



**UC DAVIS**  
India ZEV Research Centre  
Institute of Transportation Studies



# Council for Critical Minerals Development in the Global South

Strengthening South-South and International  
Cooperation for a Just Energy Transition

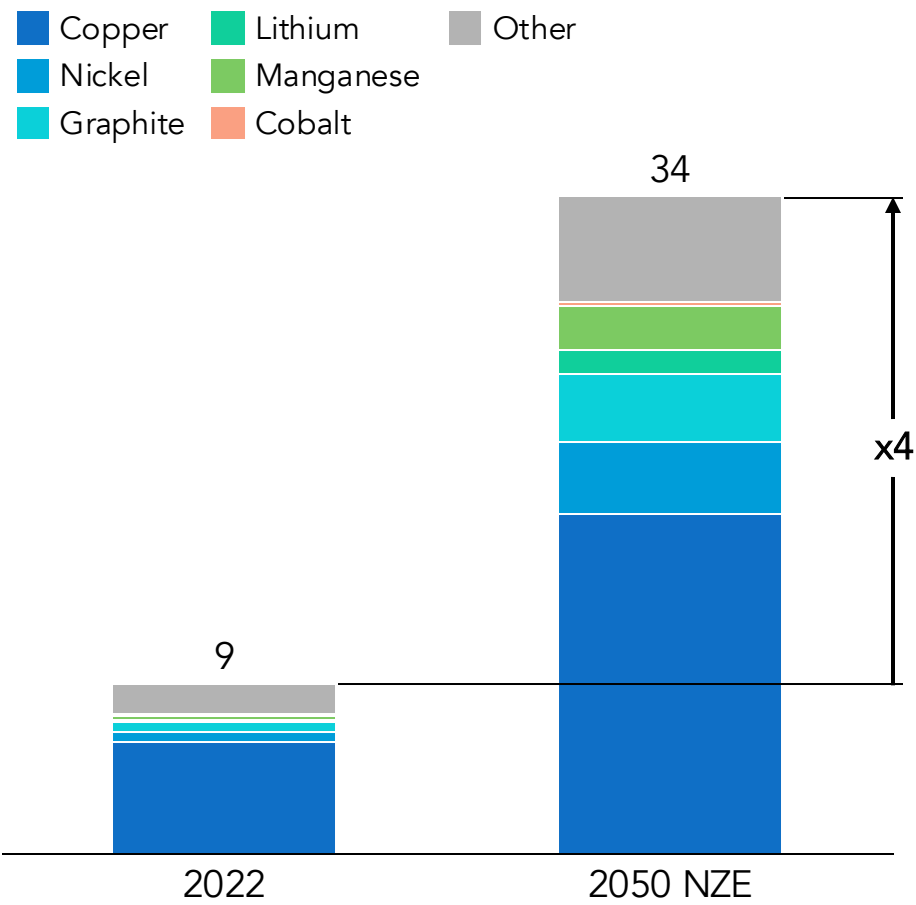
April 2025

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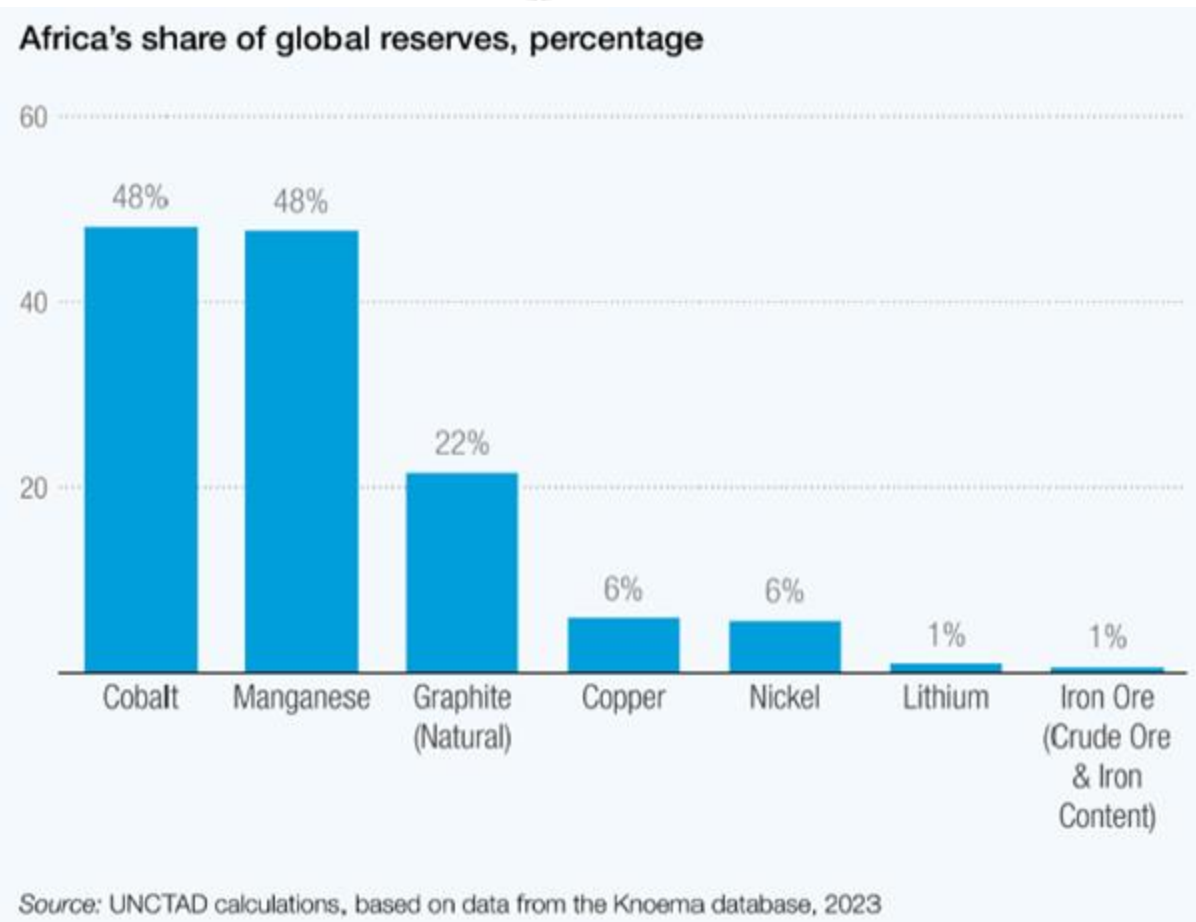


# Demand for critical minerals estimated to increase by 4-fold by 2050; the Global South is well-resourced with several key minerals

Critical minerals demand for clean energy technologies in NZE scenario, Mtons



Selected critical energy transition minerals reserves on the African continent



To unlock value creation opportunities, countries face many challenges...



**Technological gaps** for refining, processing, downstream, recycling and alternate technologies



**Governance and regulatory conditions** for the extractive sector and supply chain expansion



**Data and analytics availability** to enable holistic industrial policy development and unlock investments in mining & value chains

