ELVALHALCOR

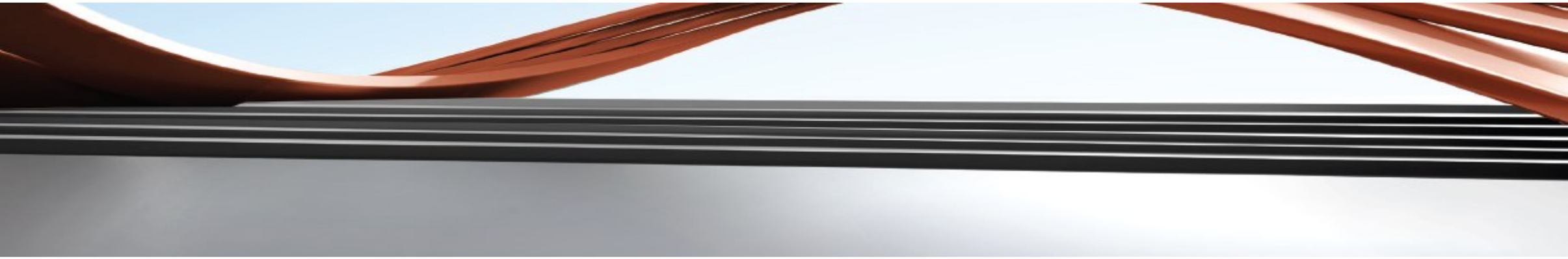
HELLENIC COPPER AND ALUMINIUM INDUSTRY S.A.

Sustainability in Metals Manufacturing: Role of Renewables, Energy reduction and other critical contributors

George Mavraganis
Strategic Planning and Sustainability Senior Manager

ElvalHalcor at a glance:
Key figures

A Greek-based leading global player
in the non-ferrous metals industry.



3.7
€ billion
revenue (2022)

3.4
€ billion
total exports (2022)

271
€ million
a-EBITDA (2022)

581
thousand tons
volume of sales

>900
€ million
investments during
the last 10 years

No.3
Flat rolled aluminium
producer in Europe
(by volume)*

No.1
copper tubes
producer in EMEA
(by volume)**

94
countries
Products
are shipped

15
state of the art
Production
plants

* Verified by CRU / ** Based on Cu2 Consulting estimates

Sustainability Strategy

Committed to sustainable growth.

A comprehensive strategy with the aim of the integrated management of all environmental, social and governance risks.

Strategic pillars

Energy transition

Progressive transition to the use of RES for electricity needs.

Carbon footprint

Short and long-term goals for reducing carbon footprint.

Health and Safety

5-year plan for continuous improvement of health and safety of our people.

Supply chain

Responsible supply chain management and supplier assessment, based on sustainability criteria. Strategic partnership with the EcoVadis ratings platform.

Environment Social Governance

ESG risks mitigation is a priority for the Company's responsible operation.

Environment

- Support sustainable products decarbonization technologies and circular economy
- Continuous improvement of our environmental carbon footprint
- Apply responsible practices and preventive actions

Social

- Prioritize on the health and safety of our people
- Support local communities
- Empowering our people

Governance

- Responsible business practices
- Protect data privacy
- Integrity Hotline

Matching the Megatrends.
Enabling the transition to climate neutrality.

Packaging.
Automotive.
Building & Construction.

