



ELECTRICIDADE  
DE MOÇAMBIQUE, E.P.

# Generation and Transmission Projects for Private Sector Investments

Project pipeline – RENMOZ 2026

MAPUTO 11 - 12 JUNE 2026



ELECTRICIDADE DE MOÇAMBIQUE, E.P.

ILUMINANDO A TRANSFORMAÇÃO DE MOÇAMBIQUE



# RENMOZ 2026:

## Generation and Transmission Projects for Private Sector Investments

1

### Overview of EDM's mandate and vision

Overview of EDM's, the organisation's role within the Mozambique energy sector and how it can support to unlock economic growth, development and social benefits

2

### Milestones for “Energy Transition and Energy Compact”

EDM's achievements towards driving Mozambique's Energy Transition Strategy and enabling the Energy Compact

3

### Overview of EDM priority projects

Showcase projects, highlighting the technical details, investment requirements and the contribution to the broader strategic & developmental goals of the country

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# EDM's mission, vision and values in alignment with Mozambique's Energy Transition Strategy and Energy Compact



## Mission

To produce, transport, distribute and sell good quality electricity, in a sustainable way, to illuminate and enhance the industrialization of the country.

## Vision

Transform EDM into an Intelligent and Sustainable Utility, which gives access to quality electricity to every Mozambican and exercises leadership in the Regional Market.



## Values

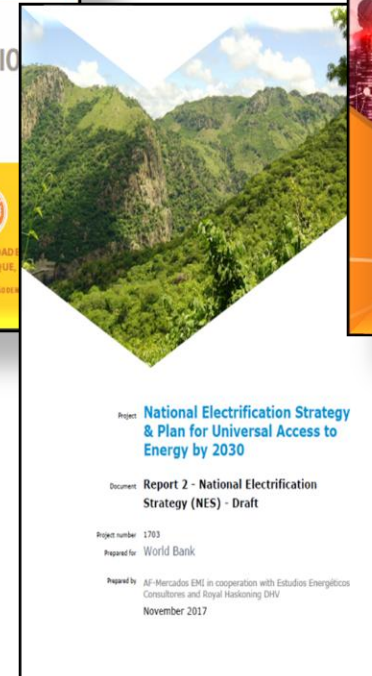
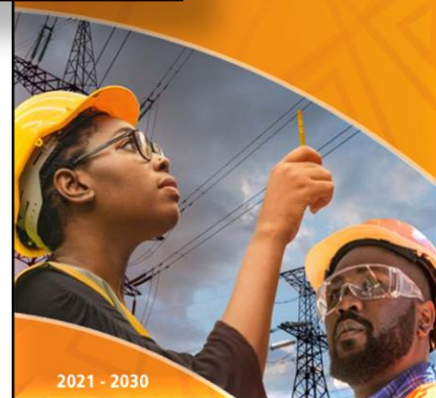
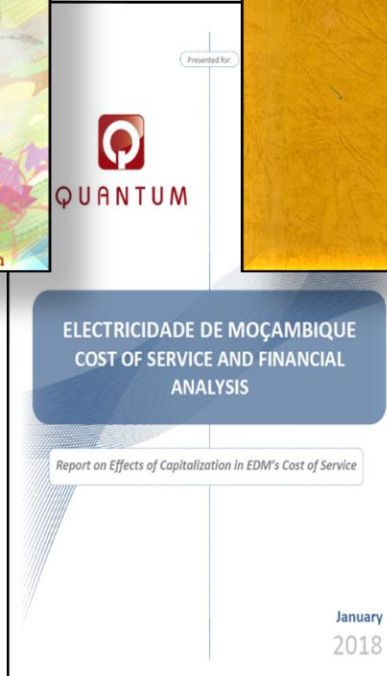
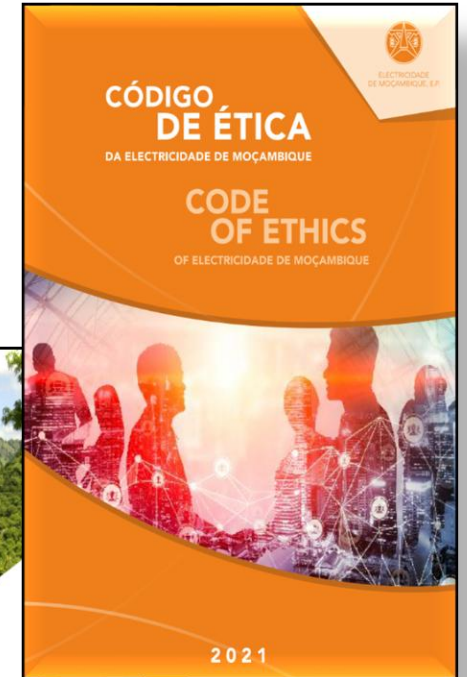
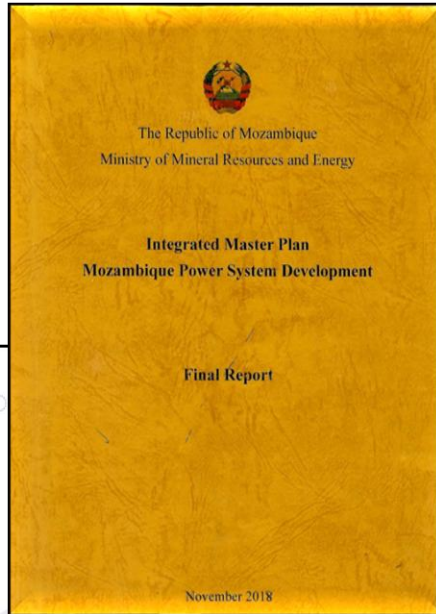
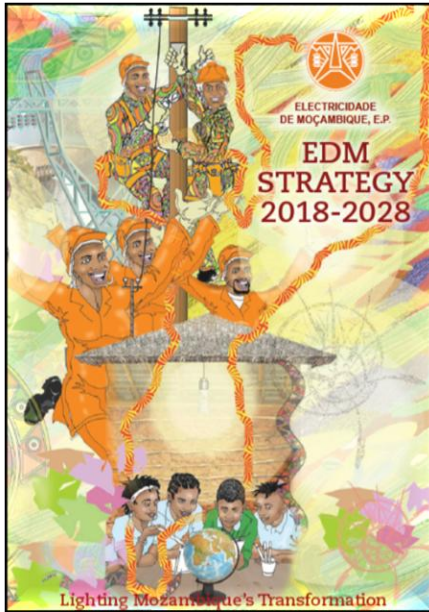
Integrity, Transparency, Equality, Competitiveness and Team Spirit



