

GET.transform Workstream On-Grid Regulation & Market Development

15 January 2024

GET.transform is supported by





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GET.transform is an internationally recognised **global hub of expertise** that supports **power system transformation**.

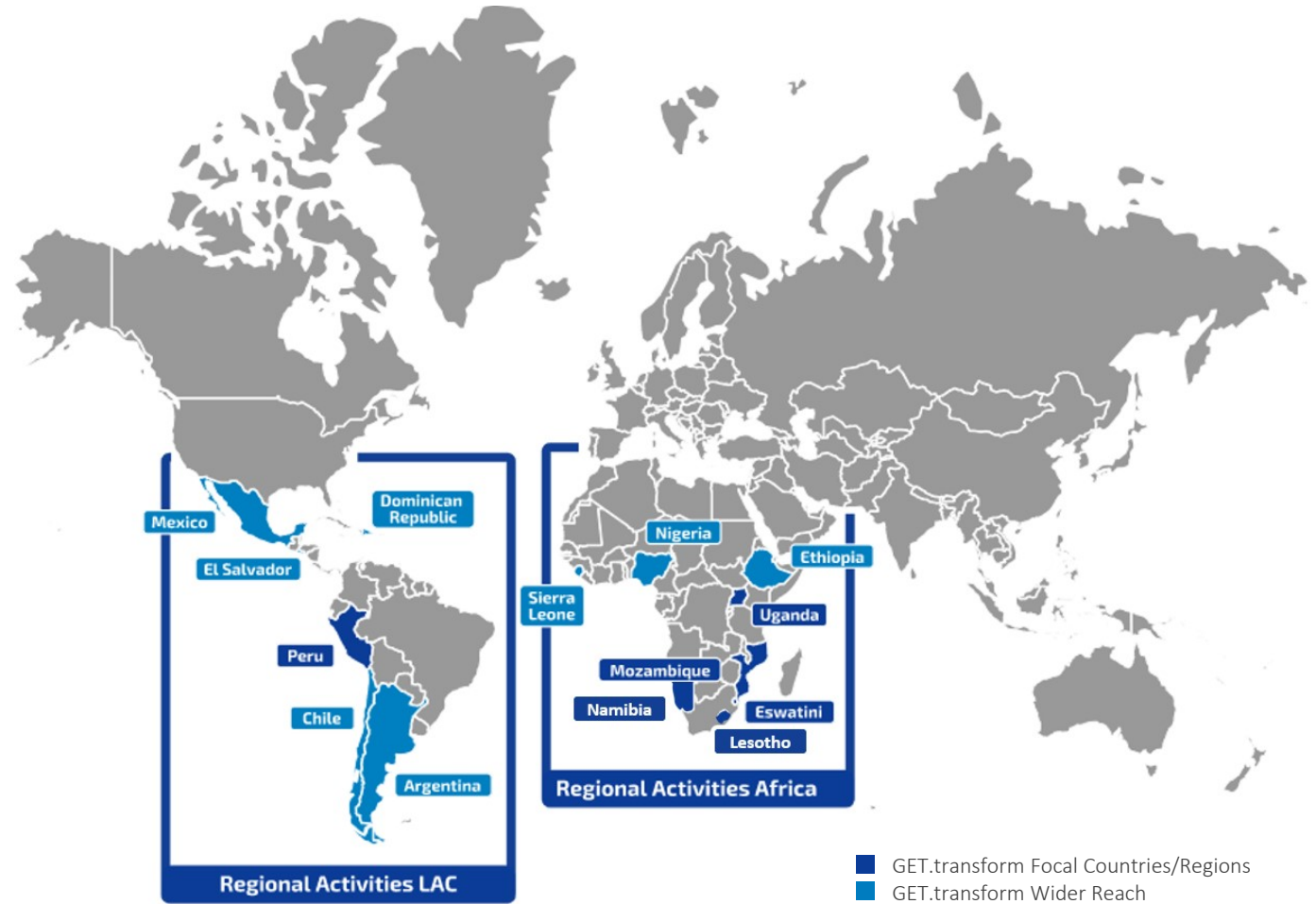
We **contribute** to international energy and climate targets by assisting **developing and emerging countries worldwide** in advancing their **energy sector transformations**.

We support **energy ministries, regulatory agencies, utilities and other governmental energy stakeholders**, to enhance energy sector governance, planning and regulation for a low emission power system transition.



