



NAMIBIA-EU BUSINESS FORUM

**Namibia's Mineral Project
Pipeline – Gaps, Challenges
and Opportunities**

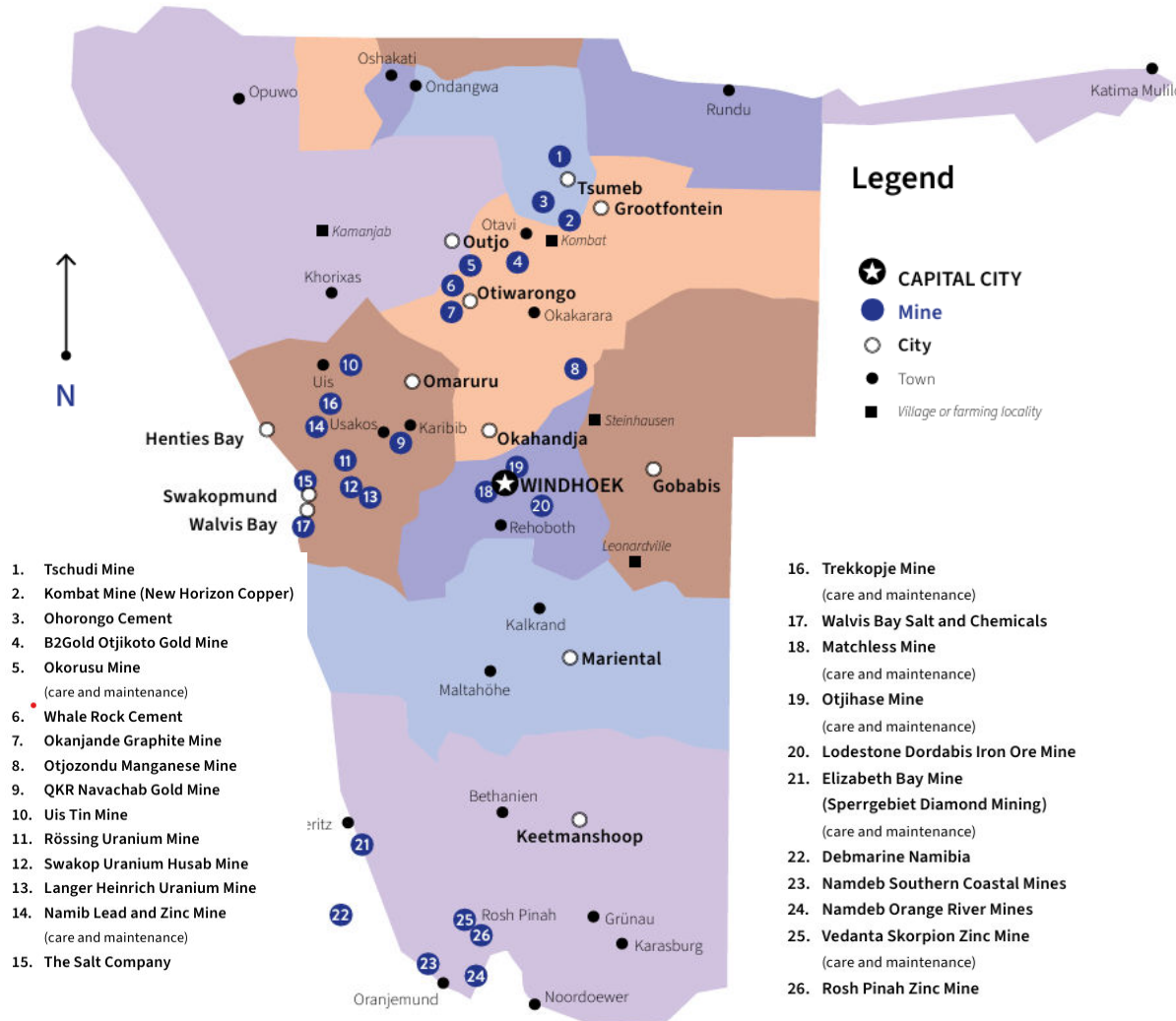
Presenter:

Dr Andreas T Salom (NIPDB)

Ms. Lauren Graham (Chamber of Mines)

CRM Resource Endowment and Reserves in Namibia

Namibia as a Mining Investment Destination



Source: Chamber of Mines

- **Economic Contribution:** Mining contributed **14%** to GDP in 2025 (**14.7%** in 2024) with **20,798** jobs created, mostly for Namibians.
- **Exceptional geology**, multiple mineral systems and underexplored terrains
- **Stable governance**, with consistent mining policies over decades
- **Competitive fiscal terms** that support exploration and mine development
- **Good infrastructure**, ports, rail, & power access
- **Due diligence to the Environment:** EMA, Act of 2007

Namibia's Mineral Resource Potential

Diamonds



Copper



Uranium



Lead



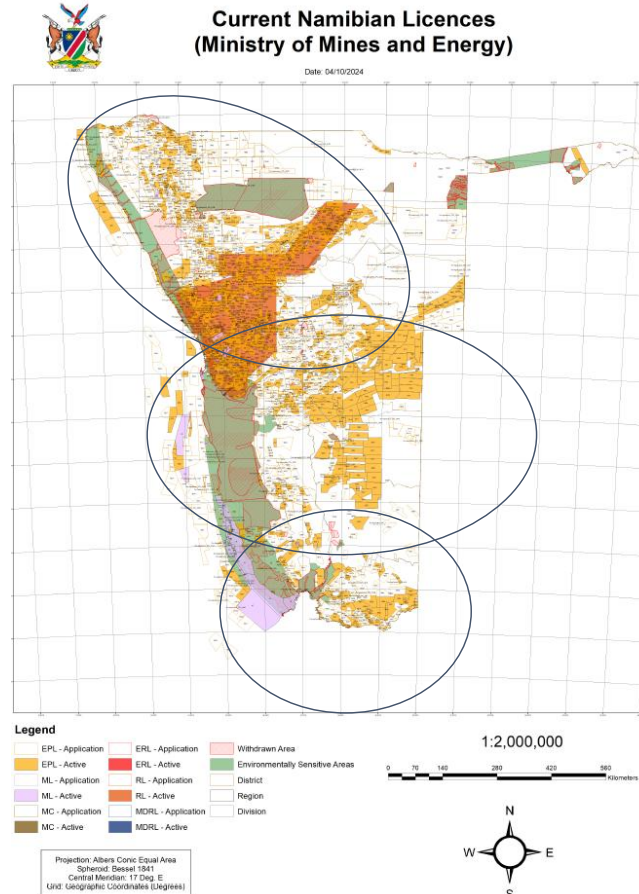
Gold



Lithium



tin, cadmium, zinc, salt and vanadium, etc.



