



# BHP

## December 2023 Half year results

Western Australia Iron Ore

# Disclaimer

The information in this presentation is current as at 20 February 2024. It is in summary form and is not necessarily complete. It should be read together with the BHP Results for the half year ended 31 December 2023.

## Forward-looking statements

This presentation contains forward-looking statements, which involve risks and uncertainties. Forward-looking statements include all statements other than statements of historical or present facts, including: statements regarding: trends in commodity prices and currency exchange rates; demand for commodities; global market conditions; guidance; reserves and resources and production forecasts; expectations, plans, strategies and objectives of management; our expectations, commitments, targets, goals and objectives with respect to social value or sustainability; climate scenarios; approval of certain projects and consummation of certain transactions; closure, divestment, acquisition or integration of certain assets, operations or facilities (including associated costs or benefits); anticipated production or construction commencement dates; capital expenditure or costs and scheduling; operating costs, and supply of materials and skilled employees; anticipated productive lives of projects, mines and facilities; the availability, implementation and adoption of new technologies; provisions and contingent liabilities; and tax, legal and other regulatory developments.

Forward-looking statements may be identified by the use of terminology, including, but not limited to, 'intend', 'aim', 'ambition', 'aspiration', 'goal', 'target', 'prospect', 'project', 'see', 'anticipate', 'estimate', 'plan', 'objective', 'believe', 'expect', 'commit', 'may', 'should', 'need', 'must', 'will', 'would', 'continue', 'forecast', 'guidance', 'outlook', 'trend' or similar words. These statements discuss future expectations or performance, or provide other forward-looking information.

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For example, our future revenues from our assets, projects or mines described in this presentation will be based, in part, on the market price of the commodities produced, which may vary significantly from current levels. These variations, if materially adverse, may affect the timing or the feasibility of the development of a particular project, the expansion of certain facilities or mines, or the continuation of existing assets.

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Other factors that may affect the actual construction or production commencement dates, revenues, costs or production output and anticipated lives of assets, mines or facilities include our ability to profitably produce and deliver the products extracted to applicable markets; the impact of economic and geopolitical factors, including foreign currency exchange rates on the market prices of the commodities we produce and competition in the markets in which we operate; activities of government authorities in the countries where we sell our products and in the countries where we are exploring or developing projects, facilities or mines, including increases in taxes and royalties or implementation of trade or export restrictions; changes in environmental and other regulations; political or geopolitical uncertainty; labour unrest; weather, climate variability or other manifestations of climate change; and other factors identified in the risk factors discussed in section 8.1 of the Operating and Financial Review (OFR) in the BHP Annual Report 2023 and BHP's filings with the U.S. Securities and Exchange Commission (the 'SEC') (including in Annual Reports on Form 20-F) which are available on the SEC's website at [www.sec.gov](http://www.sec.gov).

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## Presentation of data

Unless expressly stated otherwise: variance analysis relates to the relative performance of BHP and/or its operations during the half year ended 31 December 2023 compared with the half year ended 31 December 2022; total operations refers to the combination of continuing and discontinued operations; continuing operations refers to data presented excluding Petroleum from the 2021 financial year onwards; references to Underlying EBITDA margin exclude third party trading activities; data from subsidiaries are shown on a 100% basis and data from equity accounted investments and other operations is presented, with the exception of net operating assets, reflecting BHP's share; medium term refers to a five-year horizon, unless otherwise noted. Throughout this presentation, production volumes and financials for the operations from BHP's acquisition of OZ Minerals Limited (OZL) during FY2023 are for the period of 1 May to 30 June 2023, whilst the acquisition completion date was 2 May 2023. Unless expressly stated otherwise, information and data in this presentation related to BHP's social value or sustainability position or performance does not reflect BHP's acquisition of OZL nor BHP's interest in non-operated assets. Due to the inherent uncertainty and limitations in measuring greenhouse gas (GHG) emissions under the calculation methodologies used in the preparation of such data, all GHG emissions data or references to GHG emissions (including ratios or percentages) in this presentation are estimates. Emissions calculation and reporting methodologies may change or be progressively refined over time resulting in the need to restate previously reported data. There may also be differences in the manner that third parties calculate or report GHG emissions compared to BHP, which means that third-party data may not be comparable to our data. For information on how we calculate our GHG emissions, refer to the BHP Scopes 1, 2 and 3 GHG Emissions Calculation Methodology 2023, available at [bhp.com](http://bhp.com). Numbers presented may not add up precisely to the totals provided due to rounding. All footnote content (except in the Annexures) is contained on slide 20.

## Non-IFRS information

We use various Non-IFRS information to reflect our underlying performance. For further information, the reconciliation of non-IFRS financial information to our statutory measures, reasons for usefulness and calculation methodology, please refer to 'Non-IFRS financial information' on pages 55 to 68 of the BHP Results for the half year ended 31 December 2023.

## No offer of securities

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## BHP and its subsidiaries

In this presentation, the terms 'BHP', the 'Company', the 'Group', 'BHP Group', 'our business', 'organisation', 'we', 'us', 'our' and ourselves' refer to BHP Group Limited and, except where the context otherwise requires, our subsidiaries. Refer to note 30 'Subsidiaries' of the Financial Statements in the BHP Annual Report 2023 for a list of our significant subsidiaries. Those terms do not include non-operated assets. This presentation covers BHP's functions and assets (including those under exploration, projects in development or execution phases, sites and closed operations) that have been wholly owned and/or operated by BHP or that have been owned as a joint venture<sup>1</sup> operated by BHP (referred to in this presentation as 'operated assets' or 'operations') during the period from 1 July 2023 to 31 December 2023.

