### **INDEPENDENCE GROUP NL**

Peter Bradford, Managing Director and CEO

**Annual General Meeting Presentation** 

16 December 2015





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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.
- Any references to IGO Mineral Resource and Ore Reserve estimates, other than Nova Project Ore Reserves, should be read in conjunction with IGO's ASX Release dated 28 October 2015 (2015 Mineral Resource and Ore Reserve), and, in the case of Nova Project Ores Reserves, IGO's ASX Release dated 14 December 2015, which are available on the IGO website.
- All currency amounts in Australian Dollars unless otherwise noted.
- · 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 tax expense, finance costs, interest income, asset impairments, depreciation and amortisation, and once-off transaction costs.

### **Highlights and achievements**

Vision and Strategy We have a clearly articulated vision and a focussed strategy Sustainability A year of continuous improvement and capacity building

Financial Performance Record revenue and operating Cashflow delivered in FY15



**Operations** Production and cash costs at or better than guidance at all operations



**Growth** Successfully completed acquisition of Nova Project and Optimisation Study

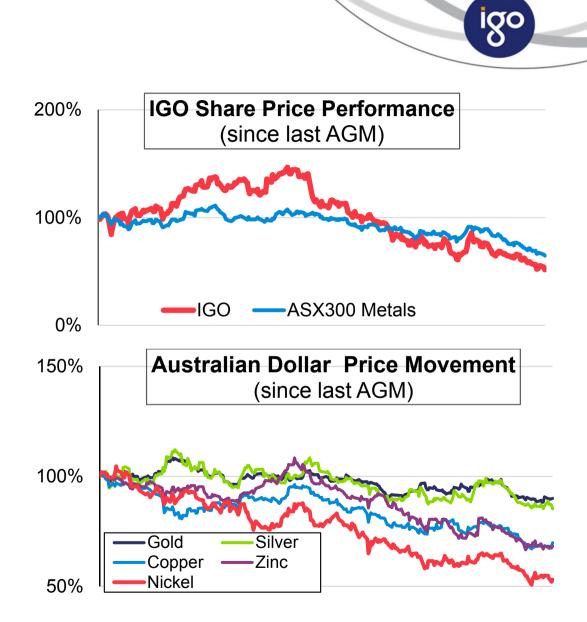


People & Organisation Strengthened senior management team

### FY2015 in retrospect

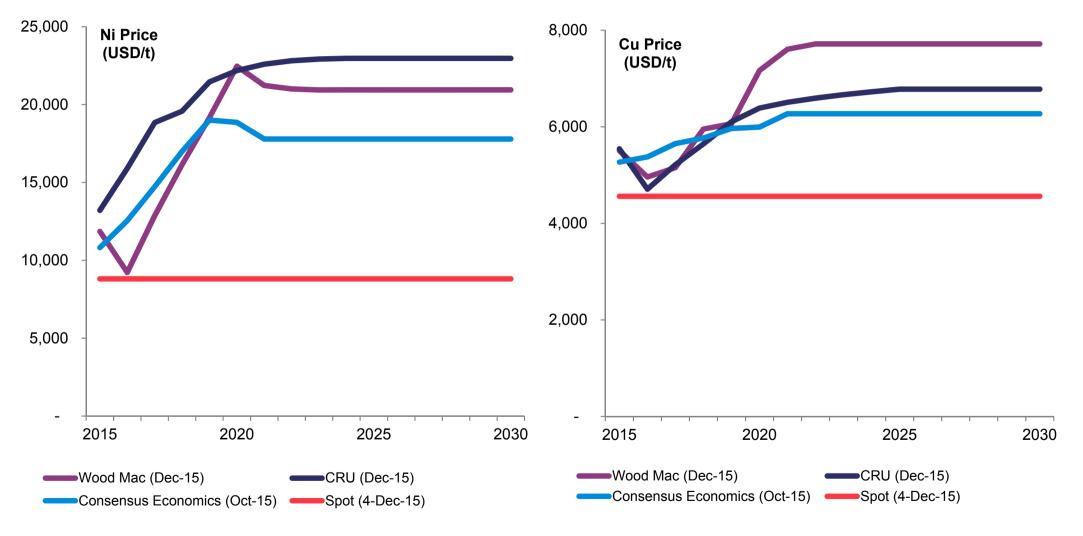
#### A roller coaster journey

- Consistent delivery against guidance
- Maintained strong performance against backdrop of significant commodity price deterioration
- Completed transformational acquisition of Nova Project
- Completed Optimisation Study for Nova Project to deliver 36% extra value on a like for like basis
- Negotiated \$550M finance package
- Delivered promising brownfields and greenfields exploration results
- Strengthened management team



