

## 2023 Annual General Meeting

Acting Chief Executive Officer – Matt Dusci

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- There are a number of risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO and the value of an investment in IGO including and not limited to economic conditions, stock market fluctuations, commodity demand and price movements, access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve and resource estimations, native title and title risks, foreign currency fluctuations and mining development, construction and commissioning risk. The production guidance in this presentation is subject to risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO.
- 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 reported as COGS (cash costs of goods

- sold) per tonne sold are inclusive of ore mining costs, processing, general and administrative, selling & marketing and inventory movements.
- Lithium cash costs (production) are reported inclusive of mining, processing, crushing, and site administration costs, and utilise production as a unit of measurement. This measure excludes non-cash inventory adjustments, deferred stripping, offsite and royalty costs.
- 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 investments, depreciation and amortisation and once-off transaction and integration costs. Underlying EBITDA includes IGO's share of TLEA net profit after tax.
- Free Cash Flow comprises Net Cash Flow from Operating Activities and Net Cash Flow from Investing Activities. Underlying adjustments exclude acquisition and integration costs, proceeds from investment sales, and payments for investments and mineral interests.
- Underlying NPAT comprises statutory NPAT adjusted for impairment of Forrestania and Cosmos assets, impairment of exploration expenditure, acquisition and integration credit and loss on sale of tenements
- 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 financial statements. 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.

## **Our Strategy**



### Aligned to our purpose – Making a Difference

#### To be a globally relevant supplier of products critical to the clean energy transition



#### **Diverse suite of products**

Made safely, ethically, sustainably and reliably

#### **Vertically Integrated**

Linking upstream and downstream into the supply chain

#### **Net Zero**

Achieving net zero emissions across our business

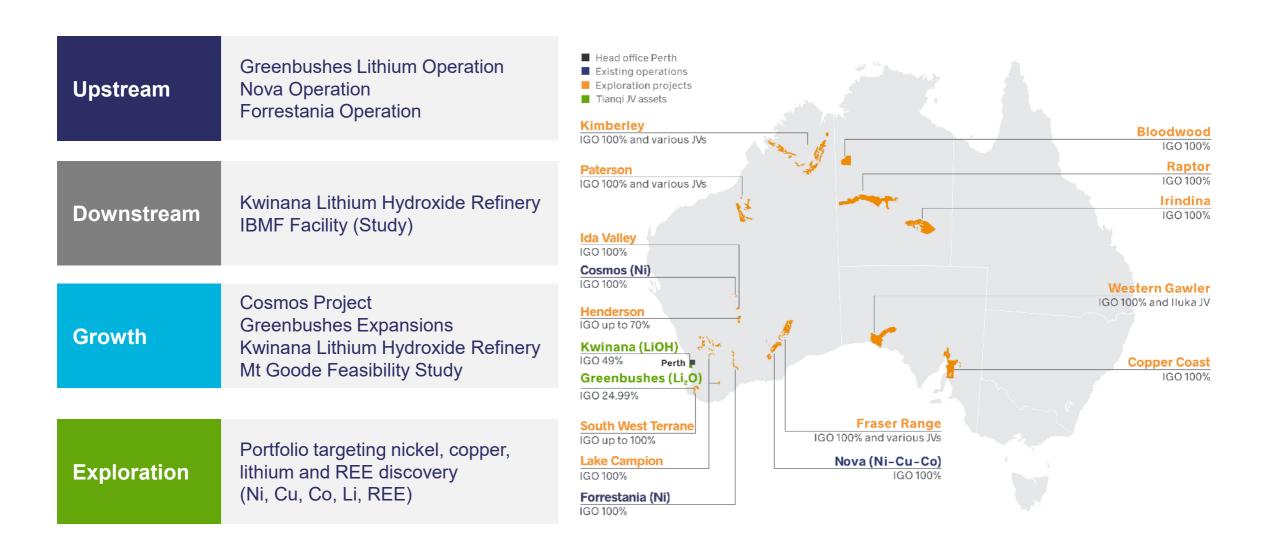
#### **People**

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

## Who we are



### Australia based diversified clean energy metals portfolio with a pipeline of growth



## FY23 Summary



#### Building a globally relevant clean energy metals business



Delivered outstanding financial results with record NPAT, underlying EBITDA and free cash flow for FY23, supported by the strength of our lithium business

Returned record dividends to shareholders, with total FY23 dividends of 74c per share

