Distributed Generation Training

22 – 26 June 2026 | Cape Town, South Africa

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Welcome and Introductions

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Welcome Remarks

Ferdi Nell

SENIOR STRATEGY ADVISOR

GET.TRANSFORM

Welcome Remarks

Debbie Roets

EXECUTIVE SECRETARY

AFUR

WELCOME

House Rules

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DG Support Workshop CPT
22-26 June 2026

Grupo do WhatsApp

Distributed Generation Support Program

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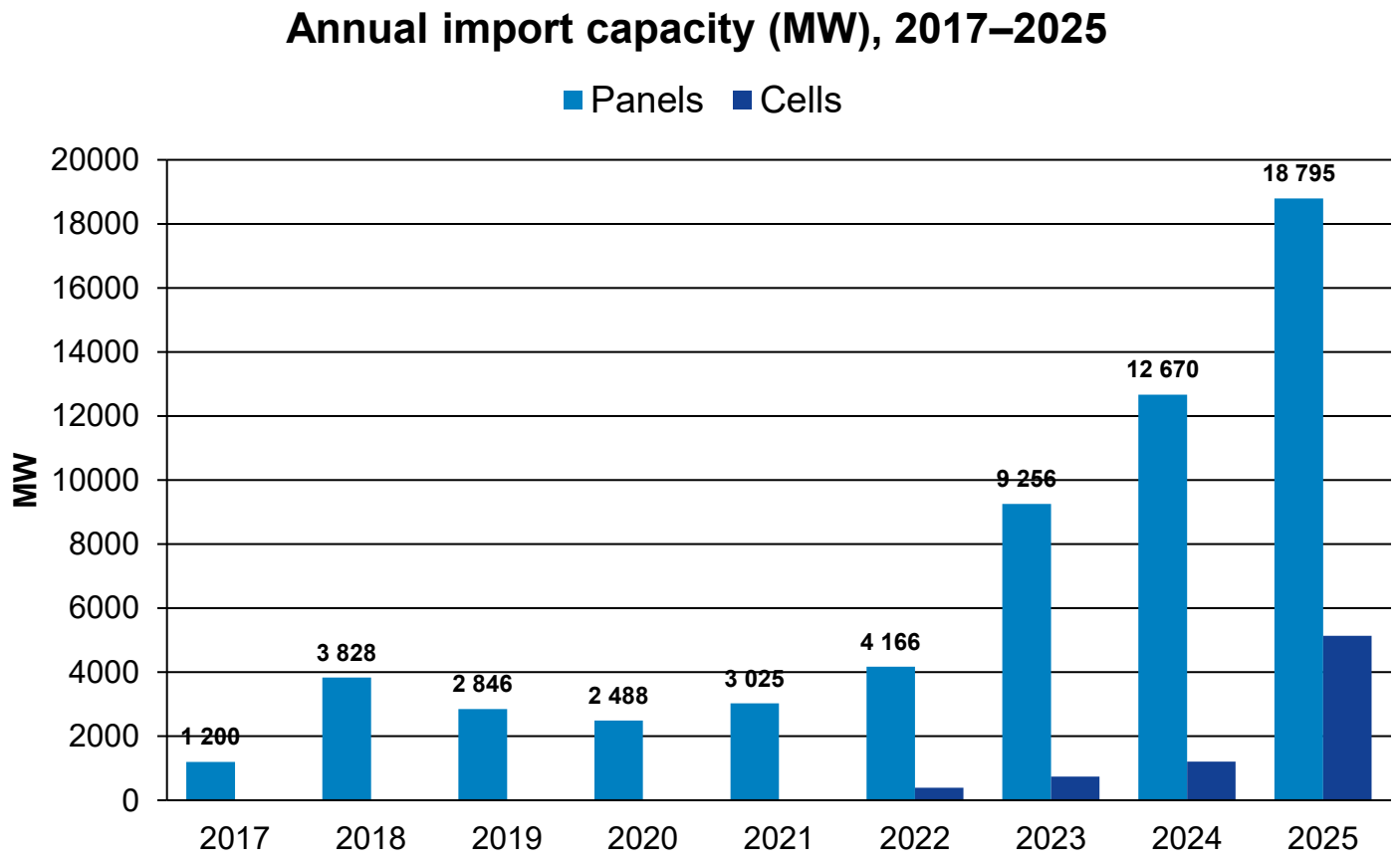
Solar imports into Africa have scaled sharply