Source: Ministry of Mines and Energy , 2024

Northern Part of the country mostly rich with:

- Base and Rare-Earth Metals
- Industrial Minerals
- Nuclear fuels
- Precious Stones
- Cobalt, Iron ore, Sodalite

Central Part of the Country mostly rich with:

- Copper
- Lithium
- Tin & Tantalum
- Gold
- Manganese, Graphite, Uranium, Salt, Semi-Precious Stones
- Rare Earths

Southern Part of the Country mostly rich with:

- Diamonds (precious stones)
- Rare earth Elements
- Copper, Lead, Zinc, Silver
- Lithium, Tin & Tantalum
- Rare Earths

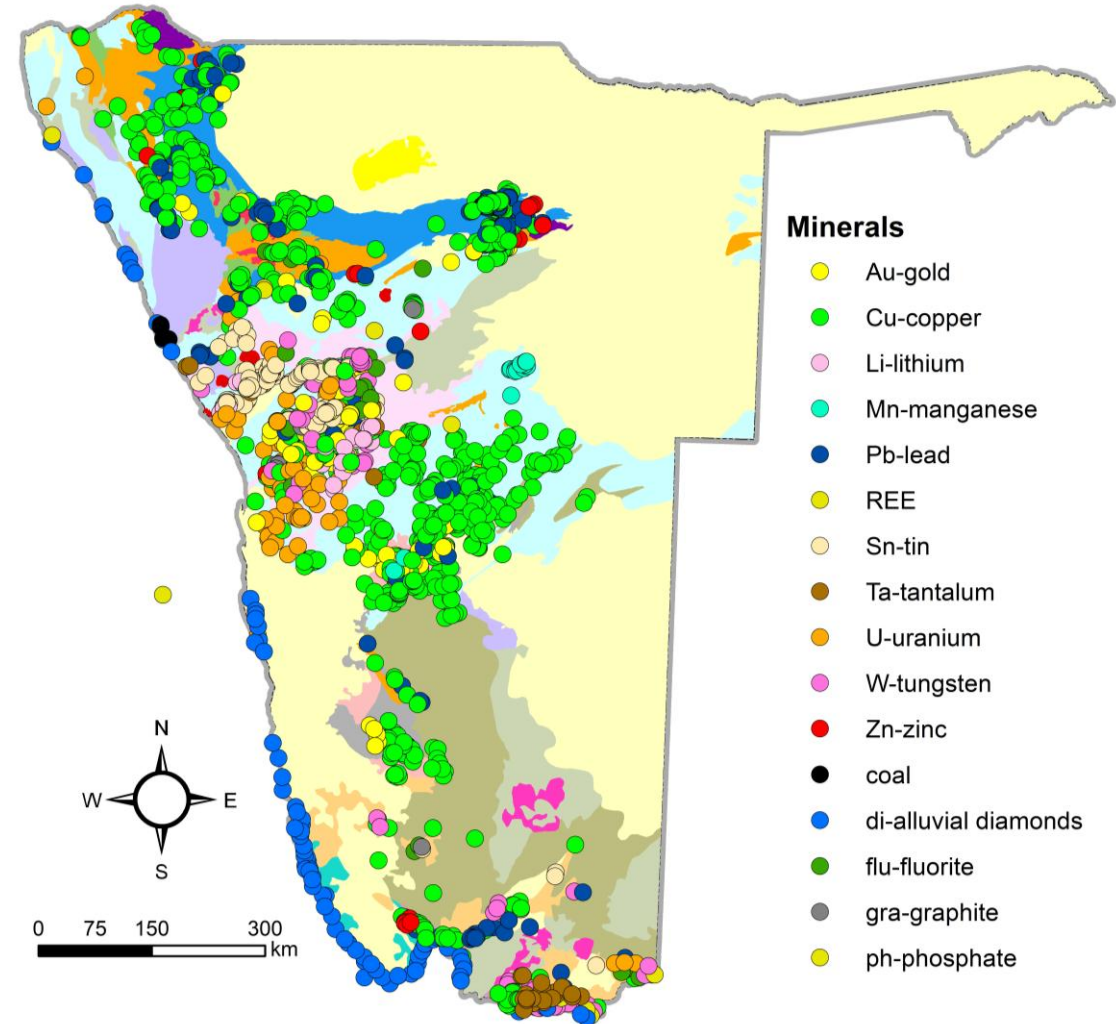
Global Demand for Critical Minerals

According to the International Energy Agency (IEA), getting to net-zero by 2050 will require a **six-fold** increase in mineral input by 2040, some key metals, such as lithium, could see growth rates of **over 40 times**, with nickel and cobalt demand growing more than 20 fold.

CRM Resource Endowment and Reserves

“It begins with the **Geological Survey of Namibia**”

