

Portfolio Committee on Trade, Industry and Competition

Briefing by the dtic on the development and implementation of the Energy and provincial One-Stop-Shops

07 May 2025

Lester Bouah
Chief Director: Investment Mobilisation
Head: Energy One Stop Shop



Introduction

- ❑ The **Energy One Stop Shop (EOSS)** was created to address challenges in South Africa's renewable energy sector.
- ❑ It works with **multiple government departments** to streamline processes for Independent Power Producers (IPPs).
- ❑ It works with **Private Sector and Industry Associations** [BUSA, South African Wind Energy Association (SAWEA), South African Photovoltaic Industry Association (SAPVIA), Energy Council of South Africa etc.].
- ❑ It provides **guidance and advice** to IPPs to navigate the regulatory environment in the acquisition of the necessary authorisations.
- ❑ It **reports on progress and challenges** to the dtic and various National Energy Crisis Committee (NECOM) structures .



Energy One Stop Shop (EOSS)

EOSS Established (27 July 2023)

- InvestSA (10) – down to 7
- DFFE Secondment (1) – ended in November 2024
- Departmental Technical Working Group (14)

Strategic Partnerships

- IFC (World Bank)
- UK – Pact Programme (FCDO)
- Business Unity South Africa (BUSA)



www.energyoss.gov.za



EOSS Registration Portal



Data Analytics

Single Window Application Portal (SWAP) - IFC

- Process Mapped and Streamline
- Functional Requirements Specifications (FRS) and Funding Proposal Developed
- 1st phase implementation date – Q2 2026

Municipal Integration into SWAP - FCDO

- 2nd phase November 2024
- Implementation date Q4 2026



the dtic

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WORLD BANK GROUP

IFC International
Finance Corporation



Schweizerische Eidgenossenschaft
Confédération Suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs FDEA
State Secretariat for Economic Affairs SECO

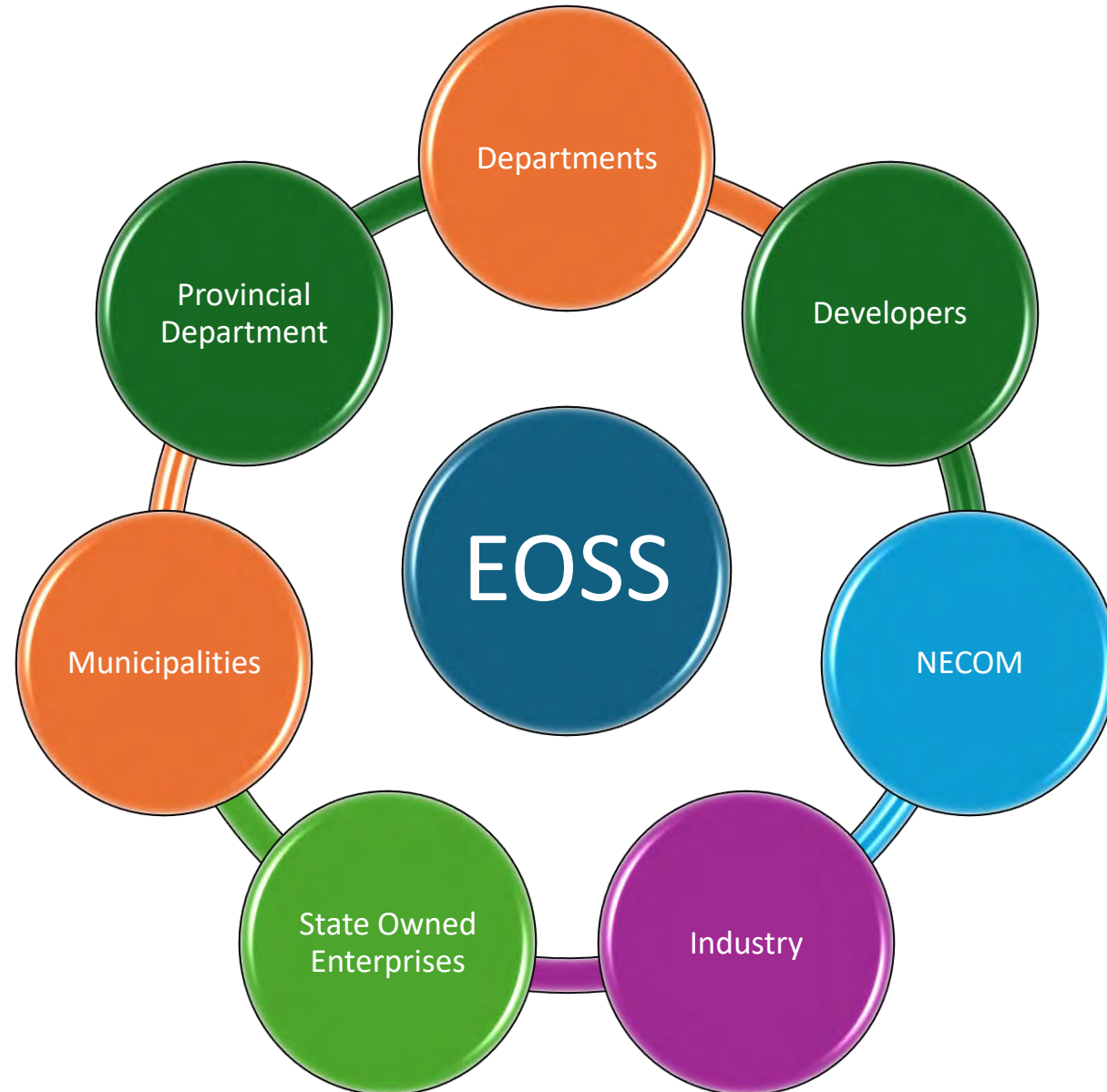




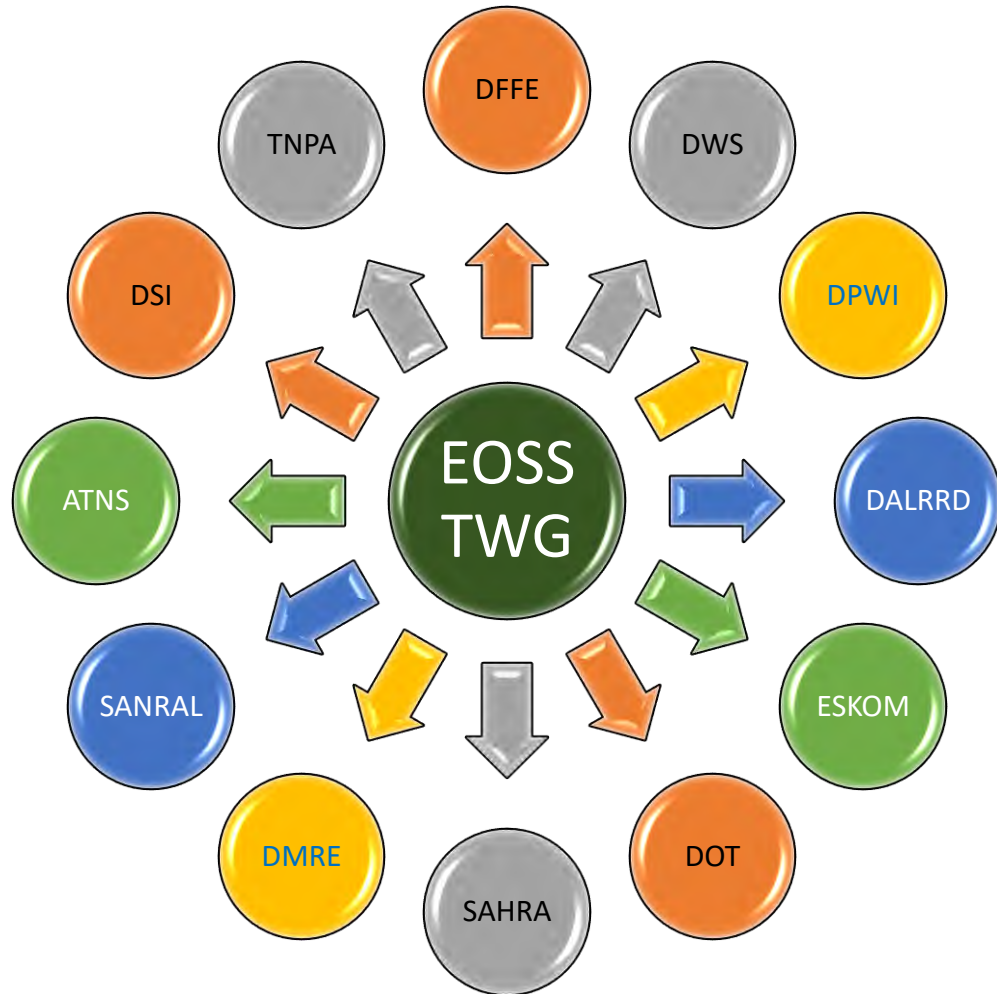
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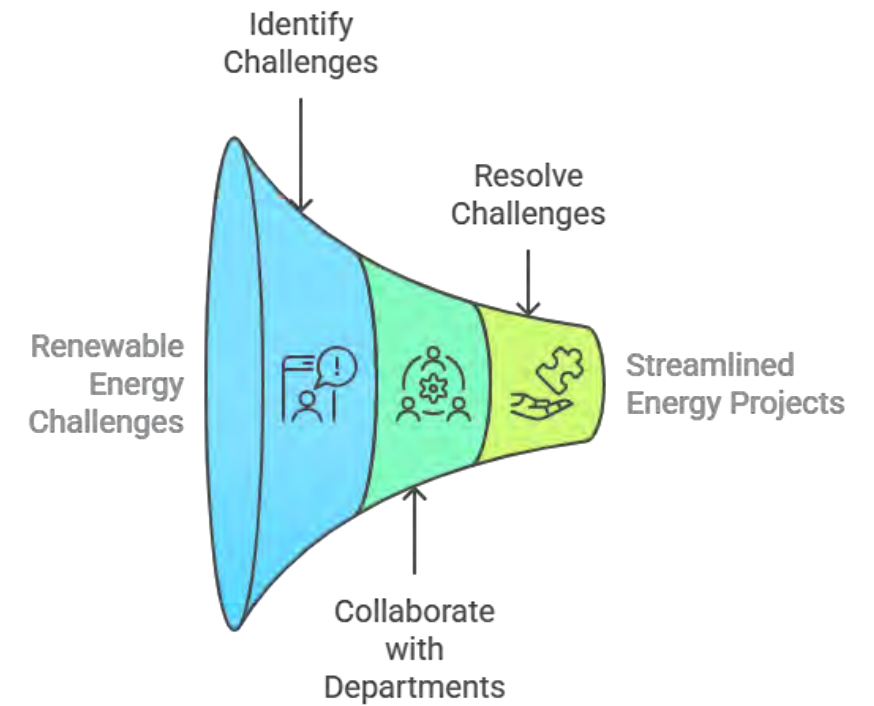
EOSS INTERDEPENDENCIES