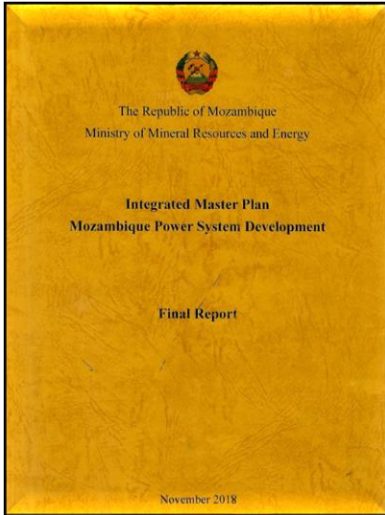
## Purpose & values



# EDM Guiding Instrument's



# EDM Guiding Instrument's – Integrated Electricity Infrastructure Master Plan



**Integrated Electricity Infrastructure Master Plan (2018–2043)**

- The Integrated Electricity Infrastructure Master Plan is a strategic instrument of the Government, with the objective of guiding the coordinated development and expansion of electricity infrastructure across the country.
- This plan aims to ensure universal access to electricity, promote efficiency in power generation, transmission, and distribution, and sustainably respond to growing demand.
- Master Plan represents a key milestone in the modernization of the national power system, integrating rural electrification initiatives, regional interconnections, renewable energy, and the strengthening of the transmission network, in alignment with Mozambique's economic and social development objectives.