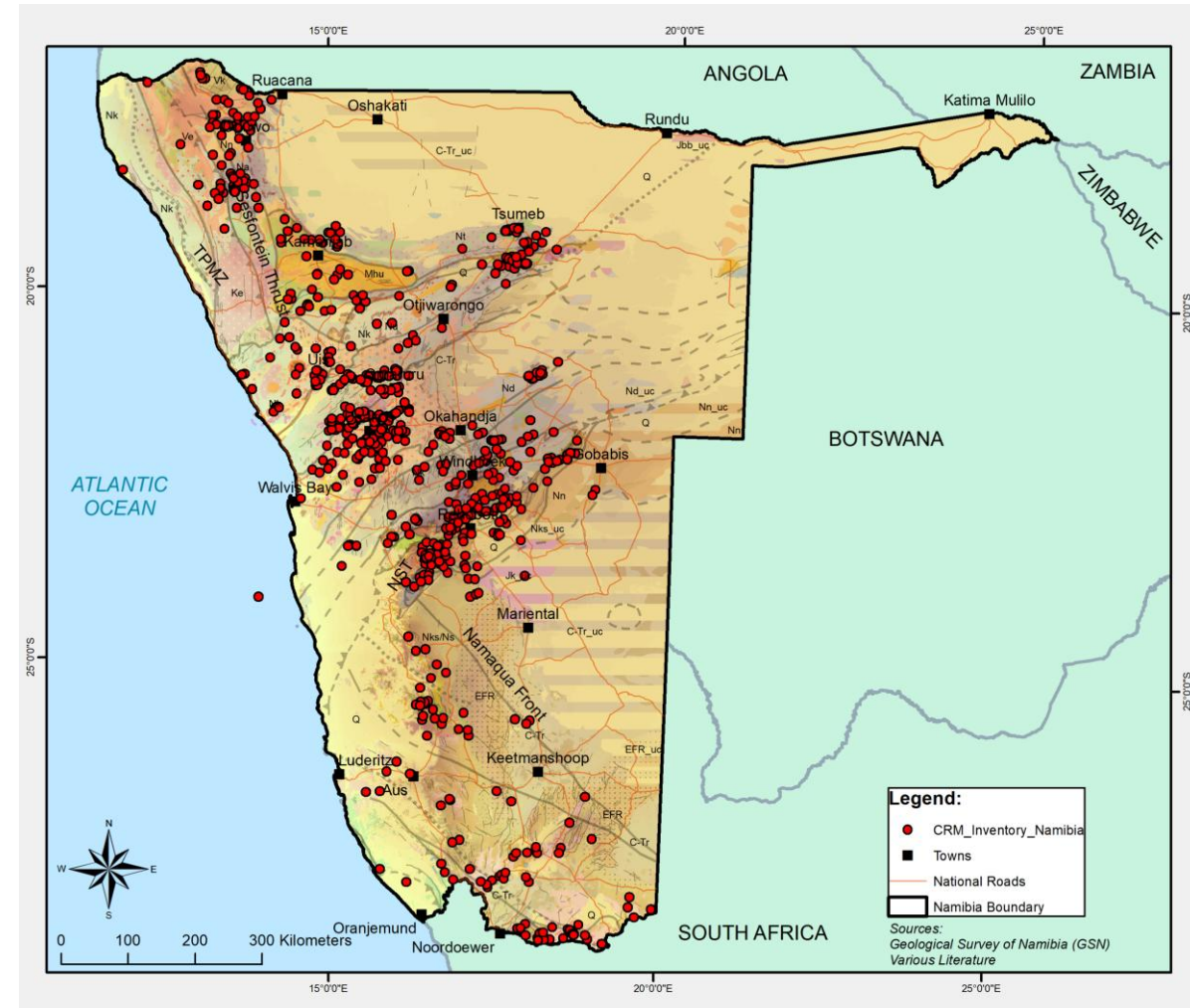
- 100 years of geological data
- Strong geological survey capacity
- Underexplored terrain with high discovery upside
- Digital geoscience access for investors
- Stable mining jurisdiction



CRM Geological Inventory / Exploration Potential

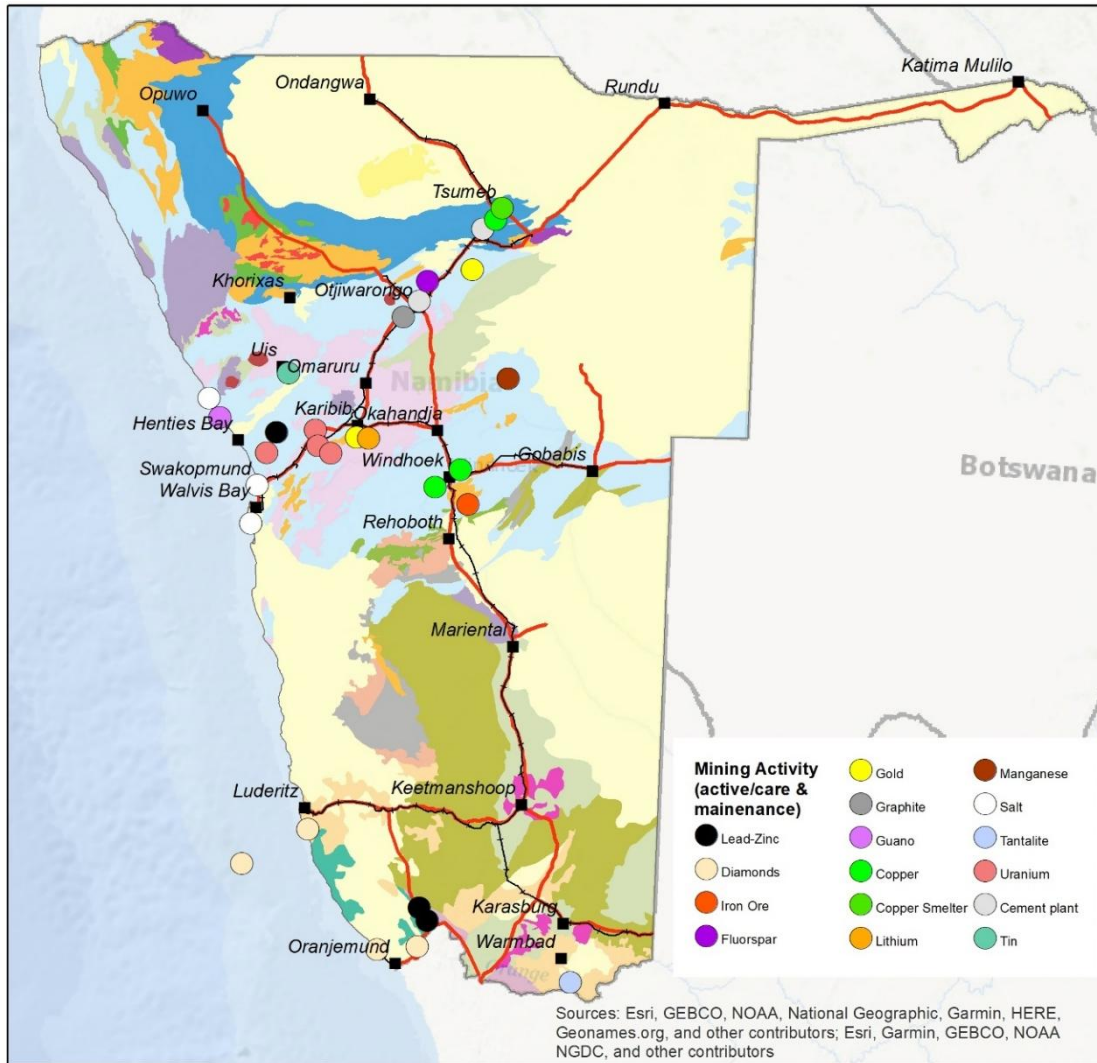
AfricaMaVal project Key findings (2024)

- Started with list of **2640** various mineral occurrences for various commodities
- Reduced to **679** mineral occurrences - to relevant CRMs
- 13 Processing and refining facilities
- 10 Project Fact Sheets on copper, cobalt, nickel, tantalite, REE, lithium, manganese, barite, graphite



Location of the 679 occurrences in the inventory.