Record annual spodumene concentrate production from Greenbushes, while maintaining industry leading costs

Achieved strong operational performance at Nova despite some setbacks



Cosmos Project development challenged, with impairment against WSA assets recorded in FY23 results

Prioritising our people, building our unique culture and maintaining our leading sustainability performance



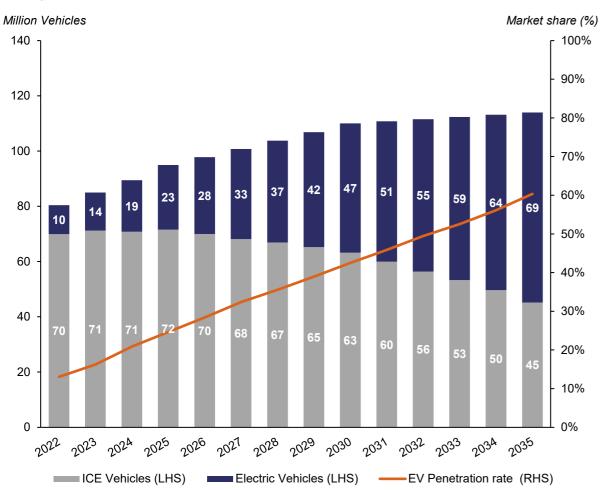
## Market Update

## **Electric Vehicles**



### The global electrification of vehicles is rapidly progressing

#### Projected EV sales and market share<sup>1</sup>



Steep adoption of EVs, with penetration rates reaching 60% in 2035, despite recent macroeconomic trends

With the bulk of EV stimulus ending and demand remaining steady, increase is likely driven by organic consumer preferences

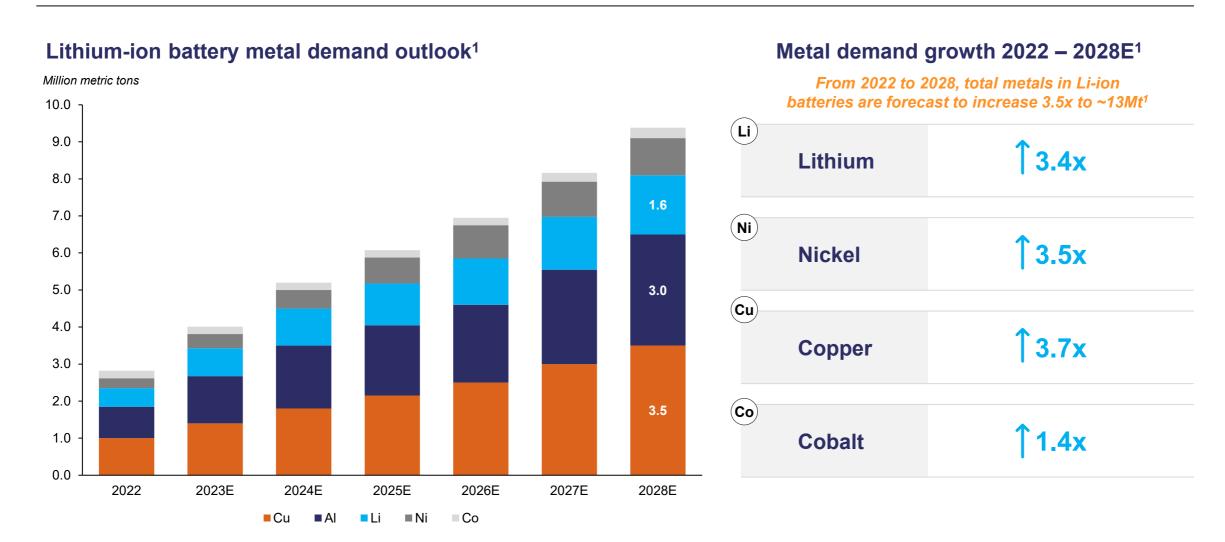
5x increase in the global EV fleet by 2035<sup>1</sup>

<sup>1.</sup> Source: Benchmark Mineral Intelligence, October 2023

## Lithium-ion Batteries



#### Total metal demand continues to increase with battery demand



<sup>1.</sup> Source: Bloomberg NEF, Battery Metals Outlook, Shift in Demand Dynamics, 30 June 2023. Lithium is expressed in million metric tons of lithium carbonate equivalent. Total metals in Li-ion batteries includes cobalt, manganese, phosphorous, iron, graphite, nickel, lithium, aluminium and copper.

