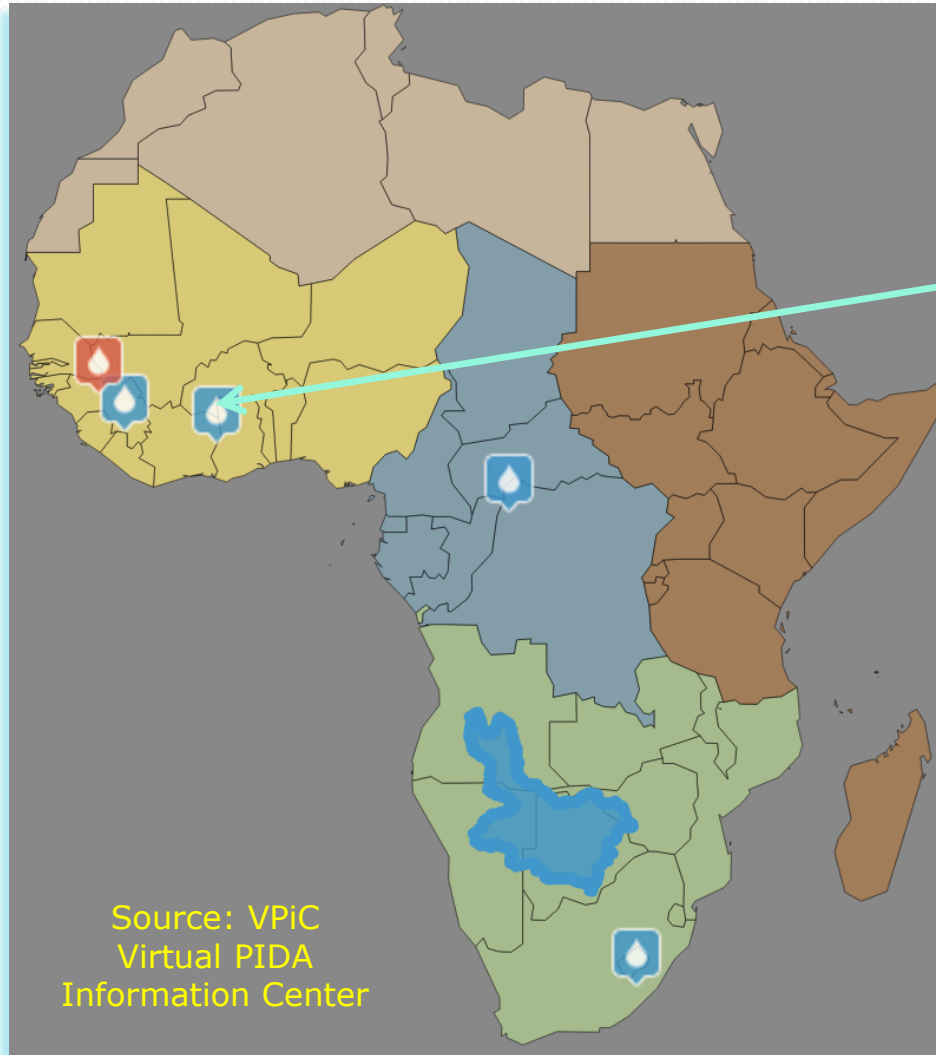
Energy overview



- Ruzizi III
- Zambia-Tanzania-Kenya Power Interconnector



Water overview

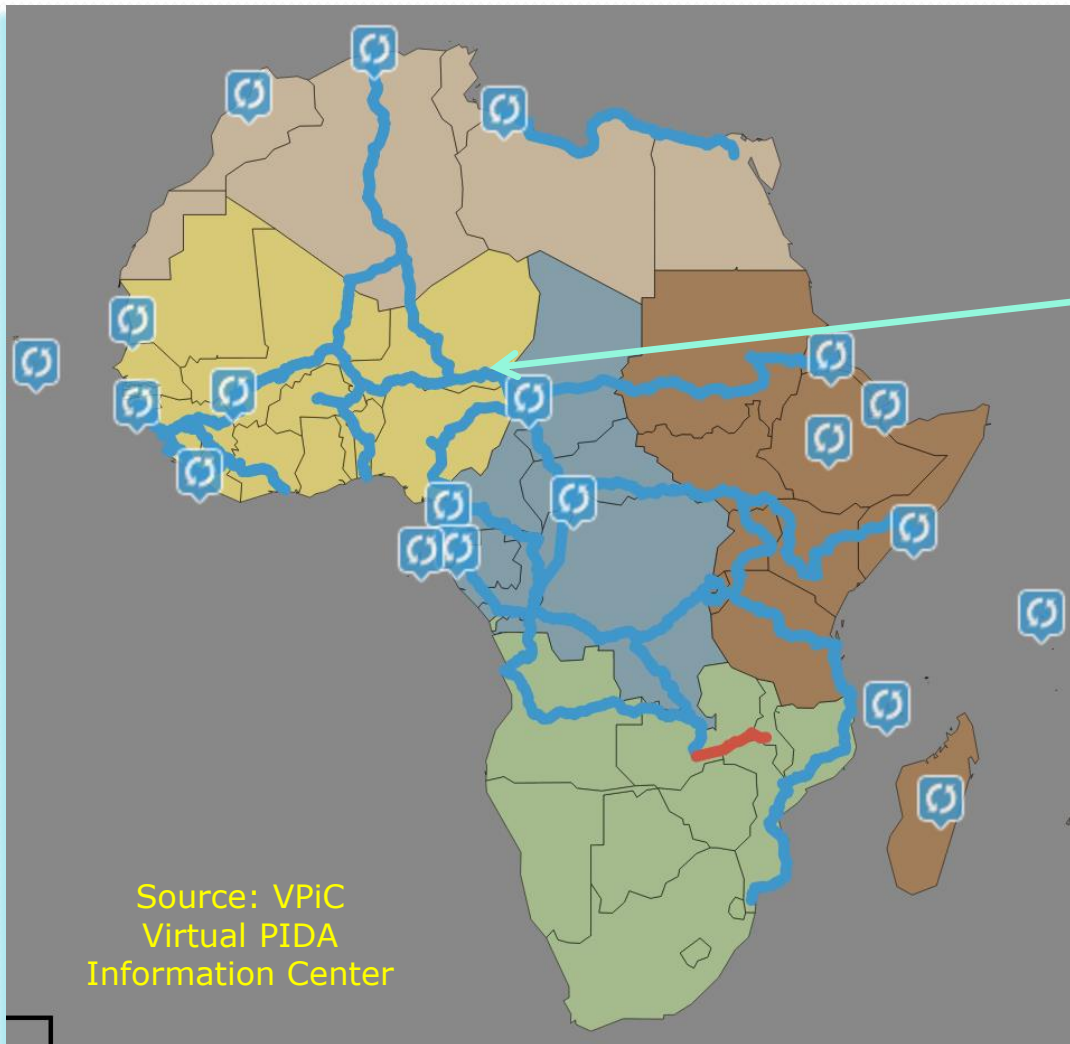


- Niger river delta basin
- Strengthening Regional Basin Organisations (RBOs)

Source: VPiC
Virtual PIDA
Information Center



ICT/satellite navigation overview



- Multinational Trans Sahara ICT Optic-fibre
- EGNOS (ASECNA) deployment

Source: VPiC
Virtual PIDA
Information Center

INVESTMENT PROJECTS

- Detailed Map