Strategic Critical Raw Materials Potential



LITHIUM

Emerging production and processing potential driven by pegmatite-hosted deposits and growing battery mineral demand.

COPPER

Large undeveloped resource base with multiple brownfield restart and development opportunities.

RARE EARTH ELEMENTS (REEs)

Strategic heavy rare earth potential, including dysprosium and terbium, critical for permanent magnets and clean energy technologies.

GRAPHITE

Potential for downstream battery anode material production and regional processing integration.

COBALT & MANGANESE

Strategic battery minerals supporting future regional battery precursor and cathode value chains.

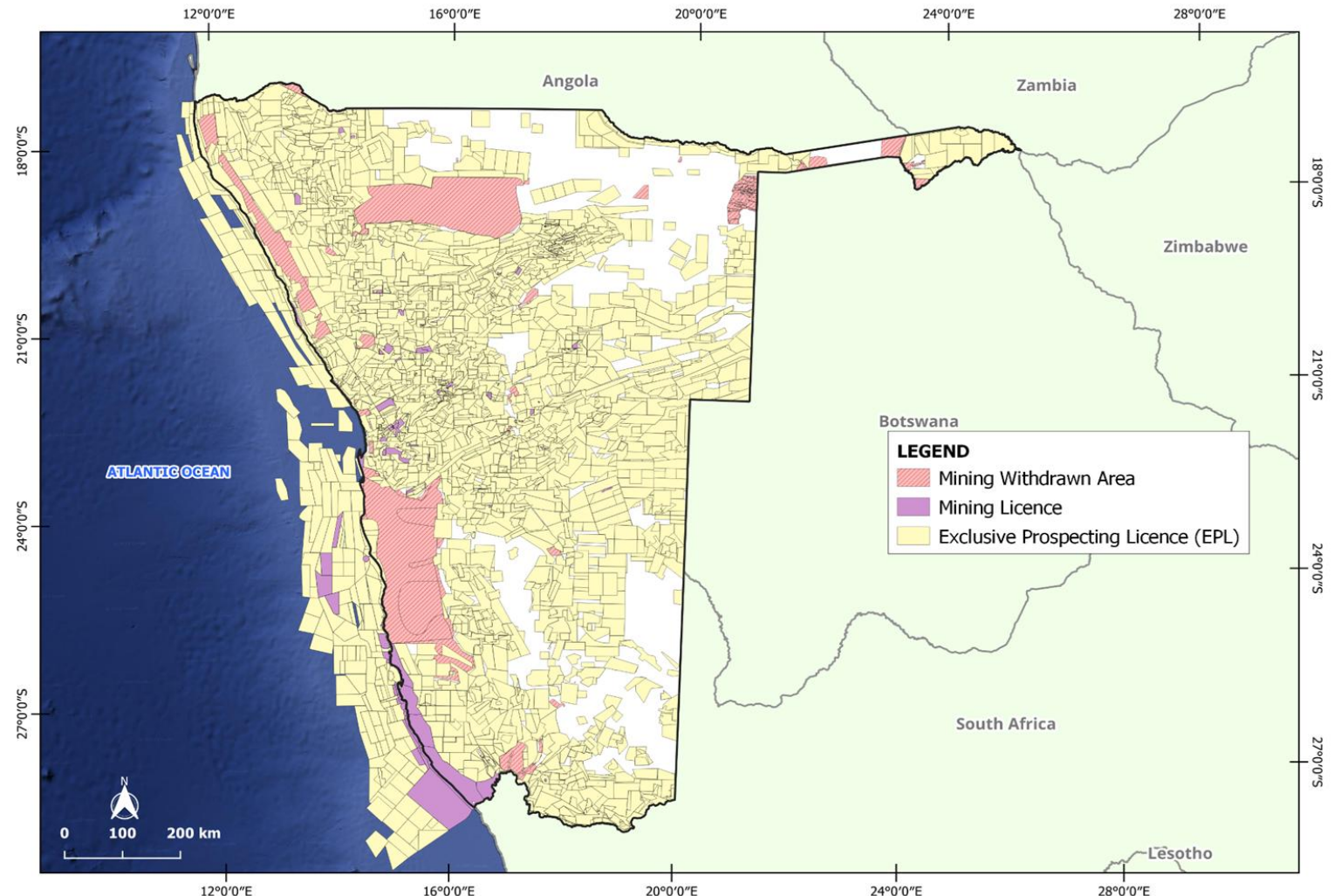
STRATEGIC ADVANTAGE

Namibia combines geological prospectivity, logistics infrastructure, renewable energy potential and political stability to support long-term CRM development.

Exploration Momentum & Investor Activity

As 12 May 2026:

- “Currently, there are **602 EPLs** and **1245 Mining Claims** and only **164 ML** that are **active (2013 licence)**”.
- While in total there are **4922** new application in process, **1598** EPLs majority subject to the ECC; 3294 are MCs and 30 are MLs applications,
- Commonly licensed minerals: **gold, base metals, lithium, rare earths, uranium, and industrial minerals.**
- Licence holders: **individual Namibians, SMEs, junior explorers, and larger mining firms**



