



ASIA CLEAN ENERGY FORUM 2026

Securing Minerals for Energy and Technologies

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Matching policy to the minerals market

<p>Mature market (Copper) Jurisdiction risk & incentive price gap</p>	<p>Political risk insurance & infrastructure support</p>
<p>Emerging market (Lithium) Extreme price volatility</p>	<p>Price stabilization contracts & R&D grants</p>
<p>Highly concentrated market (Rare earths) Limited market mechanisms</p>	<p>Contracts for difference & government procurement</p>
<p>Opaque market (Graphite) Long qualification & opaque pricing</p>	<p>Qualification bridge finance & demand pooling</p>
<p>Niche market (By-products) Unfavourable recovery economics</p>	<p>Mandated recovery standards & cost-sharing</p>

Source: World Economic Forum and Columbia SIPA.

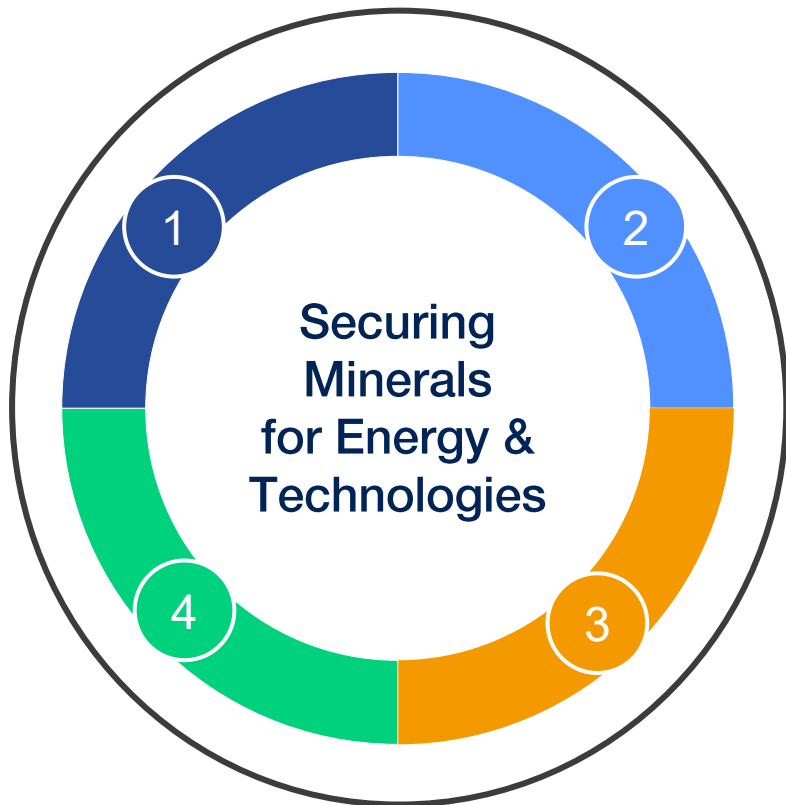
Matching policy to the project lifecycle

<p>Exploration and early development</p>	<p>Use capital support when there is no project cash flow</p>
<p>Feasibility and construction</p>	<p>Use risk mitigation tools to protect large capital outlays</p>
<p>Ramp-up and early operations</p>	<p>Use revenue stabilization tools to manage market volatility</p>
<p>Steady-state production</p>	<p>Use production support tools to sustain cash flows and enable reinvestment</p>
<p>Midstream/refining</p>	<p>Use demand anchoring and midstream support tools to make refining projects bankable</p>

Source: World Economic Forum and Columbia SIPA.

Securing Minerals for Energy and Technologies: Overview

A multistakeholder platform [strengthening collaboration on minerals critical to energy systems and advanced technologies](#), bringing together leaders from government, industry, finance, international organizations, civil society, and academia [to align around shared challenges, advance resilience, and diversify mineral value chains](#).