Title: Ruzizi III Hydro Power Generation Project

Timing:
2016

Financiers:
EIB, AfDB, KfW,
AFD, WB, IPS

Financing (MEUR):
EIB-97,
AFD-14,
KfW-27,
AfDB-117,
WB-97,
IPS-90,
ITF -11,
Cdebt-42
Financing Gap: 33

Technical Maturity:
Feasibility and ESIA completed.
Geotechnical studies to take place in
2016. Contractor selected

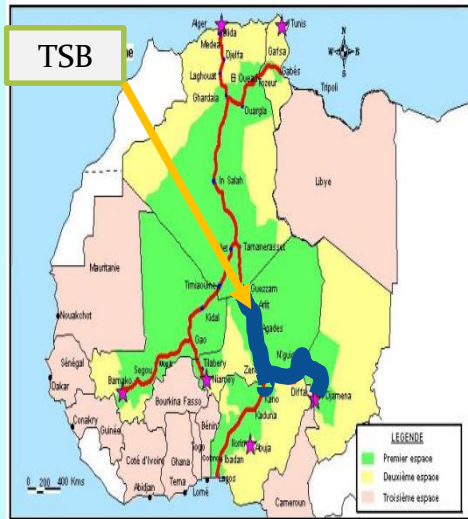
Technical explanation/comments

Project is a PIDA PAP Project. The geotechnical studies under ITF funding (11 MEUR) will be completed by end of 2016.



