

MAKING A DIFFERENCE

**2021 Annual General Meeting** 

18 November 2021

# rsonal

# 2021 was a year of transformation for IGO

Realigned our portfolio to leverage the clean energy opportunity



## **Transformation:**

A complete change in the appearance or character of something or someone, especially so that that thing or person is improved

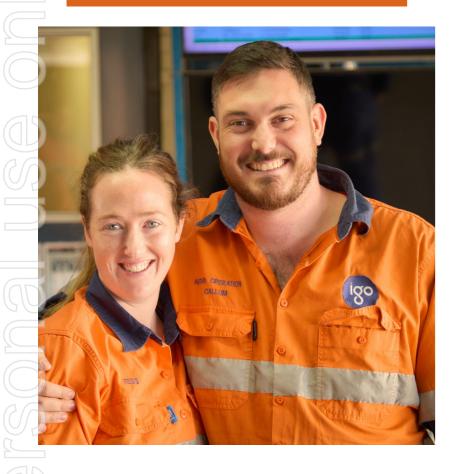


#### **Our Transformation**

#### We have transformed our business and the way we work



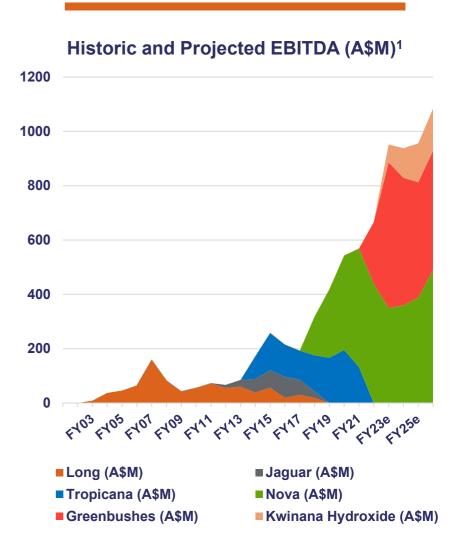
#### **Transformed Culture**



#### **Transformed ESG**



#### **Transformed Outlook**



Source: Macquarie Research

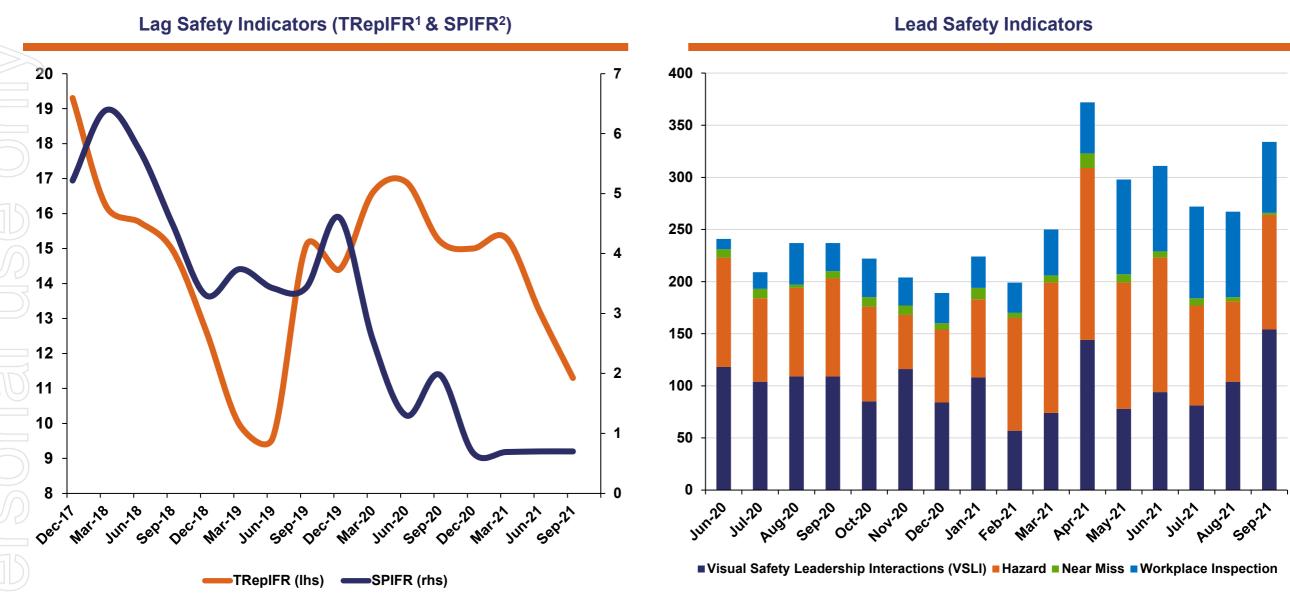
3



# Safety & Wellbeing

#### Retained our strong focus on safety improvement programs





<sup>12</sup> month moving average TRepIFR – Total Reportable Injury Frequency Rate: calculated as the number of reportable injuries x 1,000,000 divided by the total number of hours worked.

<sup>2. 12</sup> month moving average SPIFR: Serious Potential Incident Frequency Rate: calculated as the number of serious potential incidents x 1,000,000 divided by the total number of hours worked.

#### COVID-19

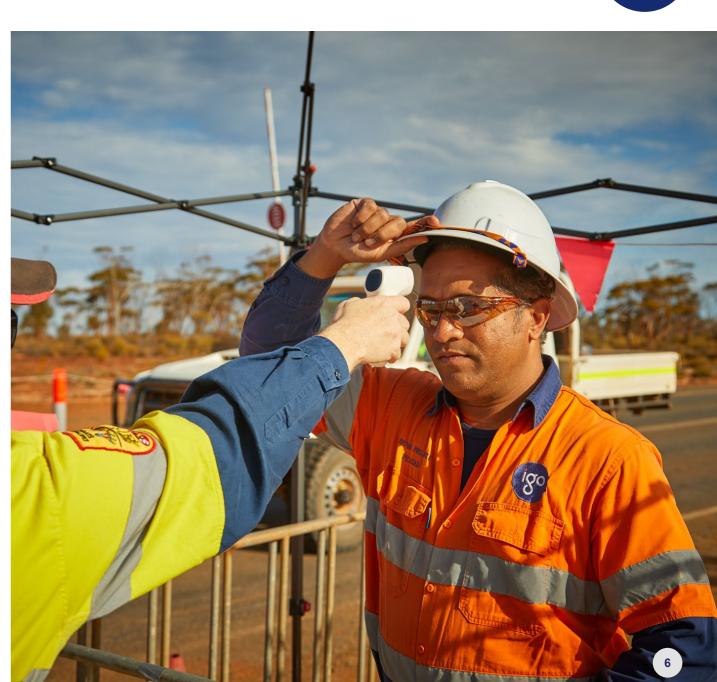
#### Continued to manage and respond to risks to our people and business



WA has remained relatively unaffected by COVID-19, allowing us to operate with few restrictions