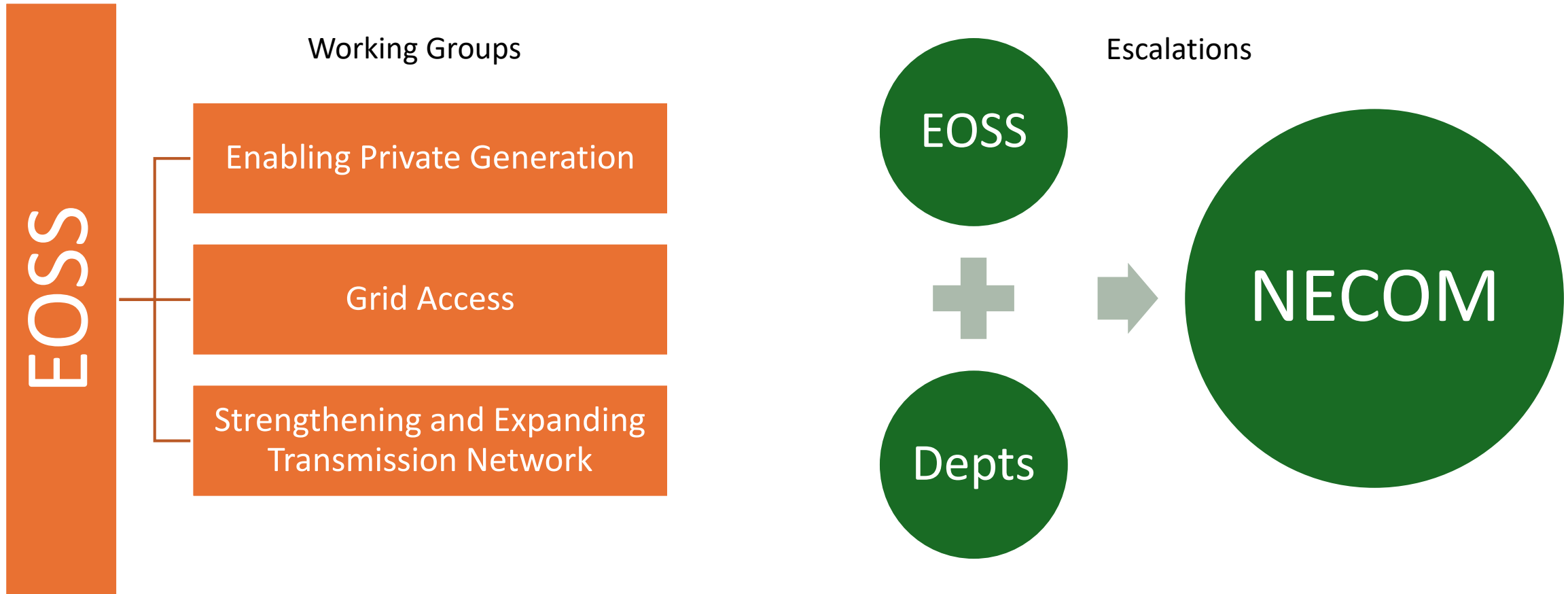
EOSS OPERATIONS



Streamlining Renewable Energy Challenges



EOSS Representation and Escalations



EOSS Technical Working Group

Department of Fisheries Forestry and Environmental Affairs **(DFFE)**

Department of Minerals and Petroleum **(DMRE)**

Department of Water Affairs and Sanitation **(DWS)**

Department of Public Works and Infrastructure **(DPWI)**

National Energy Regulator (NERSA)

Department of Science and Innovation **(DSI)**

Transnet National Ports Authority **(TNPA)**

Department of Agriculture Land Reform and Rural Development **(DALRRD)**

Department of Transport **(DOT)**

South African National Roads Agency **(SANRAL)**

Air Traffic Navigation Services **(ATNS)**

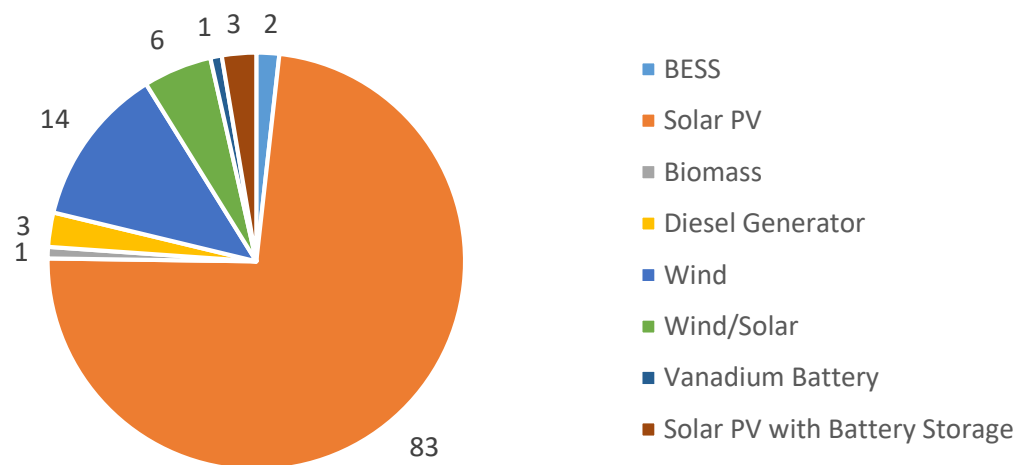
Civil Aviation Authority **(CCA)**

ESKOM

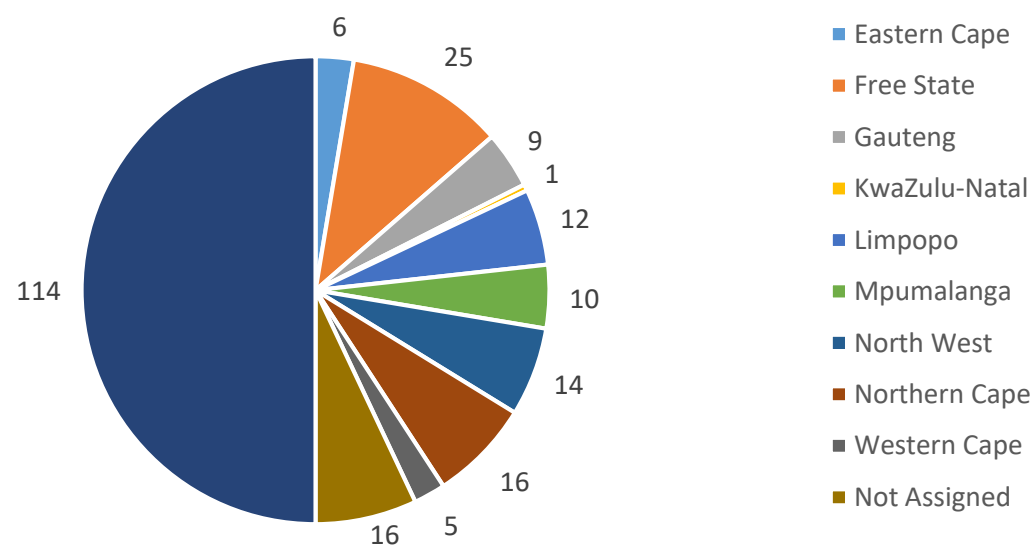
South African Heritage Agency **(SAHRA)**