Selected Strategic CRM Projects

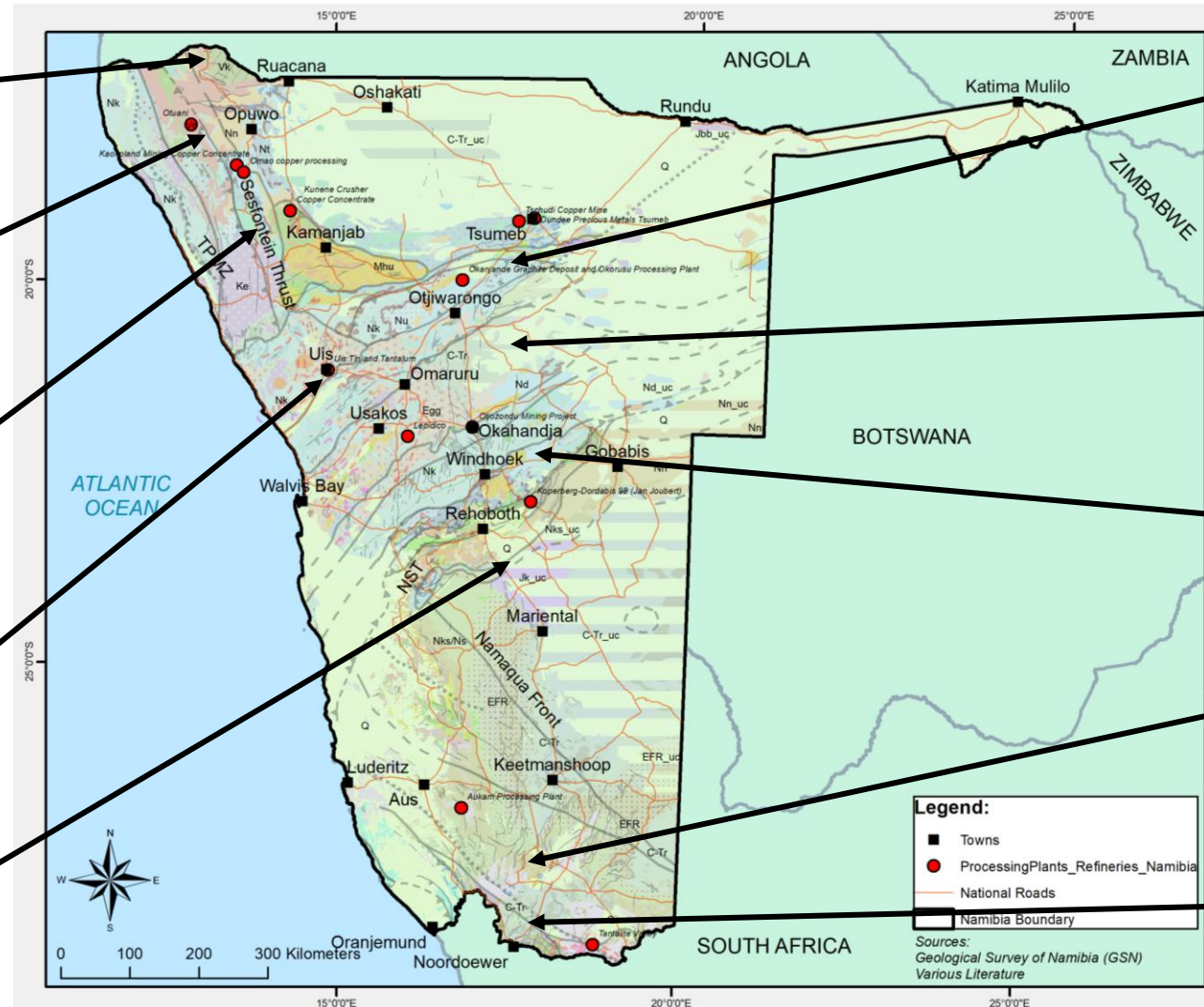
Ondoto REE Project | Namibia Rare Earths / Partners | Northern Namibia | Exploration | Emerging REE exploration project

Opuwo Cobalt Project | Celsius Resources | Kunene Region | Exploration | Large cobalt-copper resource linked to battery demand

Lofdal Heavy Rare Earths Project | Namibia Critical Metals / JOGMEC / Toyota Tsusho | Kunene Region | Pre-Feasibility / DFS | Strategic heavy REE project with dysprosium and terbium potential

Uis Tin & Lithium Project | Andrada Mining | Erongo Region | Operating / Expansion | Namibia's most advanced lithium project with tin production and lithium concentrate development

Bitterwasser Lithium Project | Brines Mining Exploration Namibia | Hardap Region | Exploration | Large lithium brine potential and emerging unconventional lithium resource



Kombat Copper Mine | New Horizon Copper (NHC) | Otjozondjupa Region | Restarted Operations | Historic copper mine reactivated with processing facilities