Broad range of programs in place to support our people and their families

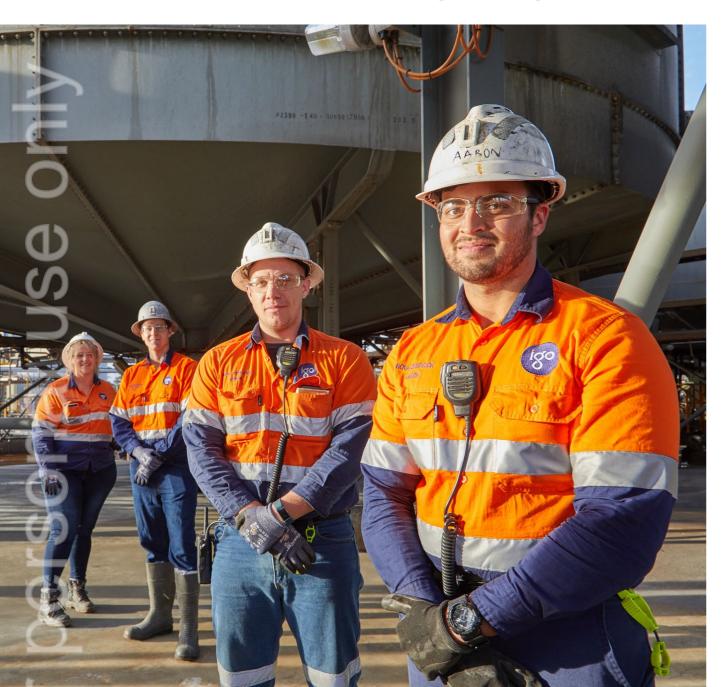
Focus on encouraging vaccination to comply with WA Government mandates



## **Our Culture**

#### Continuous process to strengthening our unique culture





Focused on attracting, developing and retaining our #1 asset

Maintained high levels of employee engagement

Made strong progress on diversity, learning programs and leadership development



# **Sustainability**

#### Continued our commitment to leading performance and reporting





Dow Jones Sustainability Australia Index Dow Jones Sustainability Asia Pacific Index

Sustainability Yearbook Member 2021

S&P Global

**S&P Global 2021 Sustainability Yearbook** 



ESG Reporting consistently rated as "Leading"



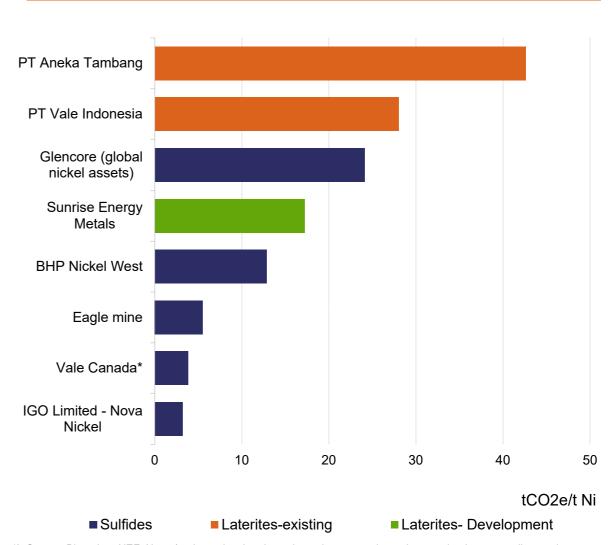
# **Sustainability**

#### Nova is leading the way on carbon emissions





#### Carbon Intensity of Nickel Operations<sup>1</sup>

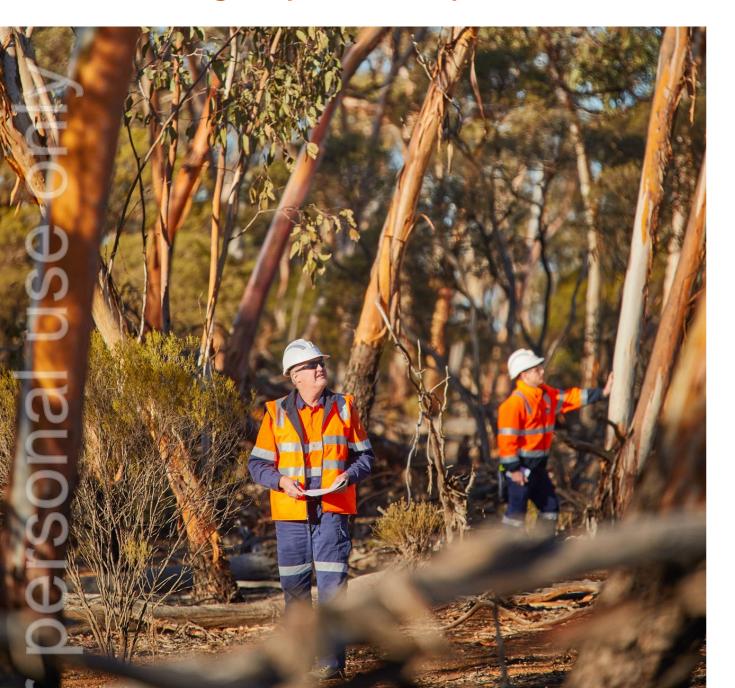


<sup>1)</sup> Source: BloombergNEF. Note: \*estimated carbon intensity and covers estimated energy load, not overall operations. Reported emissions include total emissions across overall operations. Glencore reports total carbon emissions for its nickel business unit

