



GET.transform Workstreams

An Overview

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GET.transform Workstreams & Services



LONG TERM
ENERGY PLANNING



RENEWABLE ENERGY
GRID INTEGRATION



ON-GRID REGULATION &
MARKET DEVELOPMENT



OFF-GRID REGULATION &
MARKET DEVELOPMENT

Overarching

Capacity Building

Technical Assistance

Gender Equality and Inclusion

Work Packages

Governance & Consultation

Grid Codes

Renewable Energy
Competitive Procurement

Electrification
Planning & Siting

Scenarios & Modelling

Transmission System
Planning and Operation

Renewable Energy
Distributed Generation (DG)

Mini-Grid Frameworks

Adoption & Communication

Distribution System
Planning and Operation

Power Market Design

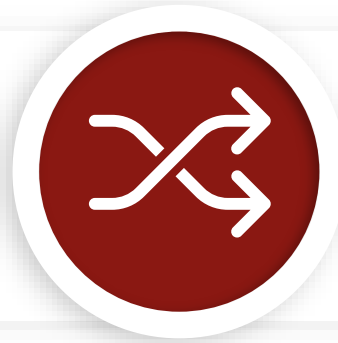
Standalone Systems Frameworks

Long Term Energy Planning: Services



GOVERNANCE & CONSULTATION

- Review and analyse of existing long-term energy planning processes in country
- Strengthen institutional frameworks and participatory planning processes
- Build up long-term energy planning governance structure and capacities



SCENARIOS & MODELLING

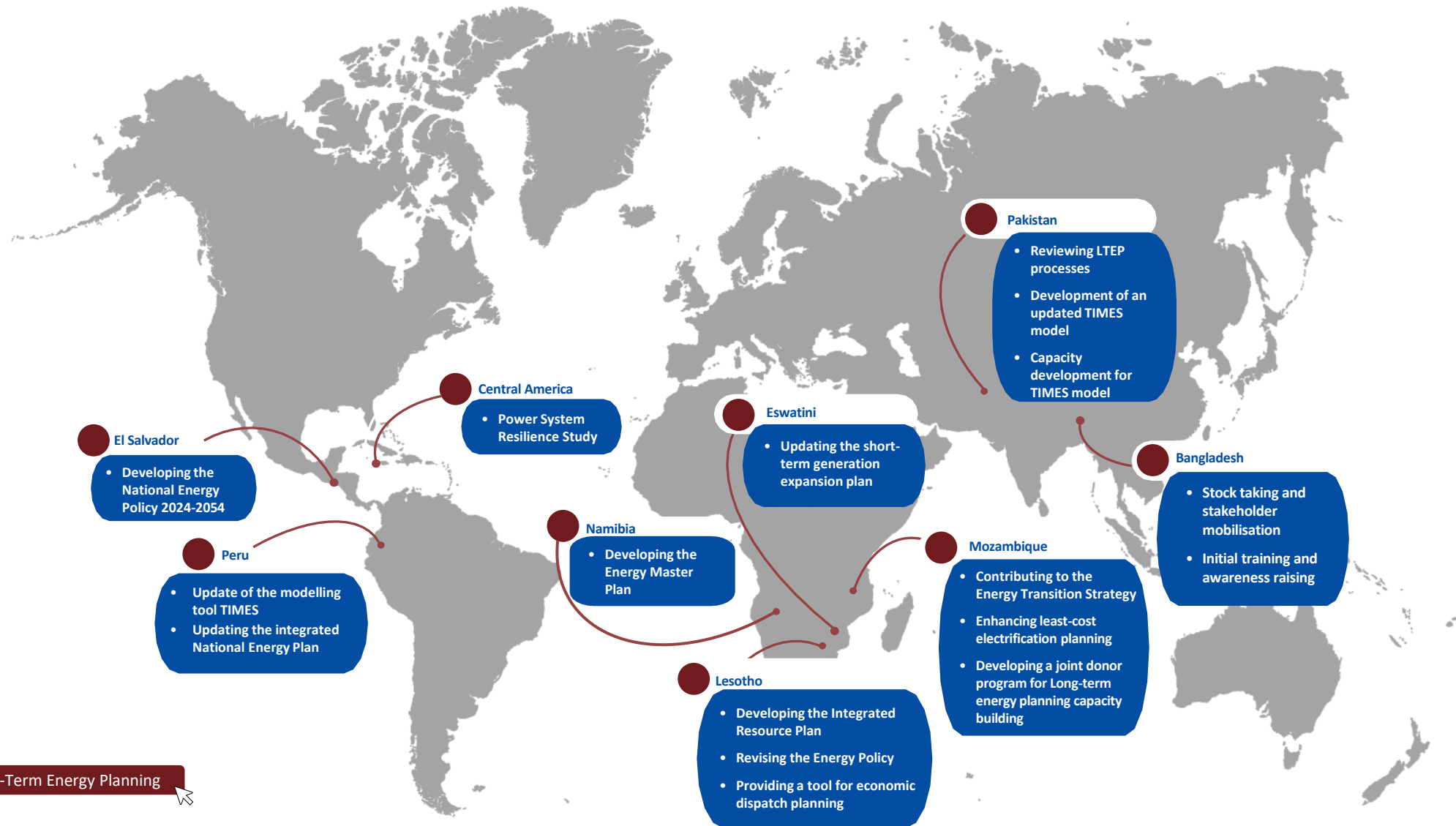
- Develop and operate energy planning model tools e.g. TIMES, PyPSA, etc.
- Create consistent scenarios and perform analytical modelling e.g., Energy Master Plans, Integrated Resource Plans, Generation and Transmission Plans
- Apply data-driven tools and simulations to support decision-making



