



2025 ENERGY TRANSITIONS WORKING GROUP



PORFOLIO COMMITTEE ON ELECTRICITY AND ENERGY BRIEFING

South Africa's 2025 ETWG Vision, Priorities and Update, 12 March.

Department of Electricity and Energy | South Africa

PRESENTATION OVERVIEW.

1. South Africa's 2025 G20 Presidency (Country Overview).
2. Task Forces.
3. 2025 **E**nergy **T**ransitions **W**orking **G**roup Priorities (**ETWG**).
4. ETWG Outcomes per Priority.
5. High Level Observations of the 1st ETWG.
6. 2025 ETWG Annual Calendar.
7. Technical Dialogues.

SOUTH AFRICA'S G20 PRESIDENCY (Country Overview)

- South Africa embraced the theme “**Solidarity, Equality, Sustainability**” for its G20 Presidency.
 - Centred on the core of the original G20 mandate of promoting Strong, Sustainable, Balanced and Inclusive Growth.
- To achieve high-level deliverables, three time-bound **Task Forces** that will bring together role players across the Tracks and Working Groups have been created.
- **Energy Transitions Working Group**
 - Discussion on critical minerals will also find expression under Task Force 1 (Economic Growth).
- **Task Force 1** is expected to deliver **Policies** and **Principles** for inclusive economic growth, employment creation and the fight against inequality.



TASK FORCE SESSIONS.

- **Task Force 1:***

- Inclusive Economic Growth, Industrialization, Employment and Reduced Inequality.

- **Task Force 2:**

- Food Security.