# **Climate Change**

**Accelerating our proactive response in FY22** 





Adopted an internal carbon price

Scope 1 & 2 emissions reduction programs being implemented

Investing in carbon removal and offsets programs in FY22

Commitment to understand controllable Scope 3 emissions



# **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.



#### **DIVERSE SUITE OF PRODUCTS**

Made safely, ethically, sustainably and reliably



#### **CUSTOMER FOCUSED**

Connecting with end users through vertical integration



#### **CARBON NEUTRAL**

Committing to carbon neutrality across our business



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

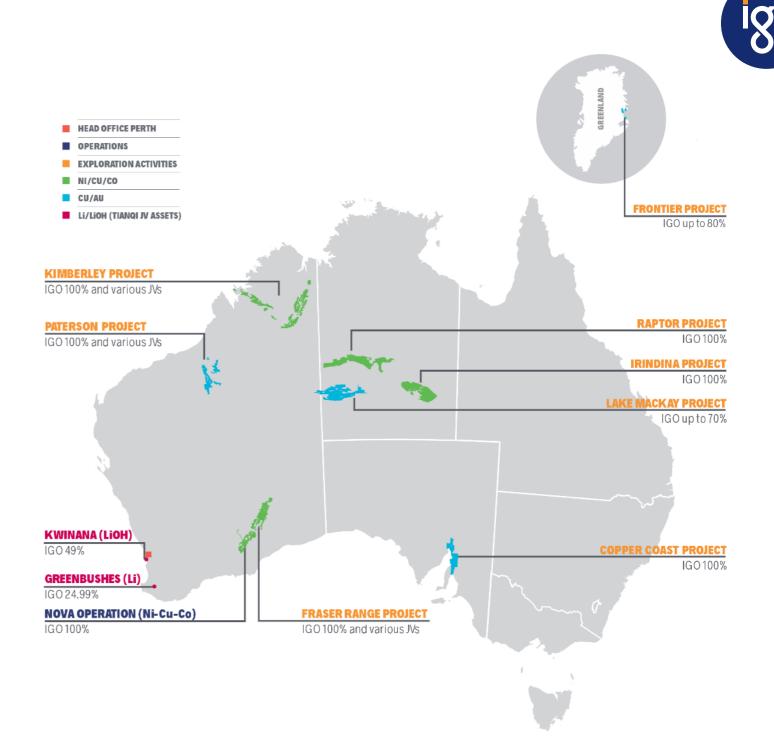
#### **Our Portfolio**

Aligned to clean energy metals strategy

Portfolio focused on nickel, copper and lithium

Operating assets in Tier-1 jurisdictions

**Extensive exploration portfolio in Australia and Greenland** 





# **Clean Energy**

#### Three key industries driving uptake of clean energy technologies









**Energy Storage** 



**Electric Vehicles** 

# **Lithium-ion Battery Demand**

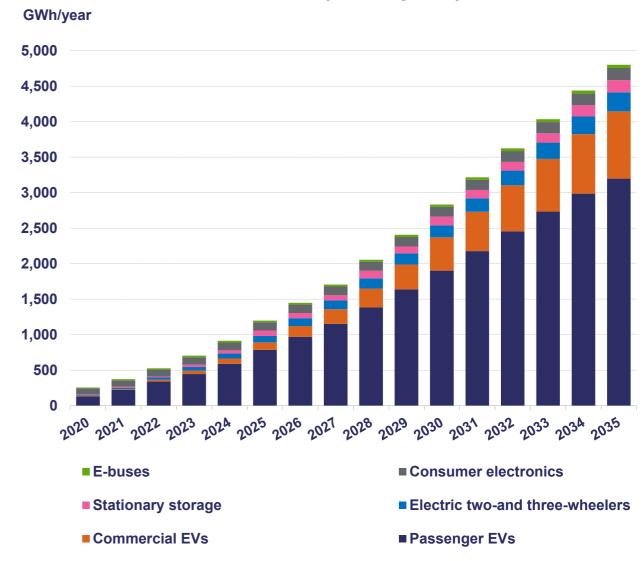






# Passenger vehicle electrification is the primary driver

# Lithium-ion battery demand outlook (GWh/year)<sup>1</sup>



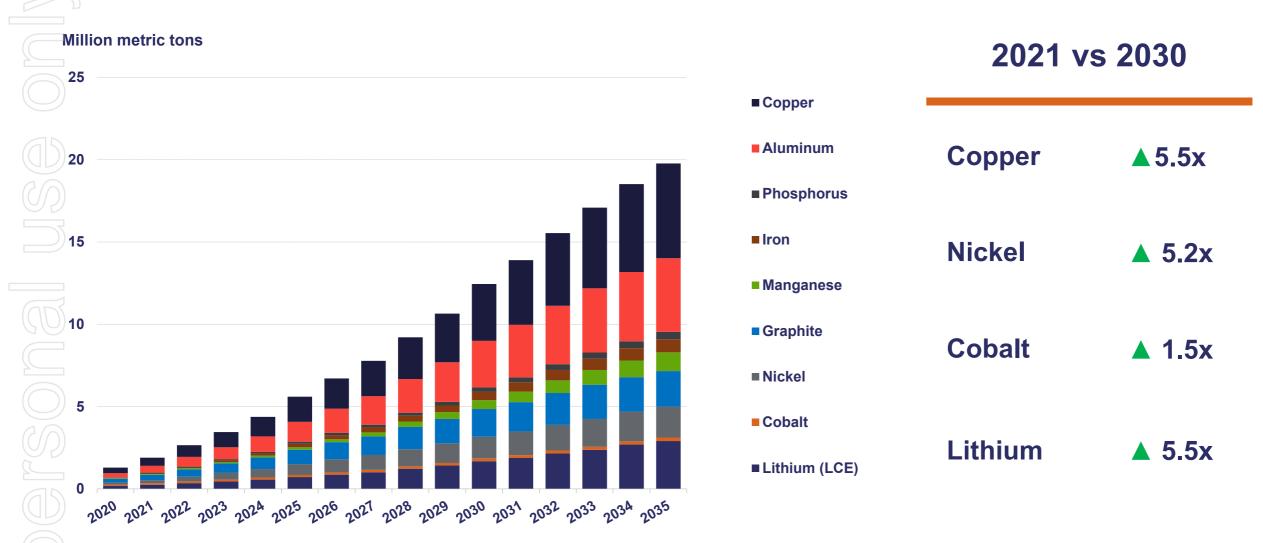
Source: Bloomberg NEF - October 2021

# Implications for raw materials





#### Lithium-ion battery metal demand outlook<sup>1</sup>

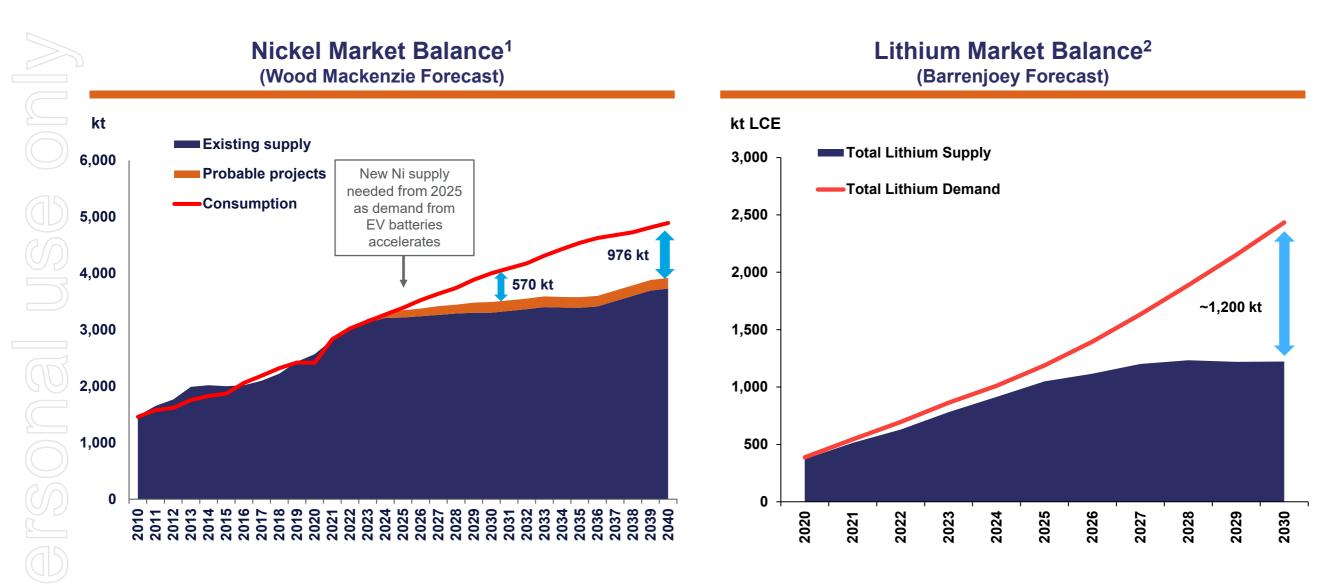


Source: Bloomberg NEF – October 2021

# Implications for commodity prices







<sup>1.</sup> Source: Wood Mackenzie Nickel Cost & Market Service Q4 2021 (Paydirt Conference)