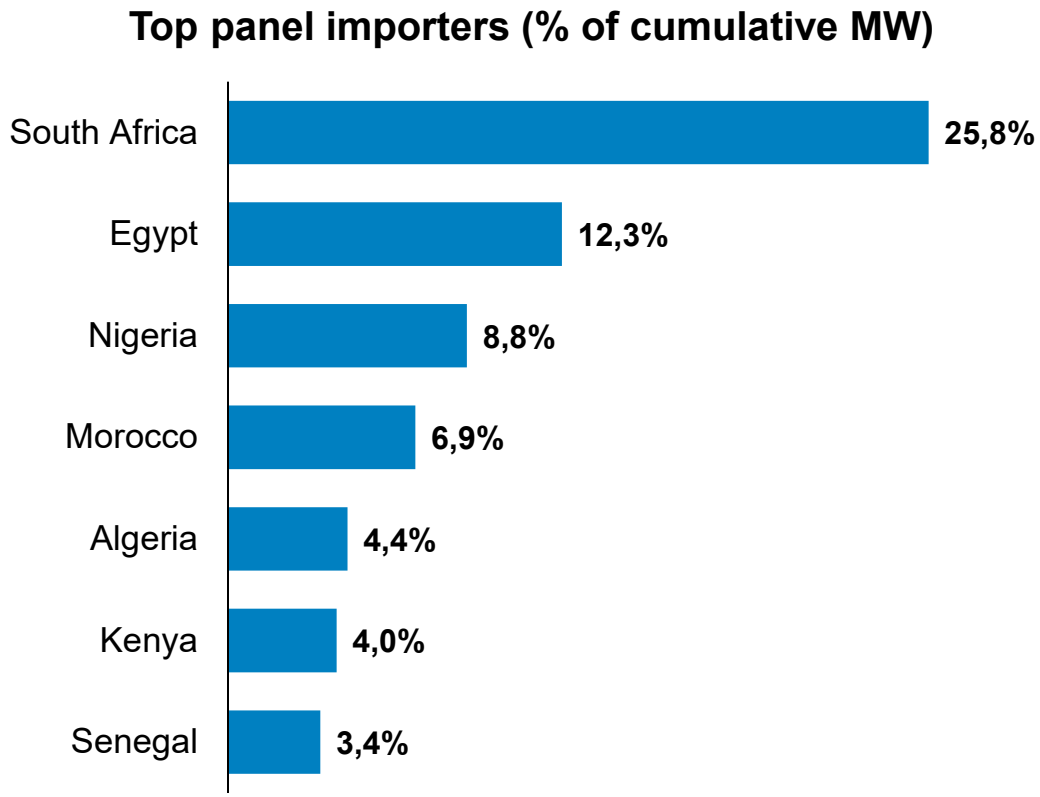
4.5×
Panel imports in 2025 vs 2022

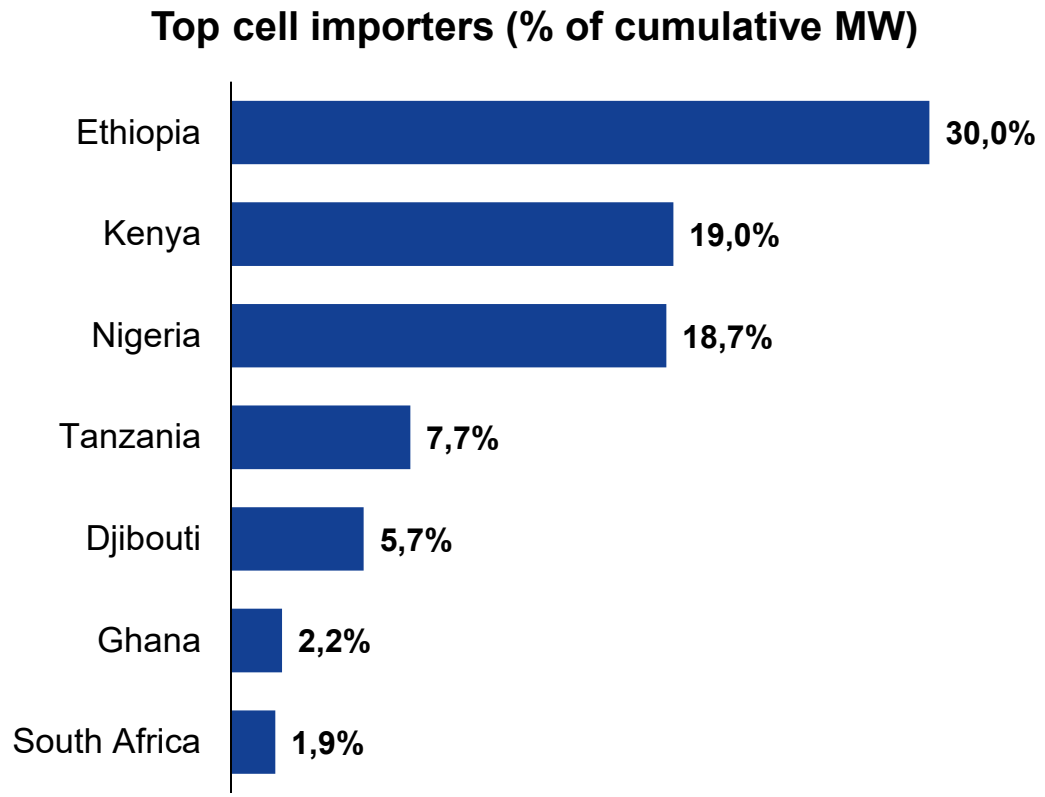
+48%
Year-on-year panel growth in 2025

67 GW