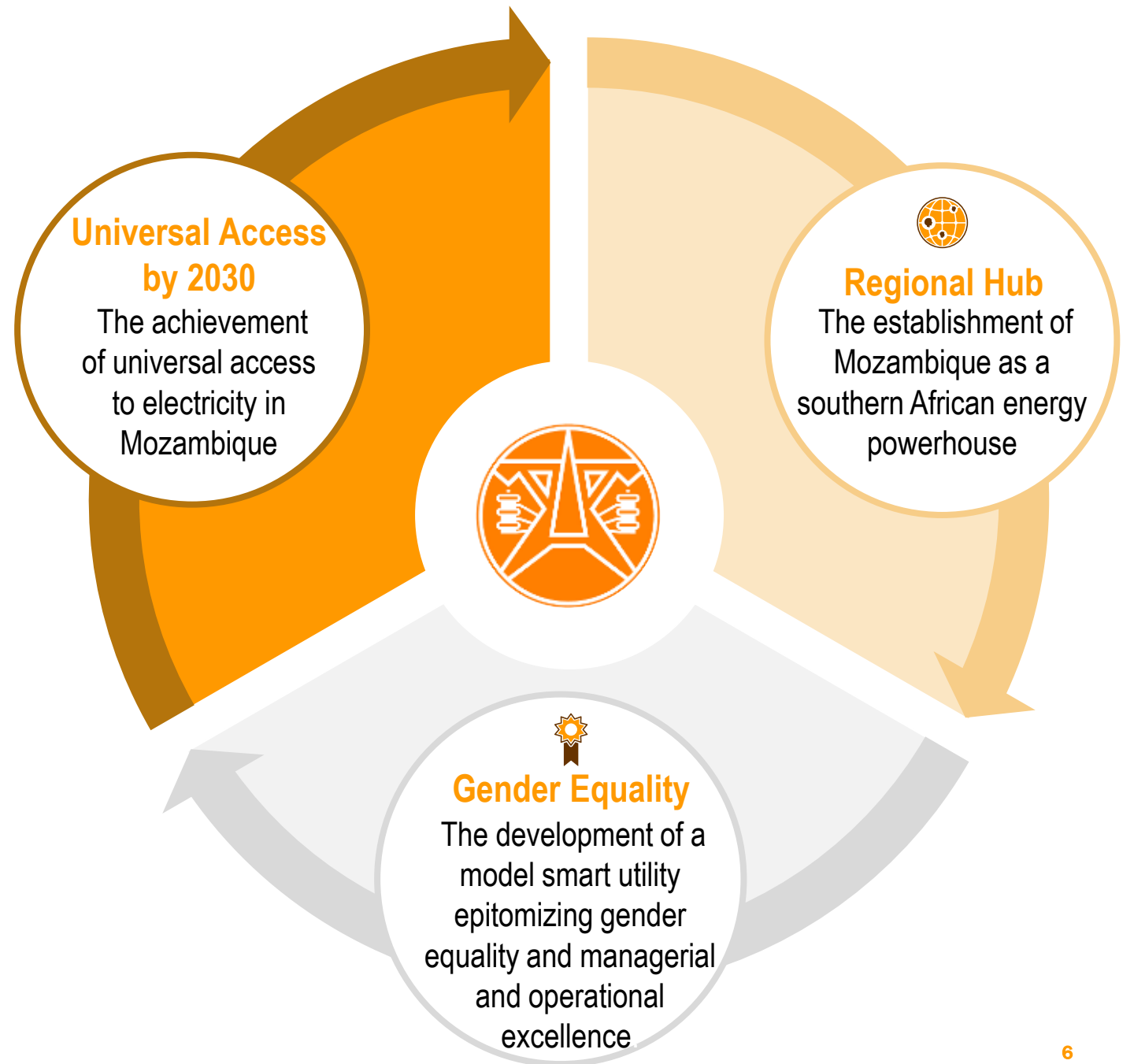


## **Integrated Electricity Infrastructure Master Plan Update (2026–2046)**

- ✓ Demand Analysis
- ✓ Generation Development Plan
- ✓ Transmission Development Plan
- ✓ Distribution (Expansion and Rehabilitations) Plans
- ✓ Investment Plan for the Next 7 Years
- ✓ Pre-Feasibility Studies



EDM operations are guided by 3 key strategic priorities...



# ... and underscored by clear financial and operational objectives



## Financial sustainability goals

- 1 Operate with cost-reflective tariffs
- 2 Improve budgeting, budget monitoring, control and reporting process (capital and operating expenditure)
- 3 Strengthen the balance sheet; increase share capital through debt-to-equity conversion by government.
- 4 Attain better financial autonomy through improved debt service
- 5 Develop and implement a funding strategy and Secure Government support



## Operational excellence & competitiveness goals

- 1 Optimise internal funds, prioritise commercial electrification, and continue social electrification projects with gov. or donor funds
- 2 Promote the development of strategic projects through corporate financing and PPPs
- 3 Improve financial profitability through cost optimisation, treasury reform, financial recovery, and loss reduction of supplied energy
- 4 Expand energy efficiency initiatives and demand side management
- 5 Diversify the energy matrix through implementation of generation projects as defined in the Electricity Master Plan
- 6 Improve the ability to respond to energy demand by eliminating bottlenecks in the system