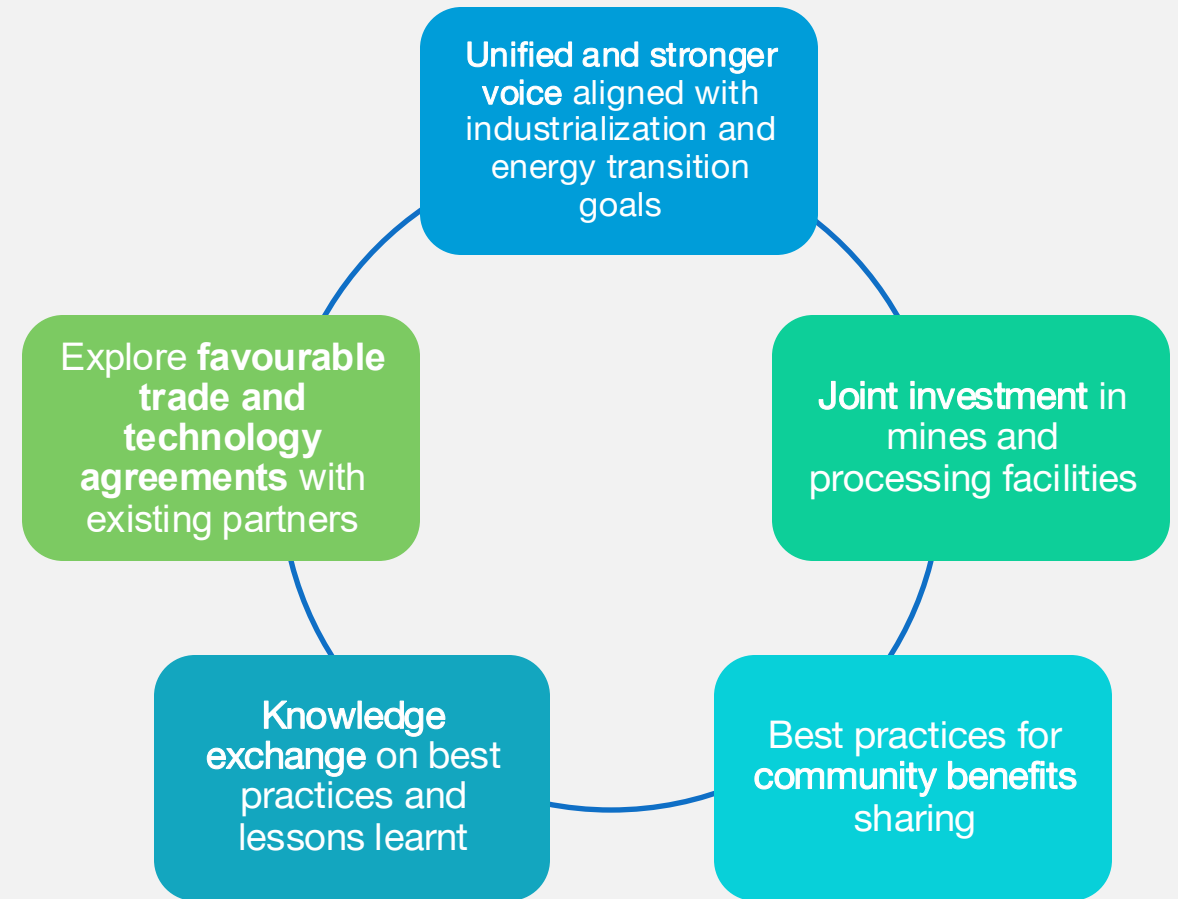


**ESG risks** (e.g., labor standards, adaptation of standards to local conditions)



**Policy and financing gaps** (e.g., complementary policies in trade, R&D, manufacturing, training, and access to concessional capital)

... which South-South collaboration can help alleviate.





# A partnership to catalyze south-south and international cooperation and exchange



## COUNCIL FOR CRITICAL MINERALS DEVELOPMENT IN THE GLOBAL SOUTH

[www.transitionmineralscouncil.org](http://www.transitionmineralscouncil.org)

### PARTNERS



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# The Council: Objectives and Activities



## KEY OBJECTIVES

A Global South-led platform to support policymaking and catalyze partnerships to enable governments to:

- Advance ambitions for **local value creation**;
- **Secure critical minerals** and technologies required for energy transition and green growth goals;
- Promote **sustainable and inclusive transitions**
- **Unified vision and policy approach** for critical minerals

## PILLARS OF WORK

Collaboration & Partnerships



Research & Insight



Capacity Building



Global Advocacy



## THE SECRETARIAT



- Global/regional engagement (e.g. UN, G20)
- Capacity building
- Energy transition plans and RE manufacturing



