



AFRICAN DEVELOPMENT BANK GROUP

PILLARS OF THE AFRICAN GREEN MINERALS STRATEGY

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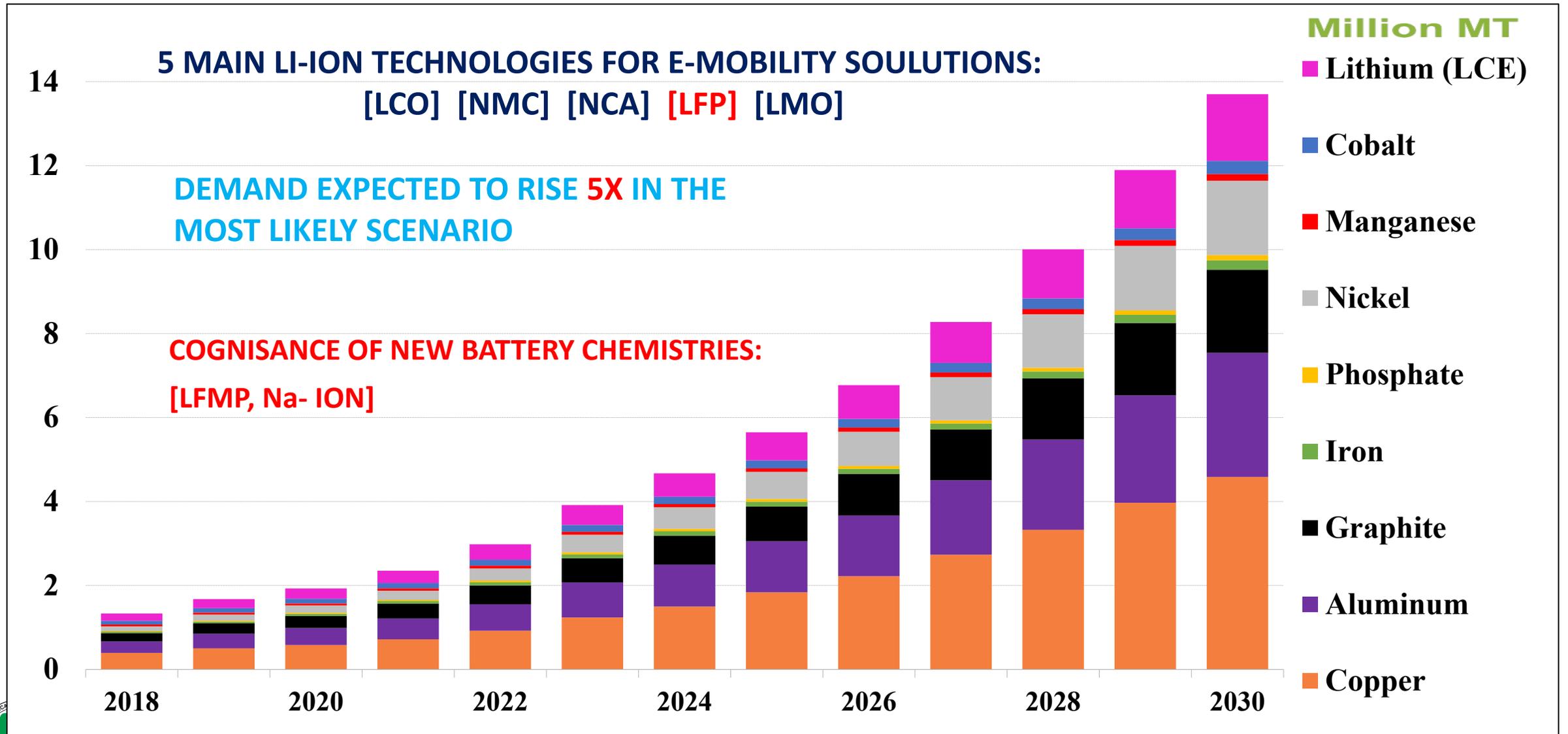
RESOURCE MANAGEMENT WEEK 2023
ASSURING SUSTAINABILITY IN RESOURCE