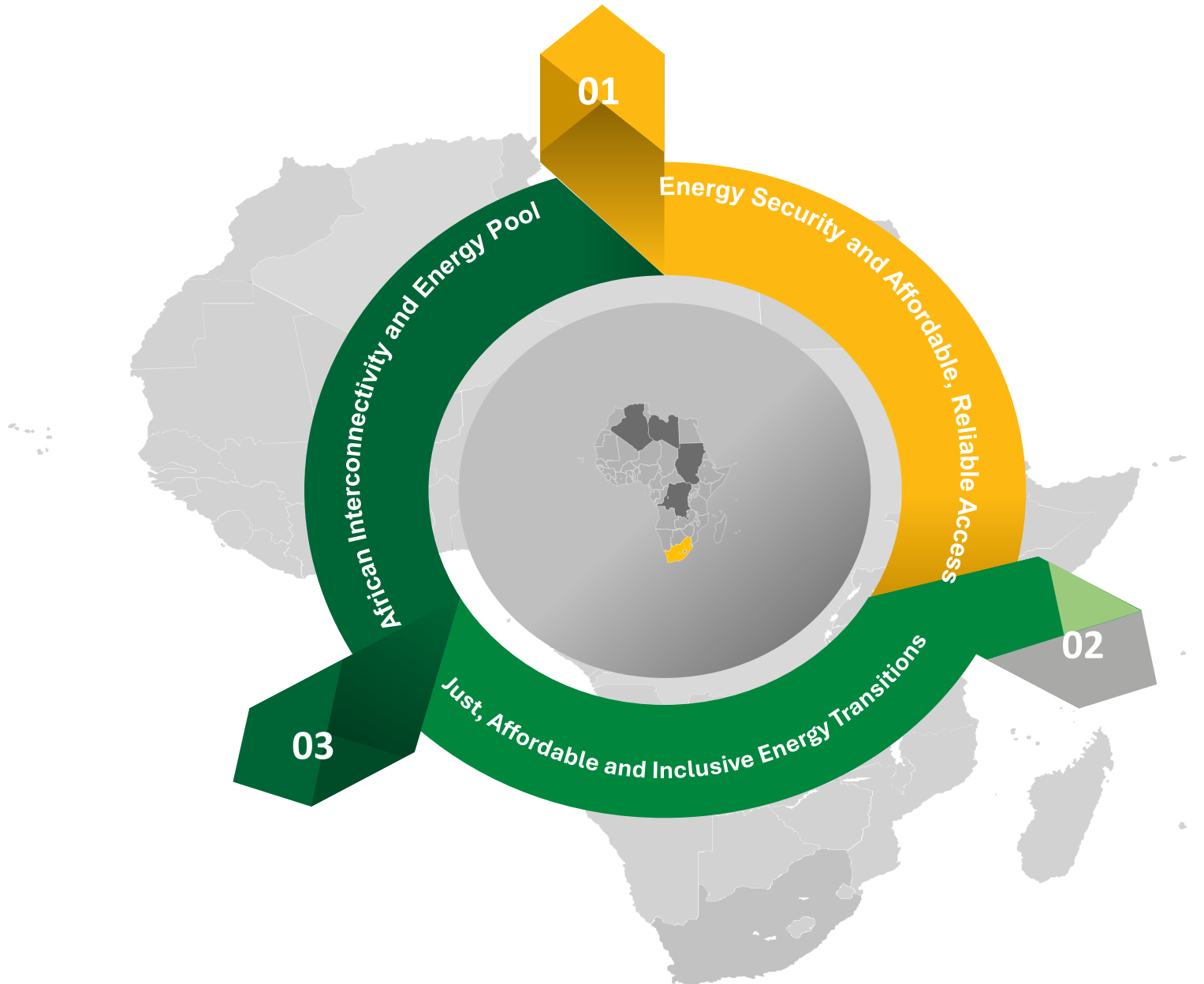
- **Task Force 3:**

- Artificial Intelligence, Data Governance and Innovation for Sustainable Development.



* Task Force 1 to engage in detail on **all Critical Minerals**, including those required for Energy Transitions.

SOUTH AFRICA'S OVERALL ETWG PRIORITIES.



2025 ETWG AGENDA BUILT ON THREE PILLARS.

1. Energy Security:

- Focuses on enhancing global energy **access** and **affordability** by promoting resilient and sustainable energy systems.
 - This includes developing robust infrastructure, **diversifying energy sources**, and addressing energy disruptions caused by climate change and geopolitical factors.



2. Just, Affordable, and Inclusive Energy Transitions:

- Amplifying the need for a **just, balanced, and inclusive transition** that leaves no one behind.
 - Emphasising the **socio-economic equity** needed to balance climate goals with industrial growth.
 - Ensuring that the benefits of the transition are **shared equitably**.



3. African Interconnectivity:

- Strengthening regional energy **collaborations and cooperation** and promoting **cross-border energy trade** and regional power pools as a
 - Tool for efficiently integrating cleaner energy systems and ensuring affordable and secure energy for all.



PRIORITY 1: ENERGY SECURITY AND AFFORDABLE, RELIABLE ACCESS.

Outcomes:

1. **Energy Security:** Develop a framework on how to address energy security risks, considering diversification of energy sources such as natural gas, nuclear (small modular reactors), solar, wind and hydrogeneration.
2. Develop a roadmap for financing energy access with an **Africa-focused action plan** for deploying technologies, such as microgrids, to un-serviced communities.
3. Clean cooking gap: accelerate the deployment of cleaning cooking solutions in the next two years to reach **universal access to clean cooking by 2030**, notably in Africa.
4. **Infrastructure Resilience:** Develop an action plan for developing and/or upgrading energy infrastructure, particularly in under-serviced communities,
5. **Affordability Frameworks:** Work towards a global energy poverty compact based on a compendium of policies and funding schemes to reduce energy cost, energy poverty and support vulnerable consumers.

PRIORITY 2: JUST, AFFORDABLE AND INCLUSIVE ENERGY TRANSITIONS.

Outcomes:

1. **Green Industrialization Hubs:** Develop a roadmap and action plan for establishing green industrial frontier hubs in Africa by 2027. Consider intercontinental partnership on funding and technology transfer.
2. **Socio-economic safeguards for coal-dependent regions:** Initiate pooled capacity/Country support for identification of studies regarding critical sectors that will benefit from infrastructure investments in energy, emphasising the promotion of local production and global competitiveness, as a basis for repurposing coal dependant economies.
3. A G20 **action agenda for affordable and inclusive transitions**, deepening the Brazil's G20 principles and engaging the Global Commission for People-Centred Transitions.

PRIORITY 2: JUST, AFFORDABLE AND INCLUSIVE ENERGY TRANSITIONS.