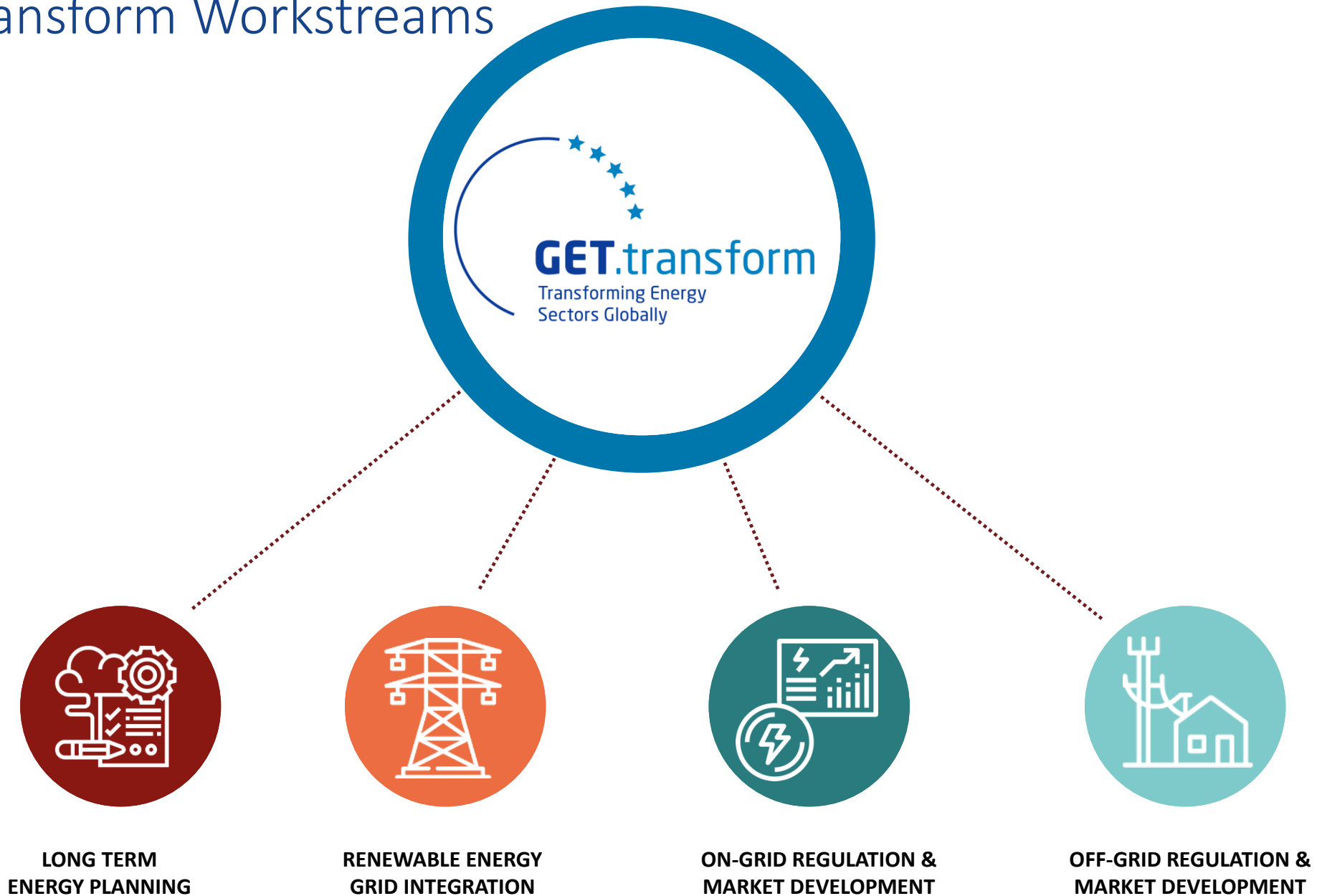
What is GET.transform?

