



GET.transform Workstream

Renewable Energy Grid Integration

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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

Renewable Energy Grid Integration: Services



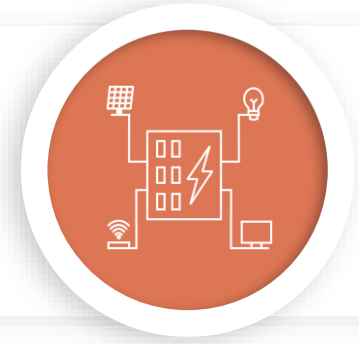
GRID CODES

- 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

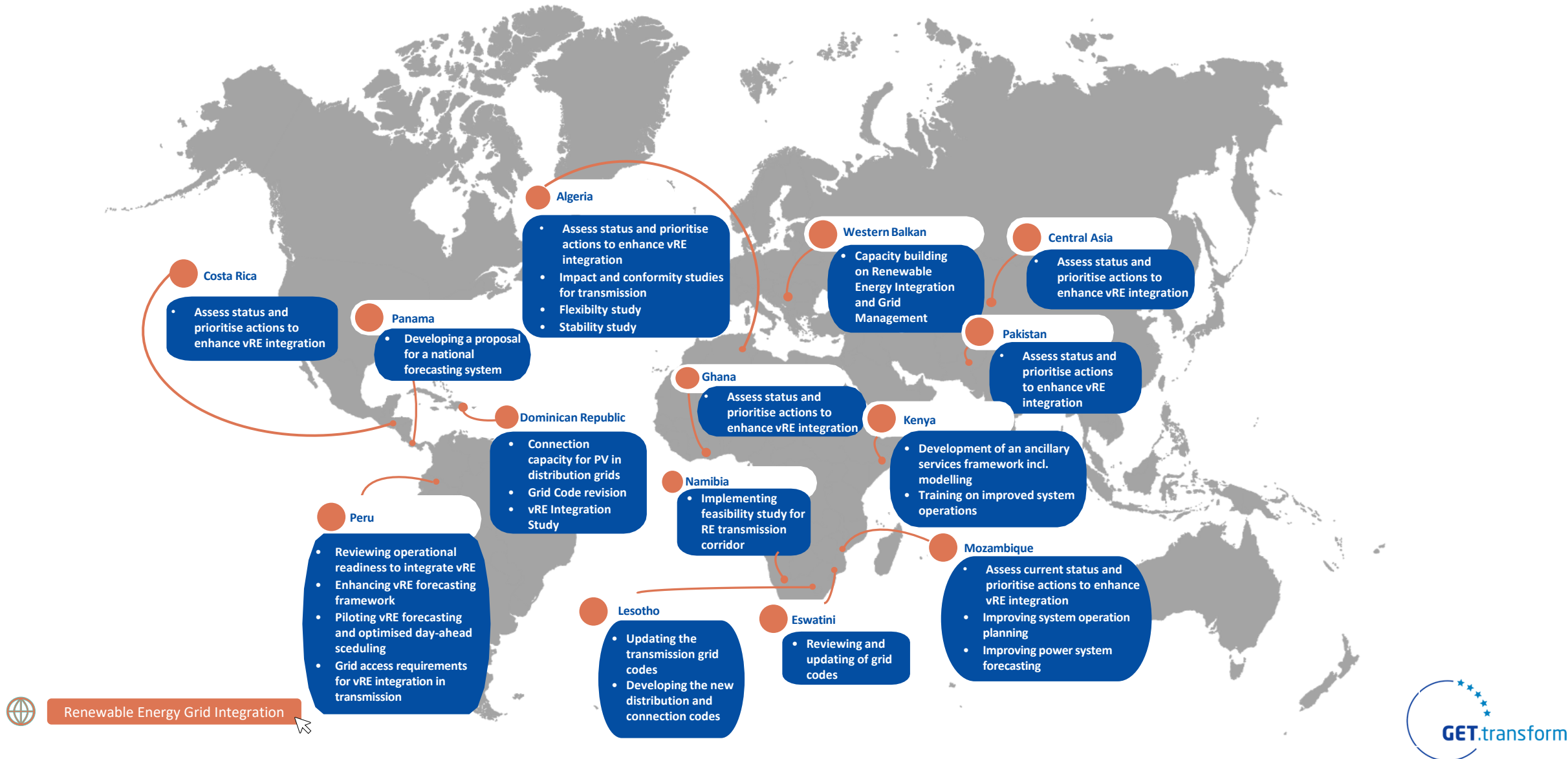
- Conduct grid and generation adequacy studies, stability, and flexibility analyses
- Improve forecasting, operational planning, and creating operational planning manuals and toolboxes
- Strengthen TSO–DSO coordination and system reliability



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





Thank You for Your Attention

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