MANAGEMENT



UNECE

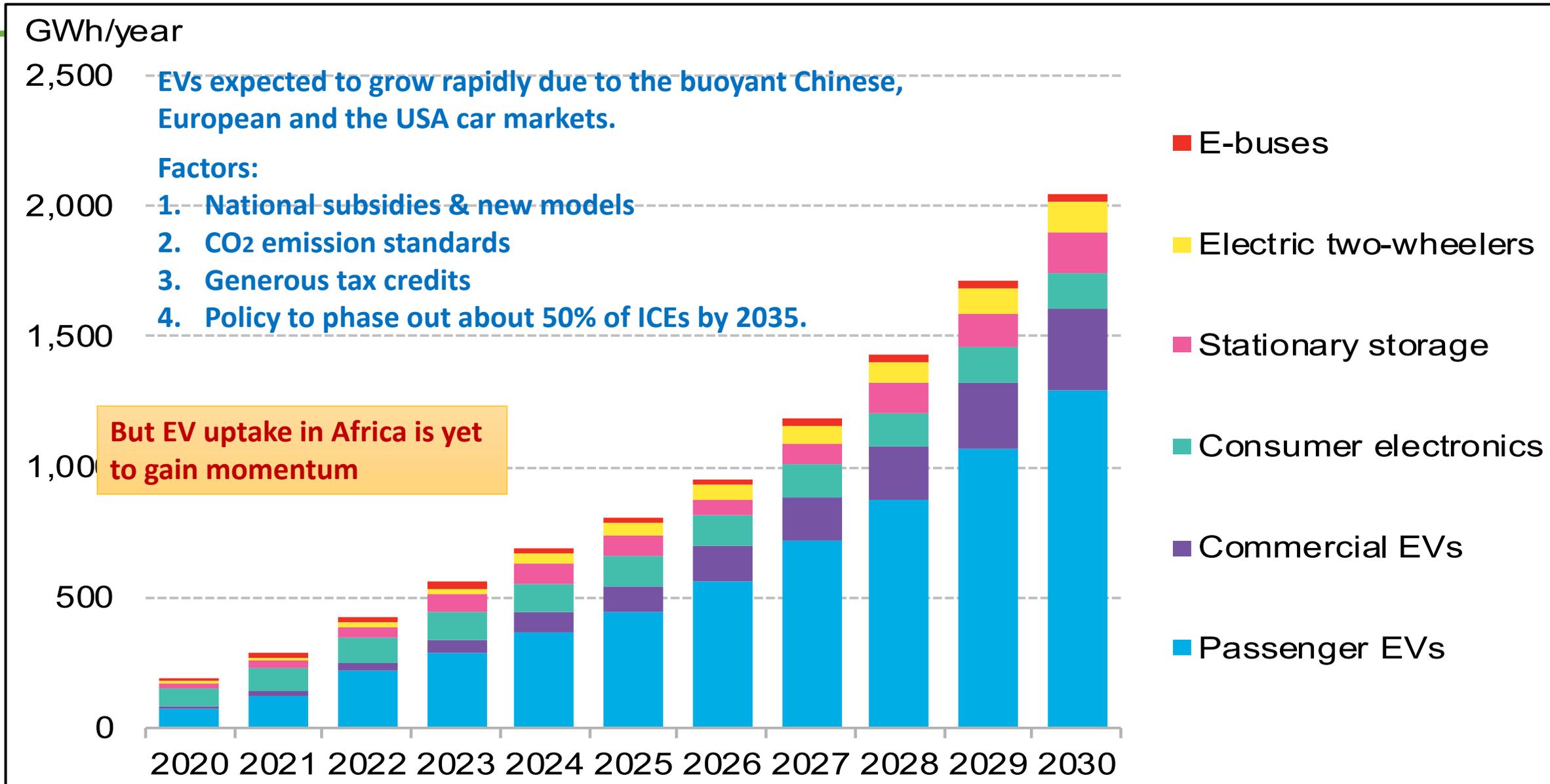
INTRODUCTION: METAL DEMAND OUTLOOK FROM LI-ION BATTERIES (2018-2030)