Presidency Project List (114)

Projects Per Technology



Projects Per Province

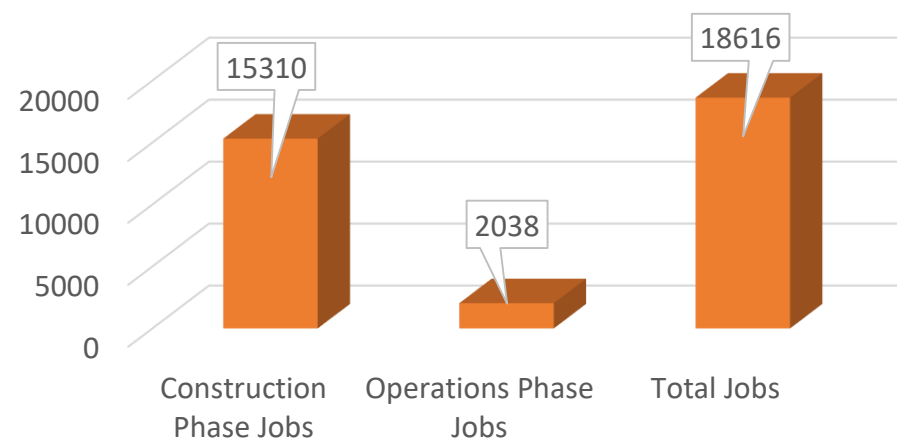


16 859 MW



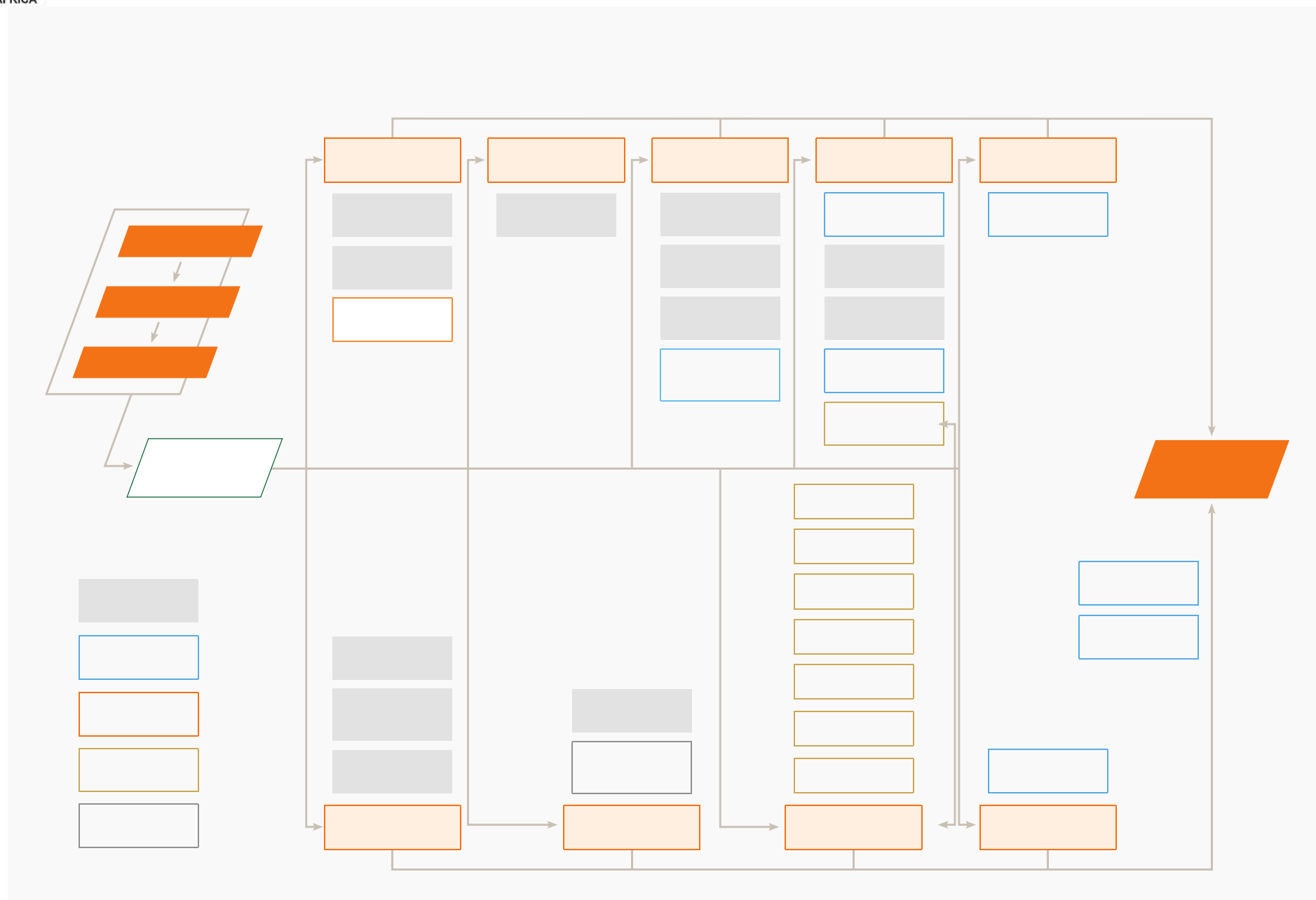
R108,855 Billion

Number of Jobs





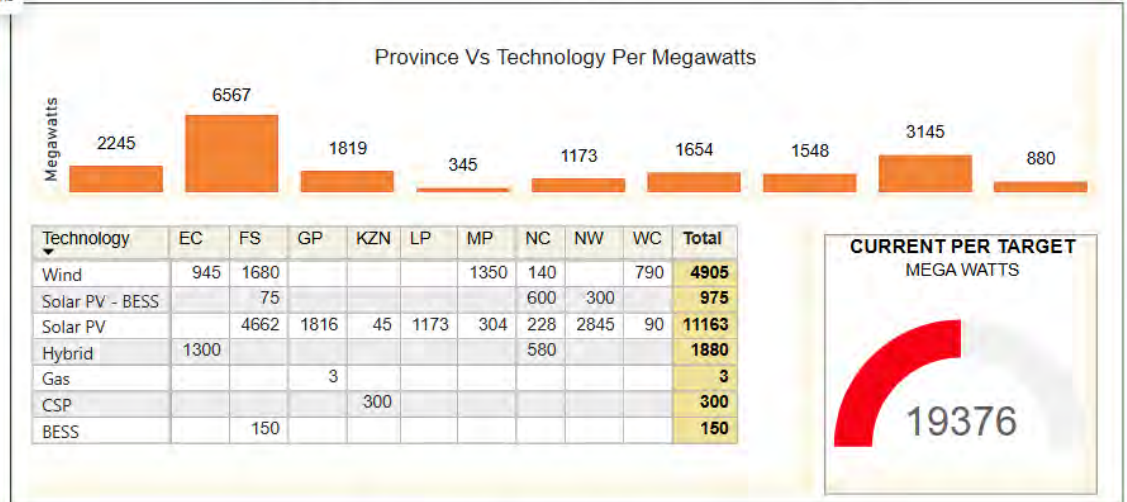
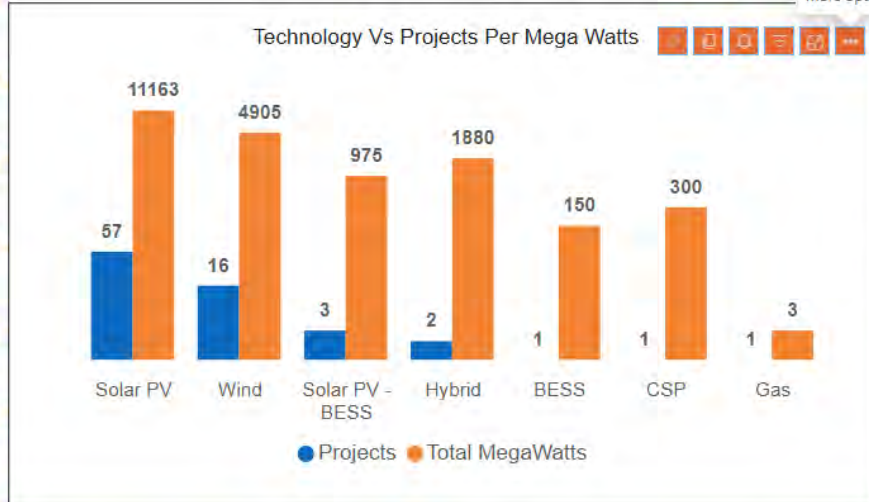
IPP Licensing and Permits Road Map