<sup>2.</sup> Source: Barrenjoey – November 2021



# **Key Achievements**

ersonal u

FY21 was a highly successful year



- ✓ Invested into a global lithium joint venture with Tianqi
- **✓** Divested our 30% interest in Tropicana
- Delivered outstanding operational and financial performance
- Maintained balance sheet strength and focus on growth
- **✓** Built on our ESG credentials
- ✓ Admitted to the S&P/ASX 100 Index



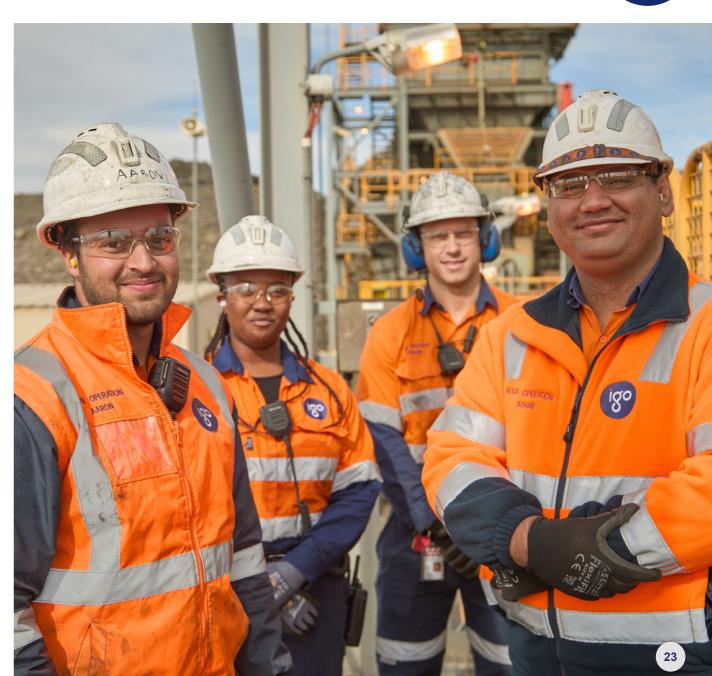
# Nova

#### FY21 metal production and cash costs all better than guidance



Production & Costs	FY21 Result	FY21 Guidance	
Nickel in concentrate (t)	29,002	27,000 – 29,000	
Copper in concentrate (t)	13,022	11,000 – 12,500	
Cobalt in concentrate (t)	1,084	850 – 950	
Cash Costs (A\$/lb Ni payable)	A\$1.85	A\$2.40 - A\$2.80 <sup>1</sup>	
1. Revised to A\$1.80 – A\$2.10 in 3Q21 Quarterly Activities Report on 28 April 2021			

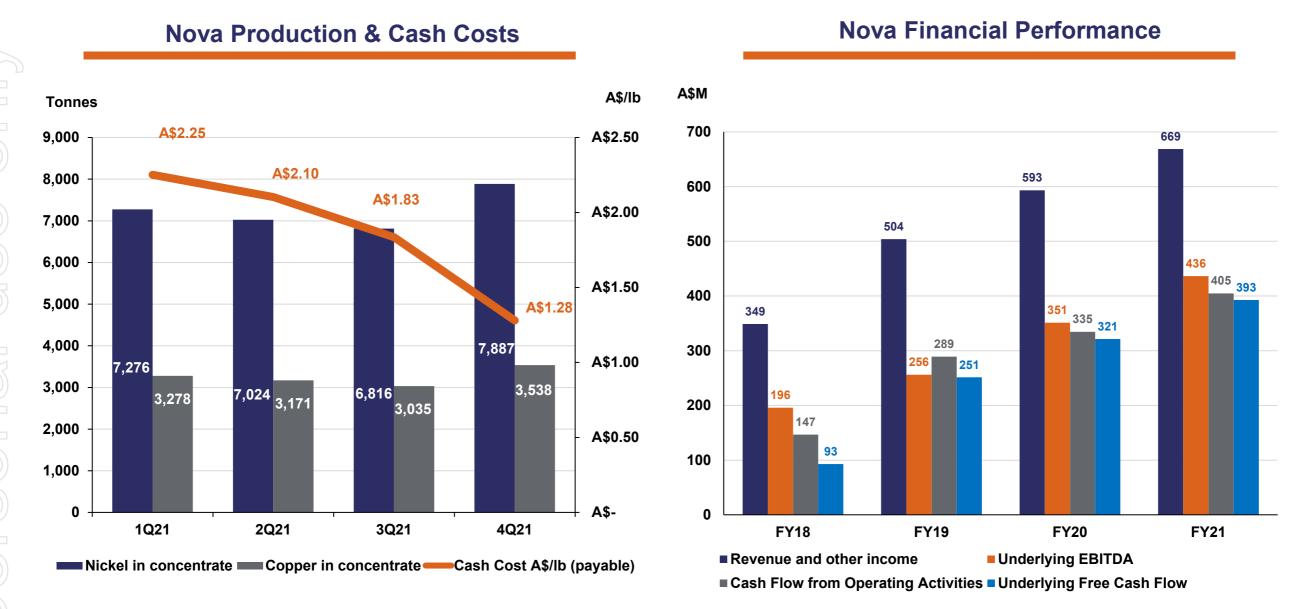
Segment Financials	FY21 Result
Underlying EBITDA	A\$436M
Underlying EBITDA Margin	65%
Underlying Free Cash Flow	A\$393M
Underlying Free Cash Flow Margin	59%