ADOPTION & COMMUNICATION

- Translate modelling results into actionable policy recommendations
- Communicate complex outcomes effectively to stakeholders
- Link planning outputs to financing and implementation pathways

Long Term Energy Planning: Projects



Long-Term Energy Planning

Renewable Energy Grid Integration: Services



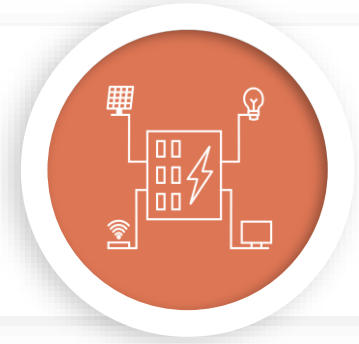
GRID CODES

- Develop, revise, and harmonise national grid codes, e.g. market codes, connection and operation codes etc.
- Ensure compliance, validation, and standardisation of Grid Codes
- Knowledge transfer for TSOs and DSOs



TRANSMISSION SYSTEM PLANNING AND OPERATION

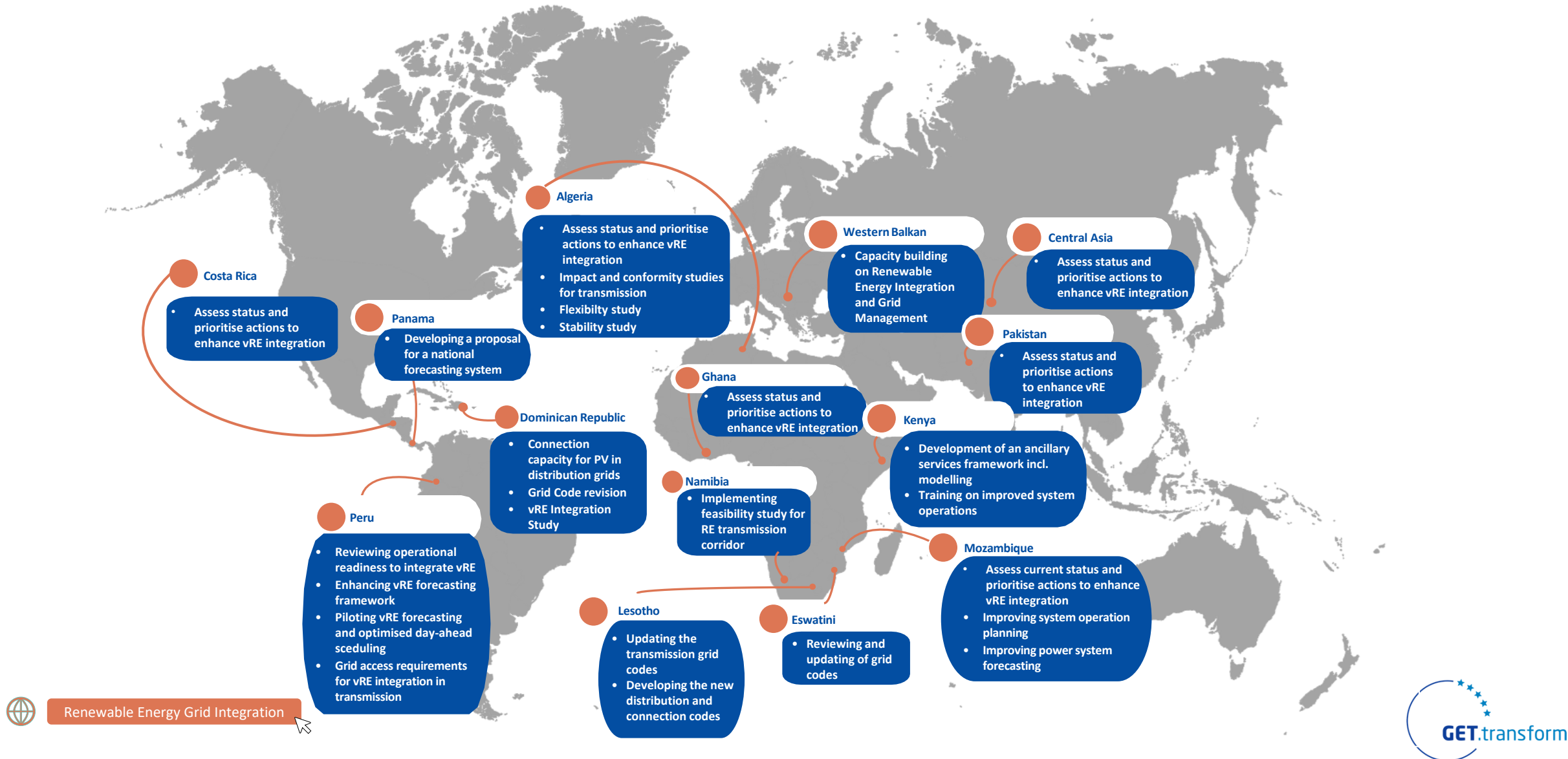
- Conduct grid and generation adequacy studies, stability, and flexibility analyses
- Improve forecasting, operational planning, and creating operational planning manuals and toolboxes
- Strengthen TSO–DSO coordination and system reliability



DISTRIBUTION SYSTEM PLANNING AND OPERATION

- Perform connection and hosting capacity studies, grid impact studies
- Conduct flexibility analyses and develop local solutions for vRE
- Identify options for enhanced automation, vRE monitoring, and digitalisation of distribution grids

Renewable Energy Grid Integration: Projects



On-Grid Regulation & Market Development: Services



RENEWABLE ENERGY COMPETITIVE PROCUREMENT

- Design and implement auction and tendering frameworks, support IPP procurement & PPA negotiations
- Implement integrated RE training programme
- Advise on project feasibility



RENEWABLE ENERGY DISTRIBUTED GENERATION (DG)

- Introduce DG regulations, tariffs, and connection standards
- Support digitalised permitting, smart metering, market participation and impact analysis
- Implement integrated DG training programme