### Medium to long term outlook is positive

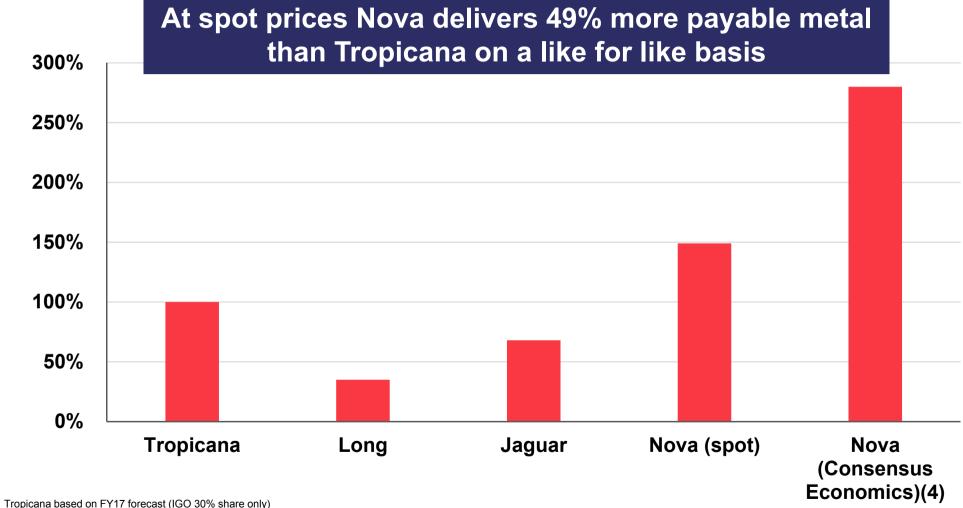
**Delivery of first production from Nova could be perfectly timed** 



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### **Relative metal production**

#### **Relative to Tropicana**



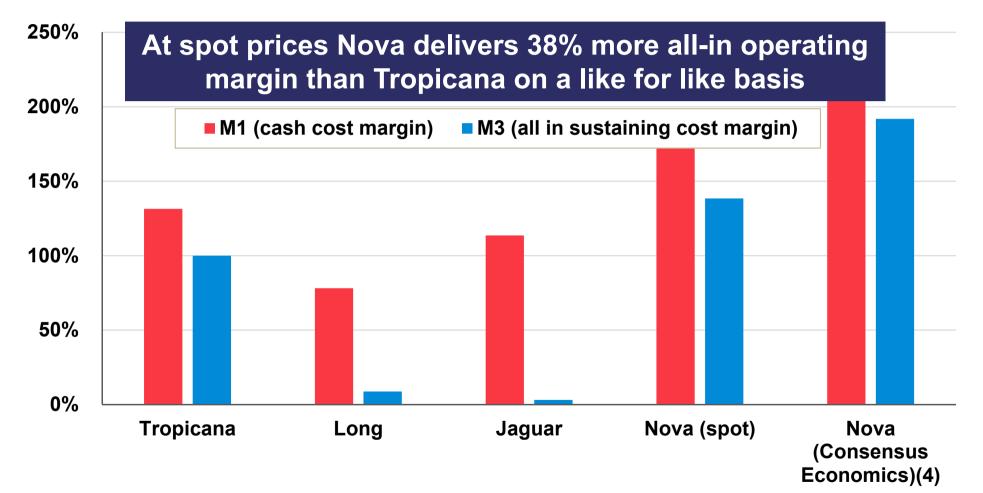
Tropicana based on FY17 forecast (IGO 30% sł
 Long and Jaguar based on FY16 guidance

Nova based on Optimisation Study Life of Mine average

4) Using Consensus Economics October 2015 Forecasts

### **Relative operating margin**

Operating margin relative to Tropicana M3 (all in sustaining cost margin)



1) Tropicana based on FY2017 estimate (30% IGO share)

2) Long and Jaguar based on FY2016 guidance

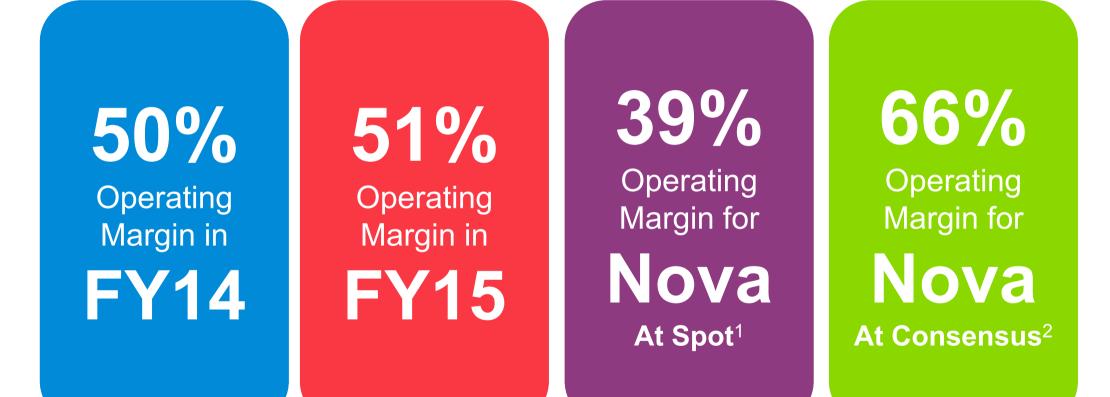
3) Nova based on Optimisation Study Life of Mine Average

