

NET ZERO ROADMAP

for Copper and Nickel



Climate-Smart Mining



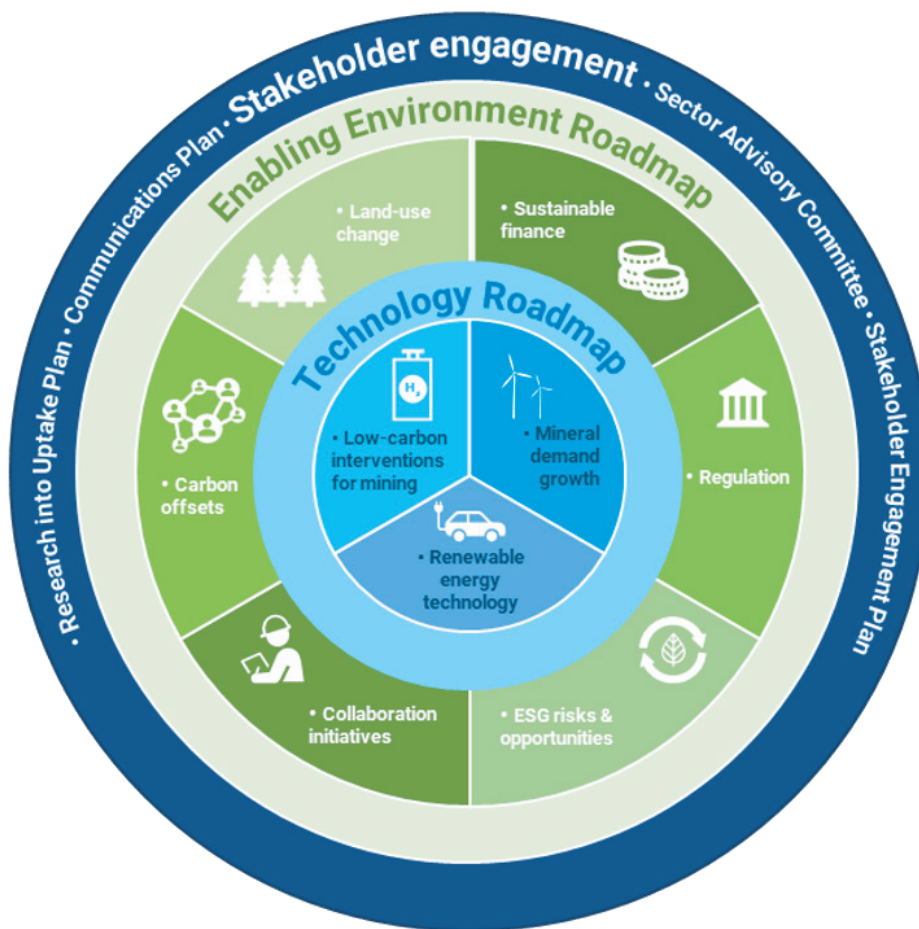
IFC

International
Finance Corporation
WORLD BANK GROUP

The global transition to a low carbon economy is mineral intensive. To achieve a 1.5°C scenario the demand for copper is estimated to grow by 12x and nickel by 16x. As part of the World Bank Group's Climate Smart Mining Initiative, **IFC's Net Zero Roadmaps for Copper and Nickel** helps mining companies decarbonize their operations and value chains in line with with Paris Agreement.