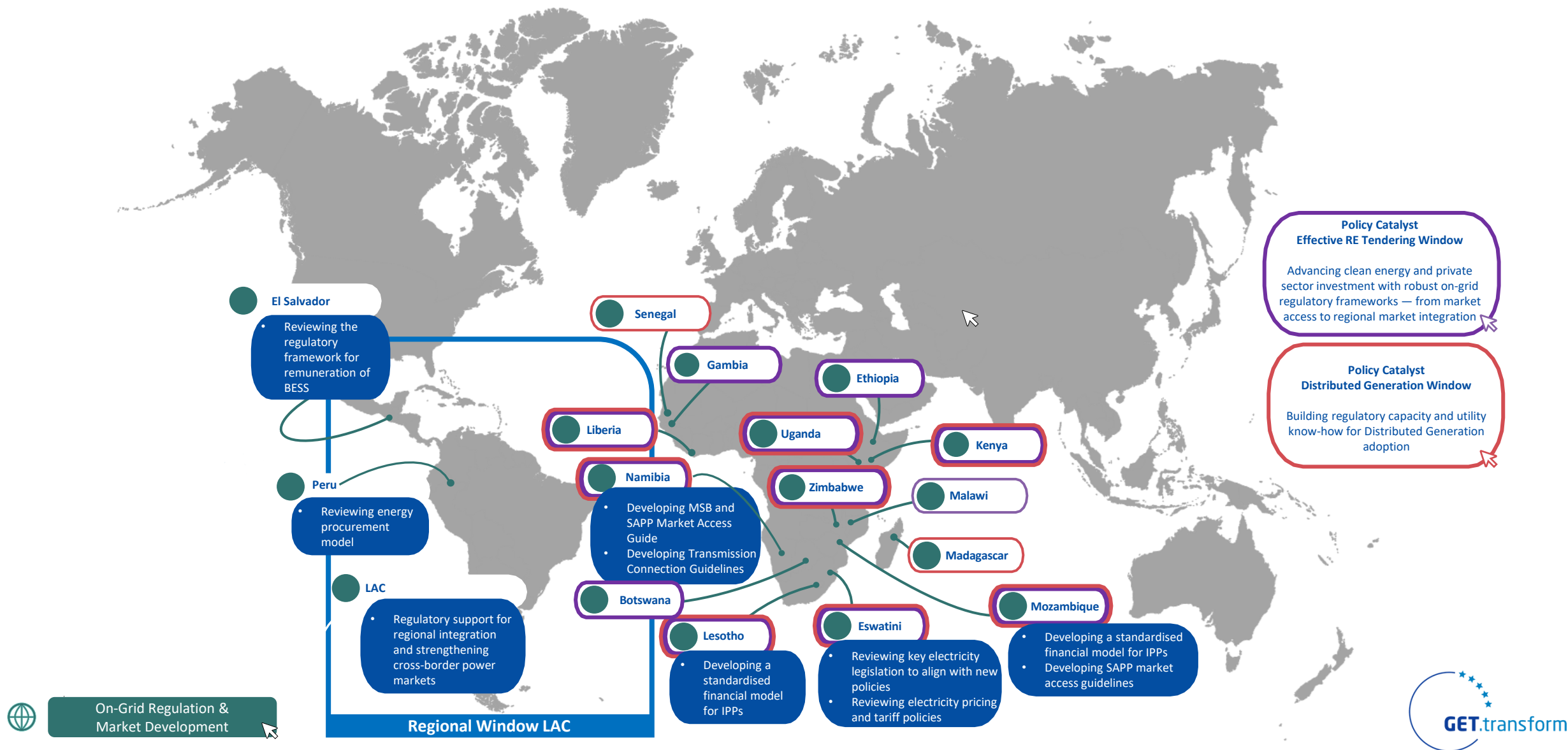


POWER MARKET DESIGN

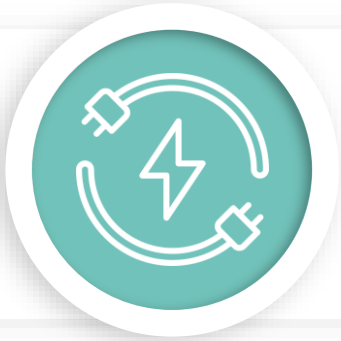
- Advise on market reforms, tariff design, and trading mechanisms & frameworks
- Support regional power market integration and cross-border trade (e.g., regulatory harmonisation)
- Develop power market products and investment incentives for renewables



On-Grid Regulation & Market Development: Projects

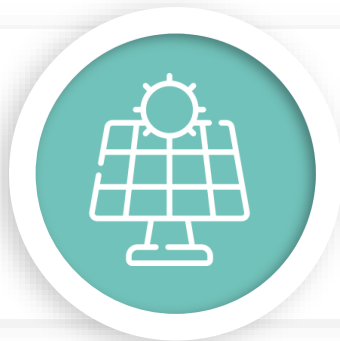


Off-Grid Regulation & Market Development: Services



ELECTRIFICATION PLANNING & SITING

- Support national electrification strategies and policy alignment
- Map and plan mini-grid deployment using real geospatial data
- Mainstreaming productive use of energy (PUE) and gender inclusion



