HELPING COUNTRIES BENEFIT FROM THE GLOBAL DEMAND FOR CLEAN ENERGY TECHNOLOGIES

The energy transition is creating a multi-trillion-dollar market for green technology that requires resilient and diversified mineral supply chains.

The global shift to mineral-intensive clean energy technologies is causing a surge in demand for minerals. By 2040, the global economy is expected to use four times the current amount of critical minerals to generate renewable electricity, electrify transport, and decarbonize industrial processes.

It is fundamental that this growing market translates into opportunities for developing countries, especially those with mineral wealth, to not only supply raw materials but also play a bigger role in the midstream and downstream segments of supply chains of clean energy products.

As policy makers, consumers, manufacturers, and mining companies explore ways to make mineral supply chains more diversified and resilient, new opportunities can be created in low- and middle-income countries to capture a larger share of this growing market, and to leverage their mining sector for resilient economic growth, job creation, and infrastructure development.

RESILIENT AND INCLUSIVE SUPPLY-CHAIN ENHANCEMENT PARTNERSHIP (RISE)
Managed by the Extractives Global Programmatic Support (EGPS) Trust Fund

The RISE Partnership is a global initiative that provides knowledge, technical assistance and finance facilitation to (i) create an enabling business climate generating new opportunities for developing inclusive supply chains of clean energy products in targeted Low- and Middle- Income Countries, bringing value addition and benefits of diversified economies; and (ii) support global decarbonization efforts through more diversified and inclusive supply chains of clean energy products for the global economy.
RISE consists of three interlinked pillars in sequence from analytics through technical assistance to investment facilitation.

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<td>Domestic resource mobilization and transparency</td>
<td>Analytics for identifying opportunities and challenges for participating countries to engage in global supply chains of clean energy products leveraging national and regional potential. Knowledge generation and sharing.</td>
<td>Capacity building and skills development. Strategic planning of infrastructure development (energy, transport, digital). Policy design, economic diversification strategies.</td>
<td>Information-exchange through local information platforms (LIPs) to facilitate potential investments in the midstream and downstream segments of supply chains of clean energy products.</td>
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WHY RISE?

The diversification of global supply chains requires a comprehensive range of expertise across various disciplines, as well as the ability to engage a broad spectrum of stakeholders— including government entities, businesses, and local communities— in the implementation process.

Creating sustainable and responsible supply chains in clean energy products using critical minerals is a long-term engagement. It requires durable policy dialogue and associated investments in good governance and transparency, including efficient sector management, protection of legal rights, transparent revenue management, adherence to the highest environmental, social and governance standards (including Occupational Health & Safety), strategic infrastructure planning, focus on skills and quality jobs, inclusive stakeholder engagement, gender equality and community development.

RISE relies on countries’ reform efforts and focusses on the development impact in participating countries.

RISE will promote sustained development impact of its interventions, which will contribute to mutually beneficial outcomes for producer and consumer countries.

A multi-partner multi-country approach can create the scale effects needed for competitiveness and sustainability.

Regional trade and integrated planning of cross-boundary infrastructure can support the development of subregional clusters of mineral and clean energy value chains that exceed the minimum investment thresholds needed to ensure competitiveness. Clusters can be formed based on commodities, processing, transport and energy.

Improved trade infrastructure (hard and soft) will enable a unified approach to value chains that spans multiple countries, facilitating a diverse exchange of minerals and partially processed products.

WHAT IMPACT?

RISE supports developing countries in capturing a larger share of the growing clean-energy markets to create jobs, develop infrastructure, and foster sustainable economic growth.

RISE supports local economies by creating employment opportunities in clean energy product manufacturing, distribution, and sales.

Inclusive supply chains promote gender equality by creating job opportunities for women.

RISE supports decarbonization of the industry. Environmental benefits are realized through the reduction of greenhouse gas emissions, aiding climate change mitigation efforts.

Collectively, these impacts support the achievement of multiple Sustainable Development Goals, including affordable and clean energy, economic growth, innovation, reduced inequalities, and climate action.
HOW IS RISE IMPLEMENTED?

The RISE initiative is managed by the Extractives Global Programmatic Support (EGPS) Multi-Donor Trust Fund Umbrella administered by the World Bank.

The EGPS Partnership Council composed of EGPS donors serves as the governing body. The RISE Technical Working Group brings together RISE-Donors, industry, civil society, academia and global and regional initiatives to provide advice on strategy and activity implementation based on technical expertise, business insight and regional knowledge.

Local Information Platforms at regional and country level act as issue-driven network platforms, where government representatives from target countries, investors, Regional Development Banks, bilateral Development Finance Institutions, Export Credit Agencies and industry associations from RISE-Partners exchange information on potential investments.

Implementation of RISE is led by World Bank’s extractives experts with teams across the World Bank Group involved in the design and implementation of activities to ensure strategic alignment for a meaningful and long-lasting impact in the countries.

On the private sector investment side, IFC plays a critical role in developing the manufacturing sector by bringing together private sector participants, governments and financing, and also provides sustainable finance to mining and manufacturing companies to support their climate and sustainability goals.

In addition, MIGA offers political risk insurance and credit enhancement to investors.

The Program benefits from more than four decades of combined hands-on multidisciplinary experience.

Contact:
EGPS-RISE@worldbankgroup.org