4) Using Consensus Economics October 2015 Forecasts

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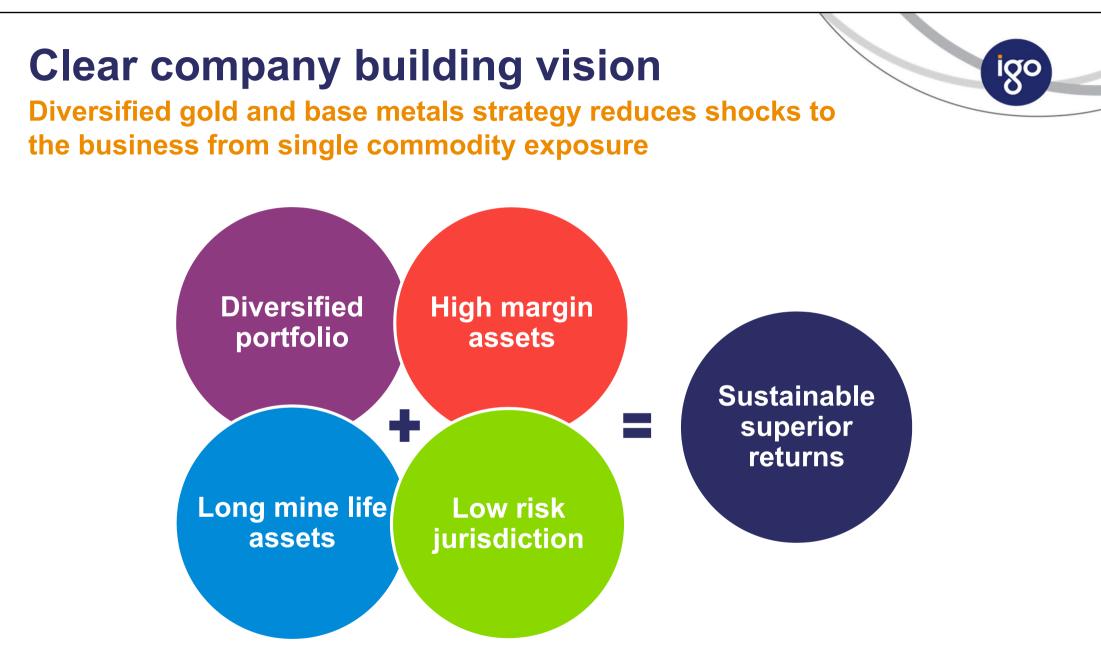
### Focus on operating margin

Delivered by a strategic focus on high margin assets



1) Life of mine operating margin based on spot commodity prices and exchange rates on 4 December 2015

2) Life of mine operating margin using commodity price and foreign exchange rates from Consensus Economics (October 2015)



### **Transforming vision into reality**

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Deliver Nova Project on time and on budget with first production in December 2016

Maintain track record of consistent delivery to meet/beat guidance

Allocate/defer capital to proactively manage balance sheet

Focus on triple bottom line

### **Recent financial results**

#### Track record of consistent delivery

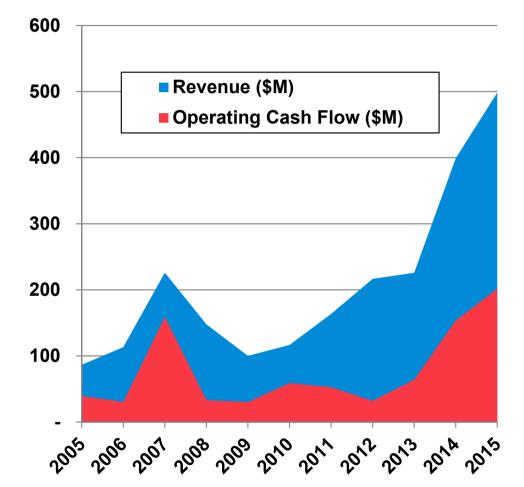
## Great year in FY15 with strong growth in all financial metrics