MINI-GRID FRAMEWORKS

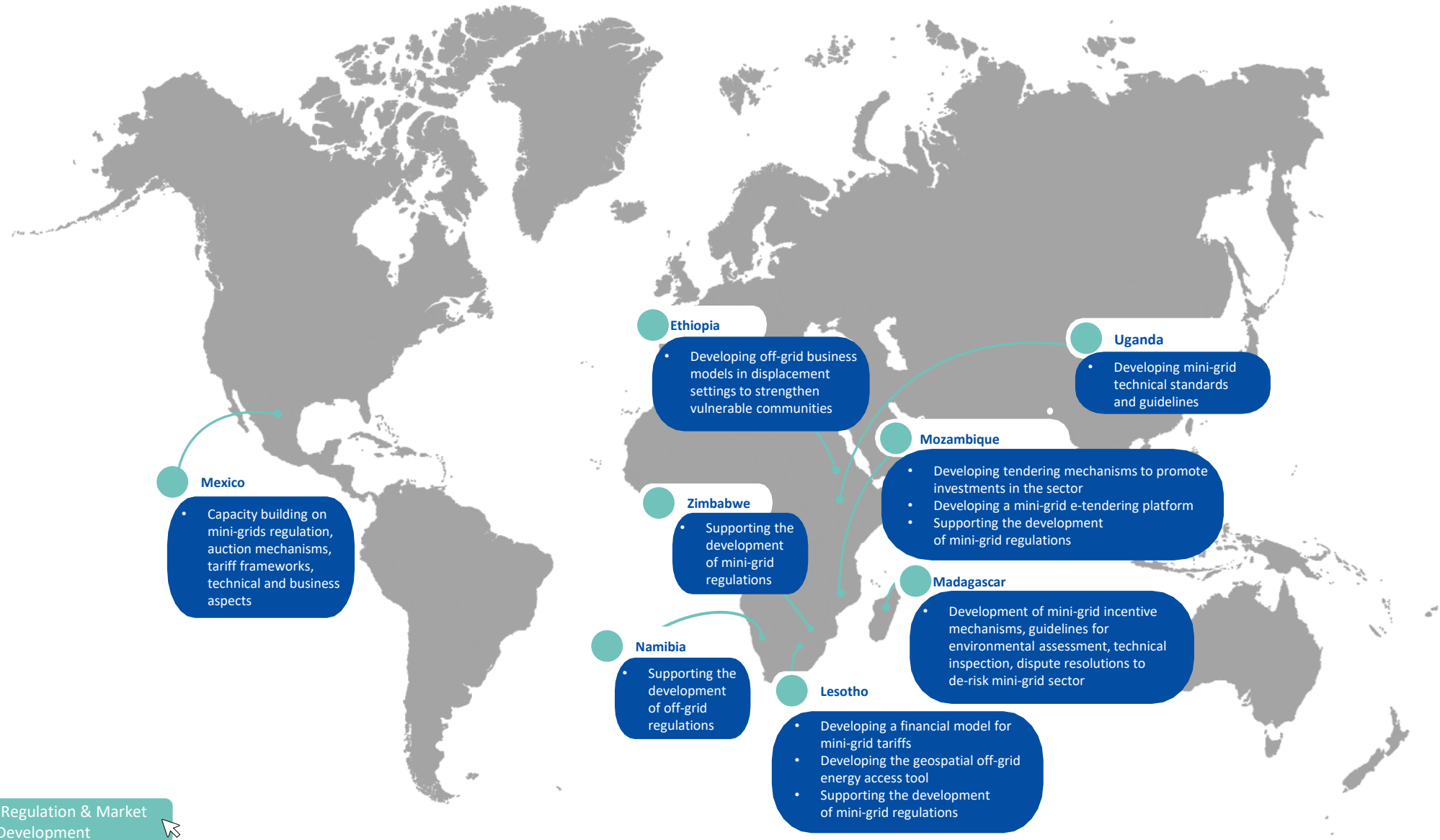
- Regulatory & tariff frameworks, technical guidelines/ tools for mini-grids
- Design and implement procurement and incentive mechanisms
- Integrated training programmes



STANDALONE SYSTEMS FRAMEWORKS

- Develop contractual and operational frameworks
- Technical guidelines and standards

Off-Grid Regulation & Market Development: Projects





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