

## Creating Value Through Decarbonisation and the Circular Economy

Macquarie Australia Conference

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## **Market Influences**

#### Decarbonisation, Regionalisation and Technology

Climate & Regulatory	Geopolitical	Fourth Industrial Revolution
<ul> <li>Decarbonisation, electrification and energy transition</li> <li>Heightened environmental controls</li> <li>Green DRI not currently commercially competitive vs scrap metal</li> </ul>	<ul> <li>Regionalism and protectionism</li> <li>China transition from construction growth</li> <li>War in Ukraine</li> <li>Global growth pivoting to India</li> </ul>	<ul> <li>Acceleration of AI technology</li> <li>Cloud demand to rise further</li> <li>Environmentally conscious SaaS providers</li> </ul>



## **Recycled Metal**

#### Supply to lag demand

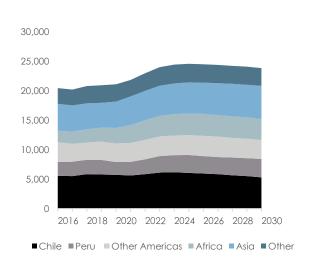
#### **FERROUS**

An electric arc furnace can be charged with ~100% scrap. A basic oxygen furnace is limited to ~30% scrap<sup>1</sup>

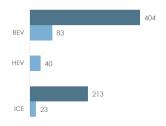
Global steel scrap demand is projected to grow ~3.3% through 2030 vs supply at  $3.0\%^2$ 

#### **NON-FERROUS**

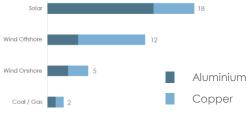
#### Global Copper Mine Supply<sup>3</sup> (000t)



### Metal Intensity By Passenger Vehicle Transmission type (Kg/Unit)<sup>4</sup>



#### Metal Intensity By Power Generation Type (tonnes/MW installed capacity)<sup>4</sup>





<sup>1</sup> World Steel Association

<sup>2</sup> Modified from Shortfalls in Metal will challenge the steel industry; March 2024; Boston Consulting Group. Percentage 2021 to 2030 global demand and supply forecast

<sup>3</sup> Company reports, Bloomberg, Kallanish

<sup>4</sup> Source: ICA, CRU, Ducker Carlise, note: BEV = Battery Electric Vehicle; HEV = Hybrid Electrical Vehicle; ICE = Internal Combustion Engine

## **Structural Change**

EAF demand. Shifts in scrap flows to impact Turkey

#### EAF Capacity (% of total ferrous production)<sup>1</sup>

	2014	2023	2028
US	67	75	79
ANZ	16	25	50
UK	22	19	50

#### Export Projections & Change (Mt)<sup>2</sup>

	2021 (Total)	2030 (Change)
EU	~19.5	(~4.5)
US	~18.0	(~7.0)
Canada	~4.9	(~2.0)
Japan	~7.3	(~2.0)
UK	~8.3	(~1.3)
Russia	~4.1	(~1.1)

#### Competitor Landscape In Metal Regions





Concentrated



<sup>1</sup> Internal estimates

<sup>2</sup> Modified from Shortfalls in Metal will challenge the steel industry; March 2024; Boston Consulting Group. Percentage 2021 to 2030 global demand and supply forecast

## Simplification

Improve execution, greater adaptability and resource optimisation

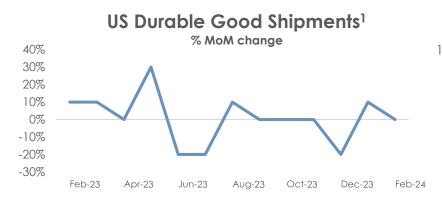
#### STRATEGIC ELEMENTS

Customers	Innovative & Agile	Operational Efficiency	The Strength of Our Network	Investing Responsibly
Suppliers and end users	Low-cost structure	Safety & sustainability	Domestic channels	Cash generation
Trusted reliable partner	Data informed	Asset utilisation Unprepared material at value	Efficient supply- to-customer delivery pathways	Efficient working capital Capital management