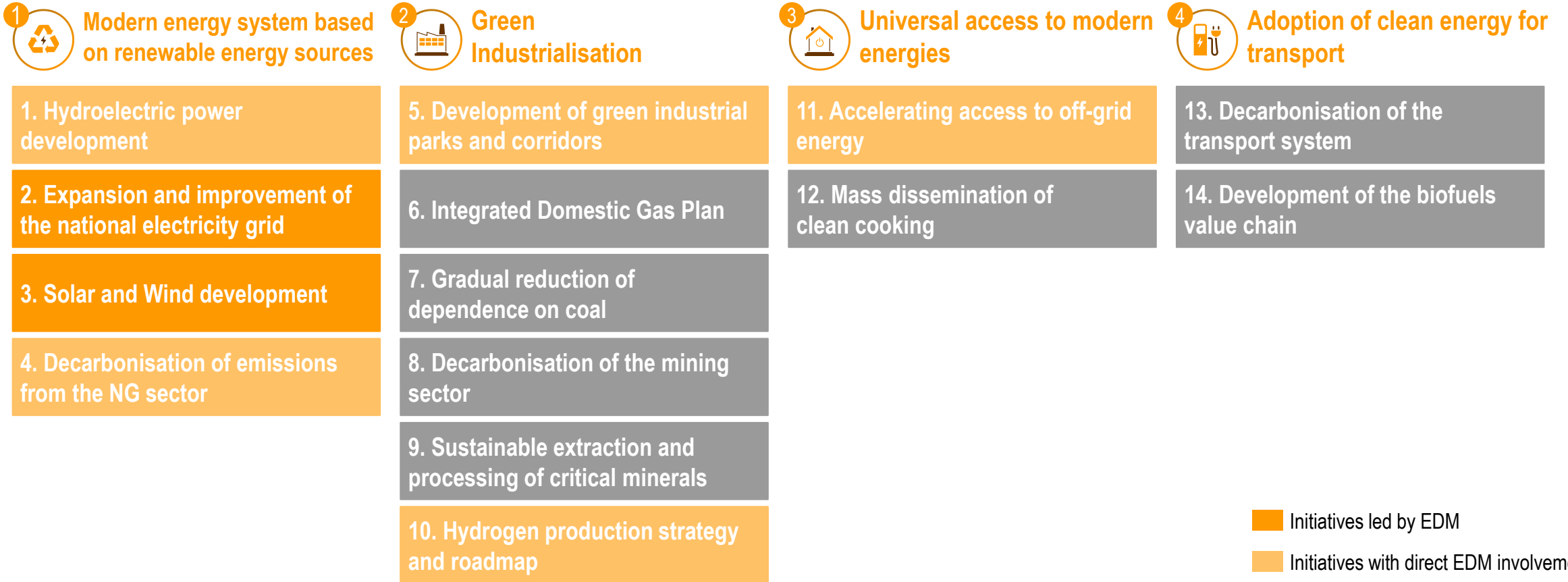





# EDM plays an important role in the country's energy strategy

## Mozambique's Energy Transition Strategy

Pillar

Programmes



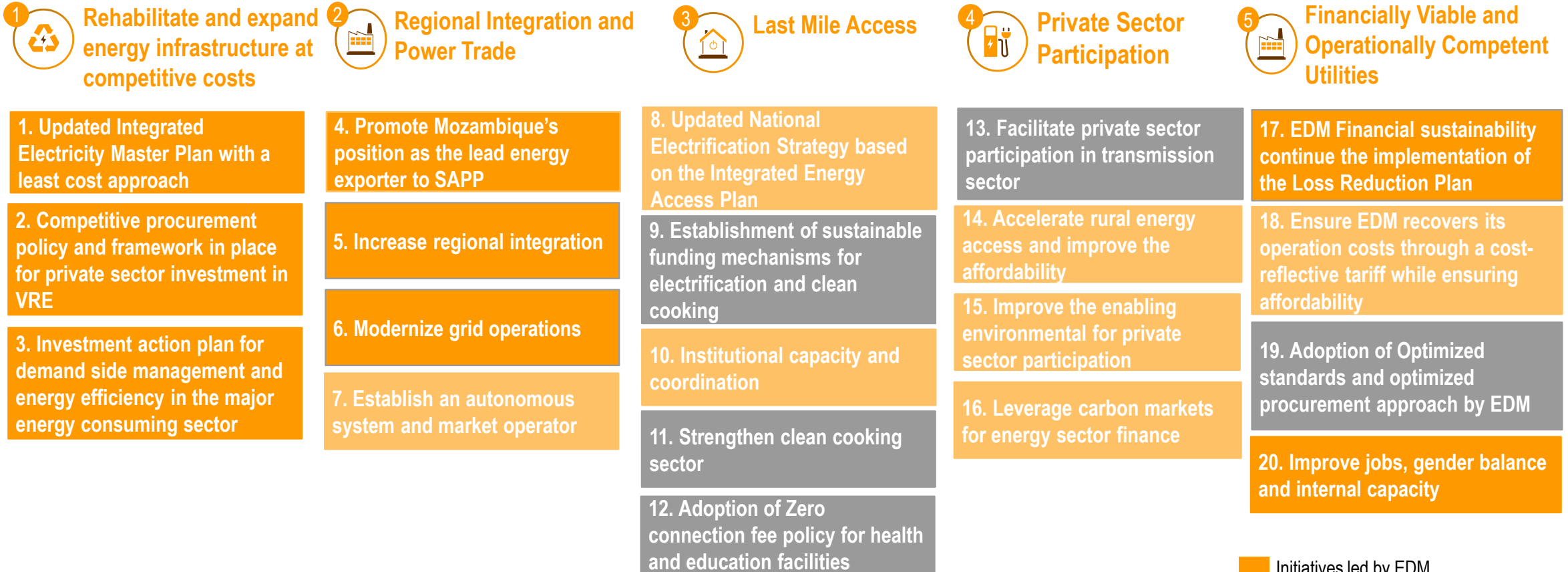
-  Initiatives led by EDM
-  Initiatives with direct EDM involvement
-  Initiatives with indirect EDM involvement






# EDM plays an important role in the country's energy compact

## Mozambique's Energy Transition Strategy

Pillar  
Programmes



-  Initiatives led by EDM
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# EDM's portfolio of 20+ projects aligns to 4 focus areas, guided by strategic, operational and financial priorities envisage support the ETS and EC

EDM's mission and vision emphasise universal access, a smart, sustainable utility, and regional leadership - these programmes translate that ambition into action: more affordable, reliable power, a stronger and resilient grid, and monetised regional trade



## 1 Generation

*Expanding reliable, least-cost capacity*

- Bringing new capacity and diversifying the generation matrix: mini, medium and large hydro; gas to power; VRE
- Increases firm capacity, diversifies supply, reduces climate/seasonal exposure, supports universal access and contribute to regional ETS



## 2 Transmission

*Building the national backbone*

- North-South reinforcement connecting generation regions to load centres; regional interconnectors to increase trade flows
- Relieves grid congestion, improves quality and reliability of supply, and creates the vehicles for SAPP trading (exports/imports)



## 3 Distribution

*Driving universal access and smarter delivery*

- Expanding medium-/low-voltage networks, grids to reach underserved rural and peri-urban areas, and connect new consumers
- Advances universal access goal, drives grid extension to new clients, tackles non-technical losses, and improves EDM financial viability



## 4 Commercialisation

*Monetising surplus through SAPP*

- Using new lines and capacity to grow firm SAPP sales and enable bilateral trades (e.g., with Malawi and South Africa)
- Stable FX revenues support financial sustainability, smooths seasonal deficits, positions Moz as a regional energy hub