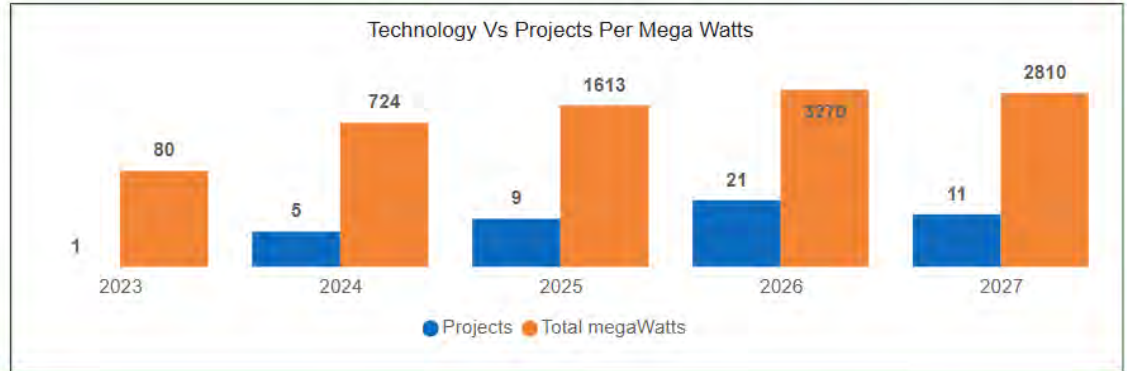
CHALLENGES	PROJECT STATUS	DEVELOPERS	PROVINCE	TECHNOLOGY	COD YEAR	ASSIGNED	TOTAL PRIORITY	TOTAL SECONDARY	TOTAL PORTAL
All	Tracking	All	All	All	All	All	4	46	26

DSI	DPWI	DMRE Amendment Section 53	DFFE(EIA/EMP)	DFFE (EA Amendment)	DALRRD (Agricultural Consent)	CAA	ATNS Amendment
All	All	All	All	All	All	All	All

- Eskom BQ
- Eskom CEL
- Municipal Consent
- PPA Concluded
- Registration with NERSA
- SAHRA
- SANDF
- Wheeling Agreement
- SANRAL
- SAWS
- Water License

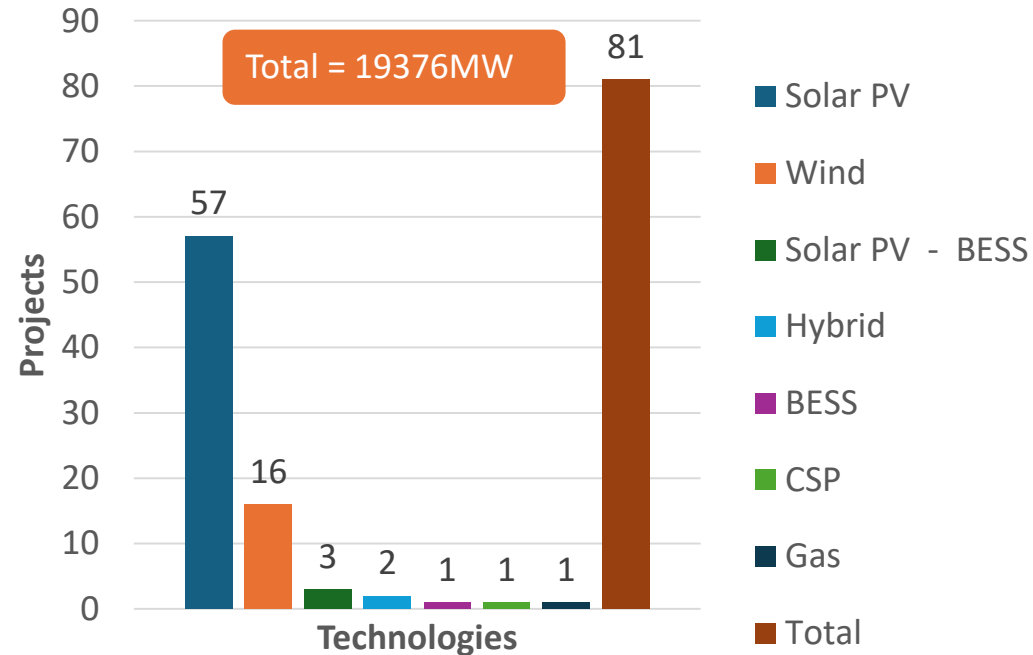


Project Name	Technology	COD	Megawatts (MW)	Provir
Demeter MTS	Hybrid		1300	EC
Earth & Wire	Wind		77	EC
Earth and Wire	Wind		104	EC
Hamlett	Wind		104	EC
Redding	Wind		225	EC
Rippon	Wind		95	EC
Sasol/Air Liquide: Enel Green Power Impofu West Wind	Wind	2025/01/01	200	EC
Sasol/Air Liquide: Enel Green Power Impofu East Wind	Wind	2025/01/31	140	EC
Genesis Parys Solar	Solar PV		200	FS

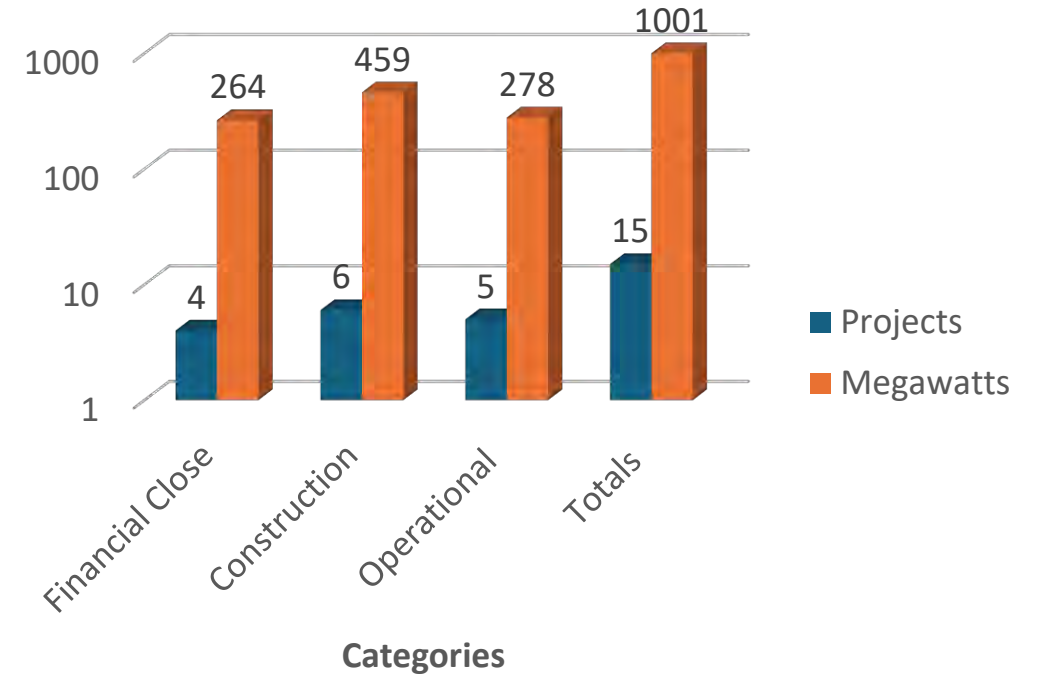


Energy One Stop Shop Performance (to date)

Projects in EOSS Tracking Pipeline



EOSS Development Pipeline



Energy capacity to support households.