- \$499M revenue
- \$213M underlying EBITDA
- \$116M Free cash flow

#### Continued strong performance in 1Q16 despite lower base metals prices

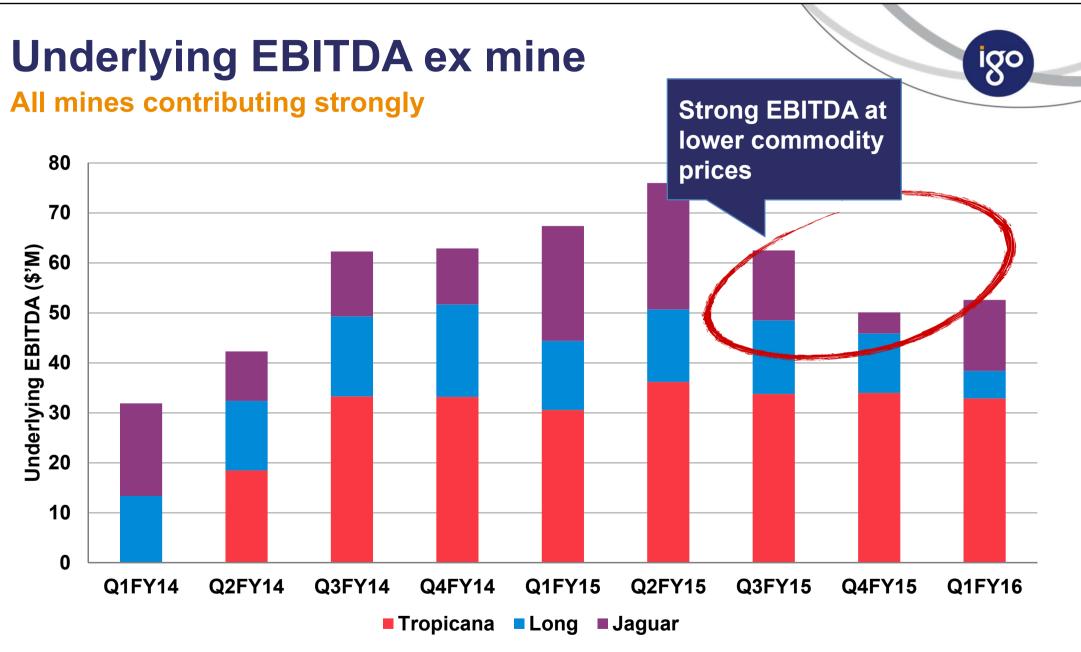
- \$124M unaudited revenue
- \$40M unaudited underlying EBITDA<sup>1</sup>
- \$13M unaudited underlying NPAT<sup>2</sup>

#### Strong balance sheet

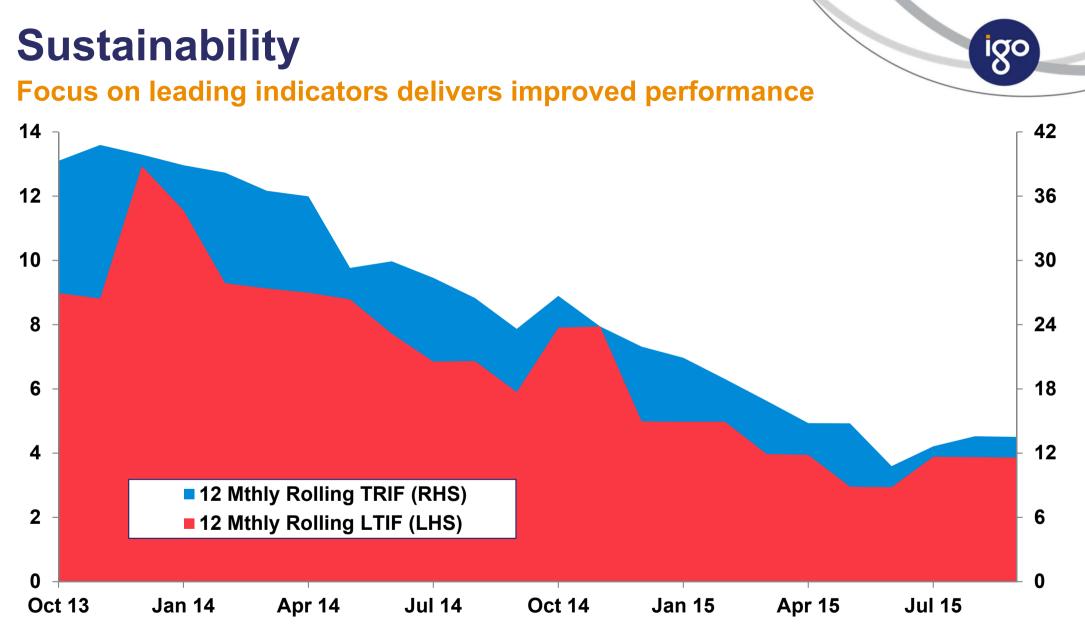


1) Underlying EBITDA is a non-IFRS measure and comprises net profit or loss after tax, adjusted to exclude tax expense, finance costs, interest income, asset impairments, depreciation and amortisation

2) FY16 reported as underlying NPAT before \$63.6M of Sirius transaction costs



1) Underlying EBITDA is a non-IFRS measure and comprises net profit or loss after tax, adjusted to exclude tax expense, finance costs, interest income, asset impairments, depreciation and amortisation



1) LTIF is lost time injury frequency rate expressed in number of injuries per million hours worked

2) TRIF is total recordable injury frequency rate expressed in number of injuries per million hours worked

