

CARBON FOOTPRINT OF NICKEL INDUSTRY AND DEVELOPMENT OF SUSTAINABLE NICKEL VALUE CHAINS

9th China International New Energy Industry Expo, CLNB 2024

31st May 2024

Suzhou, China

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NI does not present forecasts or comments on nickel markets, prices, or supply demand.

We are committed to full compliance with the competition or antitrust laws in all jurisdictions where our members are active.

[NI Guidelines](#) provide an overview of areas of legal risk.

All participants in NI activities share responsibility for adherence to the Guidelines.

If any doubt exists about the appropriateness of specific discussions or activities, legal advice should be obtained before they are undertaken.

NI is committed to antitrust compliance.

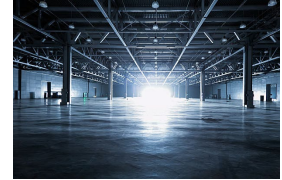


SUSTAINABILITY REQUIREMENTS

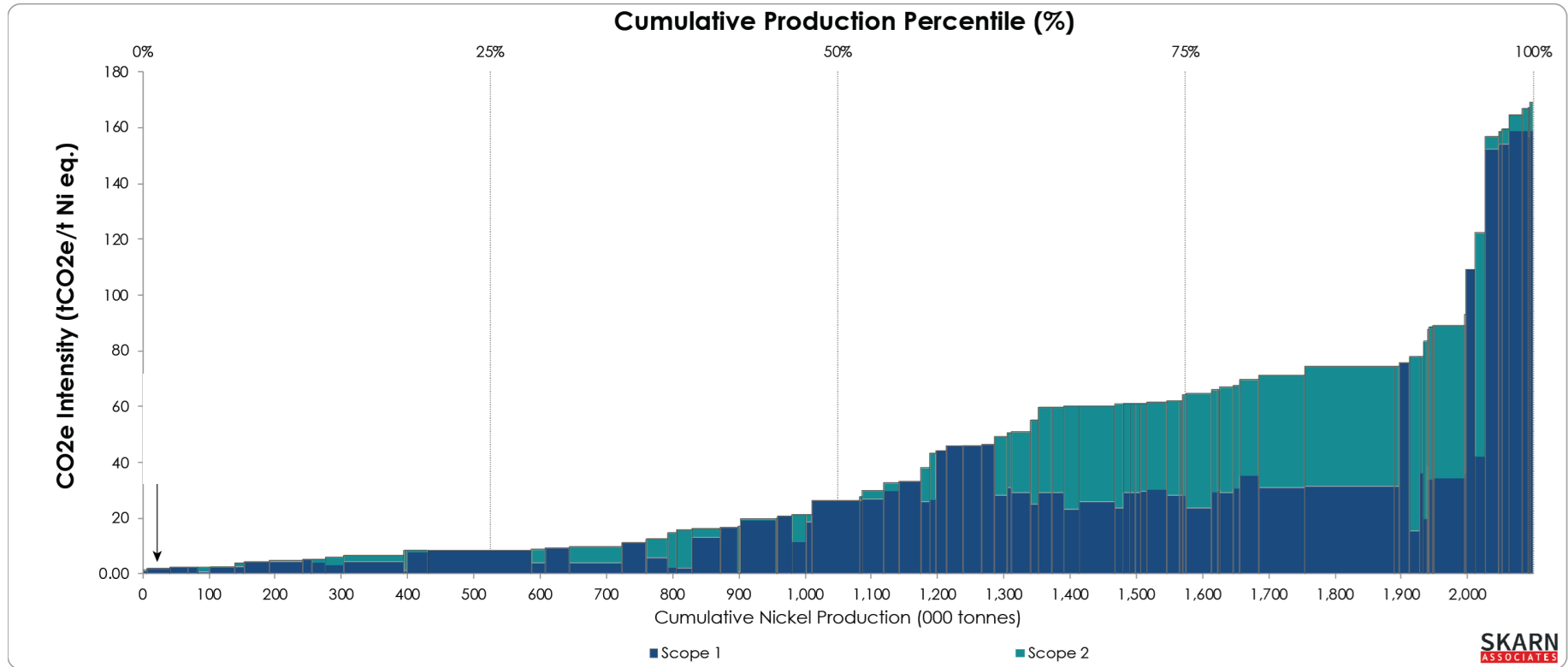


SUSTAINABILITY ASPECTS NICKEL EV BATTERIES & STAINLESS STEEL

- Enough nickel reserves to satisfy demand globally?
- Environmental, social and governance issues related to nickel mining and refining?
- Carbon footprint of nickel production and products?
- Lifetime performance?
- End of life management?