100 MW Power

Supports approximately
81,081 households



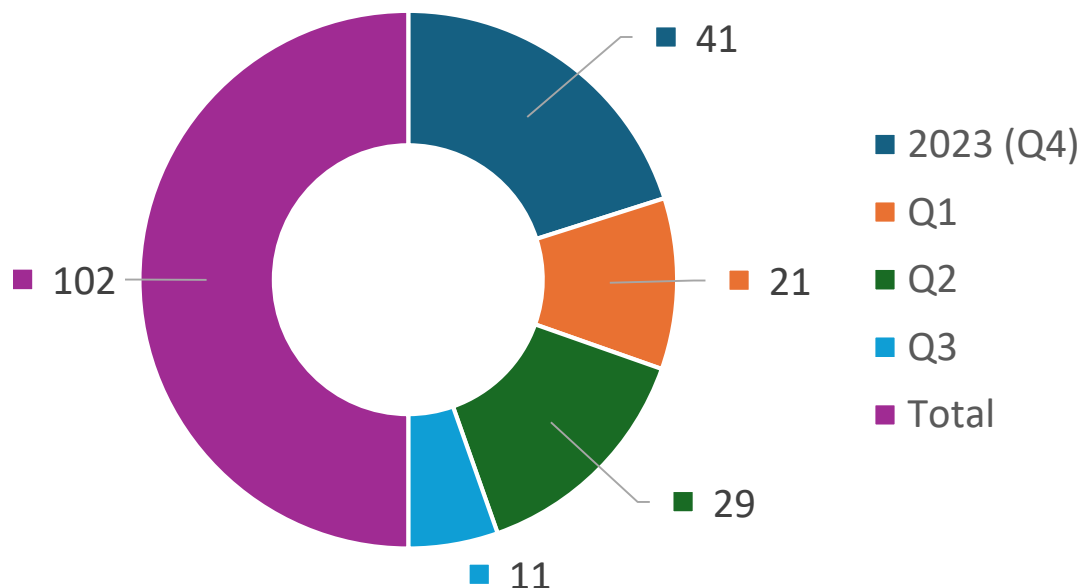
Household Energy Needs

Requires 29.6 kWh/day per
household

Estimate Power Consumption of an Automotive Assembly Plant

Plant Size	Power Demand (MW)	Annual Hours	Annual Consumption (GWh)
Small Plant	5–10 MW	4,000–7,900	20–79 GWh
Medium Plant	10–20 MW	4,000–7,900	40–158 GWh
Large Plant	20–40 MW	4,000–7,900	80–316 GWh

Regulatory Challenges Unblocked



Departmental Challenges

Department	Projects	Delays (days)	Challenge
SANDF	28	+90	Letters of No Objection
DMRE	10	90 - 365	Section 53
ATNS/CAA	22	90 - 365	Authorisation
DPWI	10	90 - 365	Authorisation
ESKOM	10	90 - 365	CELs and BQs Approvals

Cost Estimate Letters (CELs)
Budget Quotes (BQs)

Energy Developers



Project Testimonials



Free State
SOLAR 70MW
Jan 2023

Dear EOSS Team,
Thank you for all your efforts given last year on unblocking some of our main issues. We appreciate it!. I would just like to update you on the Ngwedi SALA. We received the SALA last ... y.



Gauteng
BIOGAS 9.8MW
Jan 2024

Dear EOSS Team
I hereby confirm that we have received our EIA thank you so much with your support and commitment in getting this over the line we really appreciate all your efforts! - Sean Thomas (CEO)



Mpumalanga
SOLAR 315MW
Nov 2023

Good morning Mahlatsi
Thank you for your response, it is much appreciated. Just to inform you, we have received our CEL yesterday from Eskom.
We will still appreciate if you can liaise with the DMRE for us. Johan Pieters

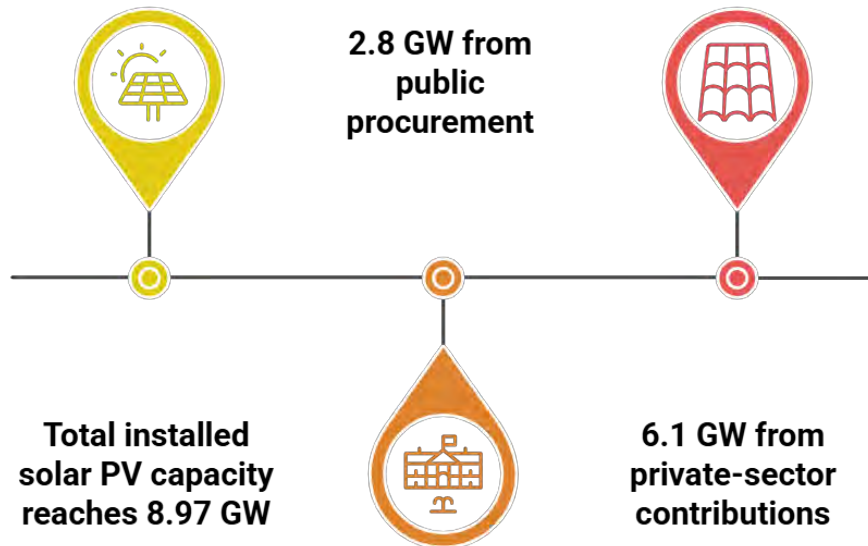


Free State
SOLAR 150MW
Nov 2023

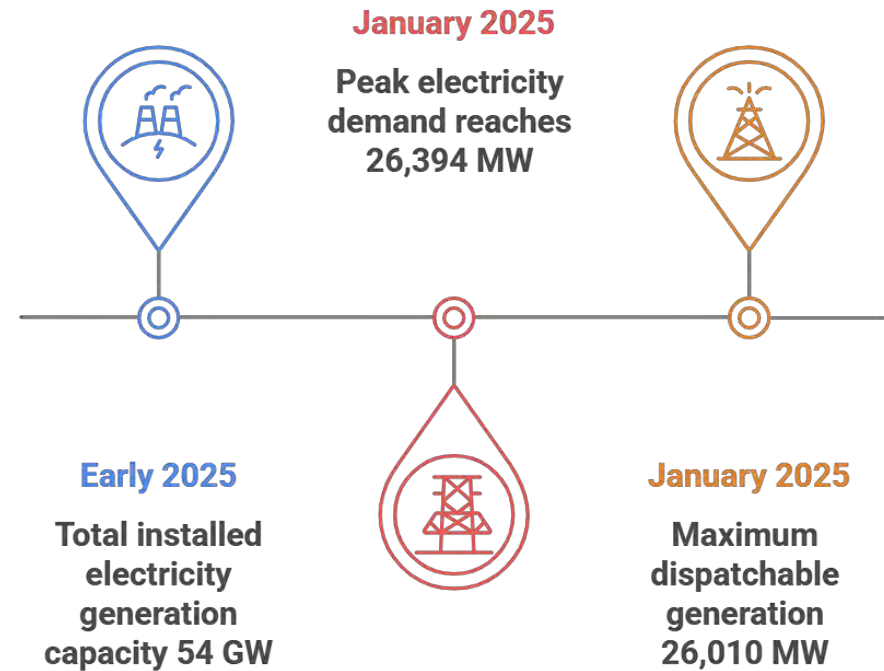
Hi Millicent,
I wanted to inform you we received the SANRAL wayleave on Friday - Nazlie Towfie,