Source: BloombergNEF



INTRODUCTION: LITHIUM-ION BATTERY DEMAND OUTLOOK



Source: BloombergNEF



AFRICA'S SIGNIFICANT GREEN MINERALS IS AN ADVANTAGE

Mineral / Country	Percentage of some selected world proven RESERVES											Global Projections
	DR Congo	Gabon	Ghana	Guinea	Madagascar	Morocco	Mozambique	South Africa	Tanzania	Zambia	Zimbabwe	2050 projected global annual DD from energy technologies as % of 2018 global annual production
Bauxite				25								9%
Chromium								35				1%
Cobalt	51				1.4	0.2		0.5				460%
Copper	2.2									2.4		7%
Graphite					8.1		7.8		5.3			494%
Iron ore								0.1				1%
Lithium											1	488%
Manganese		4.7	1					40				4%
Titanium					3.1		3.5	5.6				0%
Vanadium								16				189%

Source: World Bank data on 2050 projected annual demand for 17 critical minerals & USGS data on global reserves

VISION AND INTER-CONNECTED FACTORS

Vision: Guide Africa to strategically harness the continent's green mineral resources for industrialization and to create an African presence in emerging green technologies.

Five inter-connected factors unfolding across Africa:

- Growth and demand for green minerals for future low carbon pathways and green energy;
- Africa's strength in mineral resources - basis for green energy demand and transition;
- Imperative of reorienting economic growth to a low carbon future;
- Drive industrialization and economic diversification taking advantage of the emergence of new industries: **BEV value chains**; and
- Leveraging **AfCFTA** to deepen market integration: Thus, provide scale economies for investment projects along the BEV value-chains.

STRATEGY PILLARS

Four Pillars support the strategy to deliver the VISION:

- **Advancing Mineral Development:**

- increasing geological knowledge & information, conducting feasibility studies to attract investment, establishing infrastructure for an enabling environment and aligning mineral resource management with the AMV.
- AfDB is a key implementing Partner of AMDC on AMV and AMREC

- **Developing People and Technological Capability:**

- identifying skills needed to capitalise on opportunities and building institutions to generate them.

