



#### PRESENTATION TO EUROZ HARTLEYS INSTITUTIONAL CONFERENCE

IGO Limited (ASX: IGO) (**IGO** or the **Company**) is pleased to attach a copy of the materials presented by Managing Director and CEO, Peter Bradford at the Euroz Hartleys Institutional Conference which is being held on Rottnest Island this week.

The presentation concentrates primarily on the delivery of the Company's clean energy metals focused strategy and its joint venture with Tianqi Lithium Corporation as well as its approach to people, culture and sustainability.

This announcement is authorised for release to the ASX by Peter Bradford, Managing Director & CEO

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# **IGO Limited Euroz Hartleys Institutional Conference**

8 March 2022

## **Our Strategy**

Our Purpose of Making a Difference has underpinned our strategy





Our winning aspiration is to be a globally relevant supplier of products that are critical to clean energy, to create a better planet.



PEOPLE

People who are bold, passionate, fearless and fun – a smarter, kinder, more innovative team

## **Our Transformation**

We have transformed our business and the way we work



Transformed Culture

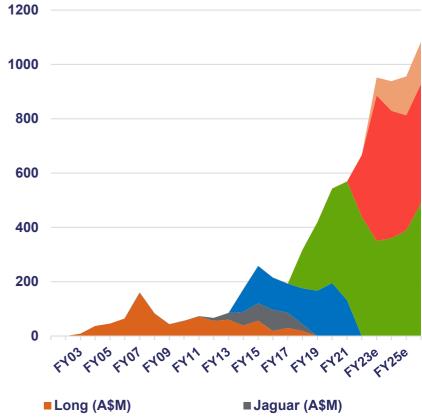






### **3 Transformed Outlook**

#### Historic and Projected EBITDA (A\$M)<sup>1</sup>



Tropicana (A\$M)
 Greenbushes (A\$M)

Jaguar (A\$M)
Nova (A\$M)
Kwinana Hydroxide (A\$M)

### **Our People & Culture**

#### Enduring focus on safety, enhancing wellbeing and strengthening our unique culture





#### **Prioritising safety and wellbeing**

# Focused on attracting, developing and retaining our #1 asset

## Well prepared for the next phase of COVID-19 in Western Australia

## **Our Sustainability Performance**

Global recognition for our leading sustainability performance and reporting





DOW JONES Dow Jones Sustainability Australia Index Dow Jones Sustainability Asia Pacific Index

> Sustainability Yearbook Member 2022

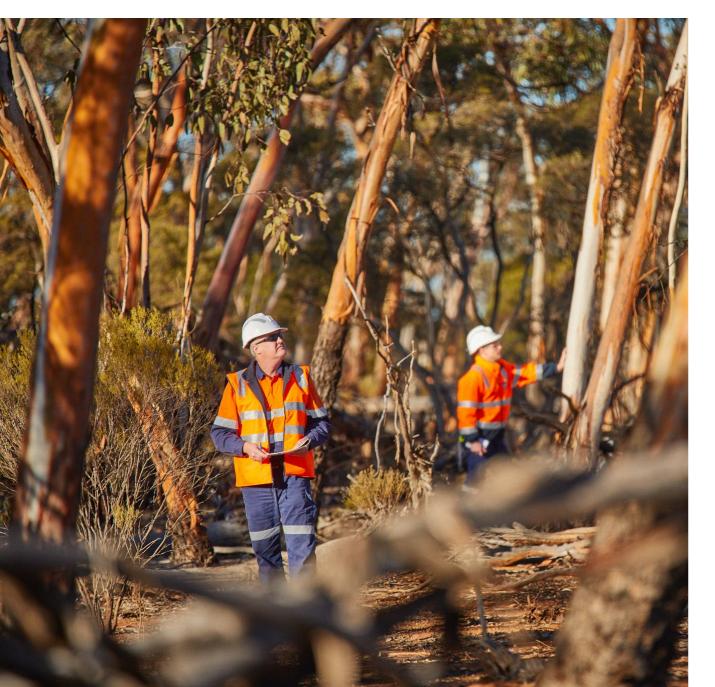
S&P Global

S&P Global 2022 Sustainability Yearbook

ACSI ESG Reporting consistently rated as "Leading"