South Africa's Energy Environment 2025

South Africa's Solar Energy Milestones December 2024

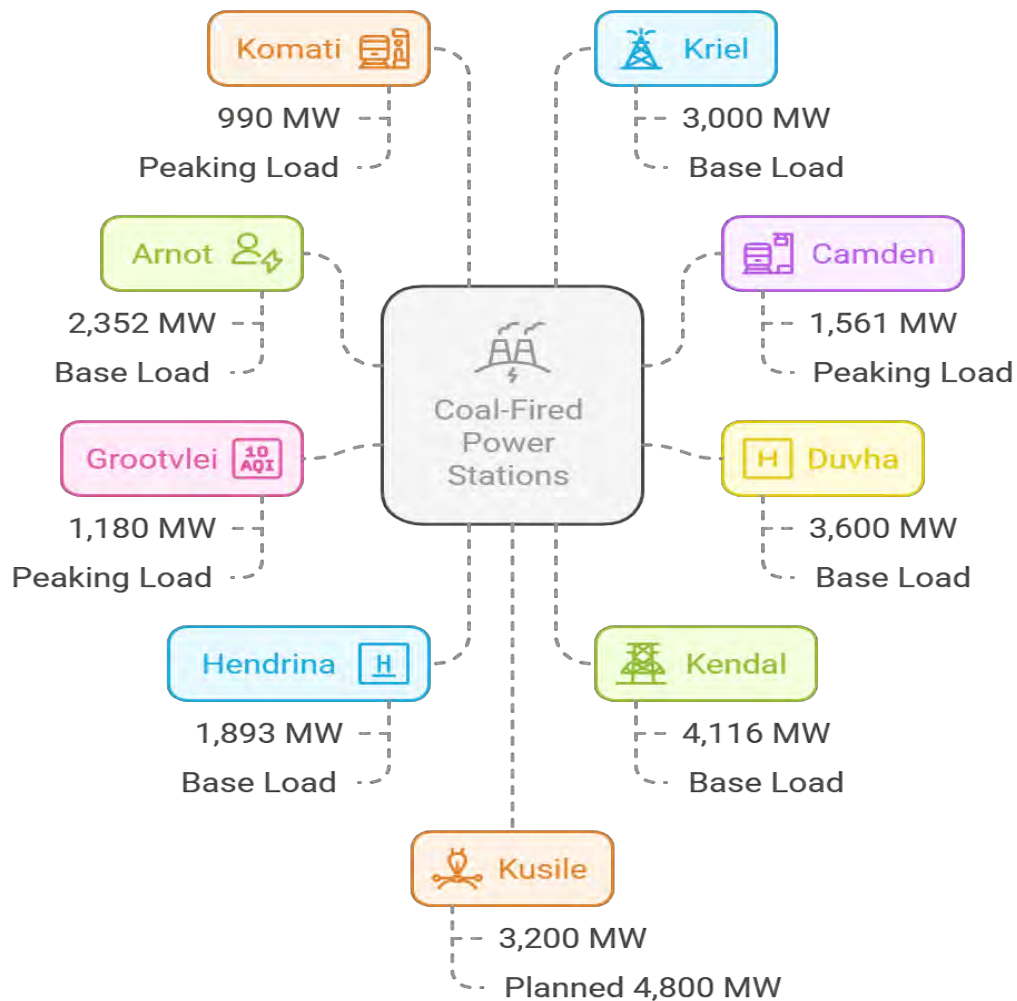


South Africa's Energy Landscape in Early 2025

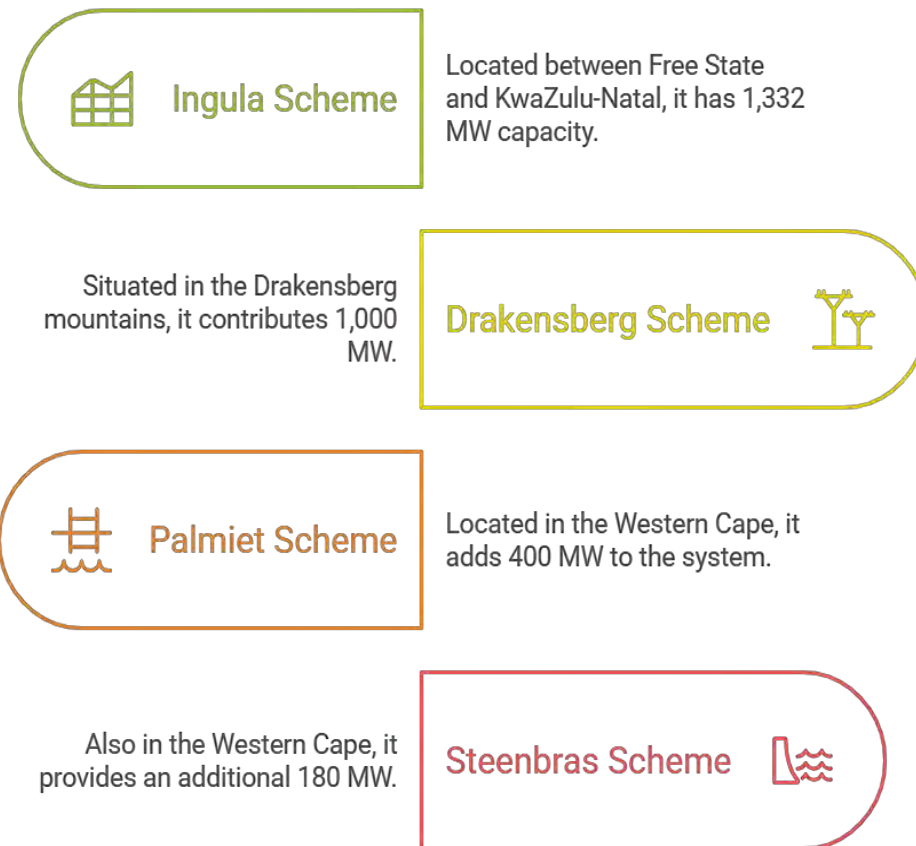


Power Station Capacity in South Africa

South Africa's Coal-Fired Power Stations and Capacities



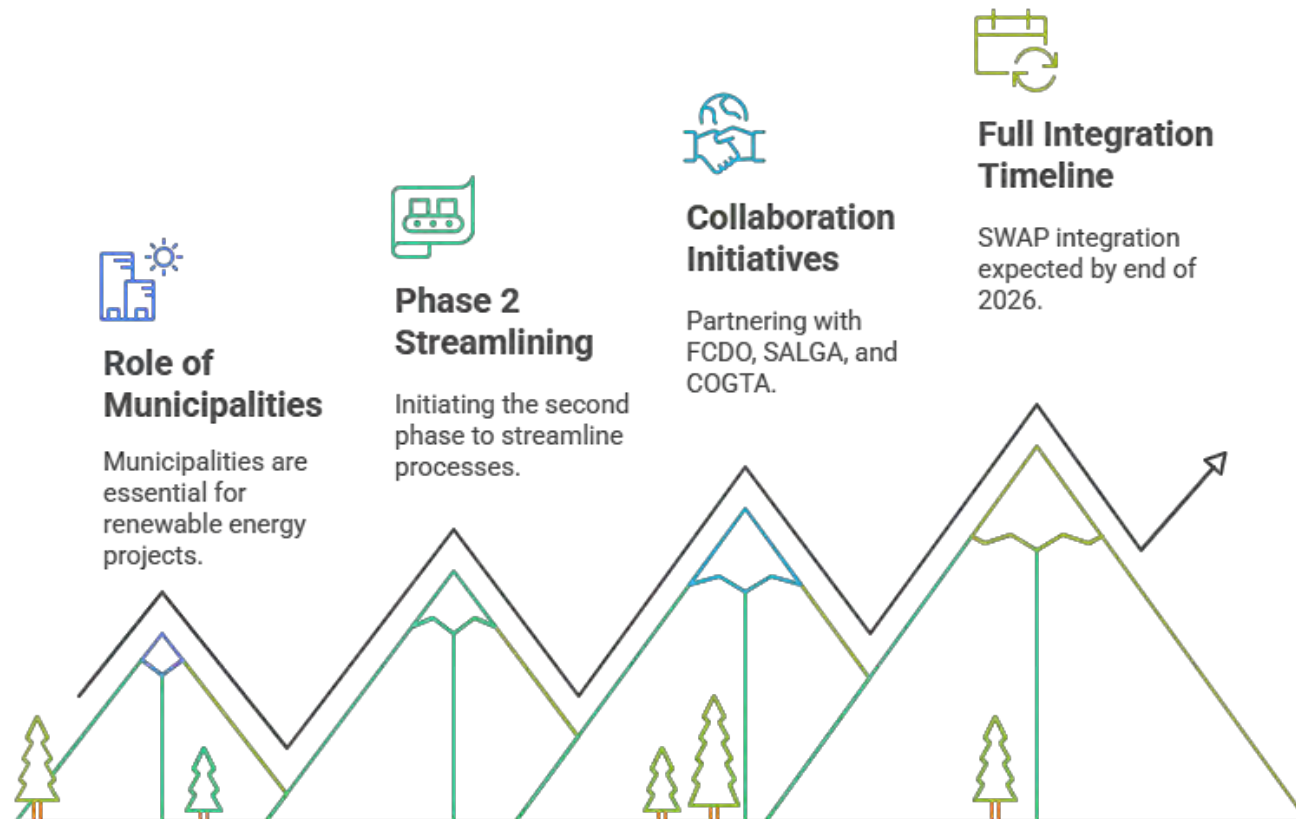
Pumped Storage Schemes



Strengthening Municipal Integration

- Municipalities play a **crucial role** in renewable energy projects.
- Phase 2 of **streamlining municipal processes** is underway.
- Collaboration with **FCDO (UK-Pact), SALGA, and COGTA**.
- Key items such as Spatial Planning Land Usage Management Act (**SPLUMA**), **Subdivision of Agricultural Land Act (SALA)** and **standardisation of processes** are crucial towards successful integration
- Full integration with SWAP expected by **end of 2026**.