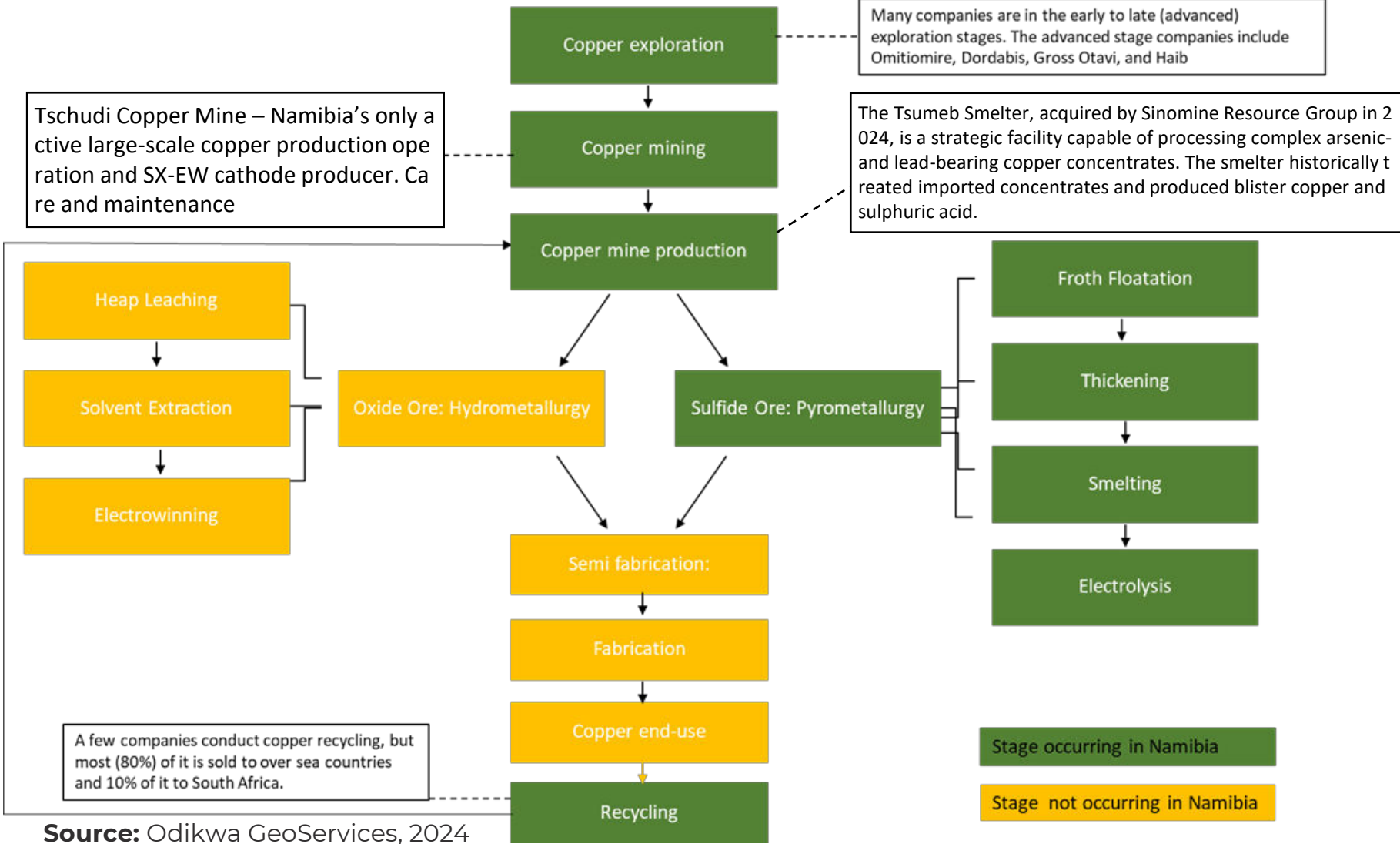
Otjosondju Manganese Project | Otjosondju Mining | Central Namibia | Exploration / Limited Production | Strategic manganese resource

Omtiomire Copper Project | Appian | Omaheke Region | Restart / Development | Brownfield restart project with existing infrastructure

Tantalite Valley Project | Kazera Global | Southern Namibia | Small-scale Production | Producing tantalum concentrate with lithium upside

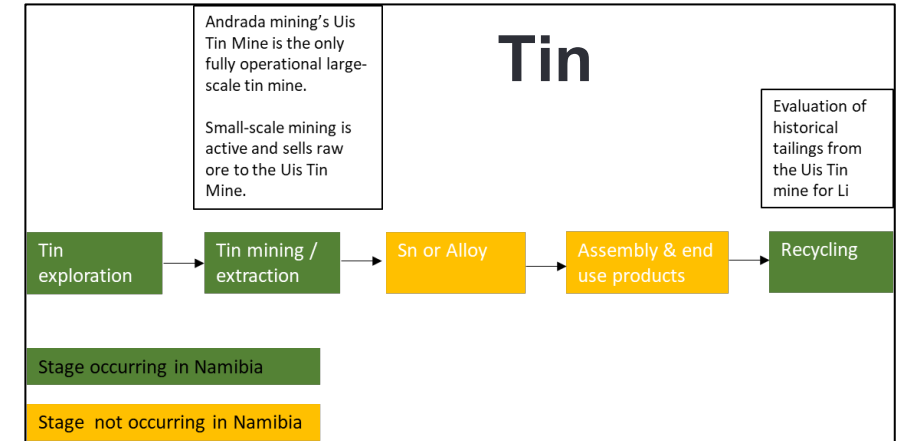
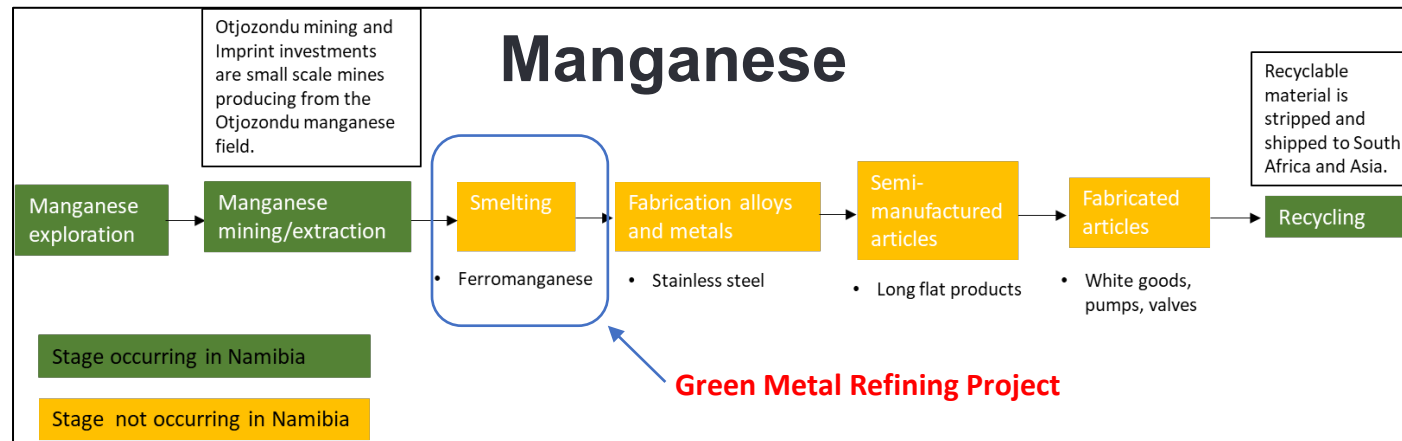
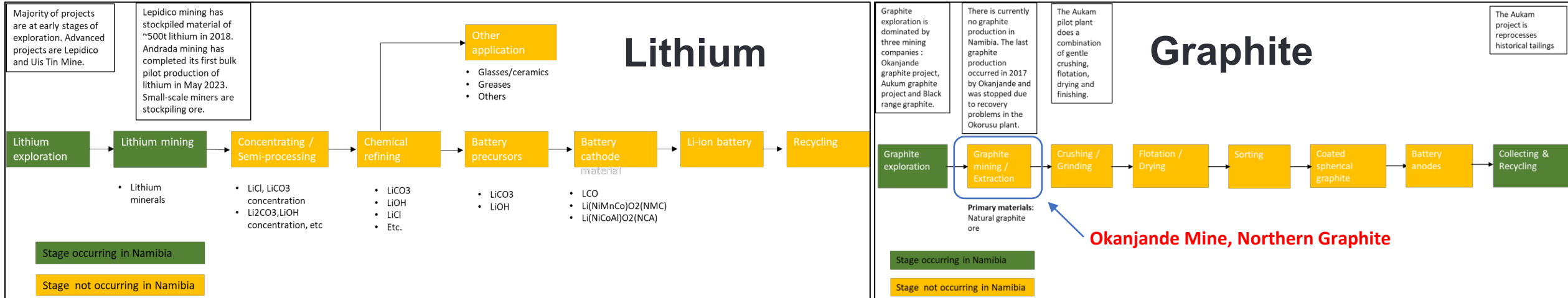
Haib Copper Project | Koryx Copper Inc. | //Kharas Region | Development | One of Namibia's largest undeveloped copper deposits