Cumulative panels imported since 2017

Source: Ember. 2026 excluded (partial year

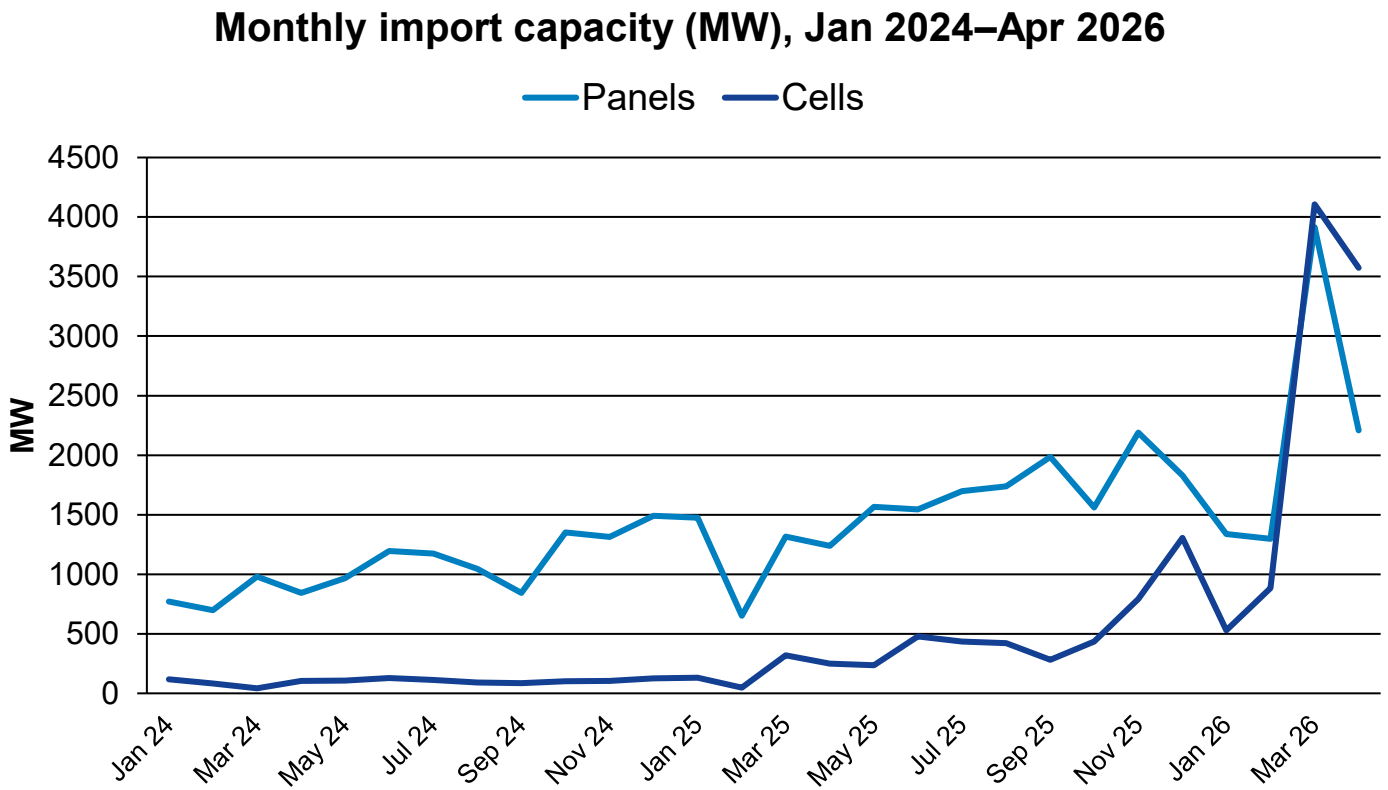
Imports are concentrated in a few markets