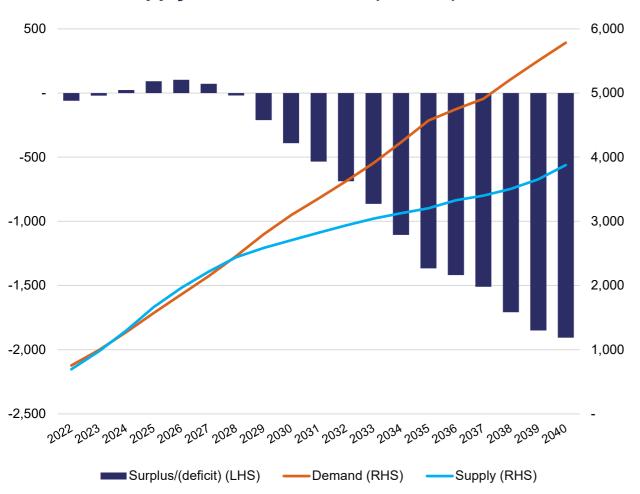
<sup>2.</sup> Al = Aluminium

## Lithium Market



#### Strong market fundamentals over the medium to long term

#### Lithium Supply/Demand Balance (Kt LCE)<sup>1</sup>



Moderating demand and new supply driving modest surplus over coming years

Market deficit expected from 2028 as battery demand outpaces supply response

New lithium resource required by 2040:

~13.3 million tonnes LCE<sup>1</sup>

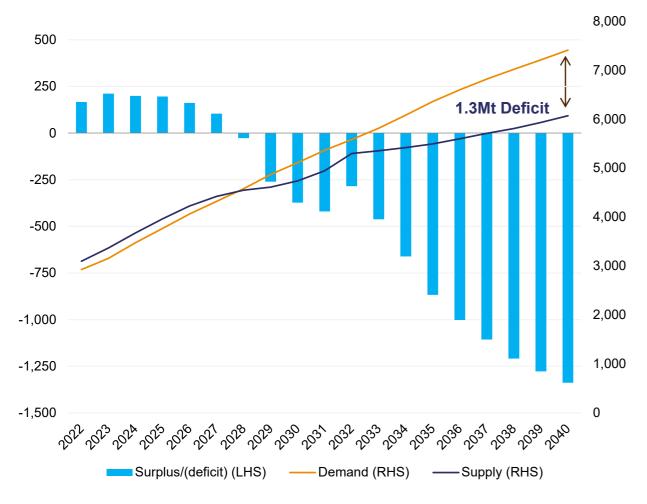
<sup>1.</sup> Source: Benchmark Mineral Intelligence, October 2023

## **Nickel Market**



#### Market appears supply constrained over the long term

#### Primary Nickel Supply/Demand Balance (Kt Ni)<sup>1</sup>



Rapid expansion of Indonesian supply (of Class 2 nickel) has delivered surplus nickel unit supply over the short term – transitioning to deficit by 2028<sup>1</sup>

New nickel supply required from ~2028 onwards; driven by an increasing battery demand

Nickel needed from <u>new resources</u> by 2040:

~8.6 million tonnes<sup>1</sup>

<sup>1.</sup> Source: Benchmark Mineral Intelligence, October 2023



## Sustainability

## FY23 Sustainability Highlights



#### Committed to a safe, sustainable and diverse business

#### **Community**

- ~\$800k in corporate giving contributions for FY23
- \$8.3M spend with Aboriginal owned and managed businesses

#### **Diversity**

 Continuing to cultivate a diverse workforce, with 27% female representation and 2% Aboriginal representation

#### **People & Culture**

Continuing to focus on supporting our people and maintaining our unique culture

#### **Key sustainability index inclusions**



Dow Jones Sustainability Index – Australia & Asia Pacific



Sustainability Yearbook Member

Included in 2021, 2022 and 2023

1 of 20 global metals and mining companies

## Safety



Page 13

### Continuing to focus on harm reduction, risk minimisation and training

Disappointing increase in TRIFR at 30 June 2023 to 16.0 (from 14.1 at 30 June 2022)