- Technical assistance (TA) and capacity building for the **public sector** to establish conducive policy and investment frameworks for the transition of the energy sector
- Hub of expertise with > 50 renowned (inter)national energy experts
- Implementation through **regional** and **country windows** with expert staff on the ground incl. secondments
- **Scaling across countries** through collaboration with regional institutions and other TA initiatives



get-transform.eu

GET.transform Workstreams



GET.transform Workstreams



LONG TERM ENERGY PLANNING

Developing [integrated energy and power system investment plans](#), outlining development paths for energy sector transformation



RENEWABLE ENERGY GRID INTEGRATION

Updating of [technical power system planning and operational procedures](#) that enable the operation of renewable energy dominated power systems



ON-GRID REGULATION & MARKET DEVELOPMENT

Supporting [institutional reforms](#) that allow for new market actors and renewable energy participation: market model design, non-discriminatory grid access, cost-reflective services
Design and management of [solicited auctions](#) as well as [market-driven mechanisms](#) for procuring on-grid energy



OFF-GRID REGULATION & MARKET DEVELOPMENT

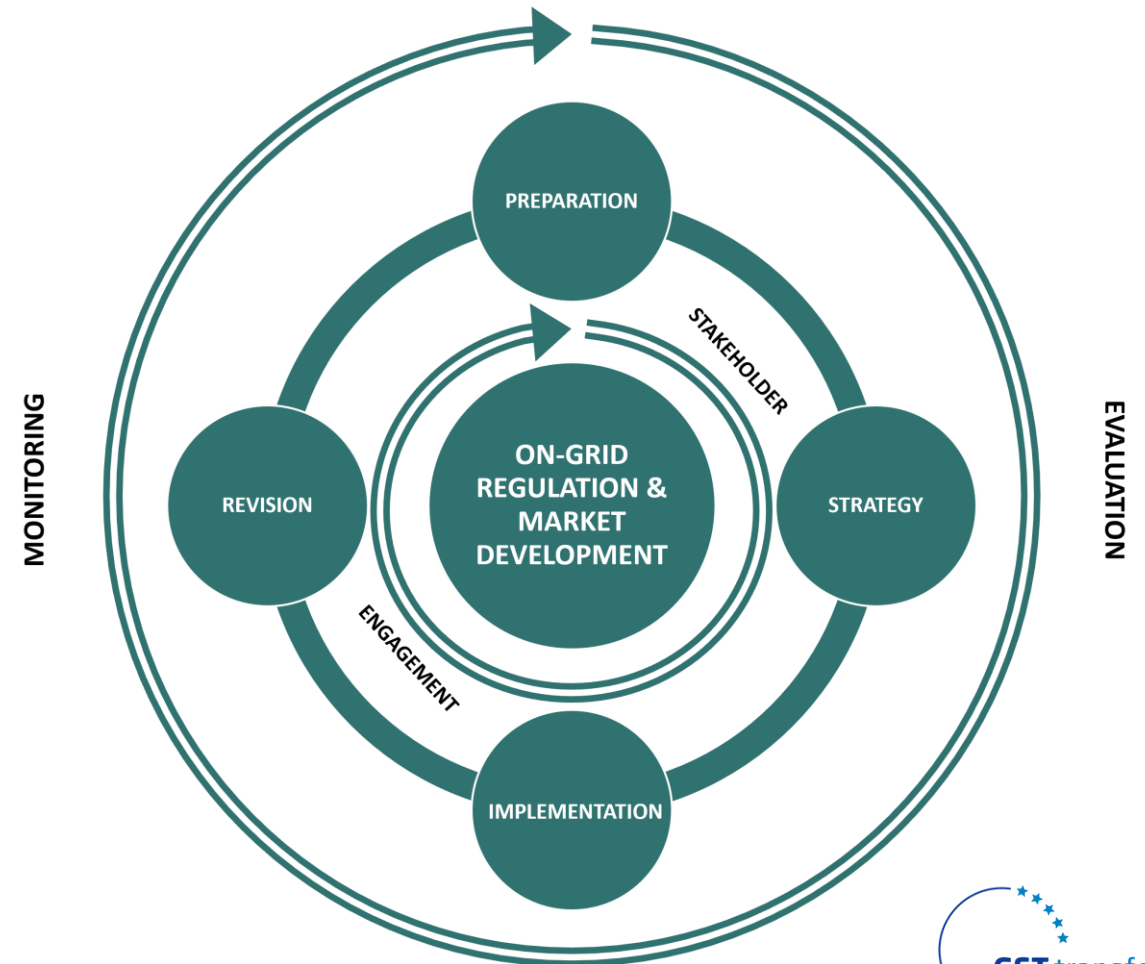
Developing [electrification pathways](#) building on socio-economic development and productive-use policies
Design and management of [award mechanisms](#) for procuring off-grid energy

On-Grid Regulation and Market Development

The development of regulation and market design helps set up a path for a just energy sector transition:

- Empowers public sector and regulatory bodies
- Creates an equilibrium between stakeholders and market participants
- Aligns climate change, environmental, social and economical goals
- Improves power market bankability
- Stimulates investments in clean energy
- Supports building up cross-border energy partnerships (e.g., via Power Pools)
- Promotes regional and local policy harmonisation

A full range of advisory services considering the following framework:



On-Grid Regulation & Market Development Projects

LAC REGIONAL

Strengthening capacities and support to develop and reform power markets.