## **Our Response to Climate Change**

Aspiration to be carbon neutral by 2035



Internal carbon price adopted at A\$60/tonne CO<sub>2</sub>e<sup>1</sup>

Commitment to understanding Scope 3 emissions

Emissions reduction programs underway targeting Scope 1 & 2 emissions

Developing a portfolio of carbon removal and offset projects



## **Nova Solar Farm**

#### Expanding energy generation and storage capacity



10MWh battery energy storage system to complement an expanded Nova Solar Farm

Enables Nova to operate 100% on renewables in "engines off" mode for 9 consecutive hours per day during summer and spring

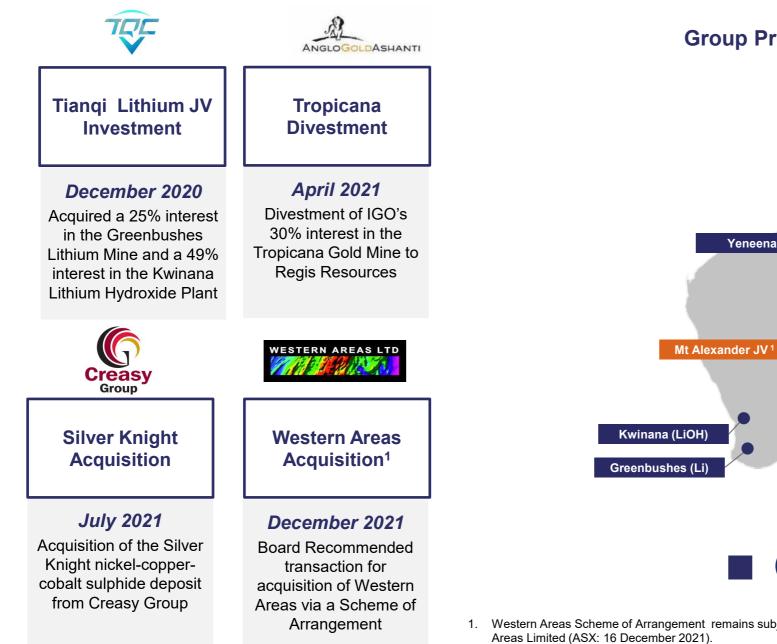
IGO expects a further ~24% reduction in carbon equivalent emissions



## **Our Portfolio**

### Transformation of our portfolio into a 100% clean energy metals focus





#### **Group Production and Exploration Portfolio<sup>1</sup>**



1. Western Areas Scheme of Arrangement remains subject to shareholder approval. Refer to the release Acquisition of Western Areas Limited (ASX: 16 December 2021).

## **Lithium Joint Venture (TLEA)**

IGO:49% | Tianqi Lithium Corporation: 51%

Kwinana Lithium Hydroxide Refinery

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## **Lithium Joint Venture**