NICKEL CARBON FOOTPRINT: STRONG VARIATION BETWEEN PRODUCERS



<https://www.pressebox.com/pressrelease/swiss-resource-capital-ag/Canada-Nickel-Announces-Industry-Leading-Low-Carbon-Footprint/boxid/1061650>

INTERESTED STAKEHOLDERS



Regulators, authorities

UN, OECD, EU...



Value chain initiatives

ResponsibleSteel, drive sustainability



Public-private partnerships

Global Battery Alliance



Customers

Battery producers, downstream users stainless steel



Investor community

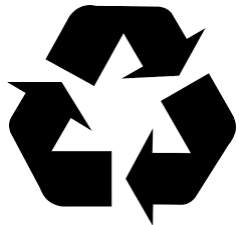
Sustainable investment



Trade platforms

LME

NICKEL AND SUSTAINABILITY: REQUIREMENTS



ESG Due Diligence

Ensure that ESG risks are identified and managed in a structured way through accepted ESG standards

GHG Emissions production

Show carbon footprint of nickel production according to agreed standards and protocols

Carbon footprint

Demonstrate overall GHG benefits of nickel containing articles

Recycling

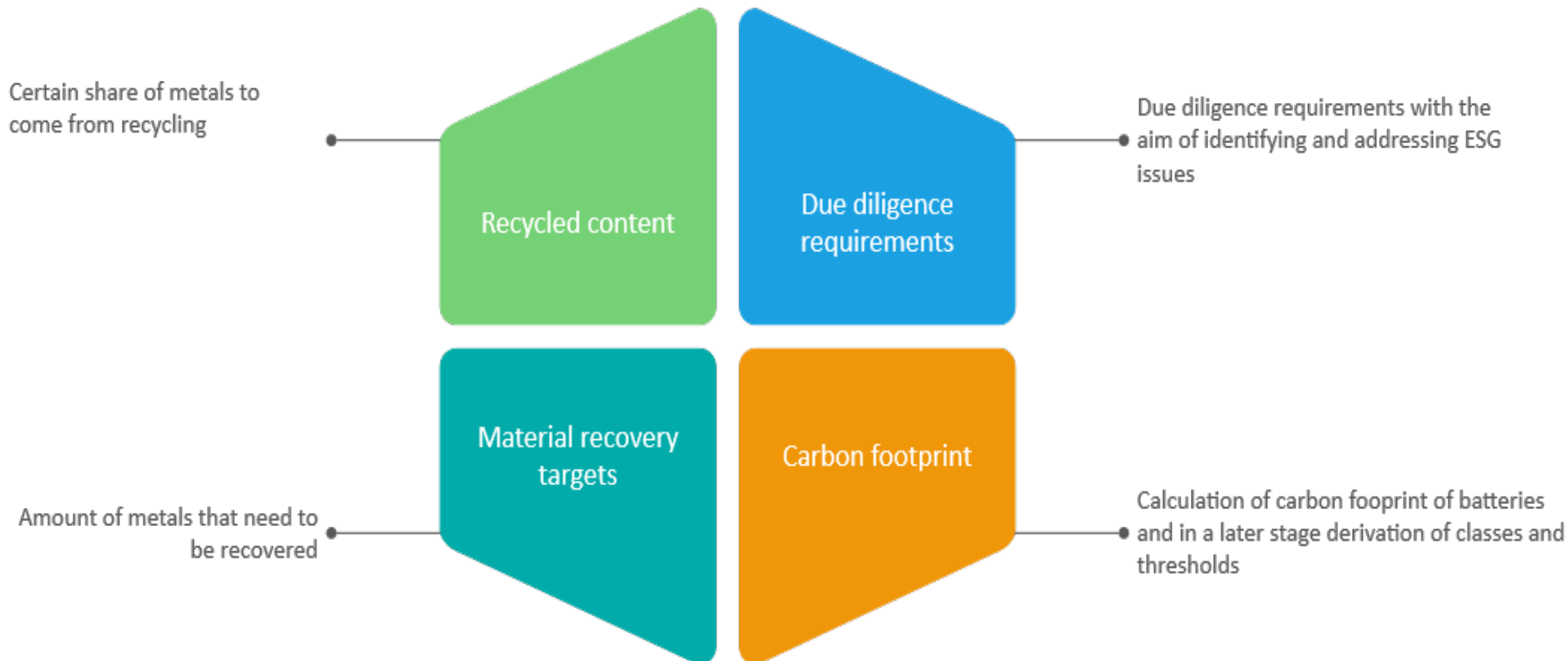
Demonstrate that nickel is efficiently recycled and there is no harm resulting from disposal