Shares of cumulative import capacity (2017–Apr 2026). Panel imports concentrate in South Africa and North Africa; cell imports skew to East & West Africa (Ethiopia, Kenya, Nigeria).

A sharp surge in early 2026



×3

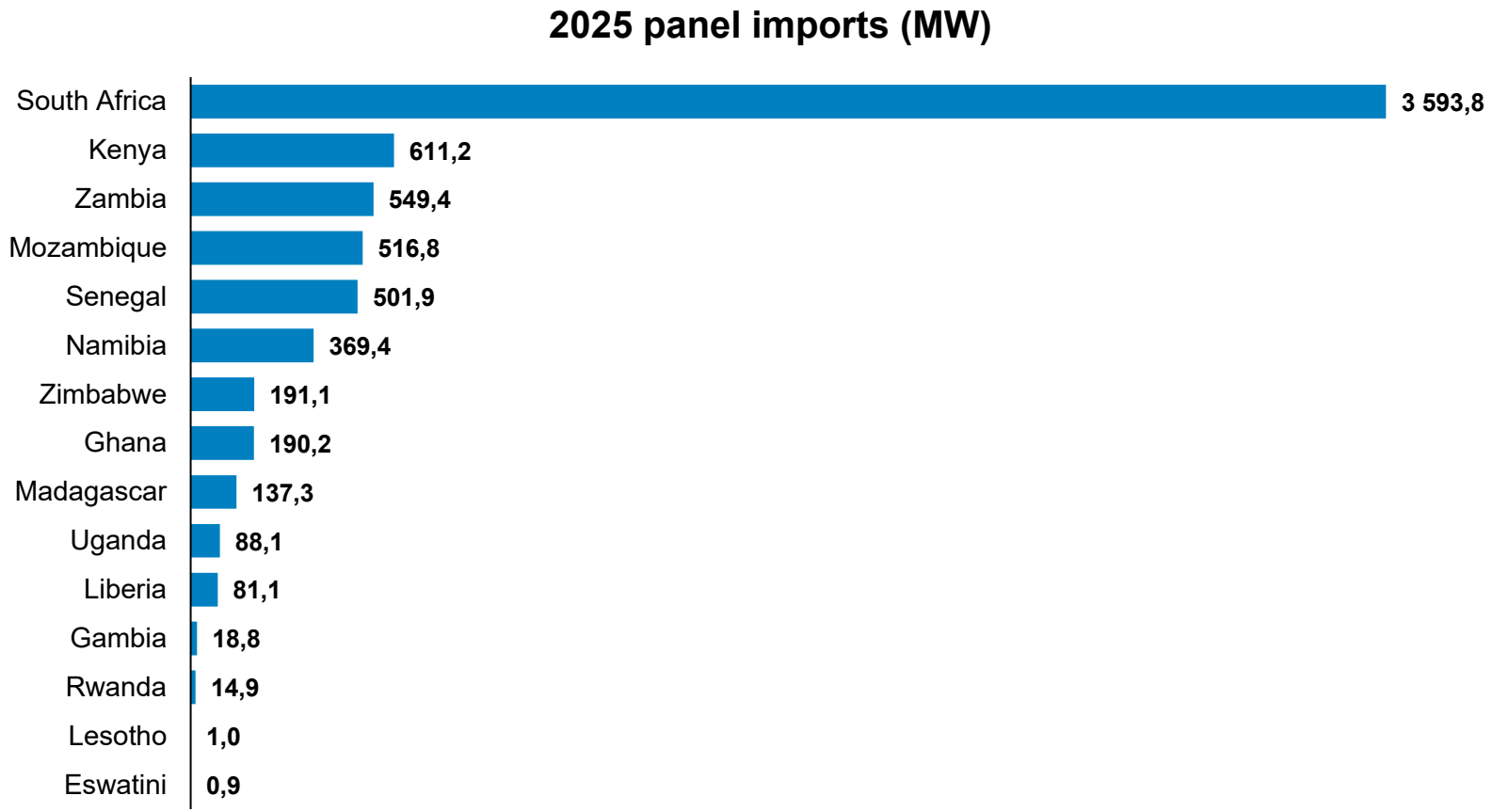
Panels: 1,298 → 3,915 MW, Feb to Mar 2026