Contributing to a circular economy

Accelerating towards a low-carbon future

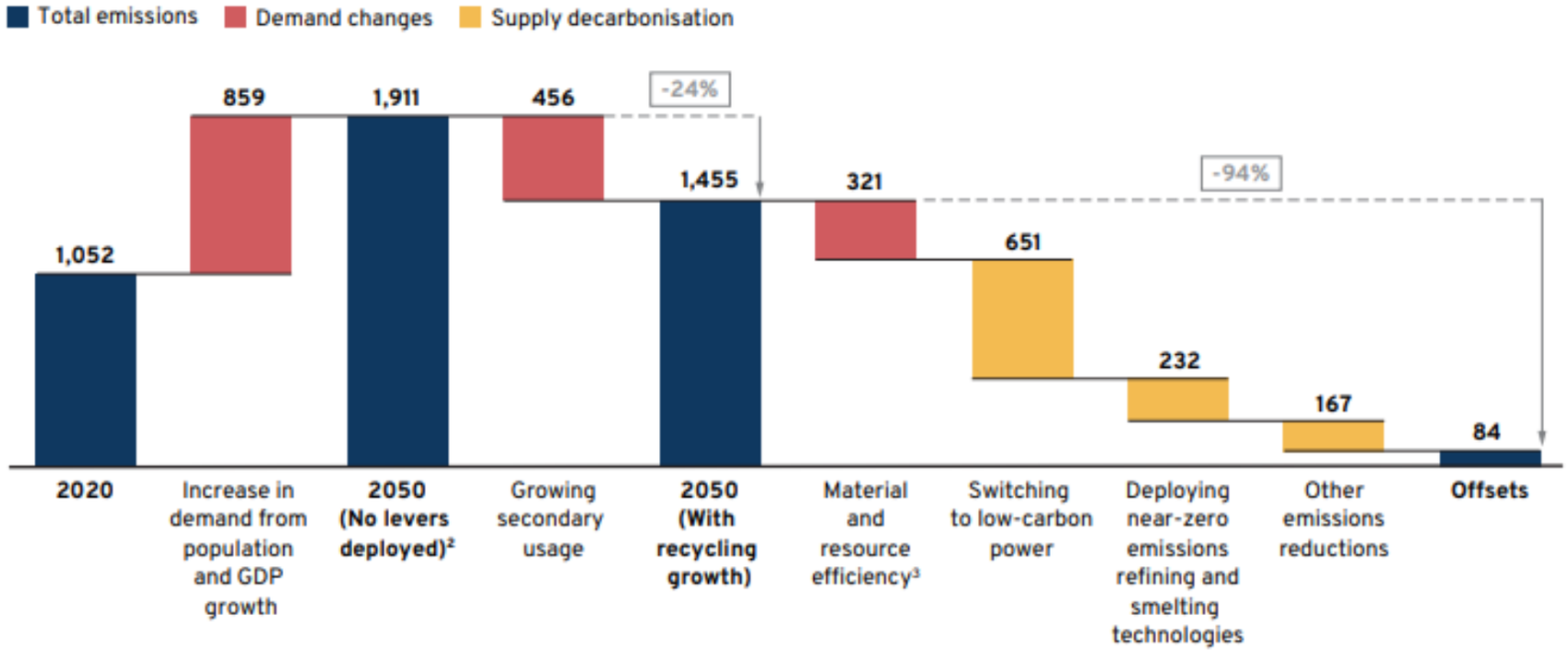
Achieving energy efficiency and safety

Decarbonization
Challenges and opportunities

EXHIBIT A

A low-carbon aluminium sector is possible by 2050

Emissions for the aluminium sector,[1] Mt CO_2e/y



[1] Includes all direct and indirect emissions along the value chain for primary and secondary aluminium production (i.e., mining, alumina refining, aluminium smelting, anode production, casting, fabrication, recycling, and transport).
[2] Based on the IAI's Reference scenario, except for primary/secondary production ratio, which is assumed constant between 2020 and 2050; 2020 carbon intensity of aluminium assumed constant.
[3] Based on demand projections from the IAI's 1.5°C scenario.