WHAT

WHY



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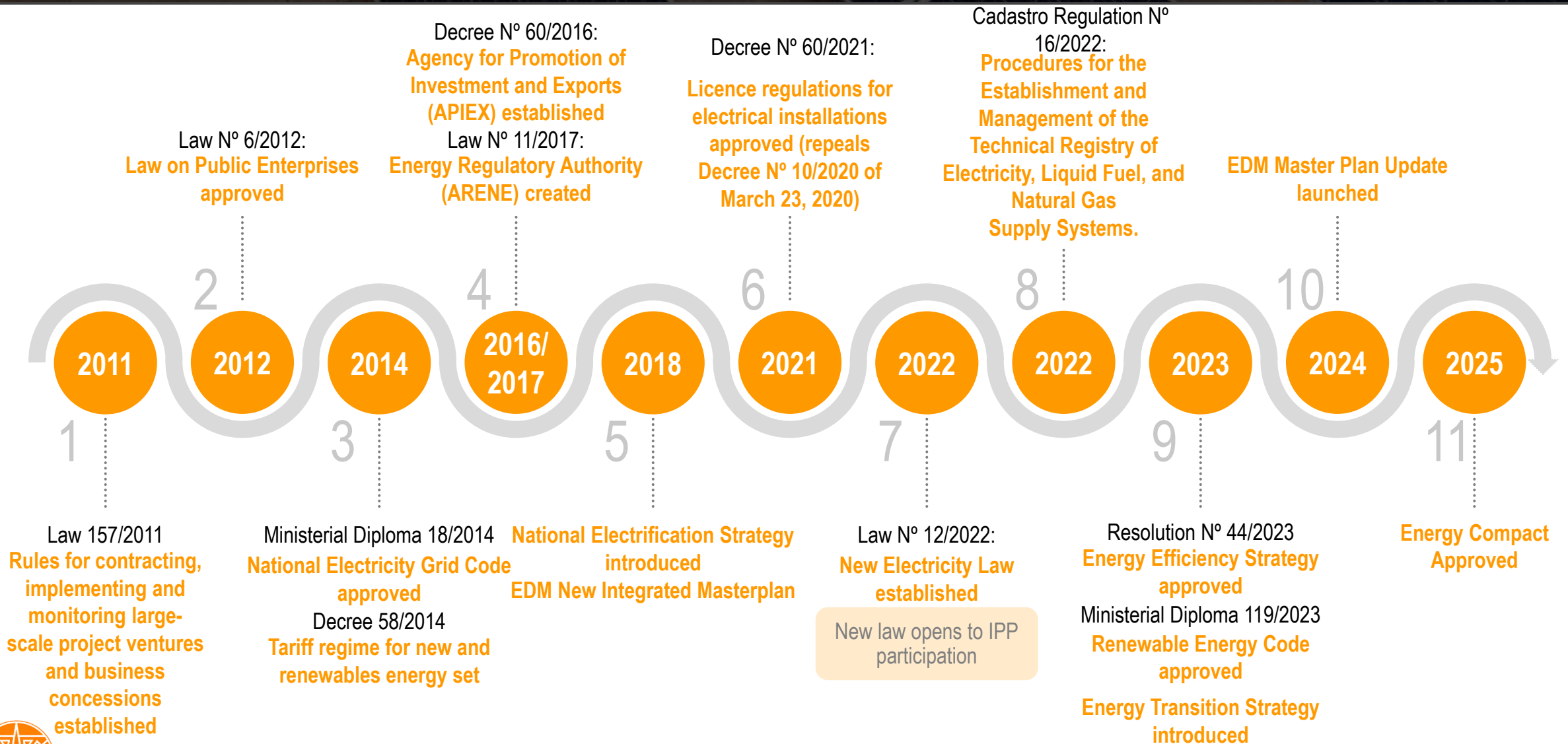
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### Overview of EDM priority projects

Showcase projects, highlighting the technical details, investment requirements and the contribution to the broader strategic & developmental goals of the country

# Over the years, Mozambique has implemented policies and strategies to accelerate energy access across the country (including renewables)



# These policies have led to tangible shifts within the country's energy sector



## Expansion of renewable generation capacity

- **Renewables supply ~80%** of Mozambique's energy
- Mphanda Nkuwa project which will add **1,500 MW** – has secured **+1Bn dollar support from the World Bank Group**
- The full refurbishment and planned expansion of the Cahora Bassa Hydropower Plant will add **1,250MW**



## Increased regional contribution

- Mozambique is **one of key player's in the SAPP**
- **Existing transmission lines** with South Africa, Eswatini, Zimbabwe, and Malawi (upcoming 2026)
- **National Control Center** Project underway to improve cross-border power trade



## Accelerated electricity access to for broader population

- **Electricity access 65%** (2025) driven by policy commitment
- **400K+ new grid connections** in 2026



## Enablement of private sector participation

- **2022 Electricity Law** reduced barriers to energy investment
- Complemented by **PPP Law, procurement rules, and other regulations** to support partnerships and de-risk projects
- **IPPs added ~500MW** from gas, solar, wind, and hydro since 2014



## Enhancement of financial viability of utilities

- Historically, tariffs were too low to cover supply costs
- Revisions in 2018–2019, effective 2022, **aligned tariffs with the Electricity Law**
- **Tariff approaches cost levels** in order to enable reasonable returns
- **ARENE oversees tariff structures** under concession contracts