INVESTMENT PROJECTS

● Detailed Map



Title: Multinational Trans Sahara ICT Optic-fibre Backbone Project (TSB)

Timing:
2016

Financiers:
AfDB
IsDB

Financing (MUER):

Est Total Project Cost -
104

AfDB/IsDB – 74

Financing Gap - 45

Technical Maturity:

Feasibility (AfDB funded) is ongoing and
will be completed in February 2016

Technical explanation/comments:

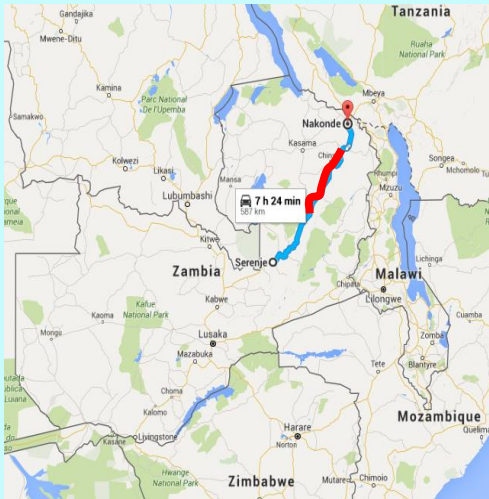
Project is a PIDA PAP Project. Project involves deployment of 2600km fibre optic cable between in Chad and Niger to link with Algeria and Nigeria

Project preparation (PCN) will be carried out soon after completion of feasibility study and presented to the Board by the end of 2016. However, security situation still remains a major challenge in the region



INVESTMENT PROJECTS

• Detailed Map



Title: Serenje _ Nakonde Road Rehabilitation Project
(Linking Zambia and Tanzania)

Timing:
2106

Financiers:
EIB and AfDB

Financing (MEUR):

Est Total Project Cost:
119 MEUR

EIB/AFDB: 74

Financing gap:
45MEUR

Technical Maturity:
Feasibility, ESIA, Detailed Design and
Tender Documents have been completed.
Updating of the ESIA and RAP is
expected to be completed by mid 2016

Technical explanation/comments

Project is a PIDA PAP project. AfDB is financing Chinsali - Nakonde and the Serenje- Mpika sections whilst EIB has shown interest in financing the Mpika - Chinsali section. 30 MEUR is expected from RIP funds.

Feasibility, ESIA, Detailed Design and Tender Documents have been completed. Updating of the ESIA and Resettlement action Plan (RAP) is expected to be completed by mid 2016.



INVESTMENT PROJECTS

• Detailed Map



Title: Bamenda - Enugu Corridor including the Cross River Bridge between Nigeria and Cameroon

Timing:
2016

Financiers:
AfDB, EU, JICA,
ECOWAS,
Cameroon,
Nigeria

Financing (MEUR):
Total Project Cost –
394.18
AfDB-282.59,
JICA-34.59,
Cameroon-33,
Nigeria-17.95

Technical Maturity:

Project is under execution

Financing Gap- 25

Technical explanation/comments:

Project is a PIDA PAP Project. Works have been fully completed on the Nigerian side and 95% on the Cameroon side. Project cost has increased by 25 MEUR due review of the detailed technical design of the bridge. Which is being requested from Panaf. Financial contribution is urgent and should be scheduled for 2016



INVESTMENT PROJECTS

● Detailed Map



Title: EGNOS - ASECNA

Timing:

2018

Financiers:

EIB

Financing (MEUR):

Est. Total project Cost
– 50

EIB – 38

Financing Gap - 12

Technical Maturity:

Procurement of Consultant for techno-
feasibility study is on going

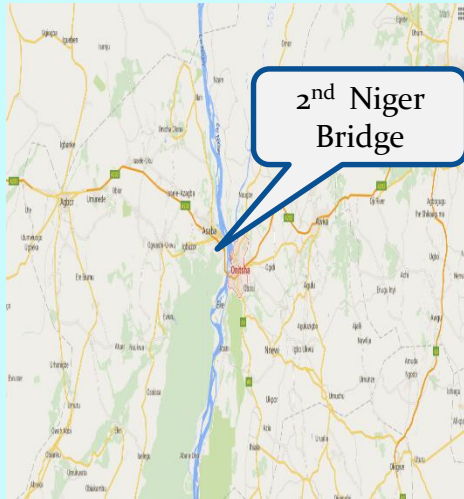
Technical explanation/comments:

The European Geostationary Navigation Overlay Service (EGNOS) Project is a PIDA PAP project. It will follow on and benefit from the outcome of the ongoing capacity building and policy harmonisation programme through African Civil Aviation Commission (AFCAC) and Agency for Aerial navigation Safety in Africa and Madagascar (ASECNA)



INVESTMENT PROJECTS

● Detailed Map



Title: Second Niger Bridge

Timing:
2016

Financiers:

AFD
AfDB

Financing (MEUR):

Est. Total Project Cost
- 600

AFD/AfDB - tbd

Financing Gap - 2

Technical Maturity:

Feasibility, ESIA and traffic studies have been completed.