### **2015 Sustainability Report**

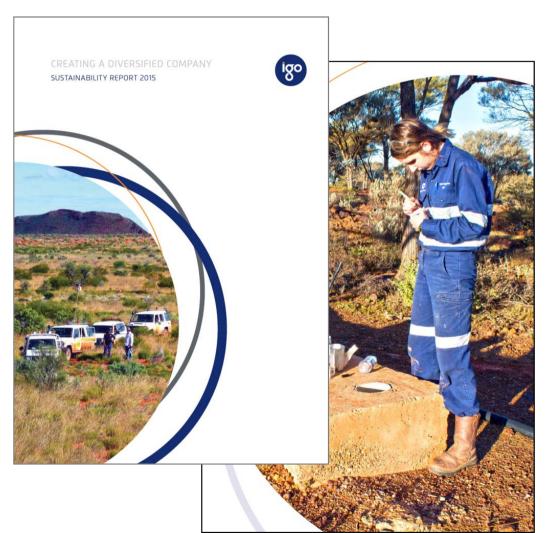
#### First Sustainability Report for IGO

## IGO has a clear approach to sustainability based on:

- the International Council on Mining and Metals (ICMM) Sustainable Development Principles
- defined Policies and Standards, including a commitment to transparency
- risk management driven business systems
- genuine engagement with our stakeholders
- a focus on material issues

## Underpinned by governance processes overseen by

- Executive Committee
- Board's Sustainability and Risk Committee



### **IGO** asset portfolio

#### Portfolio of high margin gold and base metals assets

Mining			Construction	Permitting	Exploration
Au	Ni	Zn/Cu	Ni/Cu	Cu/Zn	
TROPICANA	LONG	JAGUAR	NOVA	STOCKMAN	VARIOUS
30% JV Interest	100% owned	100% owned	100% owned	100% owned	70-100%
West Australia	West Australia	West Australia	West Australia	Vic, Australia	Australia
135,000oz <sup>(1)</sup>	8,750t Ni <sup>(1)</sup>	37,500t Zn + 7,750t Cu <sup>(1)</sup>	26,000t Ni + 11,500t Cu <sup>(3)</sup>	15,000t Cu + 26,000t Zn <sup>(4)</sup>	Au, Ni, Cu, Zn
\$675/oz <sup>(1)(2)</sup>	\$3.75/lb Ni <sup>(1)(2)</sup>	\$0.50/lb Zn <sup>(1)(2)</sup>	\$1.21/lb Ni <sup>(3)</sup>	\$1.30/lb Cu <sup>(2)(4)</sup>	
			\$323M capex <sup>(5)</sup>	\$202M capex	

1) FY16 guidance range mid-point (refer to IGO ASX releases dated 24 August and 9 September 2015)

2) Cash costs are inclusive of royalties and net of by-product credits per unit of payable metal (refer to IGO ASX releases dated 24 August and 9 September 2015)

 Nova production and cash costs are average LOM production and cash costs from Optimisation Study (refer to IGO's ASX release dated 14 December 2015) and cash costs are shown net of by-product credits and per unit of metal in concentrate.

4) Stockman production and cash costs are average LOM production and cash costs from Optimisation Study (refer to IGO ASX release dated 28 November 2014)

5) Nova CAPEX \$443M with \$120M spent to end of September quarter 2015 (refer to IGO ASX Release dated 29 October 2015)

#### **Tropicana overview**



#### One of Australia's lowest cost, open pit gold mines of scale

#### Low cost and long mine life

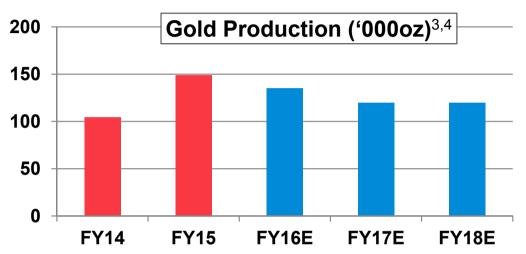
- 30% IGO and 70% AngloGold Ashanti
- 3 Moz Ore Reserves<sup>1</sup> contained within 7 Moz Resource<sup>1</sup>

#### \$135M underlying EBITDA in FY15<sup>2</sup>

- Debottlenecking processing plant from 5.8 Mtpa to +7.0 Mtpa
- Delivers 400,000 oz/yr gold production rate<sup>3</sup>

#### FY16 Guidance<sup>4</sup>

- 135,000oz (IGO share) at cash cost of \$675/oz and AISC of \$865/oz
- Sustaining capex of \$9M and exploration of \$10M





- 1) As at 30 June 2015 (refer to IGO ASX release dated 28 October 2015)
- 2) Underlying EBITDA is a non-IFRS measure (refer to Disclaimer page)

4) Mid-point of guidance range for IGO 30% share

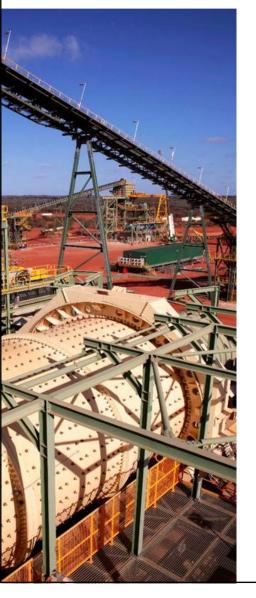
<sup>3)</sup> Based on ~7.0 Mtpa throughput, 2 g/t average reserve grade and 90% average recovery