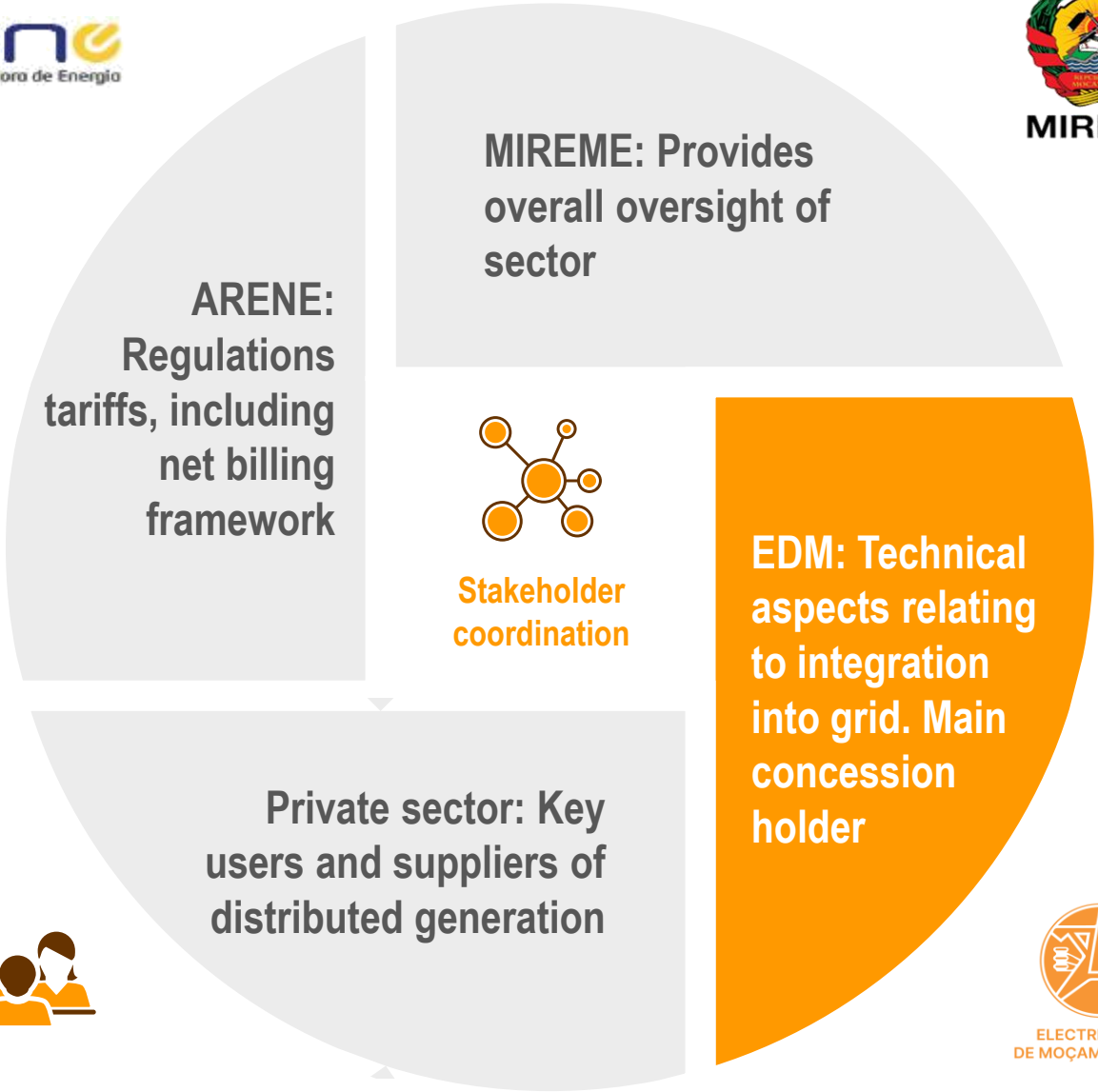


# EDM plays a important role in Mozambique's Energy Sector Framework





# EDM's approach to coordinating with stakeholders



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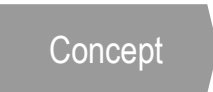











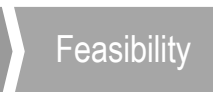




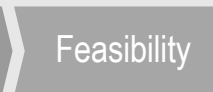

Showcase projects, highlighting the technical details, investment requirements and the contribution to the broader strategic & developmental goals of the country

# Deep-dive | EDM uses standardised lifecycle stages to consistently track the maturity of the projects in the pipeline









Execution step	Description
Concept	Identify the network need or opportunity and define the high-level solution aligned with EDM's electrification and reliability goals
Feasibility	Test whether the project is technically viable, economically justified, and socially/environmentally acceptable for EDM
Technical evaluation	Develop and validate detailed technical designs, standards compliance, and cost estimates
Tender process	Procure contractors, equipment, or services through competitive and compliant bidding
Commercial Discussion	Finalize contractual terms, pricing, risk allocation, and responsibilities with selected parties
Financial agreement	Secure funding, approvals, and financial agreements to enable project execution
Construction	Build, install, test, and commission the infrastructure into EDM's operational network



# Key Generation Projects | Projects Prioritised to Diversify Energy Mix

Projects	Current stage	Cost (MUSD)
 Tsate Hydro, 50 MW 	   	239
 Mavuzi II Hydro, 18MW 	   	102
 Mugeba Hydro, 150MW	   	625
 Alto Malema Hydro, 60MW	   	400
 Lurio II Hydro, 120MW	   	530

