

# Southern African Power Pool

## Project Portfolio

28 August 2023



# 1.0 - Functions & Responsibilities of the PAU

The PAU was established in 2015 to advance the preparation of selected priority projects in the Southern African Power Pool (SAPP) participating countries, in line with the Pool Plan of 2017.

## What we do:

- ❑ Assess market-readiness and prepare project concept notes together with Utilities for candidate priority projects.
- ❑ Work with the SADC Secretariat to ensure Governments participating in priority projects demonstrate commitment by ratifying and signing the IGMOU.
- ❑ Work with project participating national power utilities to sign an IUMOU that aligns with IGMOU.
- ❑ Draft Terms of Reference (ToRs) for the procurement of relevant consultancy services to undertake technical and economic/financial viability studies, to assess design of technical specifications for engineering, procurement and project bankability for commercial operations.
- ❑ Work with the utilities to draft TORs for Environmental and Social Impact Assessment (ESIA) studies in line with national and international environmental safeguards and regulations as well as the SAPP ESMF Guidelines
- ❑ Mobilise project preparation funds from various development cooperating partners in order to provide technical and fiduciary support for project preparation and structuring.
- ❑ Provide project management services and technical assistance for the planning, financing and procurement of regional energy projects in the SADC region.
- ❑ Ensure technical and financial audits are performance on projects to measure relevance, efficiency, effectiveness, sustainability and impact of the project for lessons learnt and capitalisation of these lessons to future similar projects.

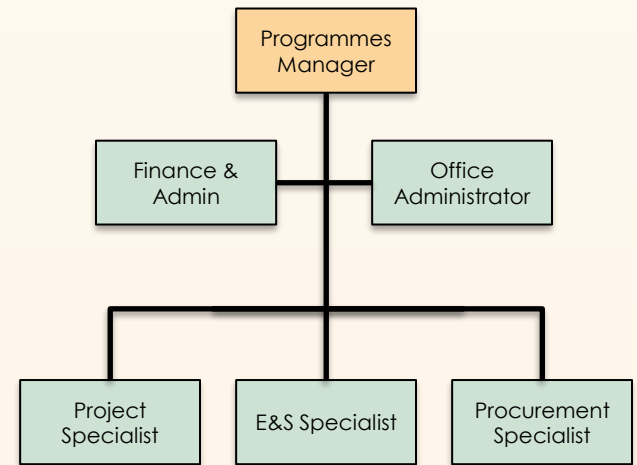


Figure 1: PAU Organisational Structure

## 2.0 - Impact of Energy Projects Beyond 2030

- ❑ Increase trade volumes and wheeling arrangements through the SAPP regional electricity market.
- ❑ Strengthen regional integration and socio-economic development in the SADC.
- ❑ Fast-track the integration of Angola, Malawi and Tanzania to the SAPP electricity Market and trading platform.
- ❑ Facilitate relief of transmission congestion & competitive wheeling pricing in the SAPP electricity market
- ❑ Ensure the connection of new generators to the SAPP network and balancing demand efficiently.
- ❑ Increase access and productive use of affordable and clean energy.
- ❑ Support development of a climate resilient energy sector and decarbonisation through Renewable Energy Technologies.

## 2.1 – The Project Portfolio

No.	Project Name	Project Sponsors	Project Type	Funder	Status	C.O.D
1	Mozambique-Malawi	EDM, ESCOM	Transmission	World Bank, Norwfund	Construction	2024
2	Angola - Namibia	RNT, NamPower	Transmission	SADC-PPDF	Feasibility/ESIA completed	2026
3	ZIZABONA	ZESA, ZESCO, BPC, NamPower	Transmission	NEPAD-IPPF	Feasibility/ESIA completed	2028
4	Alaska-Sherwood	ZESA/ZETDC	Transmission	GRZ/ZESA	Feasibility/ESIA completed	TBA
5	Zambia - Tanzania	ZESCO, TANESCO	Transmission	World Bank	Feasibility/ESIA completed	2026
6	Kolwezi-Solwezi	SNEL, ZESCO	Transmission	AfDB/NEPAD-IPPF	Feasibility/ESIA completed	2030
7	Mozambique - Zambia	EDM, ZESCO	Transmission	World Bank/NEPAD-IPPF	Feasibility/ESIA completed	2028
8	Botswana - South Africa	BPC, ESKOM	Transmission	SADC-PPDF	Feasibility/ESIA completed	TBA
9	Baynes HPP Lines	RNT, NamPower	Transmission	AfDB/Swedfund	Studies Ongoing	2028
10	Malawi - Zambia	ESCOM, ZESCO	Transmission	Swedfund/EU	Contract Negotiations	2028
11	Mozambique - Tanzania	EDM, TANESCO	Transmission	NEPAD-IPPF	Studies not started	2028
12	Inga - Soyo	SNEL, RNT	Transmission	World Bank	Studies not started	2028
13	Mozambique - Zimbabwe	EDM, ZESA	Transmission	SADC-PPDF/Others	Funds Mobilisation	2030
14	STE lines for Mphanda Nkuwa HPP	EDM / STE	Transmission	GoM/EDM/GMNK	Studies Ongoing	2029
15	Luapula HPP & Lines	SNEL, ZESCO	Generation & Transmission	NEPAD-IPPF/Swedfund	Prefeasibility completed	2032
16	Botswana Renewables	BPC	Generation	World Bank	Studies Ongoing	2025
17	Obib – Oranjemund - Gromis	ESKOM, NamPower	Transmission	NamPower	Construction	2024

**NamPower is currently sponsoring Five regional energy projects, which include One Generation HPP project and Four 400kV Transmission interconnectors**



Thank You