Safety improvement has been a high priority for Board and management

Recent improvement in TRIFR (12.7 at 30 September 2023) is encouraging

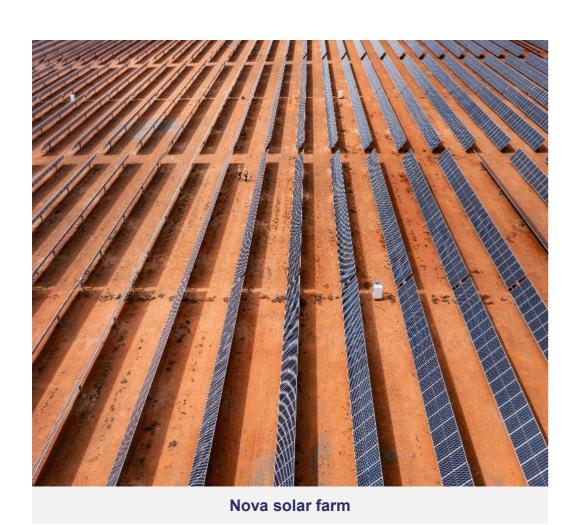


<sup>1. 12</sup> month moving average calculated as the number of recordable injuries x 1,000,000 divided by the total number of hours worked. IGO reports recordable injuries (TRI) as the sum of Lost Time Injury (LTI), Medically Treated Injury (MTI) and Restricted Work Injury (RWI) as required by Part 1.1 r.5 of the WHS (Mines) Regulations 2022.

## Decarbonisation



### Retaining our focus on building a sustainable business



**Decarbonisation Fund** 

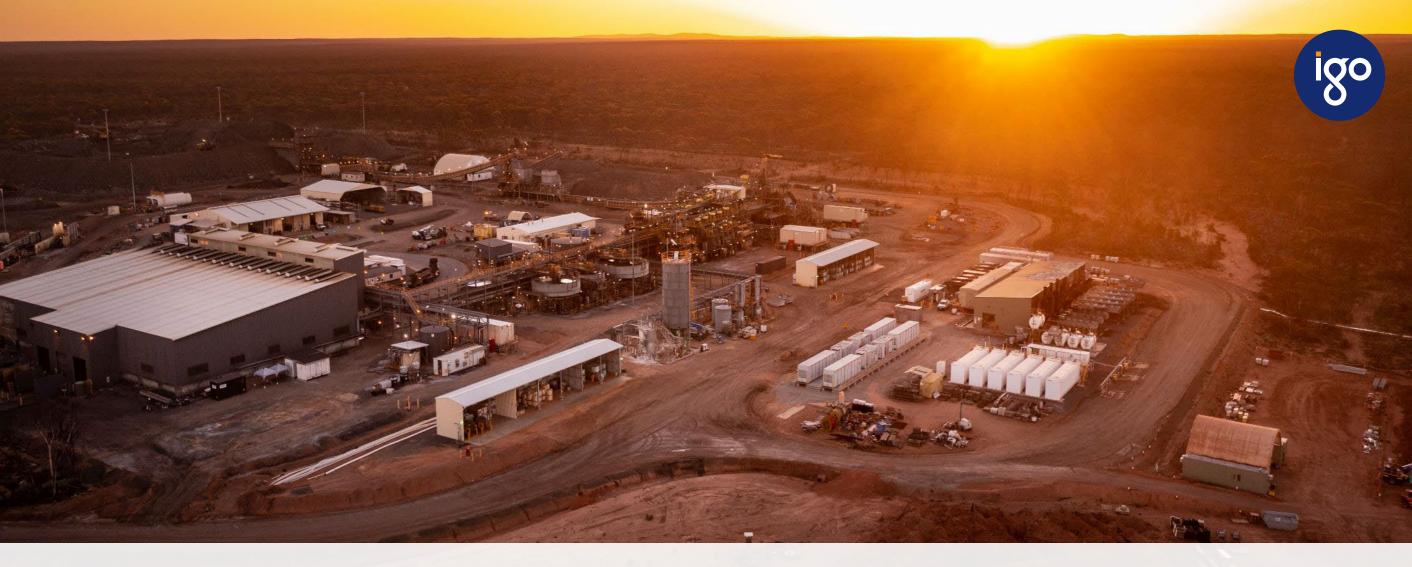
- Internal Carbon Price is pricing our emissions and driving funding of our Decarbonisation Fund
- Expected to raise \$9.3M in FY24

#### Nova

Expanded solar generation and storage capacity enabling 7
 – 8 hours of 'engines off' operations during summer and autumn

