



#### PRESENTATION TO AUSTRALIAN NICKEL CONFERENCE

IGO Limited (ASX: IGO) (**IGO** or the **Company**) is pleased to attach a copy of the presentation provided to the Australian Nickel Conference which is being held in Perth this week.

IGO's Acting Chief Executive Officer, Matt Dusci, will use the presentation to discuss IGO's nickel strategy and portfolio, as well as the Company's portfolio of upstream and downstream lithium assets.

This announcement is authorised for release to the ASX by Matt Dusci, Acting Chief Executive Officer

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### **IGO** Limited

Australian Nickel Conference Matt Dusci – Acting Chief Executive Officer

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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** Reducing our emissions and targeting net-zero by 2035

#### People

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





### **Our Portfolio**

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

Upstream	Greenbushes Lithium Operation Nova Operation Forrestania Operation	KIMBERLEY         IGO 100% and various JVs         PATERSON         IGO 100% and various JVs
Downstream	Kwinana Lithium Hydroxide Refinery IBMF pCAM Facility (Study)	IRINDINA         IGO 100%         LAKE MACKAY         IGO 100%         IGO 100%         SILVER KNIGHT (SULPHIDE)
Growth	Cosmos Project Greenbushes Expansions Kwinana Lithium Hydroxide Refinery Mt Goode Feasibility Study	IGO 100% KWINANA (LiOH) IGO 49% PERTH GREENBUSHES (Li,0) IGO 24.99% GREENBUSHES IGO up to 100% IGO 100% and various JVs
Exploration	Portfolio targeting nickel, copper, lithium and REE discovery (Ni, Cu, Co, Li, REE)	LAKE CAMPION       NOVA (Ni-Cu-Co)         IGO 100%       IGO 100%         FORRESTANIA (Ni)       IGO 100%         IGO 100%       IGO 100%         Existing operations       Feasibility study         Exploration projects       Feasibility study



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

Strong market dynamic over the medium to long term

Nickel Market



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 ~2026 onwards; driven by an increasing battery demand

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

#### ~1.5 million tonnes<sup>1</sup>



Source: Benchmark Mineral Intelligence 2023

2016

2017

2015

1.

Nickel source (Kt Ni)<sup>1</sup>

Growth in Indonesian supply has been significant

#### 3,500 35% 35% 36% 36% 37% 5% 5% 4% 41% 46% 4% 51% 57% 5% 61% 59% 19% 25% 1,000 52% 28% 50% 45% 33% 500 29% 41% 34% 26% 2015 2016 2017 2018 2019 2020 2021 2022 2023F 2024F 2025F ■ Indonesia ■ China ■ Australia ■ Rest of World

#### Primary nickel supply by geography (Kt Ni)<sup>1</sup>

Nickel Market

Indonesian supply of Class 2 nickel is displacing Class 1 nickel into stainless steel

Nickel supply from Indonesia has increased significantly

since 2015, now accounting for ~45% of global supply

Class 1/Class 2 markets merging with advent of NPI to chemical conversion capacity



2019

2020

2021

2022



2018



### Nickel Market



#### Type and source of nickel is becoming increasingly important

#### Carbon intensity of nickel sources (KgCO<sub>2</sub> equiv. per kg Ni)<sup>1</sup>



Product provenance, ESG credentials and supply chain diversity are of critical importance to battery manufactures and OEMs

Sulphide concentrate sources have highly favourable  $CO_2$  emissions profiles

Potential for non-Indonesia/China sourced material to attract premium pricing

1. Source: Nickel Institute, Goldman Sachs Global Investment Research via 'Green Metals: Nickel's class divide' Report, dated April 2022.

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### **Financial Results**





1. 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.

2. Statutory NPAT of A\$549M includes the impairment of A\$968M on the assets acquired in the Western Areas transaction.



### Sustainability

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Advancing our commitment to sustainability



Dow Jones Sustainability Index – Australia Dow Jones Sustainability Index – Asia Pacific

#### Sustainability Yearbook Member

S&P Global

Included in 2021, 2022 and 2023 1 of 20 metals and mining companies (globally)

#### Community

FY23 Corporate giving contributions: **\$800k** FY23 Spend with Aboriginal owned & managed businesses: **\$8.3M** 

#### **Decarbonisation**

Internal carbon price is generating significant funding capacity for carbon reduction initiatives & projects

#### **Diversity**

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



# **Nickel Business**

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## **Our Nickel Business**

### Building an integrated nickel business

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

#### ...with significant organic growth & value creation opportunities.

Nova Operation Production	Forrestania Operation Production	Cosmos Project	<b>Downstream</b> Feasibility study & partnering process underway	Exploration Ongoing
High-quality, low-cost nickel production asset, with ~3 years of mine life	Operating underground nickel mining & processing operation	Project development progressing, key project milestones complete	Assessing opportunity to develop an Integrated Battery Materials Facility producing PCAM	Focused on discovery of magmatic nickel sulphide deposits
Enduring focus on operational excellence and sustainability	Focus on production and cost improvement	Project review underway to determine project development pathway	Study completion expected in mid-2024	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

1. 4Q23 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

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

Solid performance over FY23



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

### Forrestania



#### **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

### Project development progressing | Project review underway

#### Project development progressed during FY23

Cosmos

- Processing plant construction >85% complete
- ✓ Shaft and key shaft infrastructure >85% complete
- Paste fill plant completed, commissioned and handed
- Underground chambers for materials handling infrastructure complete

#### Total FY23 incurred spend of \$338M

Comprehensive review of the Cosmos Project is underway – expected to be complete in the December quarter 2023

Cosmos headframe nearing completion





## **Integrated Battery Materials Facility**

Se WYLOO



The next phase of 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
- Continue to progress feasibility study completion expected mid-2024





3D render of proposed IBM Facility at Kwinana

## **Downstream Nickel**

#### Disruptive pathway for moving nickel from mine to battery



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# **Lithium Business**

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## Greenbushes

TIANQI LITHIUM ENERGY AUSTRALIA a Tiangi Lithium—IGO joint venture



### Outstanding operational and financial performance in FY23

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



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

#### FY23 Performance

Strong yearly production delivered within guidance:

- Spodumene production of 1.49Mt
- Cash costs (production) of \$244/t
- EBITDA margin of 91%

#### Outlook

- Advance construction of CGP3 & support infrastructure
- Final Investment Decision on CGP4
- Advance value optimisation projects and studies including implementing ore sorting technology, assessing satellite ore sources and the significant underground mining opportunity

## **Kwinana Refinery**

TIANQI LITHIUM ENERGY AUSTRALIA a Tianqi Lithium—IGO joint venture



Train 1 performance delayed, but rectification works are progressing

#### Train 1

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

Rectifications works are being progressed, with production ramp-up expected to continue during FY24

#### Train 2

FEED underway with completion expected in early CY24, followed by FID





# Summary

### Summary

### Building a globally relevant clean energy metals business





Strong financial position has enabled record dividend payments for FY23 while maintaining sufficient liquidity for growth

Focused on optimising value at Cosmos, and delivering on other organic growth opportunities across our business



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







# 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.