### Tropicana upside

ANGLOGOLD ASHANTI

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#### Significant potential to extend mine life beyond initial 10 years



#### Gas project completion by mid-2016

• Pipeline complete and now progressively converting powerhouse

#### Process plant debottlenecking ongoing

- Work underway to debottleneck processing plant to +7.0 Mtpa
- Expect to complete debottlenecking in mid-2016

#### **Resource extension drilling underway**

- Targets generated by 3D seismic survey
- Focussed on down dip resource potential and along strike extensions
- Expect to complete framework drilling (100x100m) by mid-2016

## Studies underway to investigate opportunities to reduce mining costs as we mine deeper

• Larger scale equipment and potential for in-pit dumping of waste

#### **Regional exploration continues**

New prospects identified in favourable host sequence

### Jaguar overview

#### High grade Zn-Cu VMS camp

#### \$67M underlying EBITDA in FY15<sup>(1)</sup>

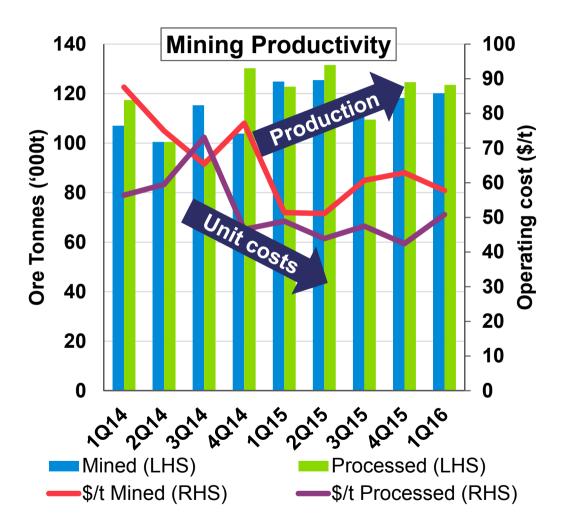
- Focus on productivity
- Significant improvement over last 1-2 years

#### FY16 Guidance<sup>(2)</sup>

- 38kt zinc & 8,000t Cu at \$0.50/lb Zn<sup>(3)</sup>
- Sustaining capex of \$4.5M, development of \$13M and exploration of \$11M

## Known VMS camp with significant exploration upside:

- Convert Flying Spur to reserves to extend mine life and drill Bentley deeps
- Assess potential of Triumph discovery
- Regional exploration potential with over 50km
  of known strike along prospective corridor



<sup>1)</sup> Underlying EBITDA is a non-IFRS measure (refer to Disclaimer page)

<sup>2)</sup> FY16 guidance range mid-point (refer to IGO ASX release dated 24 August 2015)

<sup>3)</sup> Cash costs are inclusive of royalties and net of by-product credits per unit of payable metal (refer to IGO ASX release dated 24 August 2015)

### Long overview

#### History of consistent production and reserve replacement

#### \$55M underlying EBITDA in FY15<sup>(1)</sup>

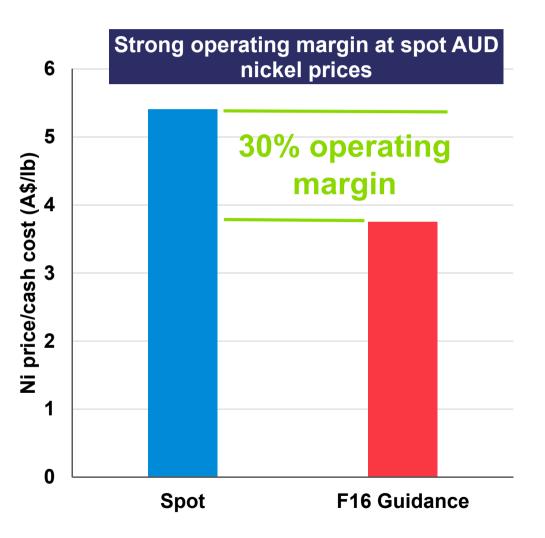
Consistent low cost producer

#### FY16 guidance<sup>(2)</sup>

- Focus on high margin mining areas
- 8,750t Ni at \$3.75/lb<sup>(3)</sup>
- Sustaining capex of \$4M
- Exploration of \$14M

## Actively managing the business to maintain strong operating margins

• Potential to defer exploration and capex



1) Underlying EBITDA is a non-IFRS measure (refer to Disclaimer page)

2) FY16 guidance range mid-point (refer to IGO ASX release dated 9 September 2015)

3) Cash costs are inclusive of royalties and net of by-product credits per unit of payable metal (refer to IGO ASX release dated 9 September 2015)