- 1** Investment Mobilization

Identify investment and mobilize public and private capital by highlighting de-risking mechanisms and innovative financing solutions.
- 2** Regional Deep Dives

Surface regional opportunities, promote economic value creation beyond extraction, and align investment and policy strategies to region-specific contexts and challenges.
- 3** Trade Dialogue

Facilitate high-level dialogue between global leaders and produce insights to improve minerals trade.
- 4** Innovation & Responsible Sourcing

Highlight technological innovation in extraction, processing, and recycling alongside responsible sourcing practices to future-proof mineral value chains.

The SMET Community

Since its inception in 2022, the initiative has convened leaders across industry, finance and government to strengthen resilience, diversification and responsible development of global mineral value chains.



Regional Deep Dives

Objectives

- **Diagnosis:** Assess investment opportunities into priority areas of the region's minerals value chains and identify key opportunities and barriers.
- **Solutions development:** Surfacing solutions with regional stakeholders and translate insights into concrete recommendations.
- **Mobilize for implementation:** Support regional mobilization of stakeholders to take forward the recommendations developed

Activities

- **Build the community:** Working Group including public sector experts, senior industry representatives, investors, academia, and civil society
- **Develop recommendations:** 12-months process including consultation and workshop leading to an in-person launch event
- **Implement:** Launch community-endorsed report highlighting the solutions and actions the community will take forward to boost the region's minerals competitiveness.

📍 EU
(ongoing)*



NACIONES UNIDAS
UNITED NATIONS



📍 Latin America (ongoing)

📍 Southern Africa
(concluded)



❖ ASEAN (launch July 2026)

Shaping the Dialogue on Minerals

SMET is not only convening senior leadership, government and expert voices but also **shaping the agenda on the investment and innovation challenges across mineral value chains.** Intellectual leadership and collaborative outputs with the SMET communities:

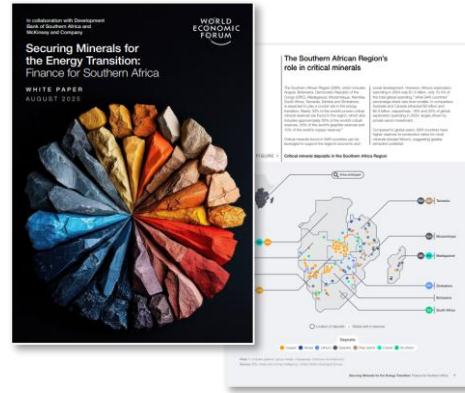
Securing Mineral for Energy & Technologies (SMET)



Securing Minerals for the Energy Transition: Unlocking the Value Chain through Policy, Investment and Innovation
Sept, 2024

In 2024, SMET identified key barriers and enablers to unlocking critical materials supply chains, highlighted the importance of multistakeholder collaboration for affordable and sustainable supply, and recognized innovation, investment, and policy as essential enablers, with insights consolidated through meetings, working groups, and roundtables.

Report



Securing Minerals for the Energy Transition: Finance for Southern Africa
Aug, 2025

In 2025, the initiative adopted a regional approach, beginning with Southern Africa as a resource-rich region, using deep dives to surface context-specific challenges, align policies, and guide sustainable investment in critical minerals value chains.

Report



From Minerals to Megawatts: Building Resilience for EVs, Data Centres and Power Grids
Dec, 2025

In this report, blending market data with insights from over 65 leaders across mining, processing, OEMs, utilities and operators, it articulates each value chain segment's risks priorities, maps interdependencies and flags early-warning signals in markets.

Report



Making Critical Minerals Bankable: Policy Tools to Unlock Investment
May, 2026

In 2026, the initiative will release a Finance Playbook developed with industry and financial partners. Rather than a one-size-fits-all approach, the playbook identifies the specific risks that prevent critical minerals projects from reaching investment readiness and proposes targeted financial tools to address them.

Report

WORLD ECONOMIC FORUM

The logo for the World Economic Forum, featuring a blue arc that curves around the text.

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- 9 June 2026