PERU

Supporting Ministries and Regulators in developing their renewable energy market.

NAMIBIA

Power Market access support for the SAPP region.

Developing normative policies and regulations for effective and balanced sector governance.

AFRICA REGIONAL

Supporting knowledge products for African Power Pools and the African Single Electricity Market.

Capacity building and regulatory support for renewable energy competitive procurement.

ESWATINI

MOZAMBIQUE

LESOTHO

UGANDA

Supporting clean energy through an enhanced on-grid regulatory framework.

Your Outset for On-Grid Regulation & Market Development



What is the starting point?

- What is the desired **power system transformation**?
- What are the power **market mechanisms** to be developed?
- What are the **energy stakeholders'** views and electricity system **requirements**?



What is the goal?

- **To strengthen** on-grid power sector frameworks that create opportunities and access for renewable energy markets

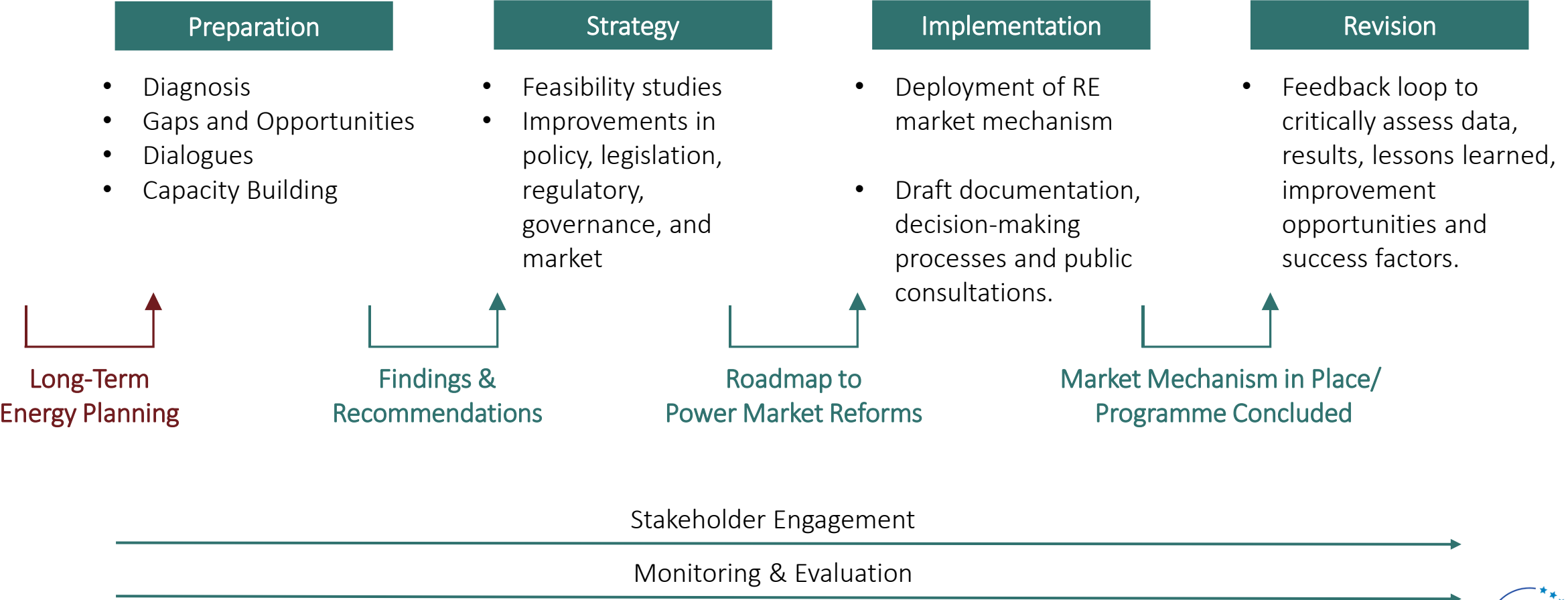


How to get there?