Outcomes:

4. **Local Content Requirements:** Develop a roadmap and action plan for a local social compacting (Government, Business, Labour) to implement 60% domestic sourcing policy for renewable projects by 2026.
5. **Clean Hydrogen and Ammonia for hard to abate sectors**, such as steel industry, aviation industry, cement manufacturing, chemical and refineries, **with a focus on Africa**: Develop a roadmap and action plan in 2025 for the establishment of industrial frontier hubs with emissions reduction targets for steel, cement, and chemicals by 2030.
6. **Sustainable Fuels:** Develop a roadmap for sustainable fuels building on the latest global analysis and related collaboration initiatives.

PRIORITY 3: AFRICAN INTERCONNECTIVITY

Outcomes:

1. Exchange **best practices on regional interconnectivity** with an action plan for achieving regional interconnectivity in Africa based on the three pillars:
2. Ten-year infrastructure investment plan for **Africa's Cross-Border Projects**: Guided by the African Union, identify a minimum of three significant cross border energy projects and develop project financing mechanisms. African **Continental Master Plan** to be used as a guide.
3. **Policy Harmonization** to support cross border trade: Align regulations in 50% of AU member states by 2025 to foster a unified energy market.
4. **Renewable Energy Corridors**: Establish two corridors by 2030, supplying 15% of regional needs.

1ST 2025 ETWG MEETING - OBSERVATIONS

1. 27 to 28 February 2025. (Virtual)
2. Attended by **all G20 members** (19 countries and 2 regional bodies (**AU** and **EU**)).
3. Invited countries and International Organization.
4. **Troika** (United States of America (**2026**) and Brazil (**2024**)) supports South Africa's priorities.
5. USA reviewed position on Just Energy Transitions – more focused on **Energy Security** and **Sovereignty**. Energy addition rather than subtraction/replacement.

AGENDA	
ETWG 1 DAY 1 – VIRTUAL MEETING– FEBRUARY 27	
Time	Agenda
	Opening by Chairperson (s)
13:00 – 13:15	Welcome to delegations and partner institutions Remarks by Hon Minister Dr.Kgosientsho Ramokgopa
13:15 – 13:45	South Africa's vision and proposed work plan for the ETWG Presentation of South Africa's vision for the G20 Presidency and the three priority areas. Workplan and methodology overview.
13:45– 14:45	Initial interventions by members on the work plan (3 minutes per delegation)
14:45 – 15:00	BREAK
15:00 – 15:30	Africa's Energy outlook (10 minutes per presenter) <ul style="list-style-type: none"> • International Energy Agency - Energy Security (Opportunities and Challenges of Energy Security in Africa) • International Energy Forum - Energy Outlook with focus on Hydrocarbons • Mission 300 - Energy Access and Affordability in Africa • OPEC – Perspectives on Energy Demand: Focus on Africa
15:30 – 16:30	Intervention by members (3 minutes per delegation) & guest countries (2 minutes per delegation)
16:30 – 17:15	Proposed inputs from International Organizations (5 minutes per IO) <ul style="list-style-type: none"> • Invited International Organizations
17:15 – 17:30	Closing remarks Chair to summarize discussions of the day.
ETWG 1 DAY 2 – VIRTUAL MEETING – FEBRUARY 28	
13:00 – 13:10	Opening Session Recap of day 1 by the Presidency (Chairperson(s))
13:10 – 13:25	Priority 1 –Energy security, affordability and reliable access Presentation by Presidency on Priority 1
13:25 – 14:25	Member-led discussion on Priority 1 (3 minutes per delegation)
14:25 – 14:40	Priority 2 – Just, affordable and inclusive energy transitions Presentation by Presidency on Priority 2
14:40 – 15:40	Member-led discussion on Priority 2 (3 minutes per delegation)
15:40 – 15:50	BREAK
15:50 – 16:05	Priority 3 – African interconnectivity and energy pool Presentation by Presidency on Priority 3
16:05 – 17:05	Member-led discussion on Priority 3 (3 minutes per delegation)

1ST 2025 ETWG MEETING – OBSERVATIONS

1. **South Africa** was congratulated for the comprehensive and ambitious plan and vision.

- Particularly in regards to priority 1 (Energy Security, Affordability and Reliable Access).

2. The delegation of the United States of America (**USA**) indicated that:

- Priority 2 (Just Energy Transitions) and references to climate change, decarbonisation and green industrialization would be areas they are unlikely to support.
- Emphasized that it is more interested in ensuring Energy Security within the context of its National Interest.