#### Nova

#### FY21 performance drove record financial outcomes from Nova





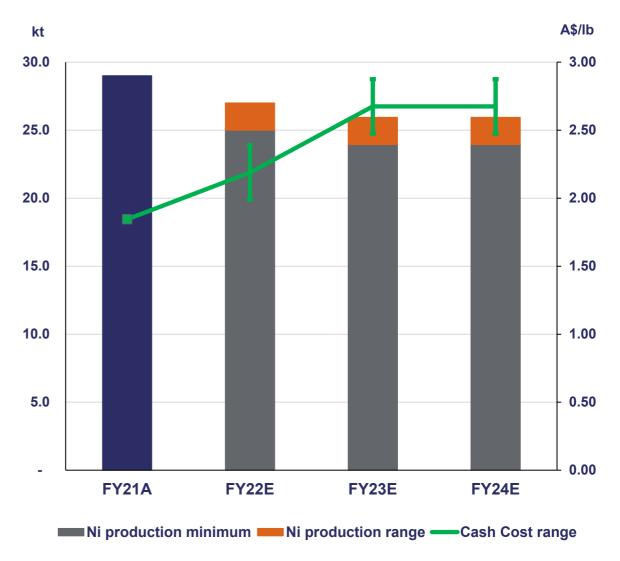
## Nova





Metric	Units	FY22 Guidance
Nickel in concentrate	t	25,000 to 27,000
Copper in concentrate	t	11,000 to 12,500
Cobalt in concentrate	t	900 to 1,000
Cash cost (payable)	A\$/Ib Ni	2.00 to 2.40
Sustaining/improvement capex	A\$M	19 to 22
Development capex	A\$M	5 to 7

#### FY22-24 Nova Guidance<sup>1</sup>



1. Directional guidance based on consensus commodity price forecasts

# **Silver Knight**

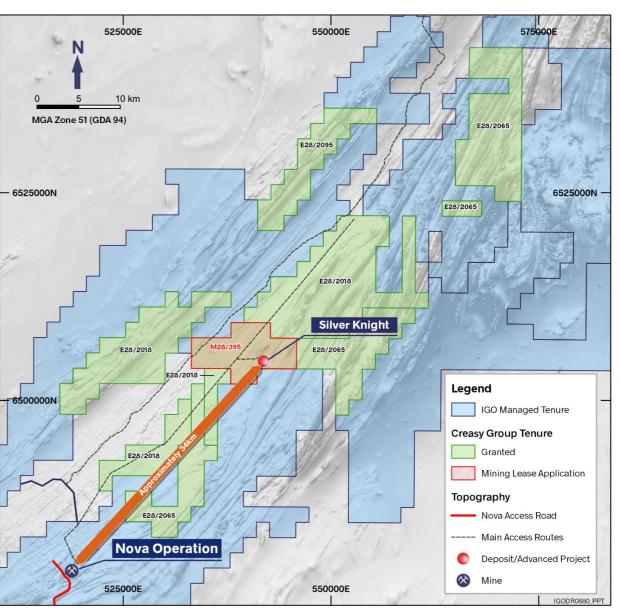
#### Near-Nova nickel sulphide development project



**Acquisition from Creasy Group for A\$45M completed in October 2021** 

Infill drilling program to commence 2Q22 to inform and update resource estimate during 2H22

Planning underway for exploration programs around Silver Knight





#### **Lithium Joint Venture**

#### **Transformational transaction with Tianqi completed in June 2021**



#### World class lithium portfolio with scale, quality, life and strong ESG credentials





Greenbushes (IGO: 25%)
World's lowest cost and highest grade hard rock lithium mine

Kwinana (IGO:49%)
Australia's first fully automated LiOH plant

#### **Greenbushes**

#### World's largest, highest grade and lowest cost hard rock lithium resource



Located 240km south of Perth, Western Australia

Active lithium mine for 20+ years utilising a local workforce

Large open pit mine with multiple onsite concentrator facilities to produce spodumene concentrate



Refer to ASX Announcement titled "IGO Invests in Global Lithium JV with Tianqi" and "IGO / Tianqi Lithium JV Presentation" – 9 December 2020

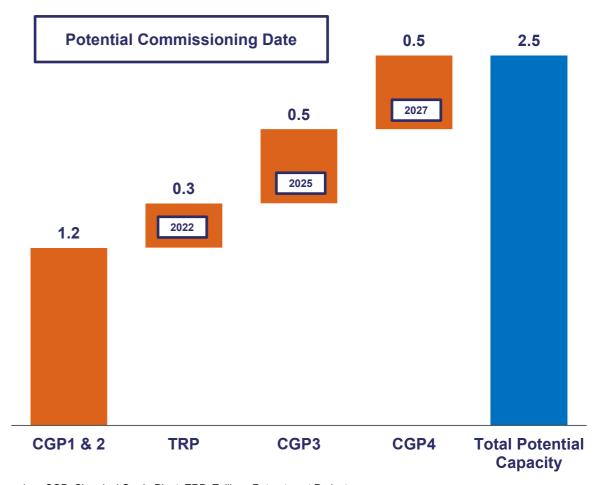
#### **Greenbushes**

#### Spodumene production to expand significantly via new concentrator projects





# Potential spodumene concentrate capacity expansion (Mtpa)



- 1. CGP: Chemical Grade Plant; TRP: Tailings Retreatment Project
- Refer to ASX Announcement titled "IGO Invests in Global Lithium JV with Tianqi" and "IGO / Tianqi Lithium JV Presentation" – 9 December 2020

#### Greenbushes<sup>1</sup>

#### Good progress on expansion projects since transaction completion



**Chemical Grade Plant 2 (CGP2)** commissioning commenced in May 2021 and ramp up is well progressed

Tailings Retreatment Project (TRP) under construction with commissioning expected to commence in 3Q22

**EPCM** contract for CGP3 awarded to Lycopodium





Refer to ASX Announcement titled "September 2021 Quarterly Activities Report" - 1 November 2021



# Kwinana Refinery<sup>1</sup>

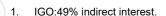
Downstream processing facility to produce battery grade lithium hydroxide



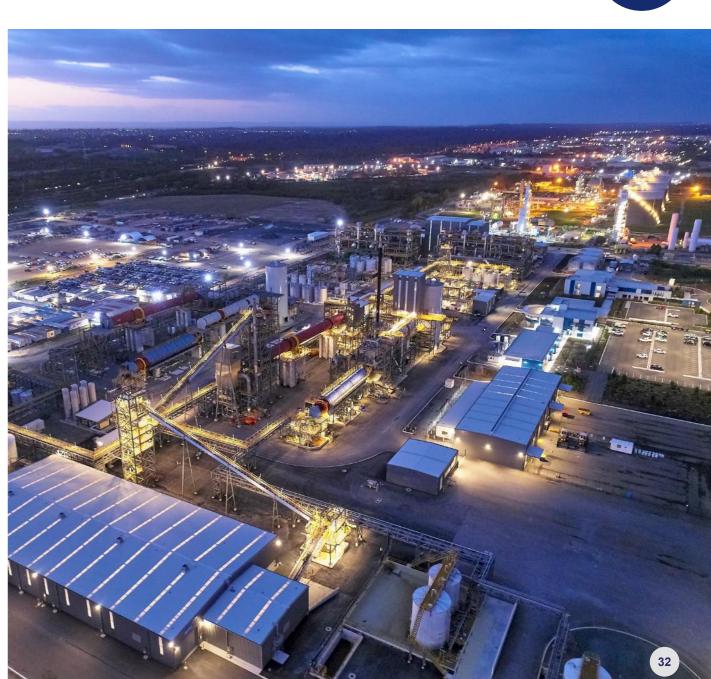
Located in the Kwinana Industrial area, south of Perth