- **By improving:**
 - Policy & Legal Framework
 - Governance Structure
 - Regulation
 - Human Capacities
 - Market Mechanisms
 - Bankability
 - Investment Opportunities

Our Approach

Technical Assistance across On-Grid Regulation and Market Development



Building an Attractive Power Market Environment

Technical Assistance across On-Grid Regulation and Market Development

Power Market Design

A **well-designed** power market and regulatory framework:

- **Promotes balance between market participants** through the exchange of energy and electricity services at cost-reflective prices.
- **Paves the way for efficient market-driven mechanisms**, improving access to market opportunities and long-term investments.



Renewable Energy
Competitive Procurement



Renewable Energy
Distributed Generation



Energy System
Services

- Power Market Reform
- Cost reflective tariffs for electricity, transmission and distribution services
- Participation of Independent Power Producers (IPPs)
- Power Trading
- Distributed Energy Resources

The Market Mechanisms to Scale Renewable Energy Adoption

Technical Assistance across On-Grid Regulation and Market Development



Renewable Energy Competitive Procurement

- Develop regulatory frameworks
- Implement risk mitigation features
- Support the execution of competitive renewable energy procurement



Renewable Energy Distributed Generation

- Analyse business models:
 - Feed-in tariffs, Net-metering
 - Prosumers, Others
- Consider policy, legal, governance, technical, economic and social dimensions
- Support implementation and monitoring of DG programmes



Energy System Services

- Foster secure energy system and balanced power markets
- Incentivise commercial relationships
- Strategic and technical support for decision-making and reforms
- Introduce tariff design and policies for energy services.

Our Advisory Services



Technical Assistance

Market Design Implementation

Key Partners

On-Grid Regulation and Market Development

Knowledge Products (benchmarking, studies, recommendations, documentation drafts)

Data Assessment (defining, collecting, monitoring and evaluation)

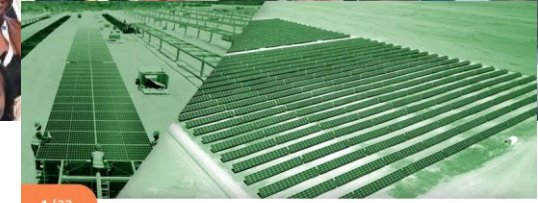
Stakeholder Engagement (consultation processes)

Capacity Building (training, peer to peer learning)

Power Sector Strategy	Governance	Market Mechanisms
Needs Assessment	Regional and National Policies	Renewable Energy Competitive Procurement
Energy Transformation Ecosystem	Legal & Regulatory Framework	Distributed Generation
Power Sector Reform	Institutional Reforms	Power Trading / Access to Power Pool
On-Grid Expansion and Roadmaps	Gender Mainstreaming	Energy System Services & Tariffs

Energy Ministry, Regulators, Agencies, Power Pools, Utilities, Network Operators

Boosting Power Trading in Namibia



1/23

SAPP and MSB Market Access Guide



DOWNLOAD

OBJECTIVE

- Unlock and promote access to Namibia's Modified Single Buyer (MSB) and the regional Southern African Power Pool (SAPP) markets

CHALLENGES

- After the launch of the MSB market in 2019, a lack of access to structured information on how to become a MSB or SAPP market member kept the number of new entrants low.
- There was a need for greater alignment among the national and regional partners to provide the private sector with clear guidance.

OUR SUPPORT

- In partnership with Namibia's Electricity Control Board, the utility NamPower and the SAPP, GET.transform revised and consolidated vital information to support Independent Power Producers (IPPs) in accessing the national and regional power market.

RESULTS & SCALING UP

- A jointly issued Guide allows easy navigation of the key market rules and roles and was successfully launched at a two-day conference in Windhoek in August 2023.
- The Guide will be regularly updated and serves as a potential reference for future editions of other SAPP member countries.
- Lessons from the enhanced power trading will also help to inform Africa's Single Electricity Market.

What GET.transform Offers

- Trusted **international** and **regional partner** institutions
- Combination of **technical** expertise, **cultural** awareness, **local** knowledge
- **Relations** to public entities internationally, allowing for facilitation of experience exchange
- Long-term staff **on the ground**, close relationships to partners
- In consequence, **in-depth knowledge** on political situation, context, challenges, cooperation between public bodies
- Expertise in **organisational development**
- Partner-centred process with strong ownership, ensuring **sustainability** of the support



Partnerships and Policy Experts

REGIONAL



INTERNATIONAL



TRANSFORMATION EXPERTS



Thank You for Your Attention

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