Technical explanation/comments:

Project is a PIDA project. Bridge to be constructed and operated as a PPP on a 30 year concession. The concession agreement is being prepared and AfDB will prepare PCN for co-financing in Q1 2016 dependent on receiving a request from FGN. The Panaf grant could be used for technical studies (tender dossier preparation).



INVESTMENT PROJECTS

● Detailed Map



Title: Niger River Basin Integrated Development Program and Adaptation to Climate Change

Timing:
2017

Financiers:
AfDB, KfW, GEF,
NBA, UEMOA,
Governments

Financing (MEUR):
Est Total Project Cost -
301
AfDB-66,
UEMOA-23,
KfW-35.5,
GEF-10.5,
Govts-45

Financial Gap - 121

Technical Maturity:

Feasibility study is on-going and will be completed in February 2016

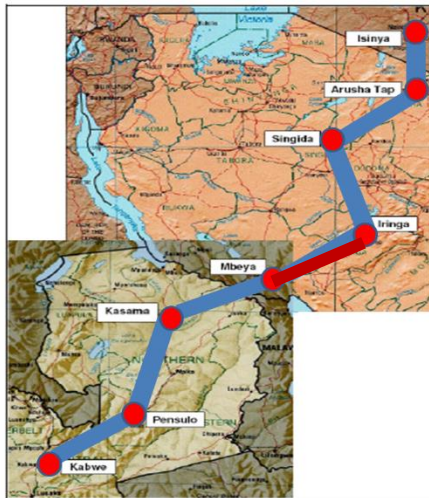
Technical explanation/comments:

Project is PIDA PAP priority. Project cost estimate and financing plan will be finalised after completion of feasibility study. There is however, a financial gap of 121 MEUR which cannot be covered by Panaf alone. Therefore a financial solution must be found.



INVESTMENT PROJECTS

● Detailed Map



Title: Zambia-Tanzania-Kenya Power Interconnector - Section in Tanzania

Timing:

2016

Financiers:

AFD
WB

Financing (MEUR):

Est Total Project Cost
- 110

AFD/WB - tbd

Technical Maturity:

Feasibility and ESIA studies were
completed in 2016

Technical explanation/comments:

Project is a PID PAP priority. Tanzania government is negotiating funding with AFD and WB that have expressed interest to fund the 292km 400kV Iringa-Mbeya section.



GOVERNANCE ACTIONS

● Detailed Map



Title: Support to Aviation Safety in Africa – SIASA Phase II

Partners:
EASA/EUMAA
AFCAC
RSOO
NCAAs

Financing:
Programme Est Cost 5
MEUR
Financing – 5 MEUR

Timing:

2016

Explanation/comments

Provide assistance to African MS with Significant safety Concerns (SSCs) in order to adopt and implement legislation and regulations in line with ICAO SARPS as well as provide regulatory/technical assistance to AFCAC and RSOOs.

The aims to facilitate African member states move out of the safety list imposed by EU as well as moving out of the ICAO list on MS with SSCs

The project follows approach and recommendations of SAISA Phase I (2013-2016) . Phase I end 9/2016



GOVERNANCE ACTIONS

● Detailed Map



Title: Enhancing Legal and Technical Capacities and Strengthening of the African River Basin Organisations

Partners:
Global Water Partnership (GWP)
African Network of Basin Organisations (ANBO)

Timing:
The proposal must be submitted by the partners at the end of May 2016

Financing:

Total programme cost
6.3 – 6.3 MEUR
Partners –
1.2 MEUR
Financing Gap – 5.1
MEUR

Explanation/comments: The program will Support the African RBOs develop legal frameworks and enhance institutional arrangements and management practices in order to play major role in the development and management of cross-border hydraulic infrastructures. Program activities include Review of existing transboundary agreements/frameworks and overview of existing national commitments which require action in the legal and policy realm; establish regional reference frameworks for conducting environmental and social assessments; and capitalize and share experiences in development and optimisation of hydraulic infrastructures within Africa.