#### **2035 Net Zero Target**

Progressing our pathway to Net Zero at direct operations and activities by 2035

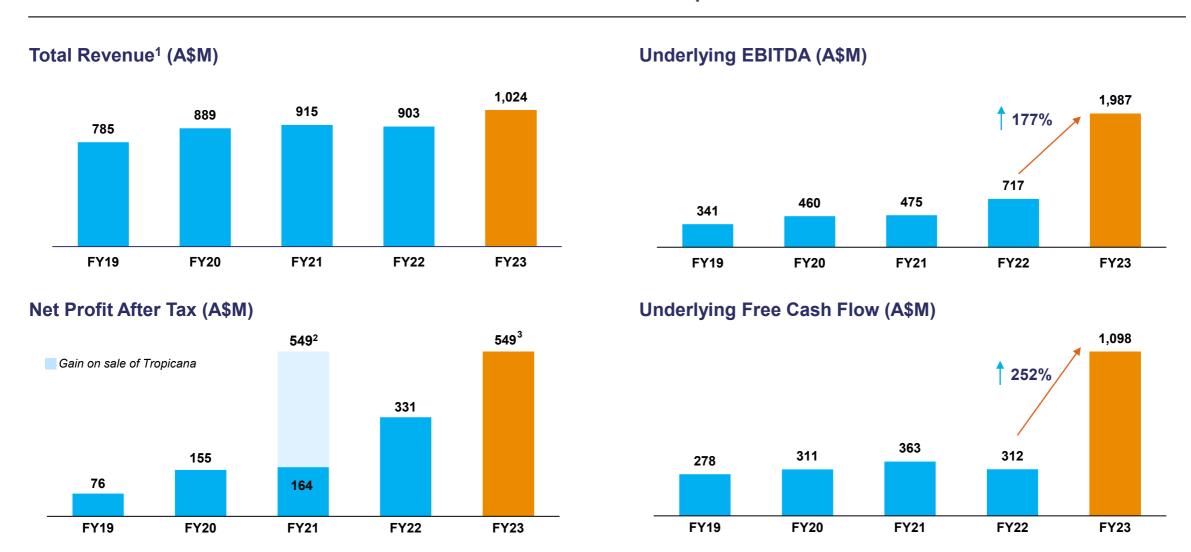


## FY23 Financial Results

## **Financial Results**



#### IGO has established a track record of financial performance



<sup>1.</sup> Total revenue excluding revenue from Greenbushes.

<sup>2.</sup> Statutory NPAT of A\$549M includes gain on sale of the Tropicana Operation of A\$385M after tax. Profit after Tax excluding this gain was A\$164M.

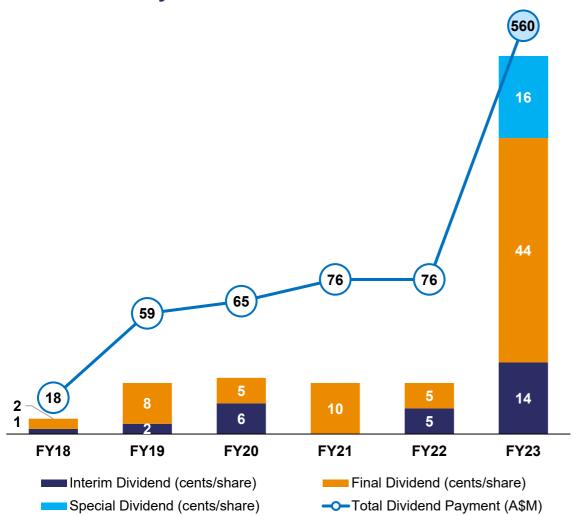
<sup>3.</sup> Statutory NPAT of A\$549M includes the impairment of A\$968M on the assets acquired in the Western Areas transaction.