×4.6

Cells: 884 → 4,107 MW, Feb to Mar 2026

Source: Ember. 2026 covers Jan–Apr only.

2025 panel imports across your countries



6,866 MW

Combined 2025 panel imports across the 15 countries

52%

South Africa's share of the 15-country total

Source: Ember

How has this organic growth of DG helped your country?

And what where some of the challenges you faced?

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Distributed Generation Support Programme

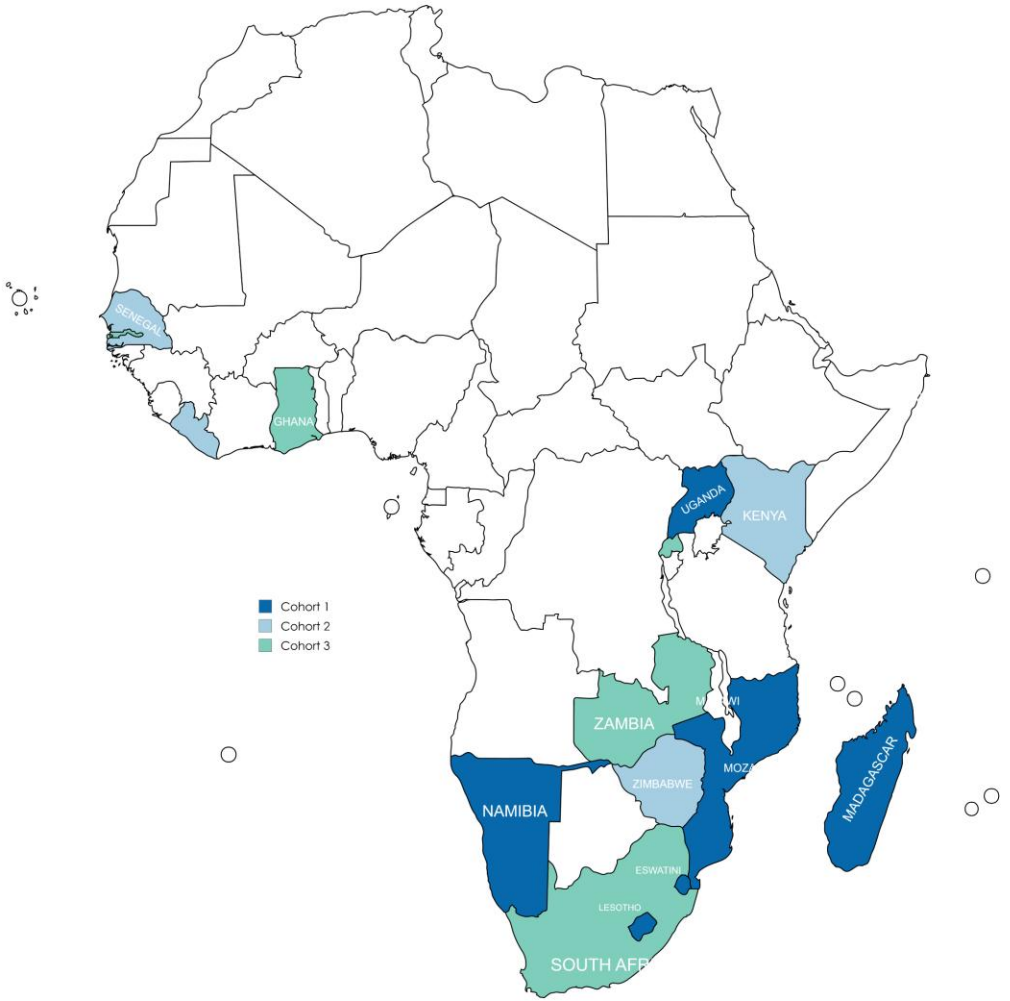
- ❑ Support ministries, regulators and utilities on DG integration
- ❑ October 2023 to November 2028