Processing Value Chain Opportunity



Source: Odikwa GeoServices, 2024

Processing Value Chain Opportunity



Source: Odikwa GeoServices, 2024



Current Mining Operations and Adjacent Activities - CRM

Namibia Mining Sector Overview - CRM

Optional subtitle or short lead paragraph that introduces what this slide covers.

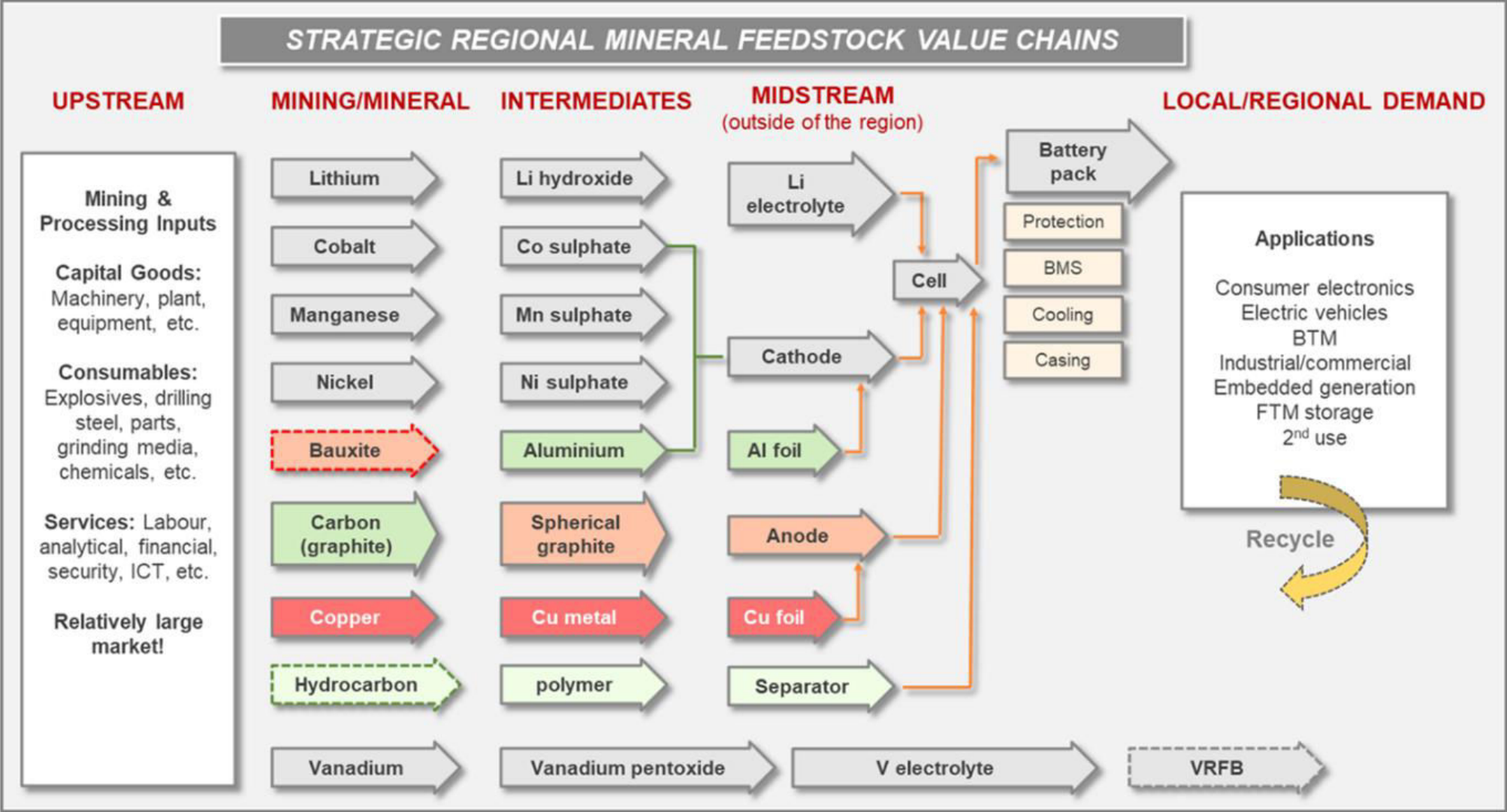
- Leading producer of uranium, diamonds, gold and zinc
- High potential in lithium, cobalt, graphite and rare earths
- Key projects: Andrada, Lofdal REE, Ondoto Rare Earths projects, Broadmind Mining, Haib copper project and Omitiomire, Kombat copper mine, Tschudi, Matchless and Otjihase copper mines, Northern Graphite, Celsius Resources,
- Strategic opportunity through regional integration