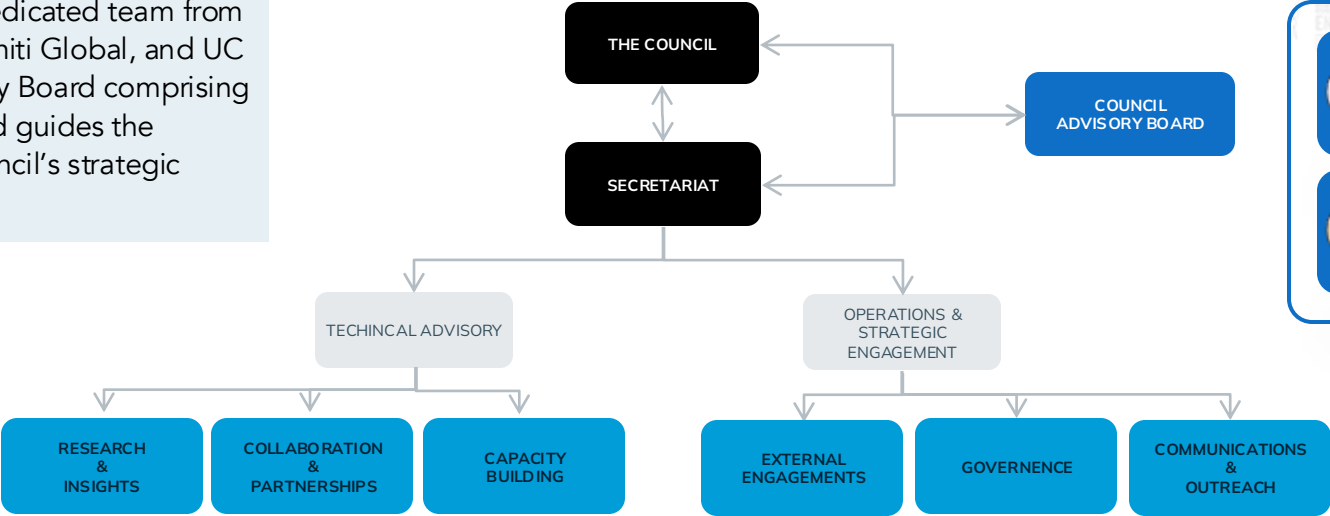
- Policy research
- Peer-to-peer and policymaking networks
- ESG aspects of mining



- Mineral supply-demand modeling
- Industrial policy
- Technical and policymaking networks

# The Council: Governance Structure

The Council is powered by a dedicated team from Sustainable Energy for All, Swaniti Global, and UC Davis, supported by an Advisory Board comprising international experts. The Board guides the Secretariat and shapes the Council’s strategic priorities and workplan.





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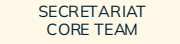
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**LEGEND**

**COUNCIL  
ADVISORY BOARD**

**COUNCIL  
WORKSTREAMS**

**SECRETARIAT  
CORE TEAM**

# The Council: Ongoing Activities and Engagements



## Country engagement

Ongoing outreach to ↴



Brazil



Ghana



India



Indonesia



Nigeria



South Africa



- Nigeria
- Uganda
- South Sudan
- Democratic Republic of Congo
- Malawi
- Sierra Leone
- Botswana
- Burundi
- Chad
- Guinea-Bissau
- Liberia
- Somalia
- South Africa
- Tanzania
- Zambia
- Zimbabwe



**Africa Minerals Strategy Group joins the Council for Critical Minerals Development in the Global South**



## Collaboration & Partnerships

### INSTITUTIONAL ENGAGEMENT





# The Council: Ongoing Activities and Engagements



## Collaboration & Partnerships



Sep'24: UN General Assembly



Sep'24: Roundtable in Indonesia



Nov'24: Roundtable at COP29, Baku



Feb'25: Mining Indaba 2025



## Capacity building

Virtual RoundTable - July & October 2024

**Redefining Community Benefit Agreements for Equitable Critical Mineral Development**

South-south exchange on policy design, including auctions and linkages to downstream manufacturing



## Research & Insights

- Minerals demand-supply assessments – **India, ASEAN**
- Best practice analysis on community benefits sharing agreements – **Global South**
- Africa Renewable Energy Manufacturing Initiative (SEforALL) – **Kenya, Nigeria, Ghana, and South Africa**



## Steps for membership\*

1

Expression of  
Interest/Partnership **letter**



2

Nominate a **representative**



3

Develop a country-specific  
**priority plan**



## Who is a Council member representative?

Public sector representative from a Global South country or region.

- e.g. Government institutions responsible for critical minerals development
- e.g. Inter-governmental entities supporting critical minerals development
- Admission to the Council is invite-only

\*No financial contribution is required or requested for membership.



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