### World class lithium portfolio with significant brownfields growth opportunities





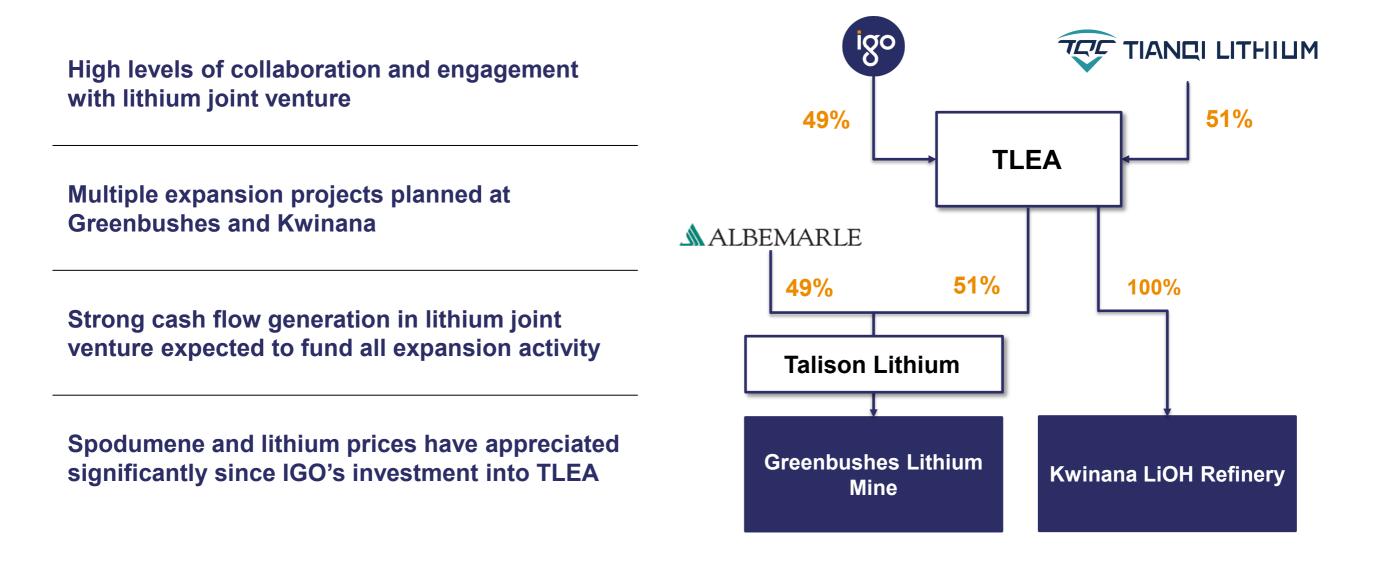


Greenbushes (IGO: 25%) World's lowest cost and highest grade hard rock lithium mine Kwinana (IGO:49%) Australia's first fully automated LiOH plant

## **Lithium Joint Venture**

Excellent progress toward building a globally relevant lithium business



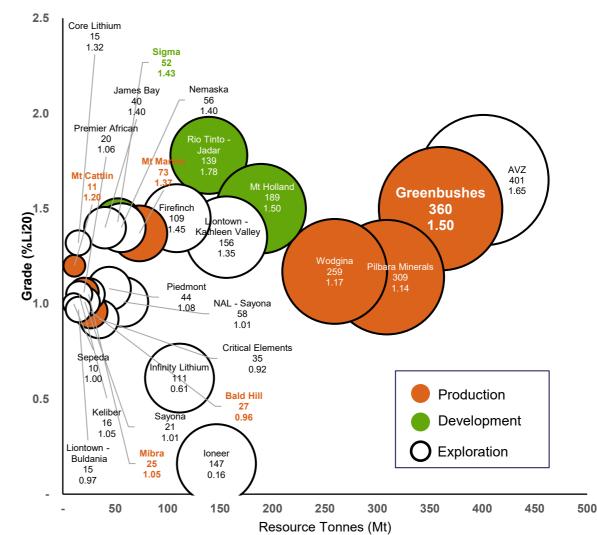


## Greenbushes

### Series of recent catalysts deliver increased value



#### Global Hardrock Lithium Projects<sup>1</sup>



- 1. Data sourced from public filings. Resource estimates for projects other than Greenbushes may have been prepared using different estimation and reporting methodologies. IGO has not verified and accepts no responsibility for the accuracy of resource estimates other than its own. Readers should use appropriate caution in relying on this information
- % increase is based on contained nominal 6% lithia (Li<sub>2</sub>O) comparing the most recent August 2021 Mineral Resource and Ore Reserve and the prior Mineral Resource and Ore Reserve as reported March 2018.

**Resource and Reserve Upgrade** 

- 52% increase to Mineral Resource
- 20% increase in Ore Reserve with the inclusion of the Kapanga Deposit<sup>2</sup>

# Progress of key growth projects to support higher production rates

# Higher lithium prices drive 2H22 revenue price reset to US\$1,770/tonne FOB

## Greenbushes

#### Strong 1H22 operational performance, ahead of expectation



Metric (100% basis)	Units	1H22 Result	FY22 Guidance Range <sup>1</sup>
Spodumene concentrate produced <sup>2</sup>	kt	526	1,100 to 1,250
Cost of Goods Sold <sup>3</sup>	A\$/t sold	346	350 to 400
Sustaining & Improvement Capex	A\$M	73	250 to 300
EBITDA	A\$M	271	Not provided

1. Guidance range for the 12 months ending 30 June 2022, incorporating six months actual to 31 December 2021 and six months forecast to 30 June 2022.

- 2. 100% attributable Greenbushes production, including both technical grade and chemical grade spodumene concentrate.
- 3. Cash cost of production is IGO's estimate of ore mining costs, processing, site general and administrative, selling & marketing, and ore inventory movements, per tonne processed. Assumes estimated chemical grade spodumene price of US\$1,770/t throughout 2H22.