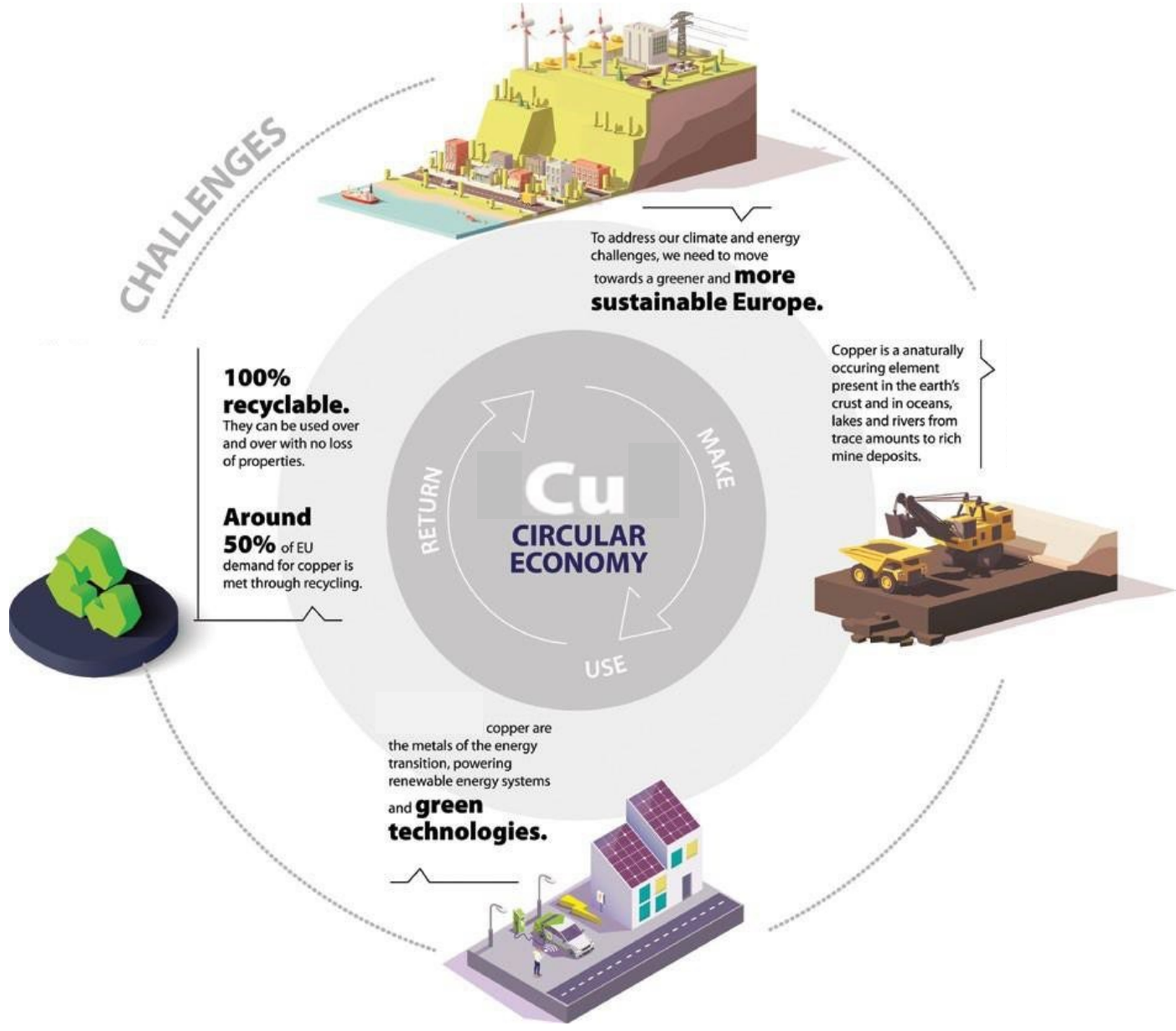
Source: IAI Material Flow Model (2021); Aluminium Sector Transition Strategy Model (2022)

Copper is important for Sustainability

Global effort for reduction of environmental footprint leads to increased demand for sustainable, permanent materials like copper.

Copper is 100% recyclable without loss of properties, making it a material of choice to support a Circular Economy.

Concept of Circular Economy is to minimize waste and maximize use of resources. Copper boost recycling's impact.



Source: European Copper Institute

Copper’s key role
for a sustainable world

In many modern applications

Durable, malleable, with high thermal and electrical conductivity

100% Recyclable

Copper can be recycled infinitely without losing its properties or performance

Antimicrobial properties

A safe material that helps eliminate dangerous microbes from surfaces

Thank You

elvalhalcor.com