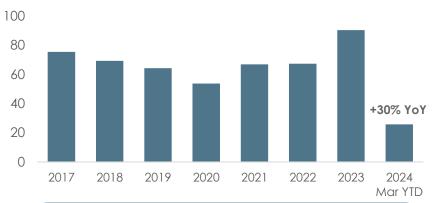


## Ferrous Scrap Markets

Tight supply and challenging steel markets impacting all our metal markets







**US Durable Goods** shipments have declined 9 of the last 13 months

Average age of US **Passenger Cars** up 18% in 8 years. Now 13.6 years<sup>3</sup>

Chinese steel exports exceed pre-Covid years



<sup>1</sup> US Census Bureau 2 Bloombera

<sup>3</sup> Statista

## **Operating Focus**

#### NAM: Early positive outcomes

#### **Performance Improvements Initiatives**

- Margin focused; price discipline implementation; removed volume targets
- Reward unprepared scrap in buyer incentive program
- Barging for domestic sales delivery
- Increased low-copper shred volumes
- · Implementation of cost-out program
- · Leadership changes in key buying and selling roles
- Stopped sourcing from low-margin dealers
- Enhanced reporting for transparency on sales and buying activity





Trading Margin Percentage 2H24 vs HY24





<sup>1</sup> Unprepared: Ferrous scrap in various forms that requires further processing such as shredding, shearing or torch cutting to meet customer requirements

<sup>2</sup> Ratio of unprepared scrap metal to total intake volume

<sup>3</sup> Ratio of domestic ferrous sales to total sales volume

## **UK Metal**

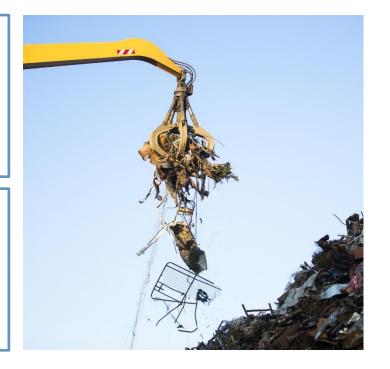
Strategic review on track. Operating initiatives implemented.

#### **Strategic Review**

- Process on track
- UK Metal well positioned to capitalise on EAF shift
- Optionality: sale; JV/partnership; retain and restructure
- Strong interest
- Focus on best value outcome

#### **Operational Improvement**

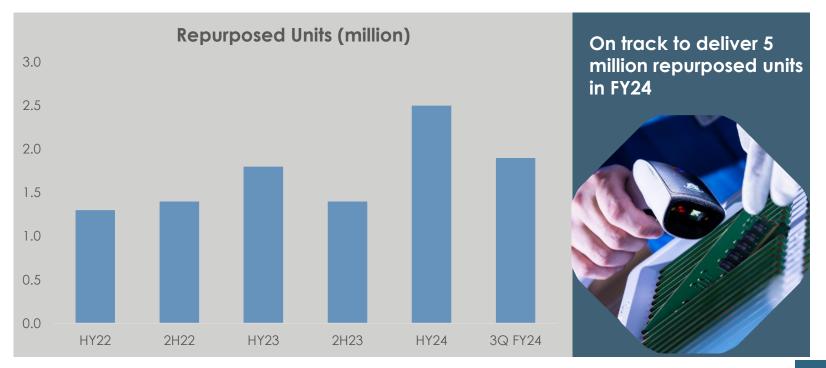
- Closure of unprofitable sites
- Plant and facility cost savings
- Development of innovative products for future EAF demand
- Yield and product quality improvements in non-ferrous





## Sims Lifestyle Services

Continue to grow repurposing business model



# Create a world without waste to preserve our planet

Driving value through a purpose-led strategy

We enable the re-use of finite natural resources and the decarbonisation of our customers' supply chain, directly creating measurable positive impact for individuals, communities, industry and governments.