Fully automated processing facility converting Greenbushes spodumene concentrate into LiOH

**Existing offtake contracts with South Korean and European battery makers** 



Refer to ASX Announcement titled "IGO Invests in Global Lithium JV with Tianqi" and "IGO / Tianqi Lithium JV Presentation" – 9 December 2020



# Kwinana Refinery<sup>1</sup>

#### **Commissioning of Train 1 progressing to plan**



First lithium hydroxide produced from Train 1 during August 2021

Process commissioning progressing from batch to continuous basis; battery grade product expected by March 2022

Recommencement of Train 2 construction expected during CY22



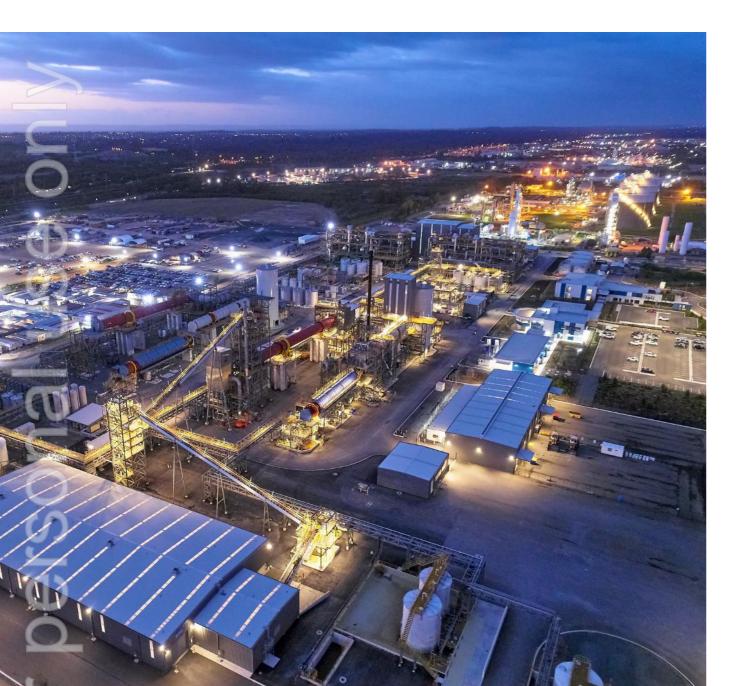
Refer to ASX Announcement titled "September 2021 Quarterly Activities Report" - 1 November 2021



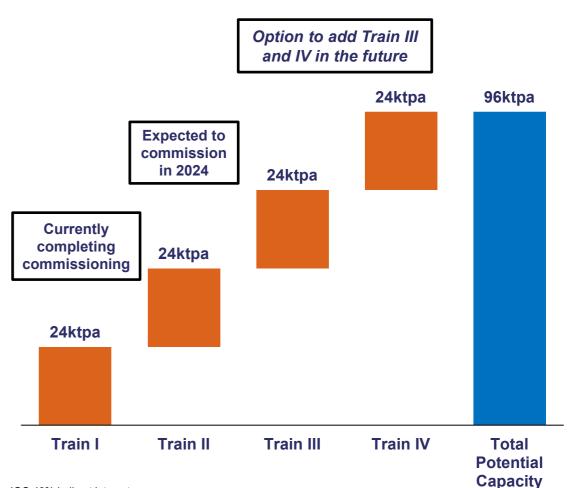
# **Kwinana Lithium Hydroxide Refinery**

Significant expansion potential





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



- IGO:49% indirect interest.
- . Refer to ASX Announcement titled "IGO Invests in Global Lithium JV with Tianqi" and "IGO / Tianqi Lithium JV Presentation" 9 December 2020



## **Tropicana**

#### **Successfully divested in FY21**





Delivered within guidance until sale in May 2021

Sold to Regis Resources for A\$889M

Completes transformation to be 100% clean energy metals focused

1. Results reflect the year-to-date until 31 May 2021.

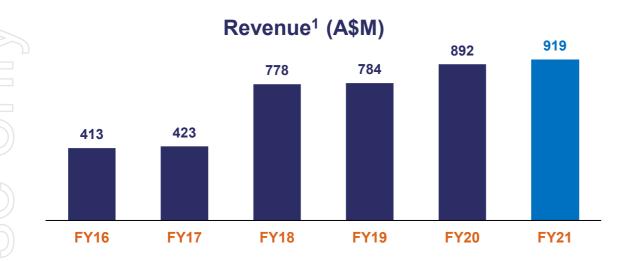


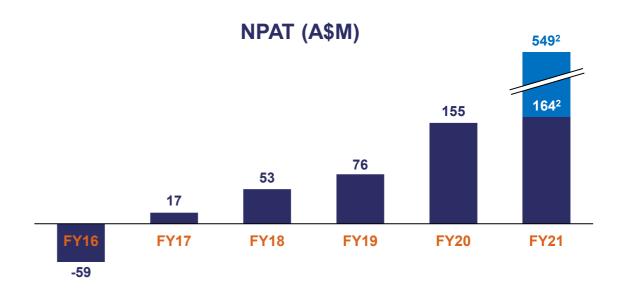


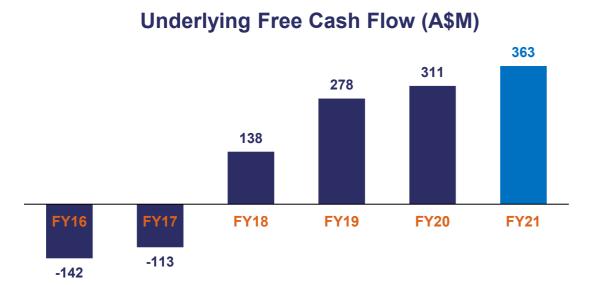
#### **FY21 Results**

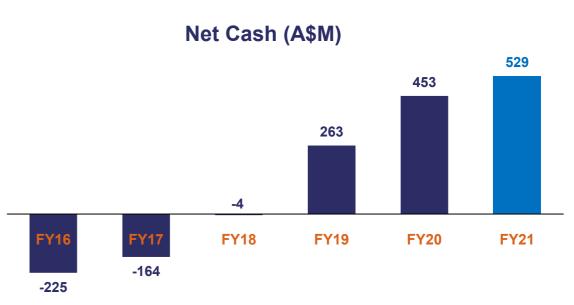
#### Record results across all key financial metrics











Includes Other Income

<sup>.</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.