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2. The delegation of the United States of America (**USA**) indicated that:
 - Strongly advocating for energy addition as opposed to energy subtraction.
 - USA further emphasised that it has taken a technology neutral stance on energy transition paths.
3. Move to elevate importance **hydrocarbon (Saudi Arabia & OPEC)**.
 - Different pathways to transition energy system to low carbon economy.

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4. **G7 countries** (excluding USA) are on the opposite end of the spectrum.

- Emphasising and reaffirming shared global responsibilities and climate commitments.

5. While it was reiterated that geo-political issues should be discussed at G20 Sherpas, Ministers of Foreign Affairs and Leaders level.

- Some delegations made reference to the Russia/Ukraine conflict in their statements.

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6. Critical Minerals:

1. Welcomed elevation as a High-Level Presidency priority under **Task Force 1**.
2. Cautioned that critical minerals should not be used as a tool of coercion. (G7 countries echoed this point).

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2025 ETWG ANNUAL CALENDAR

MEETING VENUES TECHNICAL & MINISTERIAL

Track	Title of Meeting	Date	Venue	Number of Days	Number of Participants	Level
1	1st Energy Transitions WG Meeting	27-28 February 2025	Virtual	2	250	Senior Officials
2	2nd Energy Transitions WG Meeting	30 April 2025 - 02 May 2025	In Person (Cape Town)	2+	250	Senior Officials
3	3rd Energy Transitions WG Meeting	30 July 2025 - 01 Aug 2025	In Person (North West) Sun City Resort	3	250	Senior Officials
4	4th Energy Transitions WG Meeting and Ministerial Meeting	23-26 September 2025	In Person (Mpumalanga) Kruger National Park	3 + 1	450	Senior Officials & Ministerial