**Critical
Minerals
Potential**

**Strong
Exploration
Pipeline**

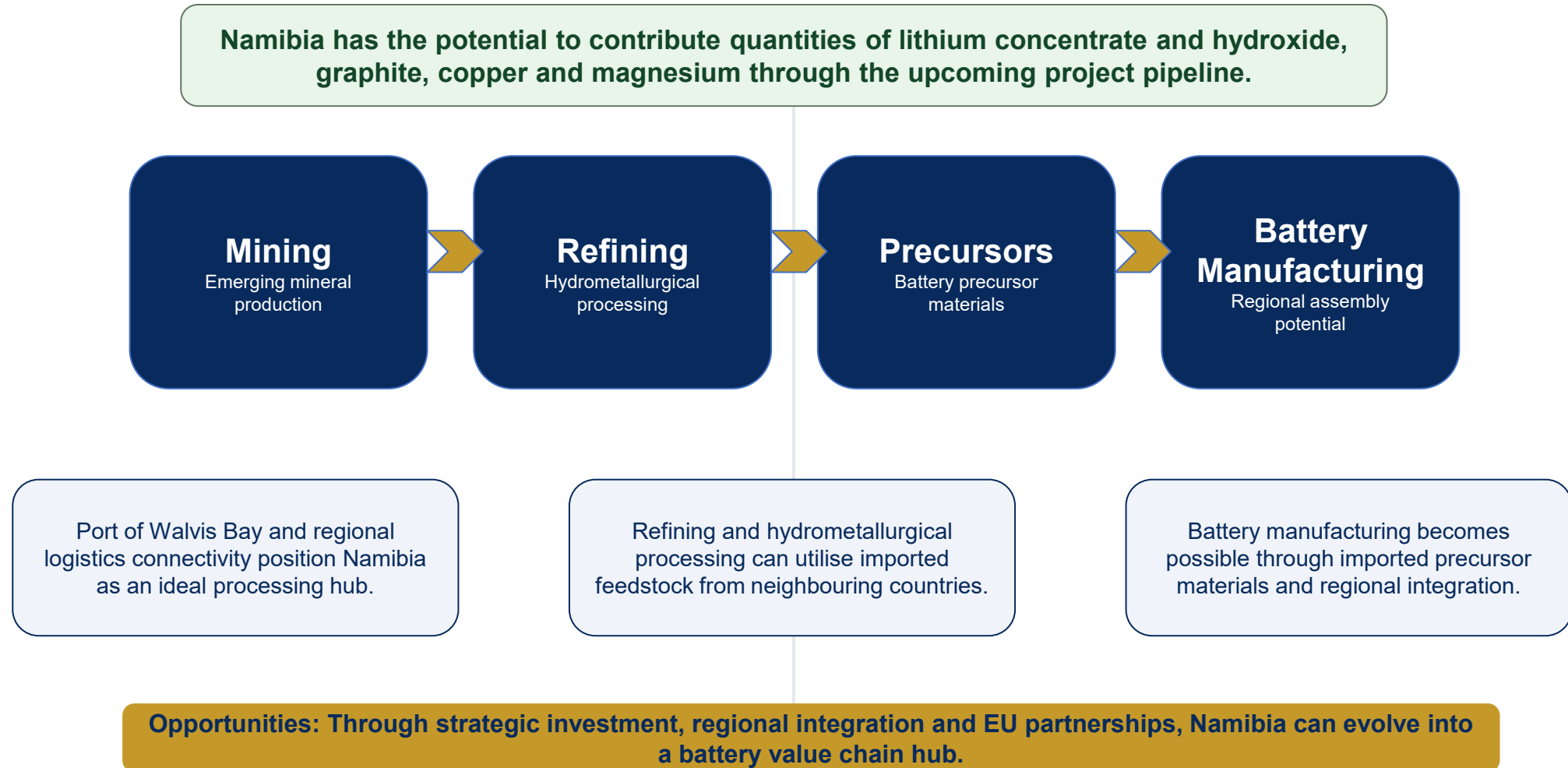
**Regional
Integration**

Battery Value Chain



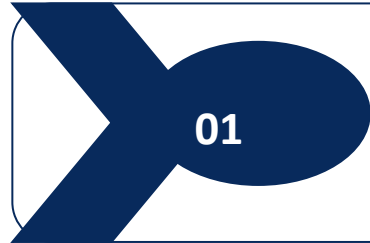
Source: DMT Kai
Balt (Pty) Ltd.

Battery Precursor Value Chain – Opportunities for Namibia

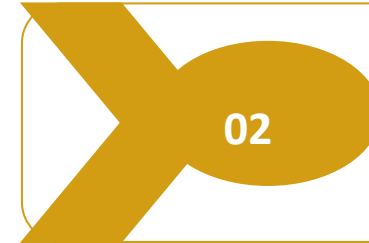


Challenges

Key constraints to advancing beneficiation and value-based industrialisation



01 ENERGY & WATER CONSTRAINTS
Energy and water constraints limiting processing competitiveness and increasing operational costs.



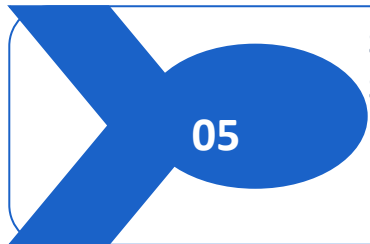
02 INFRASTRUCTURE GAPS
Infrastructure gaps in logistics and bulk transport. Walvis Bay remains a strategic advantage.



03 LIMITED INVESTMENT
Limited investment in midstream processing capacity delays refining and precursor industries.



04 SMALL FEEDSTOCK CONTRIBUTOR
Most projects remain in early exploration stage and require significant investment and R&D.



05 SKILLS & TECHNOLOGY SHORTAGES
Shortage of specialised skills and advanced technologies required for mineral processing.



06 COMMODITY PRICE VOLATILITY
Exposure to global commodity price volatility impacts long-term planning and investment confidence.

Addressing these challenges through strategic investment, regional partnerships, technology transfer and enabling policy frameworks is essential.

Strategic Priorities for EU and Namibia in CRM

01

Develop EU–Namibia refining partnerships

Promote investment and partnerships to establish refining and precursor production capacity in Namibia.

02

Leverage SADC and AfCFTA regional integration

Maximise regional value chains, trade facilitation and market access through SADC and AfCFTA.

03

Invest in energy and logistics infrastructure

Strengthen affordable energy, logistics and transport corridors leveraging Walvis Bay.

04

Enhance technology transfer and skills development

Drive innovation and technical capacity through EU industry and academic partnerships.

05

Unlock early stage projects through EU investment & R&D partnerships

EU investment and collaborative research & development will be crucial in de-risking projects and advancing them to commercial viability.

Namibia can emerge as a reliable and sustainable critical raw materials partner to the European Union.

THANK YOU



Questions, comments, and follow-ups welcome.

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