### Nova overview

World class project delivering scale, high margin and long mine life



#### Project timeline is a testament to project quality

- Discovered in July 2012 construction commenced January 2015
- Acquired by IGO in September 2015

#### Low cost and high margin<sup>1</sup>

• C1 cash costs of \$1.21/lb and all-in sustaining cost of \$1.83/lb

#### Multiple positive cost and payability drivers

- High grade reserve: 13.6Mt @ 2.0% Ni and 0.8% Cu<sup>2</sup>
- Flat lying, thick orebody shape and good ground conditions deliver low development and mining costs
- Coarse mineralogy results in high recoveries
- Low impurities and high Fe:MgO ratio deliver high payabilities

## Significant exploration upside in emerging province

2) As at December 2015 (refer to ASX release dated 14 December 2015)

<sup>1)</sup> Cash Costs and All In Sustaining Costs are based on Optimisation Study (refer to ASX release dated 14 December 2015) and are shown net of by-product credits and per unit of metal in concentrate

### Nova Project design

#### Tried and tested underground mining and processing methods

#### **Underground mining by Barminco**

Conventional longhole open stoping with decline haulage

#### 1.5Mtpa Processing plant

- Conventional flowsheet of crushing, grinding, flotation and filtration
- Differential flotation to produce a Ni-Co concentrate and a Cu concentrate
- LOM tailings dam completed

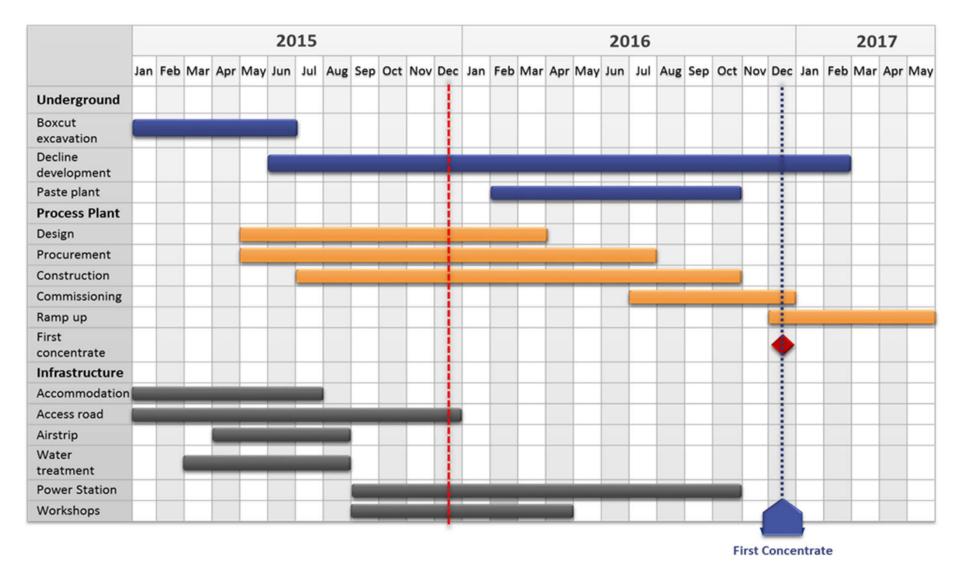
#### **Infrastructure & services**

- FIFO and DIDO workforce
- Sealed roads/airstrip providing all-weather access
- 14MW diesel/gas powerhouse with 6MW solar



### Nova construction on schedule

#### Nova on time and on budget with 56% work completed



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### **Optimisation Study completed**





### IGO delivers significant enhancement in Project value compared to the DFS<sup>1,2</sup>

- 36% improvement on the Project NPV
- 27% reduction in expected C1 cash costs (after by-product credits) in concentrate to \$1.21/lb from \$1.66/lb nickel
- 21% decrease in all-in sustaining cash costs (after by-product credits) in concentrate to \$1.83/lb from \$2.32/lb nickel
- Additional 41%, 108% and 83% of free cash flow generation in CY17, CY18 and CY19

#### Delivers earlier return of capital

- The comparison between the Optimisation Study and the DFS (as released to the market on 14 July 2014) has been completed on a like for like basis with commodity prices and FX exchange assumptions levelled using the latest Consensus Economics (October 2015) commodity price forecasts. Unit operating costs are reported as per the DFS with unit operating costs for the Optimisation Study reported using Consensus Economics commodity price forecasts.
- 2) Relative NPV is pre-tax and real discount rate of 8.0%