2025 ETWG ANNUAL CALENDAR



200-250 Delegates*

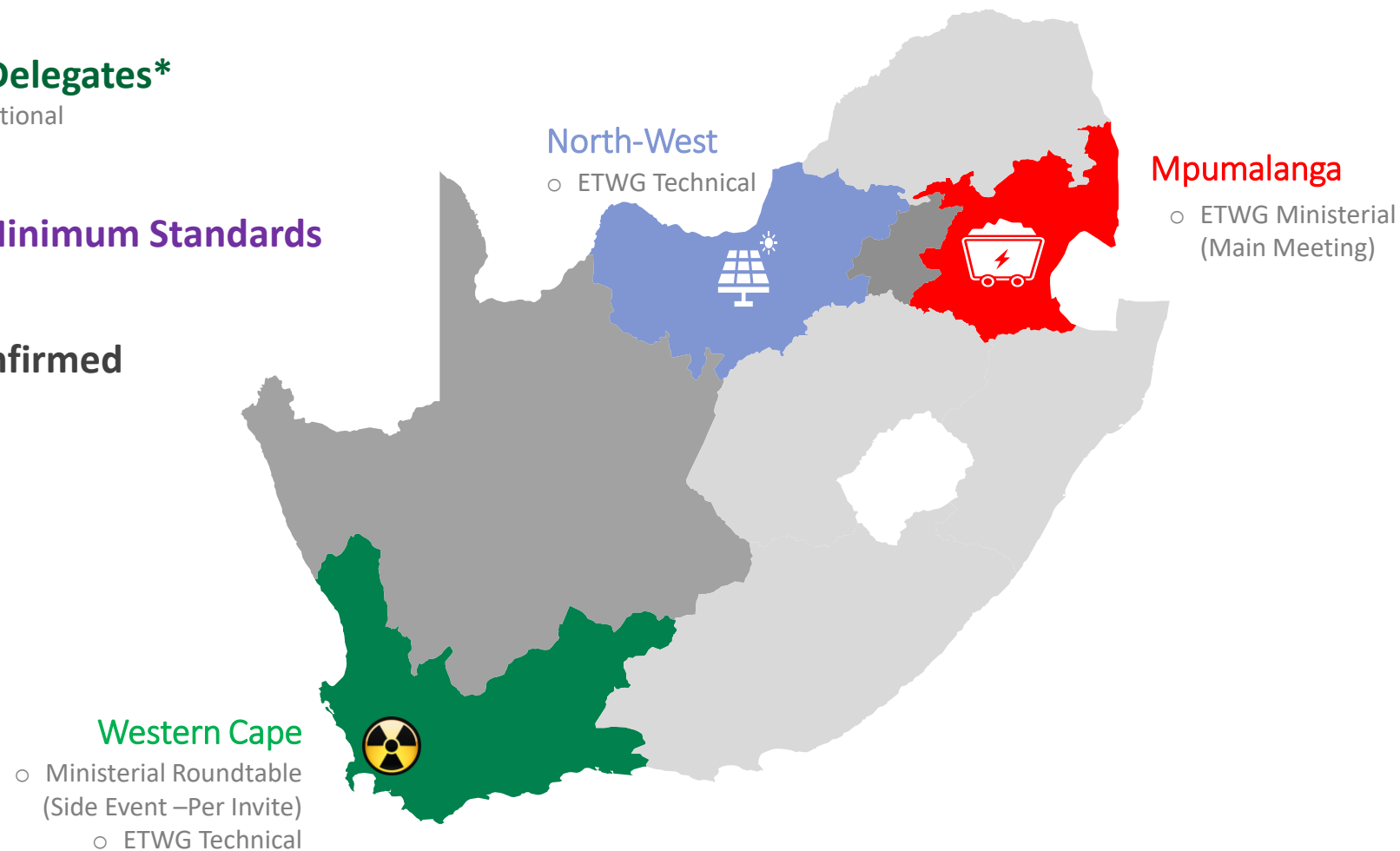
Mostly International



Venues Minimum Standards



Dates Confirmed



**Ministerial expected +/- 450*

ETWG TECHNICAL DIALOGUES

1. **Africa Green Hydrogen Summit 2025** in partnership with the UN and the EU.
2. **G20 Energy Ministerial**: Launch of a **G20 action plan** on clean energy supply chains
3. **G20 Ministers** to join the **IEA Summit** on the Future of Energy Security (April 2025)
4. Convene **AU members in SA G20** capacity on the just transition narrative and what it means for the continent.
5. Convene the **IEA Clean Energy Labour Council** (COSATU is co-chair of the Council).
6. **G20 Energy Ministerial (per invite)**: Global Commission on ET meeting, (Labour unions and Invited Ministers). Proposed to start early morning before G20 Energy Transition Ministerial Meeting)
7. **G20 ETWG-SFWG** event on **sustainable finance** and investment for clean energy (NT, RB, AU, AfDB, UN and IEA Finance Industry Advisory Board).
8. G20 Energy **Innovation Forum** (latter half of 2025) to build on the IEA tracking of clean energy technology policies, developed for the G20 Research and Innovation Ministerial 2024.
9. G20 ETWG: **Ministerial roundtable with IFIs, DFIs and MDBs**.
10. G20 Leaders' Summit: G20 call for a new Global New **Energy Investment Pact** for Africa.
11. G20 ETWG – Jointly host with **IEA, African Union and South-South Energy Ministers** roundtable on energy access and affordability to achieve universal access by 2030 (Supported by AfDB, DBSA, et.al)

ETWG TECHNICAL DIALOGUES

12. G20 Leaders' Summit: G20 sponsor **call for global partnership to forge universal access** by 2030.

13. **ETWG Dialogue** – Jointly host with IAEA, Symposium on SMR's

14. **G20 Ministerial Meeting of Gas exporting countries** (RSA Minister support by SASOL, ESKOM, PETROSA and iGAS)

15. **ETWG Dialogue** – Jointly host in partnership with IEA an African Energy Dialogue with stakeholders from across Africa. (government officials, energy industry leaders, and international organizations).

FOCUS: Strategies and partnerships aimed at strengthening energy security across the continent. (emphasize on will be on improving electricity generation and transmission interconnectivity among African nations).

1. **Six (6) Ministerial Side meetings.**

2. Side events

1. Dates & venue yet to be finalized
2. Venues to be subjected to similar main event criteria.
3. Opportunity to have focused discussions on any topic without the risk on the main ETWG.

3. Site Inspections

1. DEE and DIRCO to undertake and confirm compliance.
2. Must be done in advance to allow for contingencies

4. Excursions

1. Jointly with Provinces to identify and finalize
2. Logistics arrangement to be finalized ahead of ETWG meetings.



Thank You.