The core roadmap includes

- 1 A technology transition roadmap
- 2 An enabling environment roadmap



Roadmap Highlights



1.5°C ALIGNED



CONSIDERS THE
VALUE CHAIN



TECHNOLOGY
FOCUSED



CONSIDERS
ENABLING FACTORS



SIMPLE AND
ACCESSIBLE



CONSULTATIVE

The roadmap focuses on the renewable technology value chains of copper and nickel, including their -



Exploration



Extraction



Processing



Transport



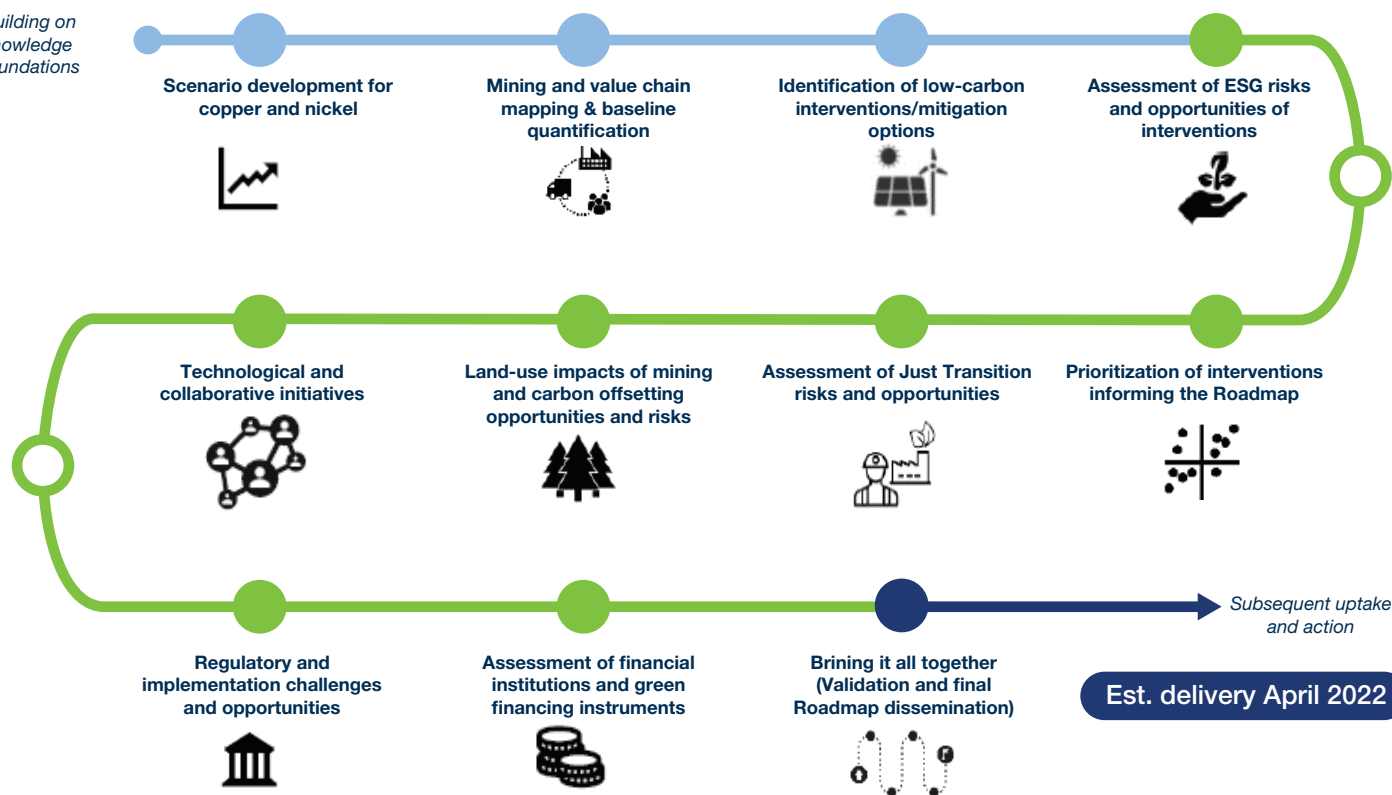
End use



Recycling

Roadmap Components

Building on knowledge foundations



Delivery Partners



World Bank Group's Climate Smart Mining (CSM) Initiative

CSM supports the sustainable extraction, processing and recycling of minerals and metals needed to secure supply for low-carbon technologies and other critical sectors by creating shared value, delivering social, economic and environmental benefits throughout their value chain in developing and emerging economies.

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