#### **FY21 Dividend**

#### **Enduring commitment to making cash returns to shareholders**



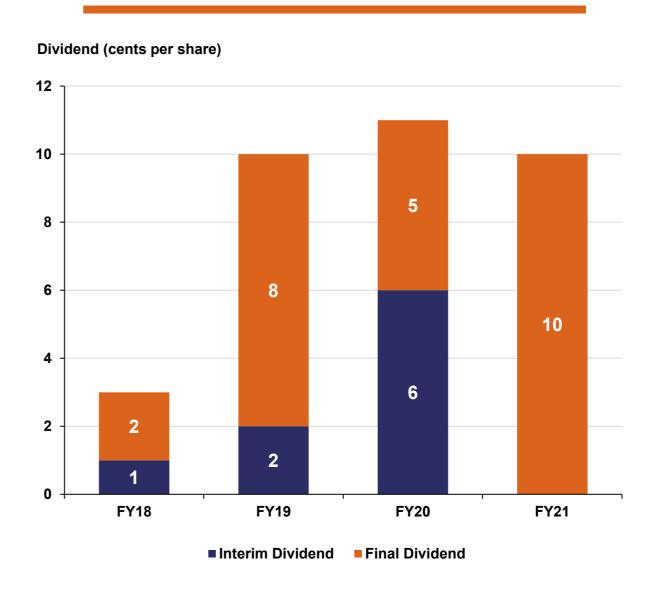
# Interim dividend in FY21 deferred due to Tianqi JV transaction

Final Dividend

10c per share (fully franked)

Total FY21 dividend payout A\$76M

#### **Dividend History (cents per share)**



# **Capital Management**

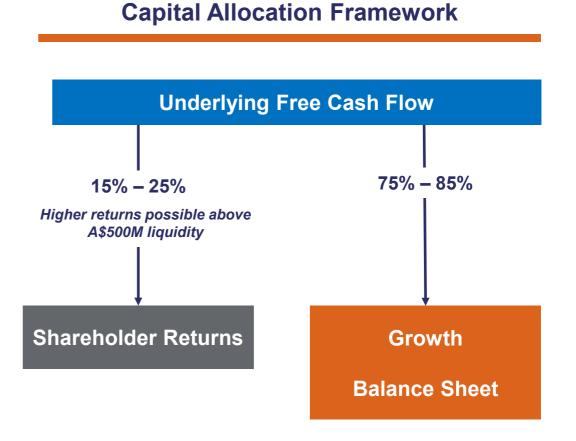
**Revised Shareholder Returns Policy for FY22** 



Policy amended to reflect business transformation

Intent to balance shareholder returns with retaining funds for growth

IGO building its franking account in FY22 enabling current and future frankable dividends to shareholders

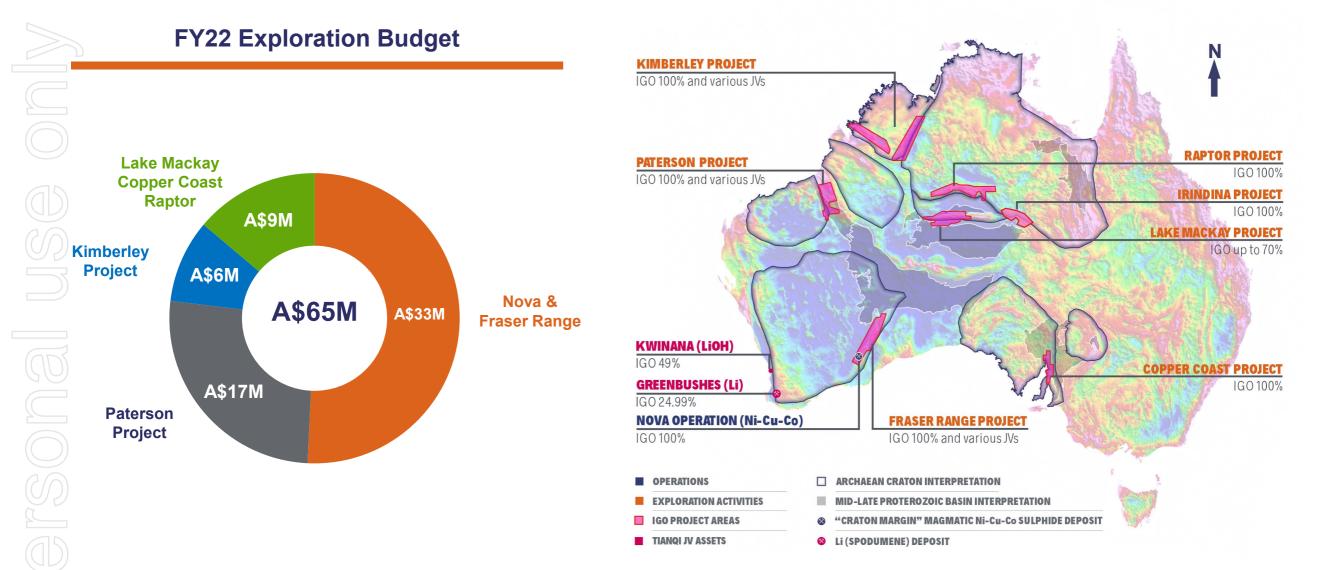




# **Exploration Strategy**

#### Committed to investing in growth through discovery





#### **Near Nova**

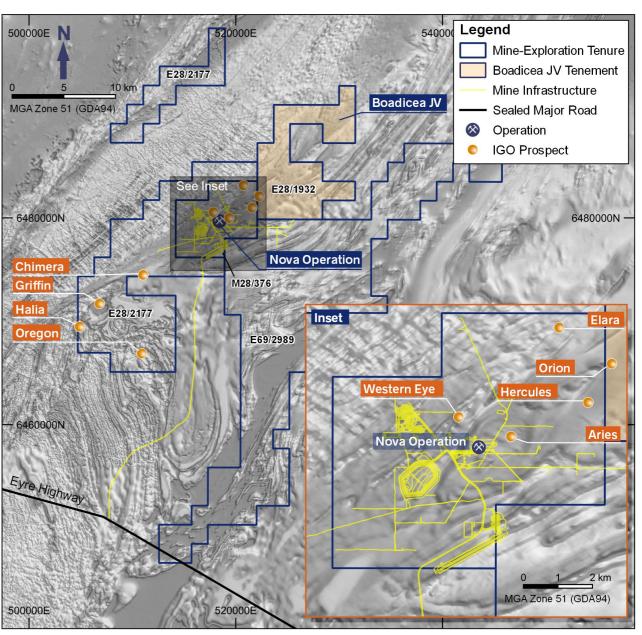
#### Targeting Nova 2.0 with several key targets identified