- ❑ 15 partner countries onboarded:

Cohort 1: Namibia, Uganda, Mozambique, Lesotho, Eswatini, Madagascar

Cohort 2: Senegal, Zimbabwe, Kenya and Liberia

Cohort 3: The Gambia, Rwanda, Zambia, Ghana and South Africa.

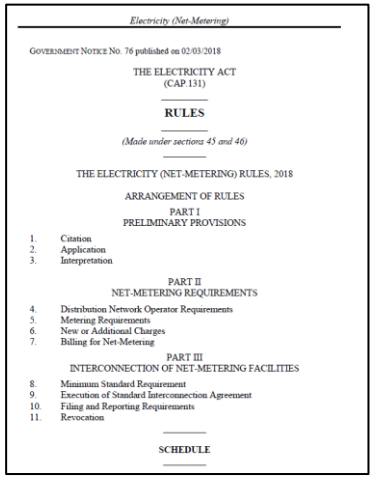


Distributed Generation Technical Support Program

Hi-level Policies:
Electricity Act, Electricity Regulation Act, Policies, Renewable Strategies, Masterplans, IRPs etc

REGULATORY FRAMEWORK

DG Connection and Net Billing Rules



Electricity (Net-Metering)

GOVERNMENT NOTICE No. 76 published on 02/03/2018

THE ELECTRICITY ACT
(CAP.131)

RULES

(Made under sections 45 and 46)

THE ELECTRICITY (NET-METERING) RULES, 2018

ARRANGEMENT OF RULES

PART I
PRELIMINARY PROVISIONS

1. Citation
2. Application
3. Interpretation

PART II
NET-METERING REQUIREMENTS

4. Distribution Network Operator Requirements
5. Metering Requirements
6. New or Additional Charges
7. Billing for Net-Metering

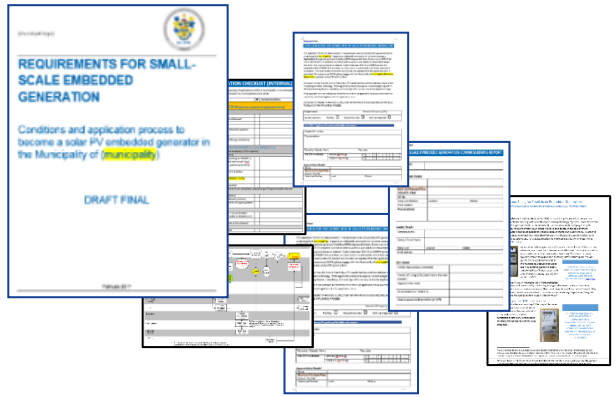
PART III
INTERCONNECTION OF NET-METERING FACILITIES

8. Minimum Standard Requirement
9. Execution of Standard Interconnection Agreement
10. Filing and Reporting Requirements
11. Revocation

SCHEDULE

UTILITY REQUIREMENTS & PROCESS

Utility Requirements document and Permitting process (forms etc)



REQUIREMENTS FOR SMALL-SCALE EMBEDDED GENERATION

Conditions and application process to become a solar PV embedded generator in the Municipality of (municipality)

DRAFT FINAL

Technical DG specifications

Interconnection specification (power quality, safety…)