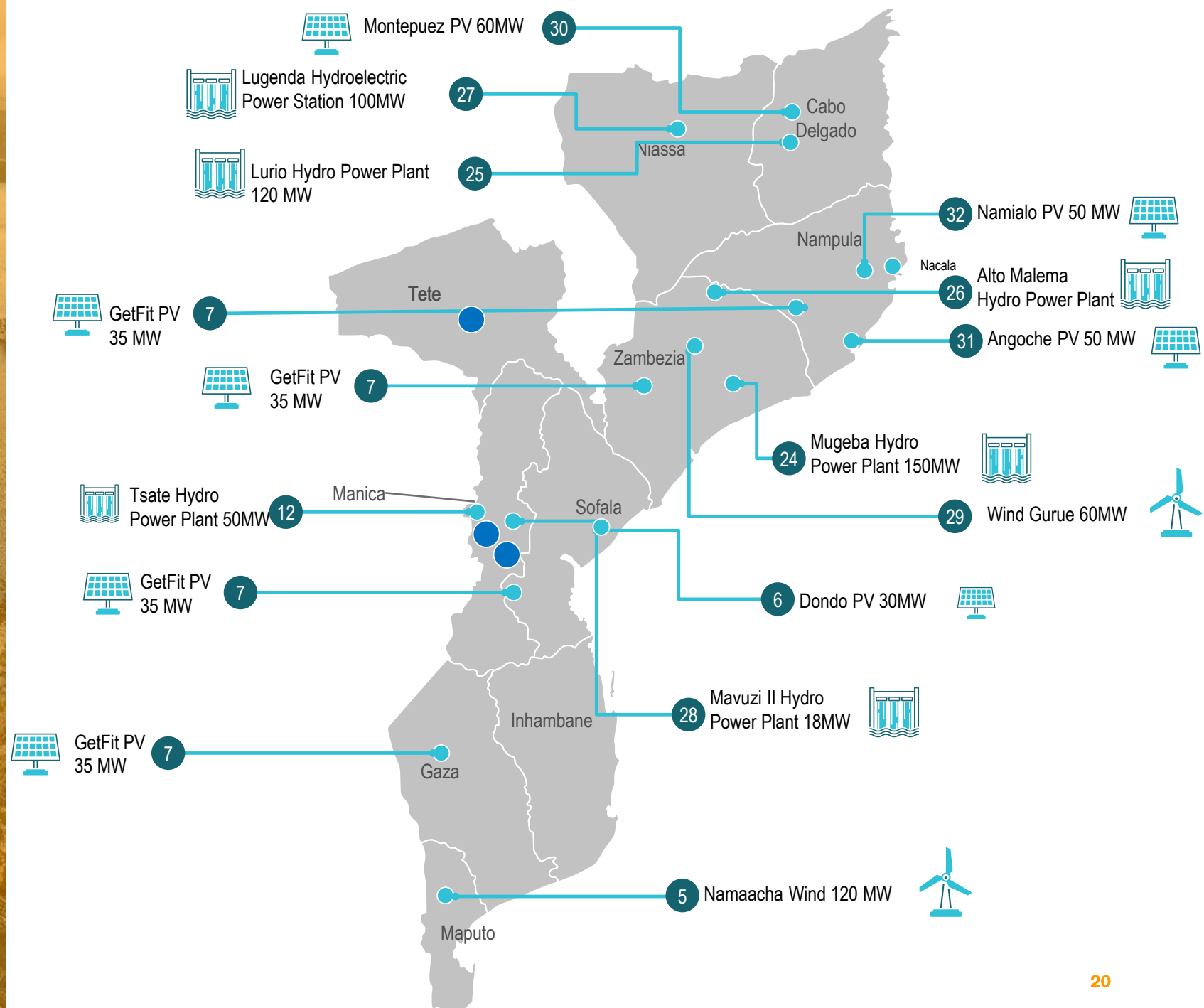
# Key Generation Projects | Projects Prioritised to Diversify Energy Mix

Projects	Current stage	Cost (MUSD)
 Wind Gurué 60 MW		N/A
 Montepuez PV 60MW		N/A
 Angoche PV 50 MW		N/A
 Namialo PV 50 MW		N/A















# Priority Project Scope | Generation Projects (Hydro, Gas, Solar, Wind) Planned Across the Country

- Planned generation plants from current prioritized pipeline
- Existing hydro generation plants
- Existing solar generation plants








- Hydro
- Solar
- Wind
- Gas



# Key transmission projects | Projects prioritised to increase energy access

Projects	Current stage	Cost (MUSD)
  Vilanculos - Inchope – Matambo 400kV Tx Line (GECP II)		650
  Alto Molocue – Namialo – Nacala 400kV Transmission Line		420
  Namialo – Metoro 400kV Transmission Line		295.9
 Metoro – Palma 400kV Transmission Line		180
  Chimuara - Inhaminga - Inchope/Dondo 400kV Tx Line		197.5

# Key transmission projects | Projects prioritised to increase energy access

Projects	Current stage				Cost (MUSD)
 Dondo - Manga - Munhava 220kV Transmission Project	Concept	Commercial	Feasibility	Financial	88
  Metro - Montepuez - Marrupa 220kV Transmission Line	Concept	Commercial	Feasibility	Financial	80
  Mozambique – Zambia 400kV Transmission Line	Concept	Commercial	Feasibility	Financial	412
 Mozambique – Zimbabwe 400kV Transmission Line	Concept	Commercial	Feasibility	Financial	280
 Mozambique – Tanzania 400kV Transmission Line	Concept	Commercial	Feasibility	Financial	320

# Key transmission projects | Green Energy Corridor: A North-South Backbone

## "Do Rovuma ao Maputo"

The Government's vision: Connect Mozambique North to South through an integrated 400 kV transmission backbone

Part A	Part B	Part C	Part D
Songo – Matambo 400 kV line — under development	Maputo – Pambara, ~560 km 400 kV — energized Dec 2024	Pambara – Inchope – Matambo, ~738 km 400 kV	Chimuara – Nacala Northern corridor extension
IN DEVELOPMENT	COMPLETE	PRIORITY	PLANNED

### Part C in Detail






**Segment 1: Pambara – Inchope** ~\$200M | Connects Southern demand to Central system, improves reliability and supports power trade with Zimbabwe.