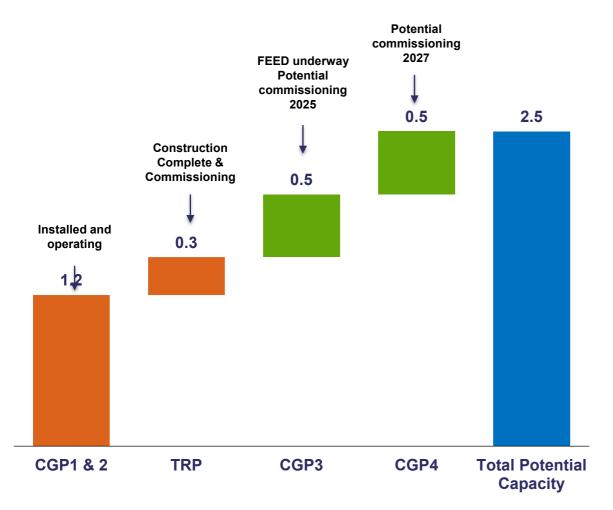


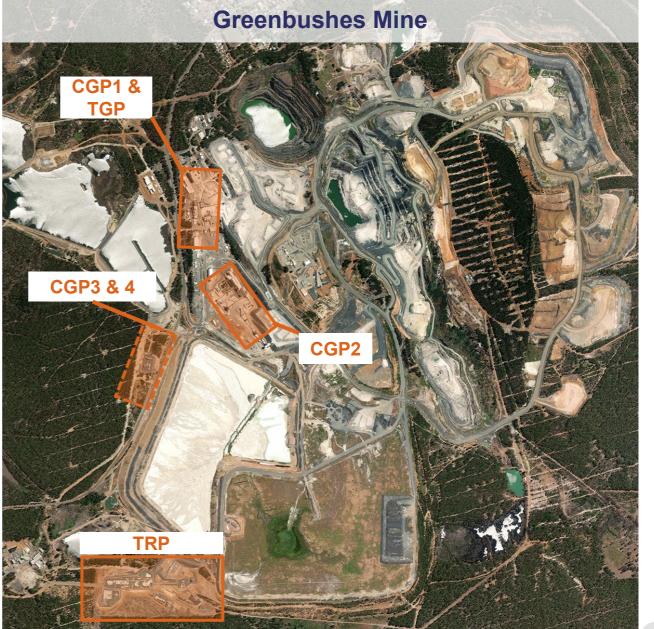
## Greenbushes

### Expanding production capacity to meet strong global demand for lithium products



Spodumene concentrate capacity expansion (Mtpa) (All expansion activity funded internally)





1. CGP: Chemical Grade Plant

2. TGP: Technical Grade Plant

3. TRP: Tailings Retreatment Plant

## **Kwinana Lithium Hydroxide Refinery**

**Key milestones since IGO's involvement** 



Train 1 construction completed in 2019, then mothballed until commissioning commenced in mid-2021

Rectification and commissioning commenced in mid-2021

First lithium hydroxide from Train 1 produced in August 2021 on a batch basis

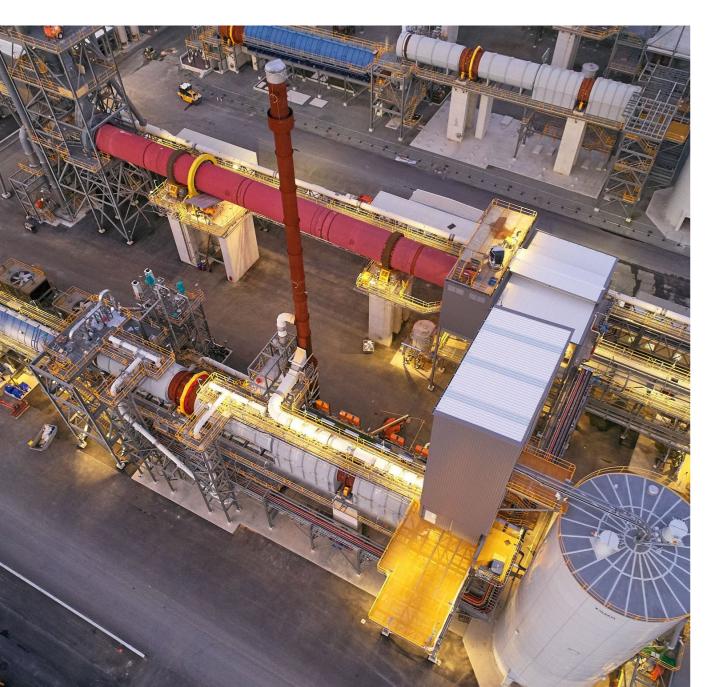
Transitioned from batch to continuous processing with recent focus on optimising product quality