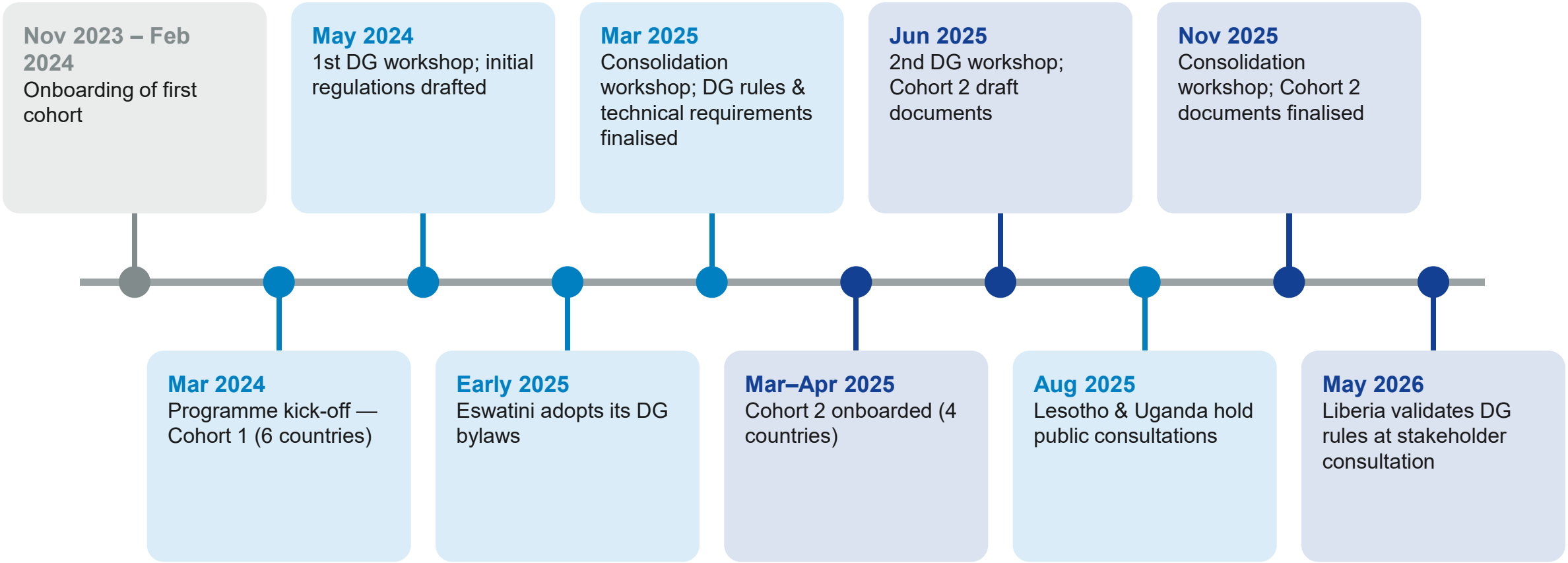
Simplified Connection Criteria (impact within feeder limits)

Modelling of DG in the national energy mix

Capacity building

- DG technologies
- Tariffs and Revenue
- Metering and Billing
- DG applications processing
- Future Grid: Online platform, VPPs, wheeling

Key milestones



- **Cohort 1:** Madagascar, Namibia, Eswatini, Mozambique, Lesotho, Uganda
- **Cohort 2:** Liberia, Kenya, Senegal, Zimbabwe

What to expect this week

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Distributed Generation Technical Support Workshop

OVERVIEW OF DG

DAY 1

- **Intro** to DG
- DG Landscape in Africa
- Profiling experienced countries
- **Grid of the future**
- Networking Dinner

DG REGULATION

DAY 2

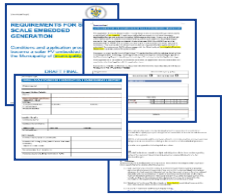
- **Lessons** from experienced countries
- Regulations **Benchmarking**
- **DG Tariffs**, compensation and billing

UTILITY IMPLEMENTATION OF DISTRIBUTED GENERATION

DAY 3

- DG Technical Requirements **Benchmarking**
- Technical Specifications, **Grid Impact** & Simplified Connection Criteria

PROCESSING DISTRIBUTED GENERATION APPLICATIONS



DAY 4

- Industry Perspective on rollout of DG
- **Processing applications**
- Technical checks
- **Commissioning** and Site visit