## Shareholder Returns



#### Record dividend payments declared for FY23

#### **Dividend history**



Interim FY23 Dividend 14c per share (fully franked)

Final FY23 Dividend 44c per share (fully franked)

Special FY23 Dividend 16c per share (fully franked)

Updated Capital Management Policy designed to reflect our growing business

Total dividends declared with respect of FY23:

\$560M



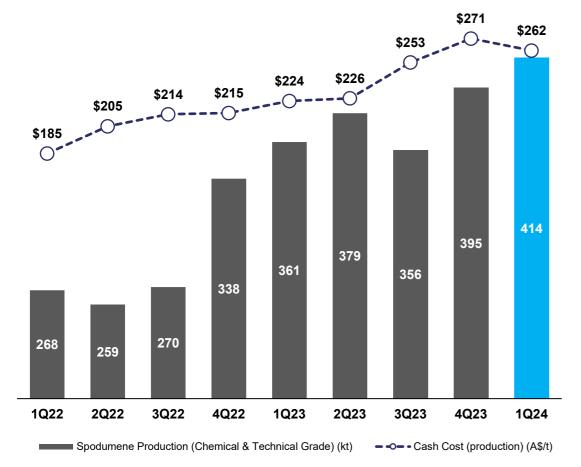
## Lithium Business

## Greenbushes



#### Outstanding operational and financial performance in FY23

#### Quarterly Production and cash cost (production)<sup>1</sup>



#### 1. 100% basis.

#### **FY23 Performance**

Spodumene production of 1.49Mt, a record for the business with industry leading cash costs (production) of \$244/t

Operational performance delivered alongside significant growth projects on site

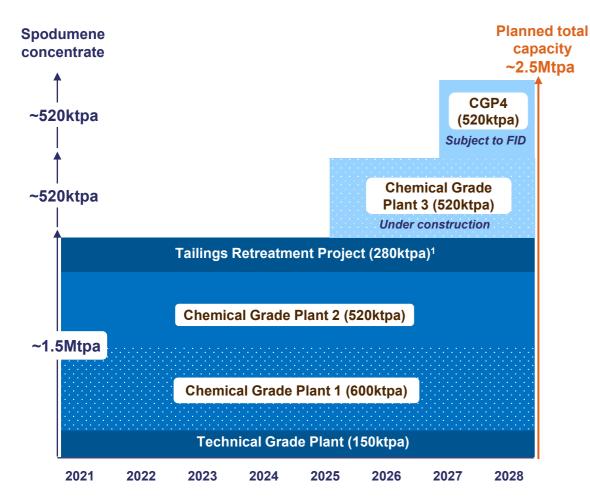
FY23 EBIDTA Margin: 91%

## Greenbushes



### Multiple strategic growth projects

#### **Greenbushes Production** (100%)



#### **Greenbushes Growth Priorities**

Processing Capacity	Expanding processing capacity to deliver higher production rates
Mining Capacity	Improving efficiencies via new mining contractor and expanding support infrastructure
<b>Optimisation</b>	Maximising productivity via process continuous improvement and debottlenecking
Underground	Assessing underground potential as part of life-of-mine planning
\$ Satellite Feed	Investing in exploration and studies to assess opportunities outside existing resource

<sup>1.</sup> Assumes TRP infrastructure can be utilised beyond the current 6 year mine life, using alternate ore feed.

## Kwinana Refinery





### Train 1 performance delayed, but rectification works are progressing

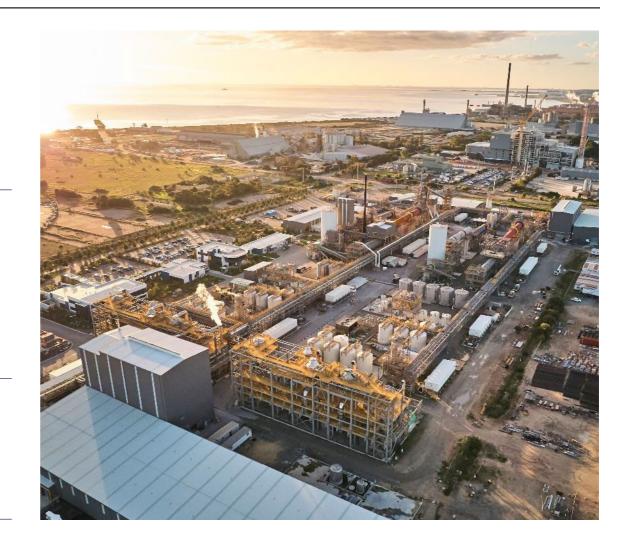
#### **Train 1**

FY23 production of 1,884t of lithium hydroxide was below expectations due on operational challenges

Targeting 50% of nameplate capacity during December 2023, and continuing to ramp during 2024

#### Train 2

FEED underway with completion expected in mid-2024





## Nickel Business

## **Our Nickel Business**



### Building an integrated nickel business

#### Strong portfolio of production assets...

## Nova Operation Production



High-quality, low-cost nickel production asset, with ~3 years of mine life

## Enduring focus on operational excellence and sustainability

Forrestania Operation Production



Operating underground nickel mining & processing operation

Focus on production and cost improvement

...with growth & value optimisation opportunities.