## **Kwinana Lithium Hydroxide Refinery**

Australia's first fully automated lithium hydroxide refinery





First battery grade LiOH production expected from Train 1 in March 2022

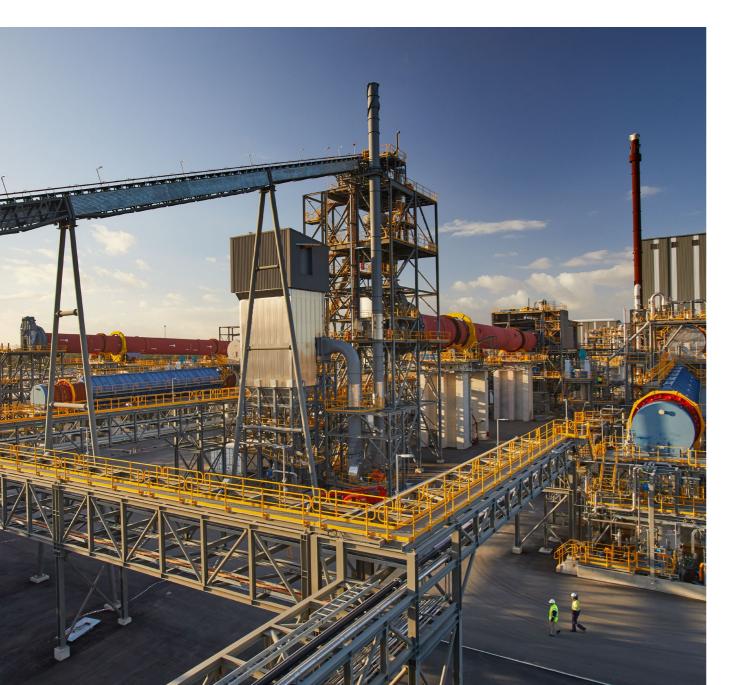
Qualification of Train I product with offtake customers expected to be completed during 1H23

Partial commitment to Train 2 construction with A\$18M committed to early work programs in 2H22

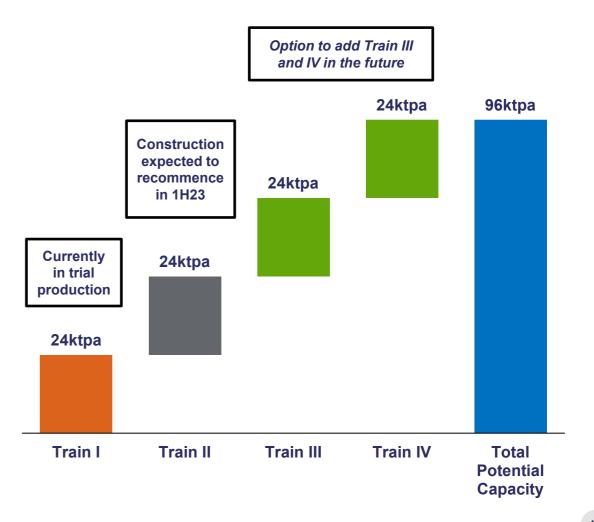
Full recommencement of Train 2 construction expected during 1H23

## **Kwinana Lithium Hydroxide Refinery**

Potential to expand refining capacity further via two additional trains



#### Lithium Hydroxide Production Capacity (ktpa) (100%)





## **Concluding Remarks**

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NOVA OPERATION ATHAR igo

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## **Lithium Joint Venture Catalysts**

Focused on delivery of significant brownfields growth opportunities

Greenbushes CGP2 and TRP ramp up to full production

**Greenbushes CGP3 construction commencement** 

Kwinana Train 1 commercial production of battery grade lithium hydroxide

**Kwinana Train 2 construction recommencement** 

Leverage opportunities to enhance ESG credentials of both Greenbushes and Kwinana