EU BATTERY REGULATION



RELEVANT ISSUES FOR NICKEL PRODUCERS

Carbon footprint, due diligence, recycled content and material recovery targets the most important issues for Nickel producers



THE RELEVANCE FOR NICKEL PRODUCERS GLOBALLY

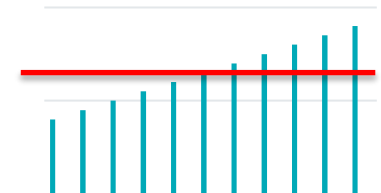
- Battery regulation applies to all actors in batteries placed on the EU market
- Nickel producers globally are affected when supplying their nickel for the production of batteries placed on EU market
- Companies placing batteries on EU market need to show compliance



CARBON FOOTPRINT (CF) REQUIREMENTS

For EV Batteries, verified carbon footprint data have to be provided

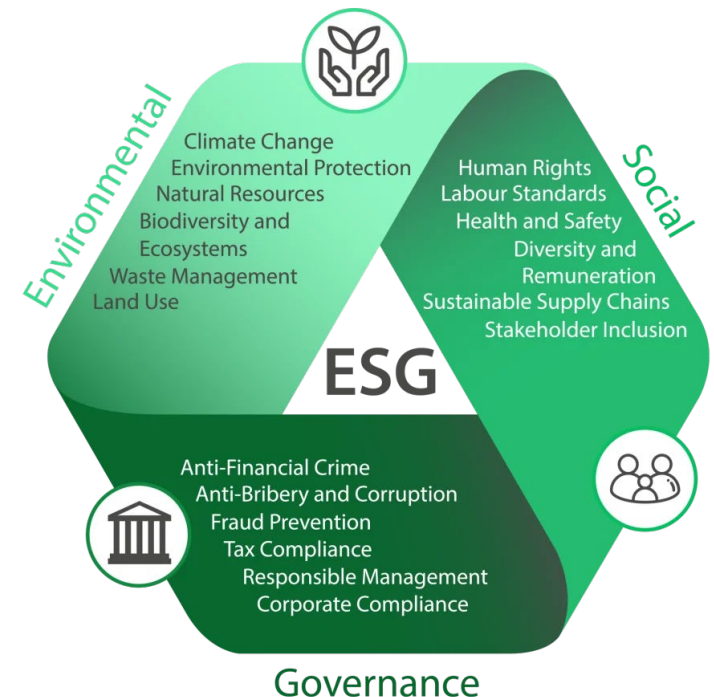
- CF calculation and verification methodology: Guidance under development
- CF performance classes: definition of performance classes for EV batteries
- Carbon footprint thresholds: maximum carbon thresholds that EV batteries must meet to be placed on the EU market



ESG DUE DILIGENCE REQUIREMENTS

Companies to demonstrate compliance with agreed ESG principles and guidance

- Risks, guidance and international agreements to follow and timelines
- Secondary legislation to define specific requirements
- EC guidelines to be adopted in February 2024 and to apply by August 2025
- Schemes to apply for recognition by European Commission. Publication of list of schemes that are accepted



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