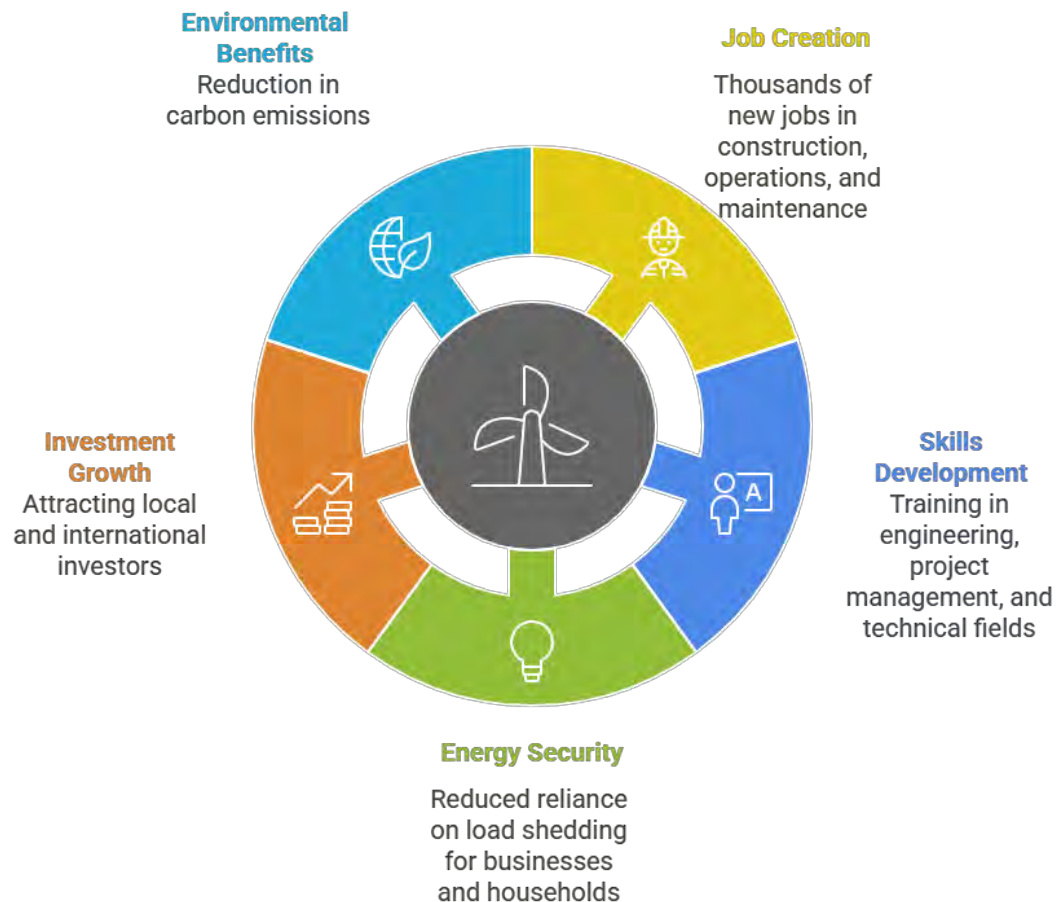
Municipal Integration in Renewable Energy



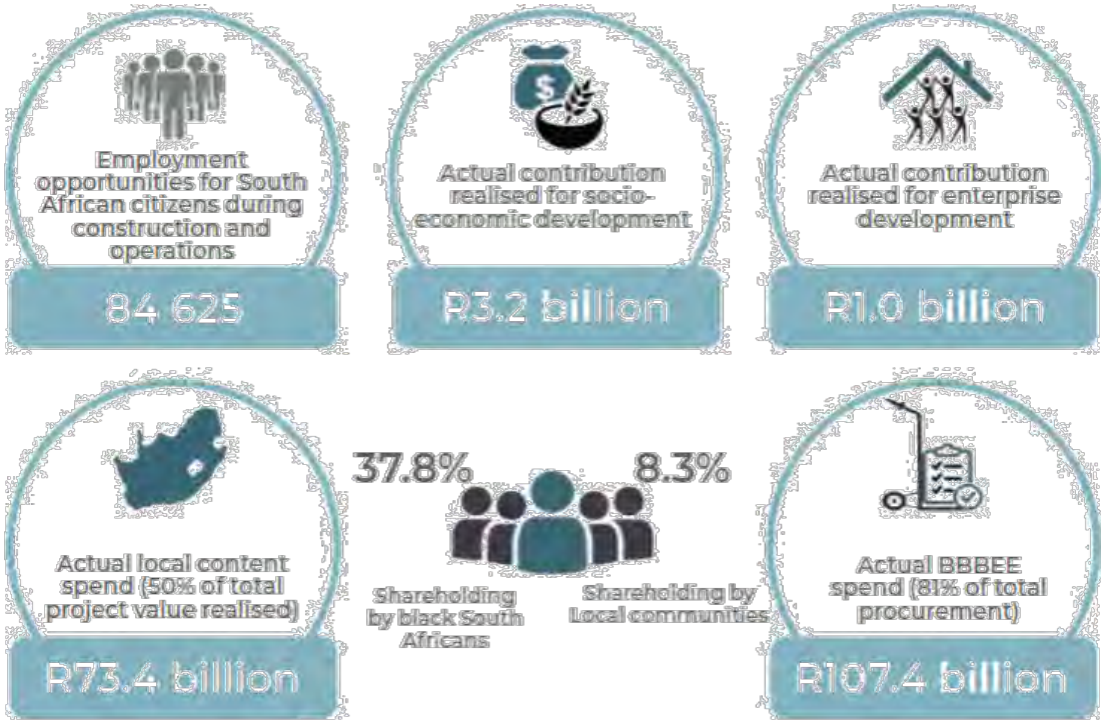
Socio-Economic Impact of Energy Projects

- Net-Zero by 2050
- Construction & Operational jobs
- Multi-faceted Skills Development
- Alternative Energy Mix
- Strong Pipeline of Projects

Benefits of Renewable Energy Expansion



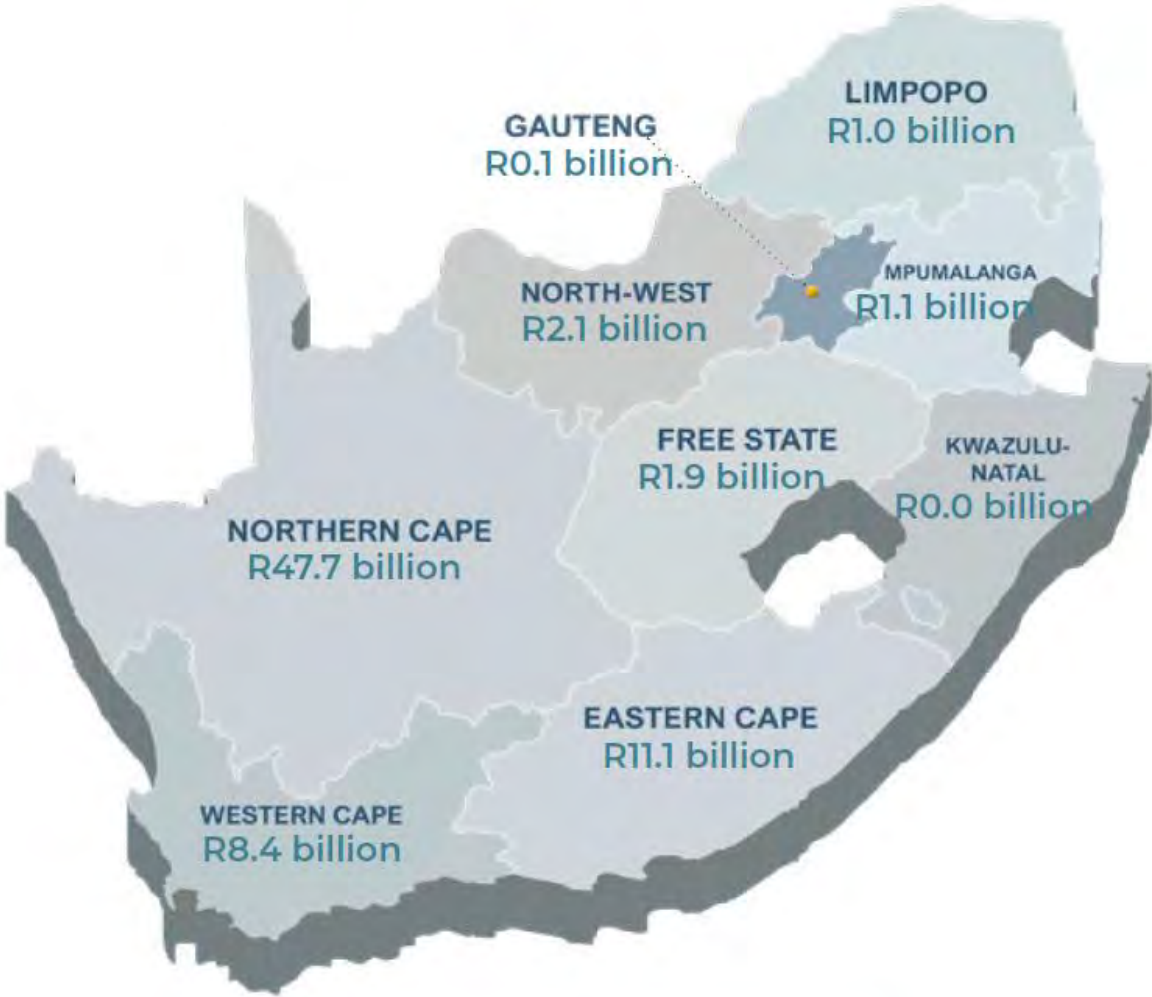
Key Achievements of the IPP Program as at end December 2024