## **Concluding Remarks**

Well positioned to leverage from disruptive transition to clean energy

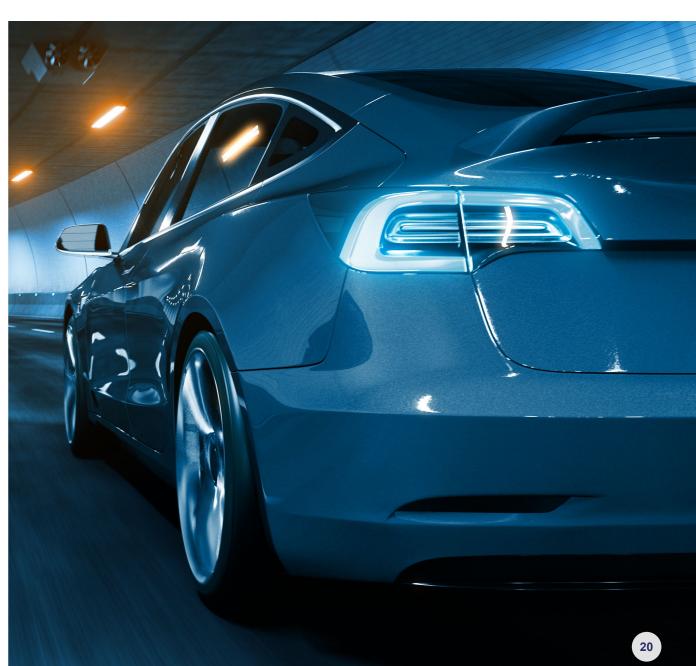
Purpose led strategic focus on clean energy metals

People centric business delivering a great culture

Sustainability embedded into the DNA of the business with proactive response to climate change

Portfolio of high-quality assets with exposure to nickel, copper, cobalt and lithium both upstream and downstream

Best in class exploration team and portfolio focused on transformational discovery





## **Cautionary Statements & Disclaimer**

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- Quarterly Financial Results are unaudited. All currency amounts are in Australian Dollars unless otherwise noted. Net Cash is cash balance less outstanding debt, Net Debt is outstanding debt less cash balances.
- Nickel cash costs are reported inclusive of royalties and after by-product credits on a per unit of payable metal basis, unless otherwise stated. Lithium cash costs are reported as COGS (cash costs of goods sold) per tonne sold and is inclusive of ore mining costs, processing, general and administrative, selling & marketing, inventory movements and royalty expense.
- Underlying EBITDA is a non-IFRS measure and comprises net profit or loss after tax, adjusted to exclude income tax expense, finance costs, interest income, asset impairments, gain/loss
  on sale of subsidiary and Tropicana, redundancy and restructuring costs, depreciation and amortisation, once-off transaction costs, and foreign exchange and hedging gains/losses
  attributable to the acquisition of Tianqi.
- Free Cash Flow comprises Net Cash Flow from Operating Activities and Net Cash Flow from Investing Activities. Underlying adjustments exclude acquisition costs, proceeds from investment sales including Tropicana, and payments for investments and mineral interests.
- IGO has a 49% interest in Tianqi Lithium Energy Australia Pty Ltd (TLEA) and therefore, as a non-controlling shareholder, recognises its share of Net Profit After Tax of TLEA in its consolidated financials. As such, IGO has provided additional information on the operating, financial and expansion activities at both Greenbushes and the Kwinana Refinery which reflects IGO's understanding of those operating, financial and expansion activities based on information provided to IGO by TLEA.



We believe in a world where people power makes amazing things happen. Where technology opens up new horizons and clean energy makes the planet a better place for every generation to come.

We are bold, passionate, fearless and fun – a smarter, kinder, more innovative company. Our work is making fundamental changes to the way communities all over the world grow, prosper and stay sustainable.

Our teams are finding and producing the specialist metals that will make energy storage mobile, efficient and effective enough to make long-term improvements to the lifestyle of hundreds of millions of people across the globe. How? New battery storage technology is finally unleashing the full potential of renewable energy by allowing power produced from sun, wind and other sources to be stored and used when and where it's needed.

This technology will impact future generations in ways we cannot yet imagine, improving people's quality of life and changing the way we live.

We believe in a green energy future and by delivering the metals needed for new age batteries, we are making it happen.

This is the IGO Difference.