### **Optimisation Study unlocks value**

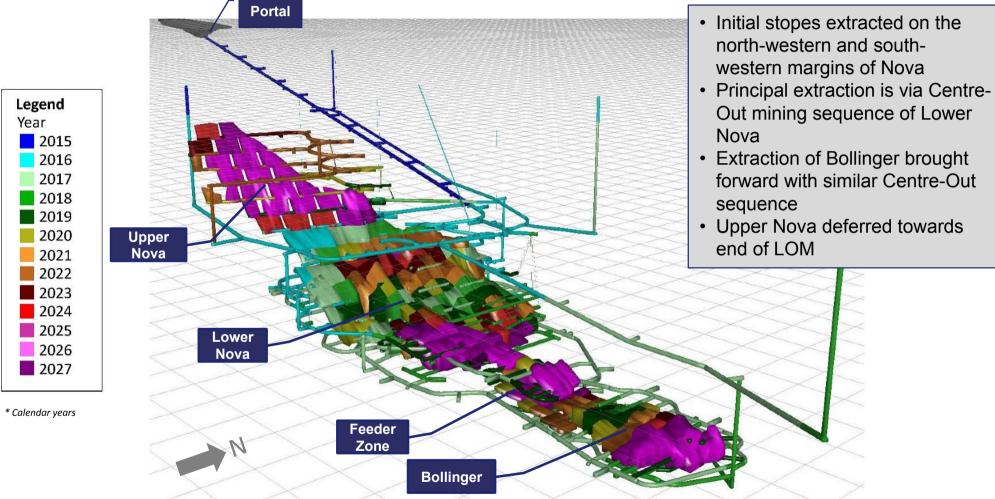
**Relative NPV % Difference between DFS and Optimisation Study** % NPV variance Improved mine 160 scheduling 26% 140 8 120 Better offtake terms % Relative Different 26 5% 136 100 100 36% improvement to 80 Lower operating costs the Project NPV 8% compared to the DFS 60 40 Capital cost savings 20 6% Metallurgical recovery DFS **Offtake Agreements Capital saving Optimised** case

Unlocked additional 36% value on a like for like basis

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### **Updated mining sequence**

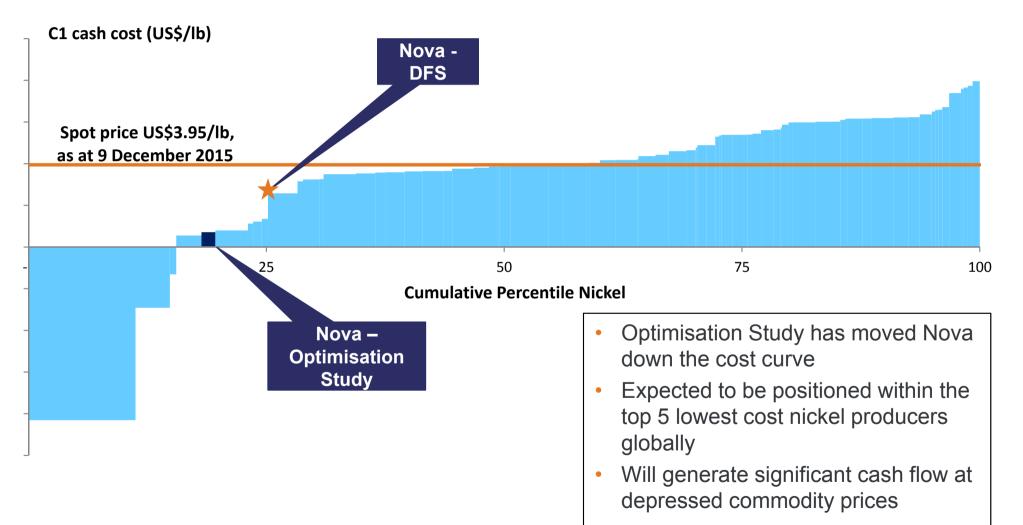
#### Capitalises on faster <u>deve</u>lopment rates



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### Moving down the nickel cost curve

#### We have taken a great nickel project and made it better



1) Source CRU & IGO

2) CRU 2019E nickel cost curve net of by product credits with Nova Project on a like for like basis with DFS and Optimisation Study using the CRU commodity price deck and foreign exchange rate assumptions

### Long term commitment to delivering organic growth

Reshaped the exploration portfolio with a focus on belt scale opportunities

# Fraser Range – Tropicana Belt Lake Mackay Bryah Basin

FY16 greenfields exploration expenditure of \$11M<sup>1</sup>

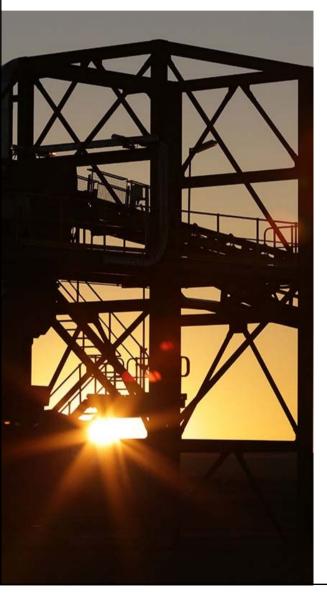


### **Greenfields Exploration**



### **Concluding comments**

Diversified mining company delivering cash flow and growth



Deliver Nova project on time and on budget with first production in December 2016

# Maintain track record of consistent delivery to meet/beat guidance

Allocate/defer capital to proactively manage balance sheet

Focus on triple bottom line