## Cosmos Project Development | Review



Key project development milestones complete

Project review nearing completion

### **Downstream**Feasibility study & partnering



Assessing opportunity to develop an Integrated Battery Materials Facility producing PCAM

Study completion expected in mid-2024

## **Exploration** Ongoing



Focused on discovery of magmatic nickel sulphide deposits

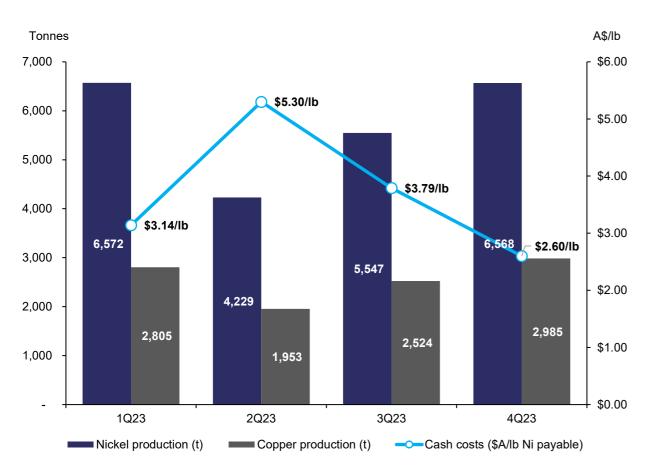
Extensive belt-scale land holdings

## Nova



#### Strong operational and financial delivery in FY23

#### **Nova Production & Costs<sup>1,2</sup>**



#### **FY23 Performance**

Production delivered just below guidance, with costs within guidance

- 22,915t nickel
- \$3.54/lb cash costs
- EBITDA Margin: 62%
- Underlying Free Cash Flow: \$518M

#### **Outlook**

Continuous focus on production and cost optimisation over remaining mine life

<sup>1. 4</sup>Q23 is the three months ending 30 June 2023; 3Q23 is the three months ending 31 March 2023; 2Q23 is the three months ending 31 December 2022; 1Q23 is the three months ending 30 September 2022

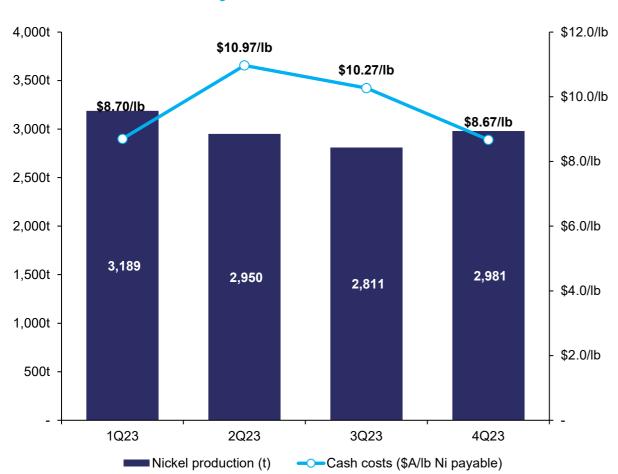
Cash costs reported per pound of payable metal produced inclusive of royalties and net of by-product credits.

## Forrestania

## igo

#### Solid performance over FY23

#### Forrestania Quarterly Production & Costs<sup>1</sup>



<sup>1.</sup> Cash costs reported per pound of payable metal produced inclusive of royalties and net of by-product credits.

#### **FY23 Performance**

Production and costs delivered within guidance:

- 11,931t nickel
- \$9.65/lb cash costs
- FY23 EBITDA margin: 40%
- FY23 Underlying free cash flow: \$69M

#### **Outlook**

Continued priority on driving production efficiencies and cost improvements going into FY24, with a focus on blending opportunities

## Cosmos



#### Development progressed in parallel to the ongoing project review

#### **Processing Plant**

✓ First concentrate from mill produced in recent weeks

#### **Shaft Infrastructure**

- ✓ Shaft proper complete taking the shaft to final depth of ~1km.
- ✓ Focus on installation of shaft hoisting/loading structures in the coming quarters

#### **Materials Handling**

- ✓ The headframe and winder scope is >90% complete
- ✓ Scopes for the underground crushed ore silo and the lift on the tailings storage facility both completed

Total FY23 incurred spend of \$338M

Project review expected to be complete in the December quarter 2023



Current lined shaft, image from ground up

## Integrated Battery Materials Facility





An opportunity to progress our downstream strategy

Proposed IBMF will convert nickel sulphide into cathode precursor for the battery sector.