Orion and Chimera are our highest priority target

Discovery close to Nova could utilize existing Nova infrastructure

Focus in FY22 to progress high priority targets



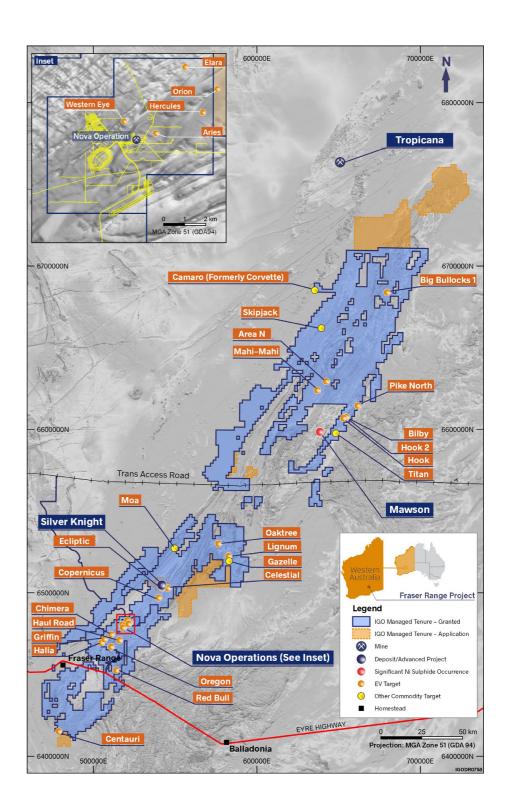
# **Fraser Range Project**

Significant land package targeting nickel sulphides

12,000km<sup>2</sup>+ land position over 400km in length

Discoveries elsewhere demonstrate the belts fertility and perspectivity for further discovery

Several targets to be drill tested over FY22





# **Paterson Project**

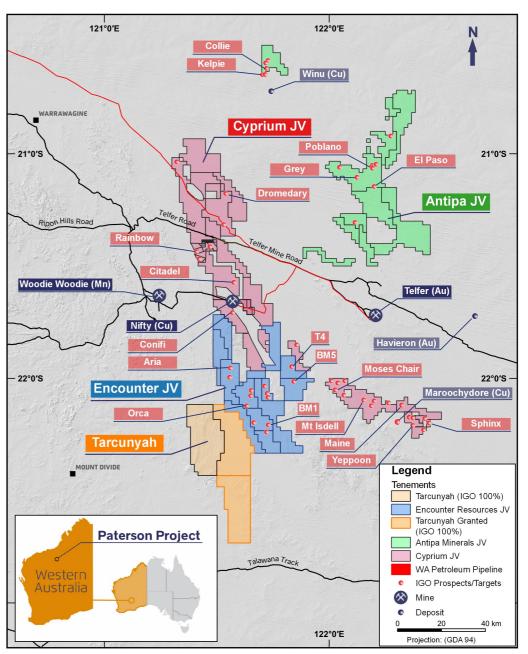
Targeting high value sediment-hosted copper deposits



Large land holding via several exploration joint ventures

Much of IGO's portfolio has been underexplored

IGO focus is on applying latest science and technology to generate new targets





#### **Outlook for FY22**

Focus on driving returns from our clean energy metals business



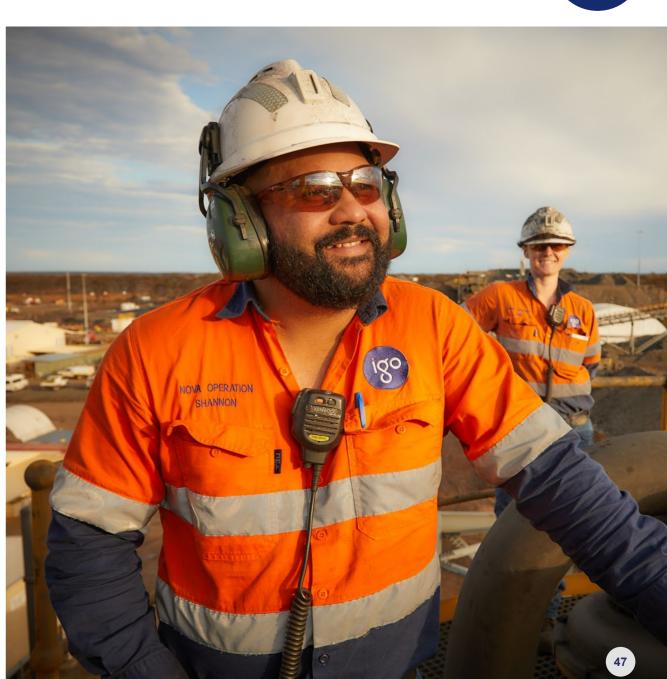
**Execute on Lithium JV growth opportunities** 

Continue delivering operational excellence at Nova

Maintain our commitment to unlocking value through exploration and discovery

Continue to invest in growth and people

Accelerate our response to climate change



# **Cautionary Statements & Disclaimer**



- This presentation has been prepared by IGO Limited ("IGO") (ABN 46 092 786 304). It should not be considered as an offer or invitation to subscribe for or purchase any securities in IGO or as an inducement to make an offer or invitation with respect to those securities in any jurisdiction.
- This presentation contains general summary information about IGO. The information, opinions or conclusions expressed in the course of this presentation should be read in conjunction with IGO's other periodic and continuous disclosure announcements lodged with the ASX, which are available on the IGO website. No representation or warranty, express or implied, is made in relation to the fairness, accuracy or completeness of the information, opinions and conclusions expressed in this presentation.
- This presentation includes forward looking information regarding future events, conditions, circumstances and the future financial performance of IGO. Often, but not always, forward looking statements can be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue" and "guidance", or other similar words and may include statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs. Such forecasts, projections and information are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are beyond IGO's control, which may cause actual results and developments to differ materially from those expressed or implied. Further details of these risks are set out below. All references to future production and production guidance made in relation to IGO are subject to the completion of all necessary feasibility studies, permit applications and approvals, construction, financing arrangements and access to the necessary infrastructure. Where such a reference is made, it should be read subject to this paragraph and in conjunction with further information about the Mineral Resources and Ore Reserves, as well as any Competent Persons' Statements included in periodic and continuous disclosure announcements lodged with the ASX. Forward looking statements in this presentation only apply at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information IGO does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.
- 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.
- All currency amounts in Australian Dollars unless otherwise noted.
- Quarterly Financial Results are unaudited.
- · Net Debt is outstanding debt less cash balances and Net Cash is cash balance less outstanding debt.
- Cash Costs are reported inclusive of Royalties and after by-product credits on per unit of payable metal basis, unless otherwise stated.
- IGO reports All-in Sustaining Costs (AISC) per ounce of gold for its 30% interest in the Tropicana Gold Mine using the World Gold Council guidelines for AISC. The World Gold Council guidelines publication was released via press release on 27 June 2013 and is available from the World Gold Council's website.
- 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 Tiangi.
- 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 (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.

# igo 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 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.