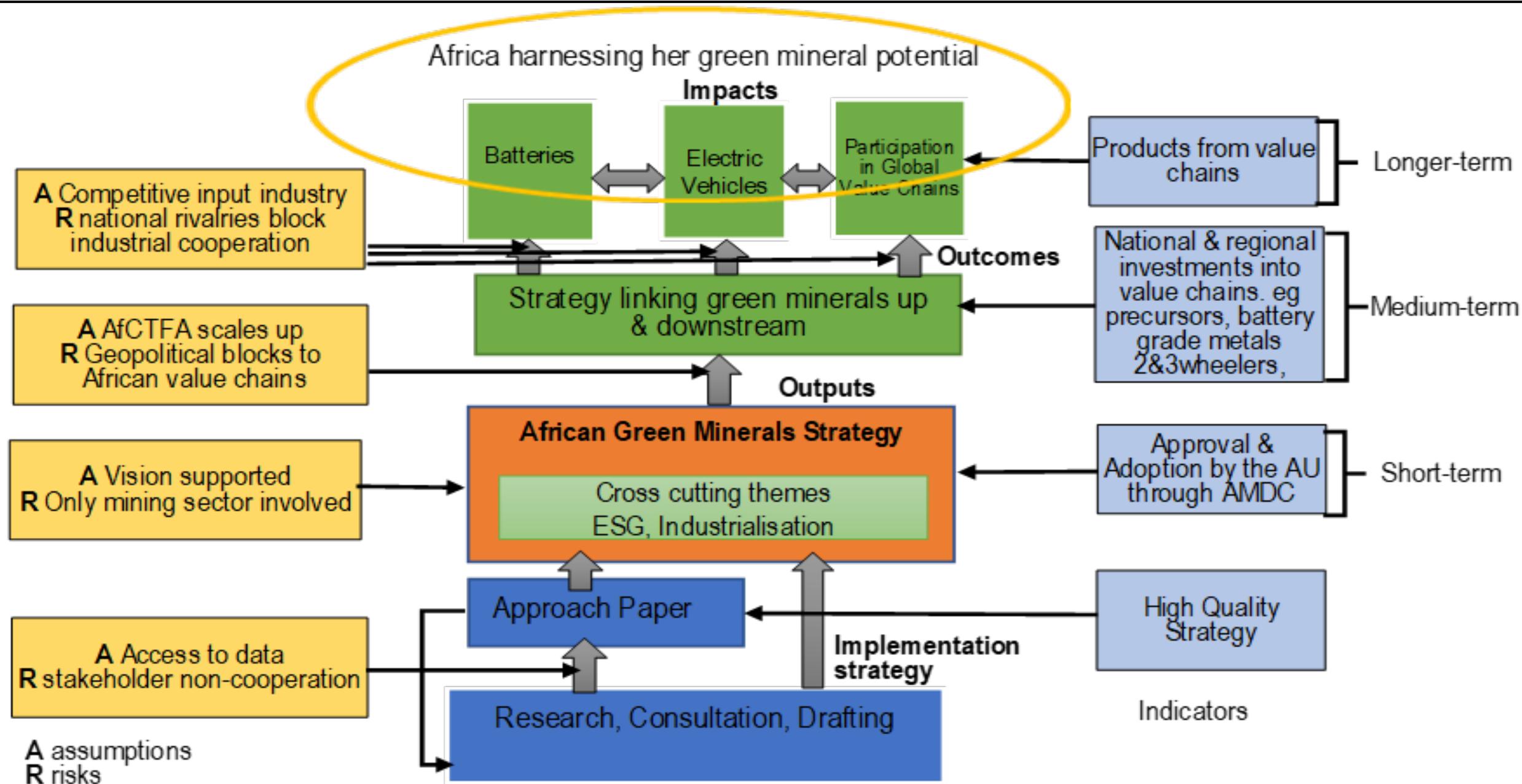
- **Building Key Value-Chains towards RBI & access wider regional and continental markets through AfCFTA:**

- e.g.; Establish BEV value chains, starting with precursor production, 2&3 wheeled vehicles and commuter buses.

- **Mineral Stewardship:**

- responsibly guide ESG aspects of green minerals together with material reuse and recycling.

SIMPLIFIED THEORY OF CHANGE

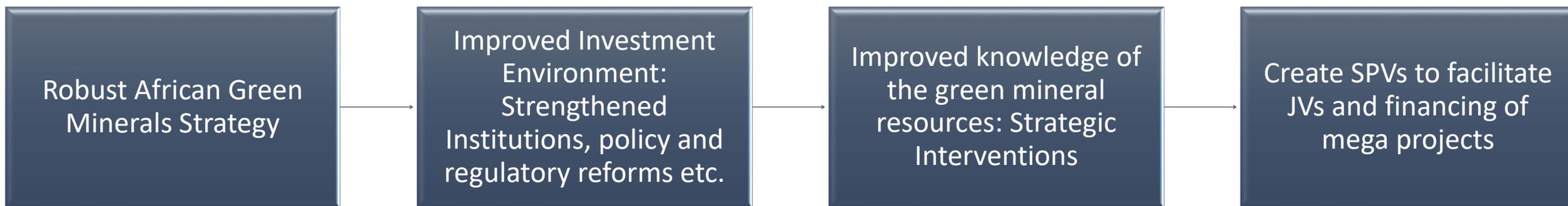


COMPETITIVENESS AND SOME SUCCESS FACTORS

Green Minerals – significant volumes. Business case for Precursor production in DRC.

AfCFTA: 1.39 billion pop. with a combined GDP valued at US\$3.4 trillion.

2/3 Wheelers: Africa imports about 4 million with value 2.8 billion annually



Scale up infrastructure investments (clustered around Special Economic Zones) and implement smart LC policies.

Foster the development of mineral-based industrialization and RMV chains within the context of the AfCFTA

Establish Centres of Excellence on battery development:

- develop skills and competencies, increase domestic R&D and STI capabilities etc.

ESG Issues: Central to project development.



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Thank you!

Further Information, Contact:
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