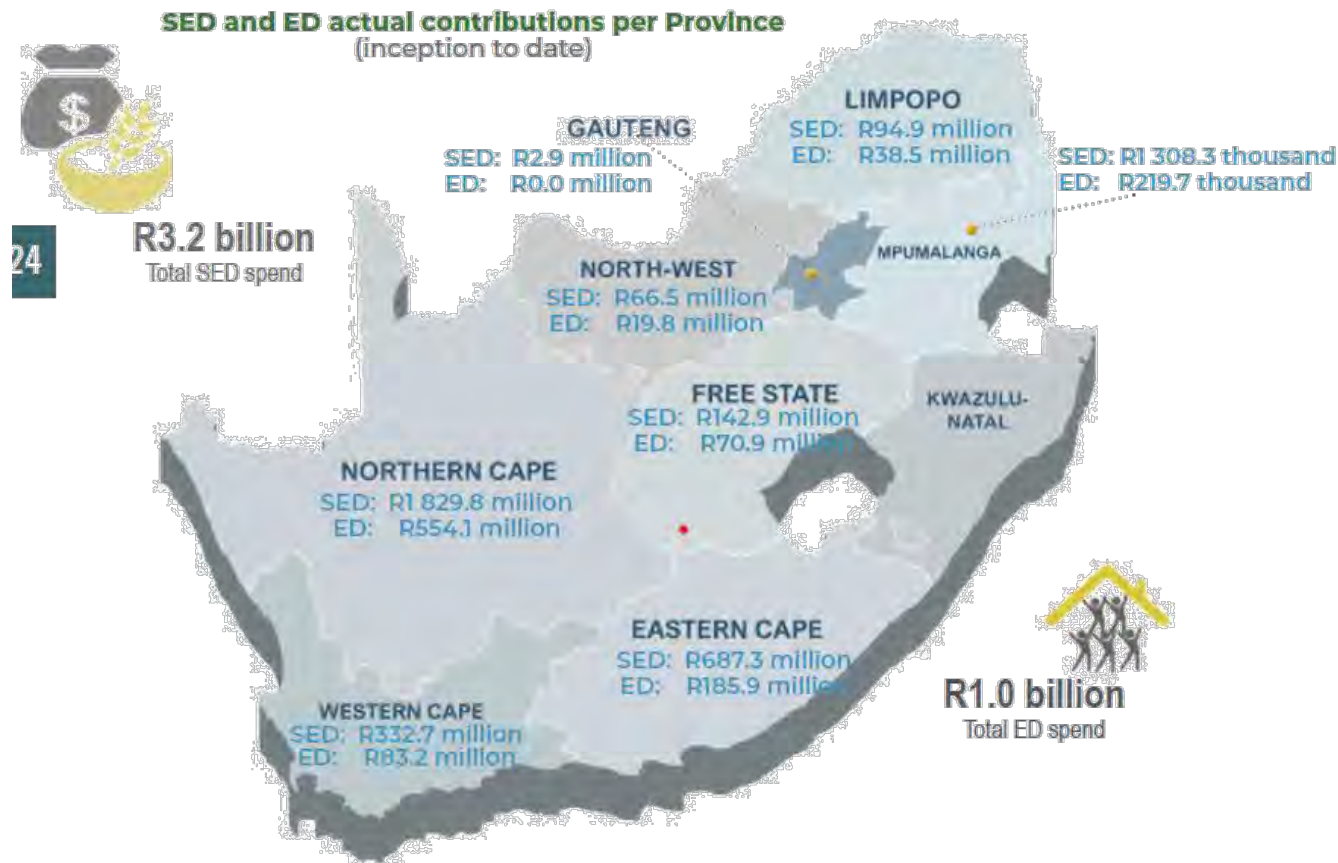
Local Content Spend



Local Content achievements per Province
(total spend from inception to end December 2024)



Preferential procurement spend enabling South African suppliers to capture a share of the value of the programme



Enterprise and socio-economic development commitments have been made in five categories; namely, education and skills development, social welfare, healthcare, general administration, and enterprise development. The distribution of the combined ED and SED spend is shown across activity categories below (projects spend reported to date as % of total):



Total Procurement Spend (as at end December 2024)

R128 billion

R87.9 billion in construction
5% more than planned

R40.1 billion in operations
51% of planned spend (over 20 years)

Total Preferential Procurement Spend

84% of total procurement

Total BBBEE spend

R107.4 billion
of which R73.3 billion in construction and R34.1 billion in operations

32% of total procurement

Total QSE & EME spend

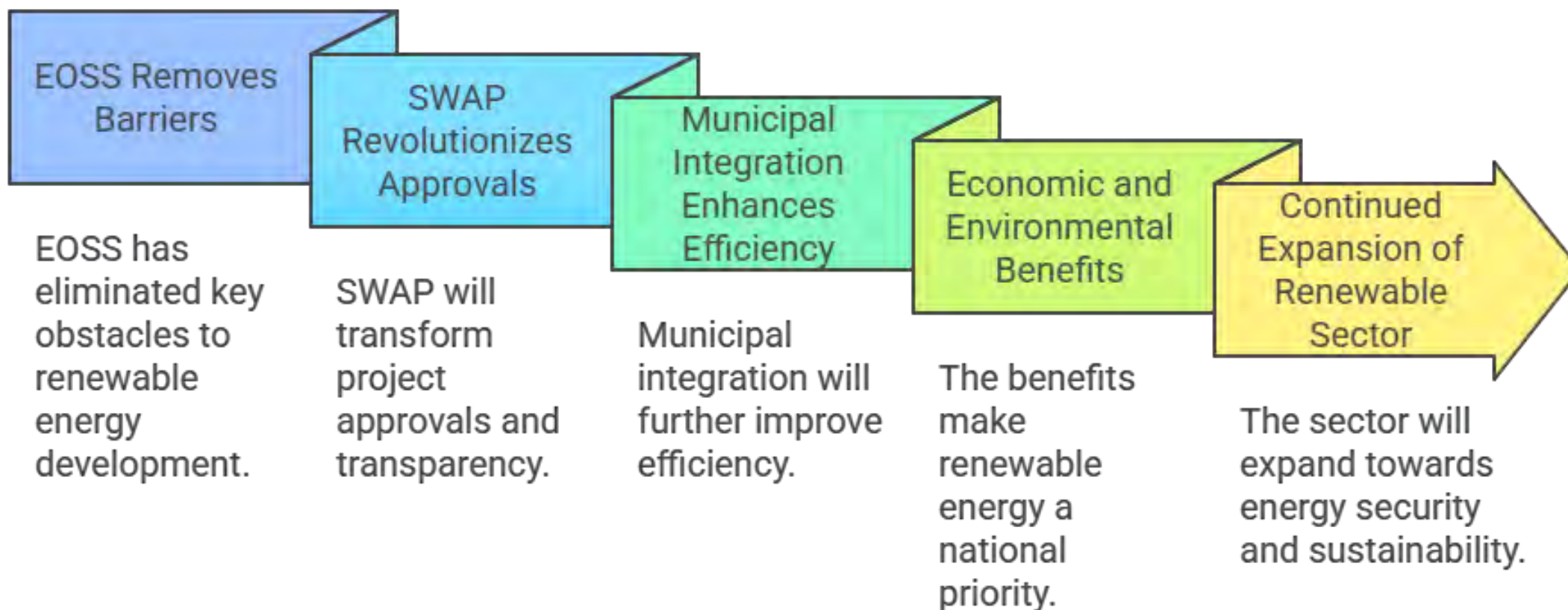
R41.2 billion
of which R27.4 billion in construction and R13.8 billion in operations

7% of total procurement

Total women-owned vendor spend

R8.9 billion
of which R5.5 billion in construction and R3.4 billion in operations

Pathway to Renewable Energy Growth in South Africa





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invest SA
ONE STOP SHOP

THANK YOU