PROCESSING DISTRIBUTED GENERATION APPLICATIONS

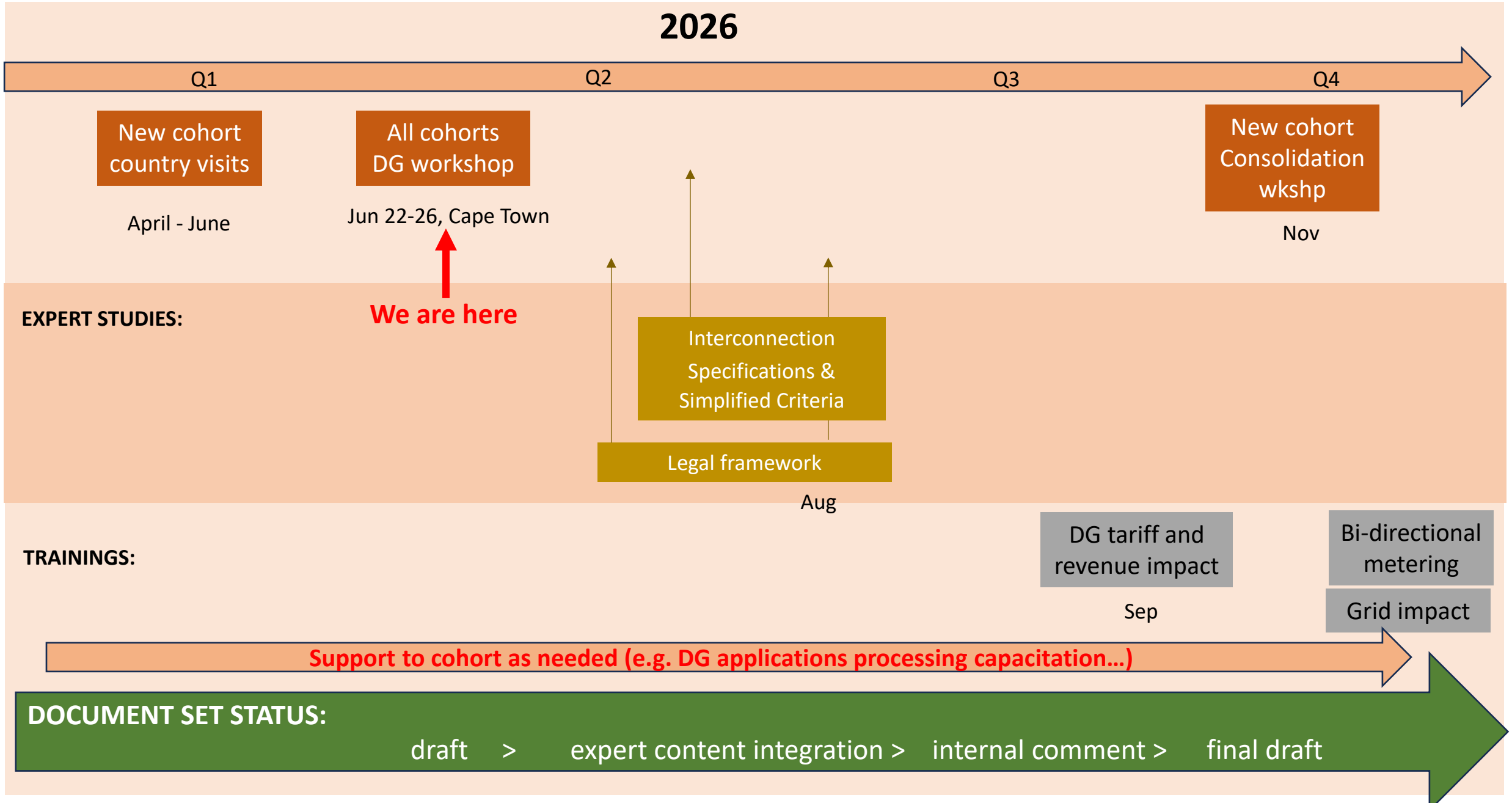
DAY 5

- **Assessment of DG Applications** (Hands on Exercises)
- Installer Accreditation
- Addressing illegal/ unauthorized systems
- **Action Plan**
- Feedback & Certificates

Daily's

- Kahoot!
- Assessment

GET.Transform Distributed Generation (DG) support TIMELINE



Thank You for your Attention!

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