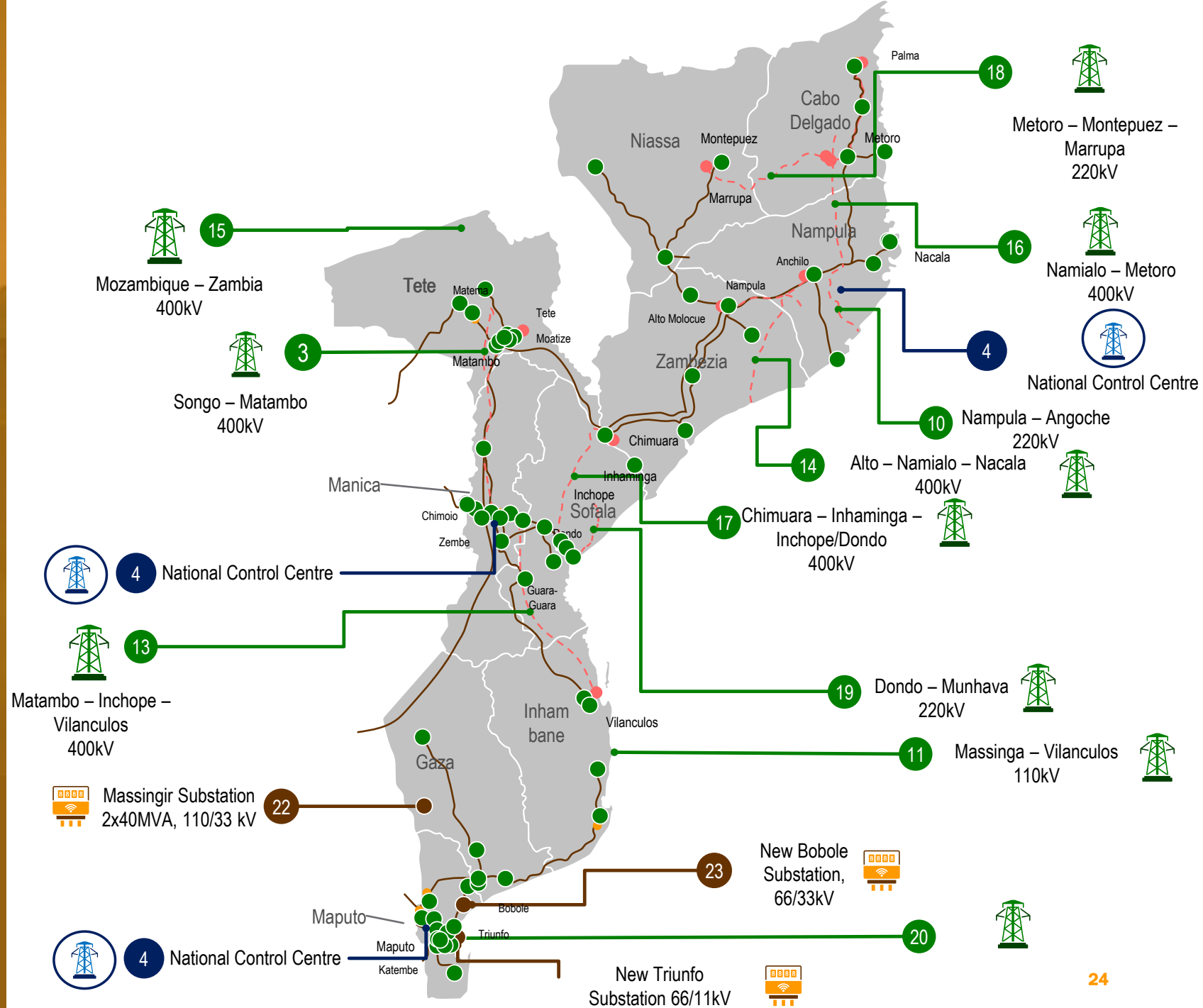
**Segment 2: Inchope – Matambo** ~\$320M | Critical for evacuating Cahora Bassa generation and future Zambezi hydropower (Mphanda Nkuwa 1,500 MW, Boroma 200 MW, Lupata 650 MW). Anchors industrial demand in Tete Province.

Total Part C Investment: **\$520M**



# Priority Project Scope | Transmission and Substation Projects Planned Across the Country

-  Existing transmission line
-  Planned transmission line from current prioritized pipeline
-  Existing substation
-  Transmission line
-  Substation



# EDM is actively strengthening financial stability and investor readiness within Mozambique's macroeconomic context



## Securing commercial and financial viability

- Long-term PPAs
- Credit enhancement mechanisms
- FX risk mitigation with central bank support
- Market reforms via GoM and ARENE (e.g., engagement of cost reflective tariffs)



## Accelerating system and market readiness






- Upgrading grid infrastructure
- Mapping anchor demand
- Streamlining regulatory approvals



## Building local delivery capacity

- Training skilled Mozambican engineers
- Improving land clearance and permitting processes in collaboration with Government of Mozambique and MIREME

# Engagement with a large array of funding partners and explore various financing mechanisms to create mutually beneficially investments

	 Grants/subsidies	 Guarantees	 Bonds/private placement	 Equity	 Concessional loans	 Junior/mezzanine debt	 Loans/project finance
Development Finance Institutions (DFIs)	✓	✓		✓	✓	✓	
Climate funds/ Special funds	✓	✓		✓	✓	✓	
Export credit agencies		✓			✓		✓
Banks			✓			✓	✓
Debt funds			✓			✓	
Private equity				✓			
Infrastructure funds & Asset owners			✓	✓			✓
Corporates				✓			
Foundation	✓			✓			

Financing sources : Public Private





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# Thank You!

MOZAMBIQUE'S JUST ENERGY TRANSITION  
REPRESENTS AN AMBITIOUS VISION TO  
TRANSFORM AND EXPAND THE COUNTRY'S  
ENERGY SECTOR.

11 - 12 JUNE 2026



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