#### Key work undertaken to date:

- ✓ Multiple campaigns including pilot testwork and confirming the flowsheet for the propriety IGO Process<sup>™</sup> have been successfully completed
- ✓ Land allocation at Kwinana
- ✓ Negotiations ongoing with preferred PCAM partner

#### **Next steps:**

- 1. Conclude negotiations with preferred PCAM partner
- 2. Continue to progress feasibility study completion expected mid-2024





3D render of proposed IBM Facility at Kwinana



## **Exploration & Discovery**

## **Exploration**



### Exploration work continues, aimed at unlocking new discoveries

#### FY24 Exploration budget of \$65M - \$75M

(Ni ) Nickel

> Targeting magmatic and komatiitic nickel sulphide deposits

- Nova, Cosmos & Forrestania
- Fraser Range Project
- Kimberley Project (Dogleg)
- Irindina Project

Copper

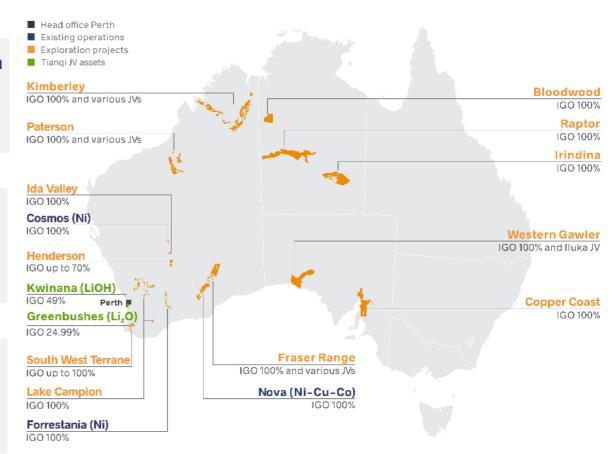
Targeting sediment hosted copper deposits

- **Paterson Project**
- Lake Mackay Project
- Copper Coast Project

Lithium

Targeting hard rock spodumene deposits

- **Greenbushes Regional**
- Forrestania Project



## **Exploration**



Several interesting developments as we progress our journey of discovery

#### **West Kimberley Project**

Successful drilling at the Dogleg Ni-Co-Cu Prospect<sup>1</sup> intersected massive sulphides

#### **Forrestania Project**

Diamond drilling intersected spodumene bearing pegmatites up to 34m in downhole thickness.

#### **Copper Wolf Project**

Project located in Arizona, with drilling by Buxton Resources (BUX) indicating potential for a large porphyry coppermolybdenum mineral system<sup>2</sup>



Massive sulphides intersected at Dogleg

<sup>1.</sup> Refer to Buxton Resources Limited (BUX) ASX Release titled" Massive Sulphides at Dogleg Ni-Cu-Co Prospect:, dated 4 October 2023

<sup>2.</sup> Refer to Buxton Resources Limited (BUX) ASX Release titled "Exceptional results from maiden drill hole at Copper Wolf", dated 28 August 2023



## Summary

## Priorities for FY24



### Our focus for the year ahead

Lithium Business	<ul> <li>Deliver Greenbushes expansion projects</li> <li>Drive further value recognition at Greenbushes via exploration and underground studies</li> <li>Progress Kwinana Train 1 ramp up</li> </ul>
Nickel Business	<ul> <li>Continue to optimise operating assets at Nova and Forrestania</li> <li>Complete Cosmos Project Review</li> <li>Advance Integrated Battery Materials Facility opportunity</li> </ul>
Growth	
People	✓ Maintain our focus on developing our people, enhancing culture and improving safety



# Making a Difference

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 generations to come. Our people are bold, passionate, fearless and fun – we are a smarter, kinder and 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 products 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? Developments in battery storage technology are enabling the full potential of renewable energy to be realised, by allowing energy produced from the 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 products needed for tomorrow's battery systems, we are making it happen.

We are the IGO Difference.