BHP also holds interests in assets that are owned as a joint venture but not operated by BHP (referred to in this presentation as 'non-operated joint ventures' or 'non-operated assets'). Notwithstanding that this presentation may include production, financial and other information from non-operated assets, non-operated assets are not included in the BHP Group and, as a result, statements regarding our operations, assets and values apply only to our operated assets unless expressly stated otherwise.

1. References in this presentation to a 'joint venture' are used for convenience to collectively describe assets that are not wholly owned by BHP. Such references are not intended to characterise the legal relationship between the owners of the asset.

## Financial results

20 February 2024

# BHP

## Performance summary

Half year ended 31 December 2023

Mike Henry

Chief Executive Officer

Escondida

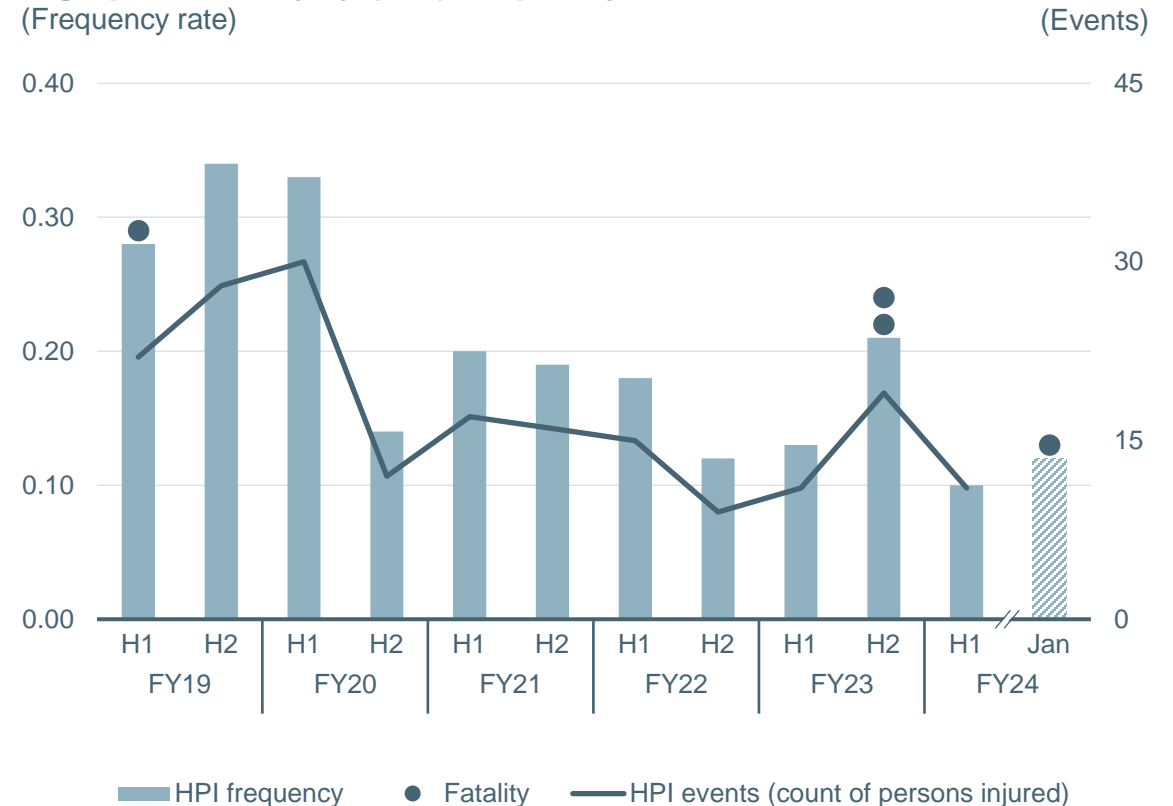


# Working safely

**A coworker was fatally injured at BMA; we are committed to preventing fatalities and serious injuries**

- We are saddened by a coworker losing their life while at work at Saraji, BMA, in January this year
- Investigations are under way into the circumstances of the fatal incident
- Our fatality elimination program includes reinforcing our safety culture and our Field Leadership approach, in addition to hard controls to reduce and eliminate risk
- Ongoing deployment of the BHP Operating System to continuously improve leadership, capability and engagement, and to create better-planned, more stable work processes

**High-potential injury (HPI) frequency**



Note: High-potential injuries are recordable injuries and first aid cases where there was the potential for a fatality. This definition is independent of the Queensland Coal definition of "high potential incident" which is defined in the Queensland Coal Health and Safety legislation. HPI frequency is combined employee and contractor frequency per 1 million hours worked. H1 FY24 and January 2024 HPI includes former OZL. BMA – BHP Mitsubishi Alliance.

# H1 FY24 performance

Coworker tragically lost life in fatal incident at BMA in January 2024

All assets on track to meet FY24 guidance<sup>1</sup>; BMA guidance revised

Half year dividend of 72 US cents per share

Copper South Australia integrated and delivering value

Jansen Stage 2 approved; expected to deliver additional potash growth<sup>2</sup>

Tighter, higher-quality metallurgical coal portfolio in BMA post divestments



# BHP

## Financial results

Half year ended 31 December 2023

David Lamont

Chief Financial Officer

# Financial performance

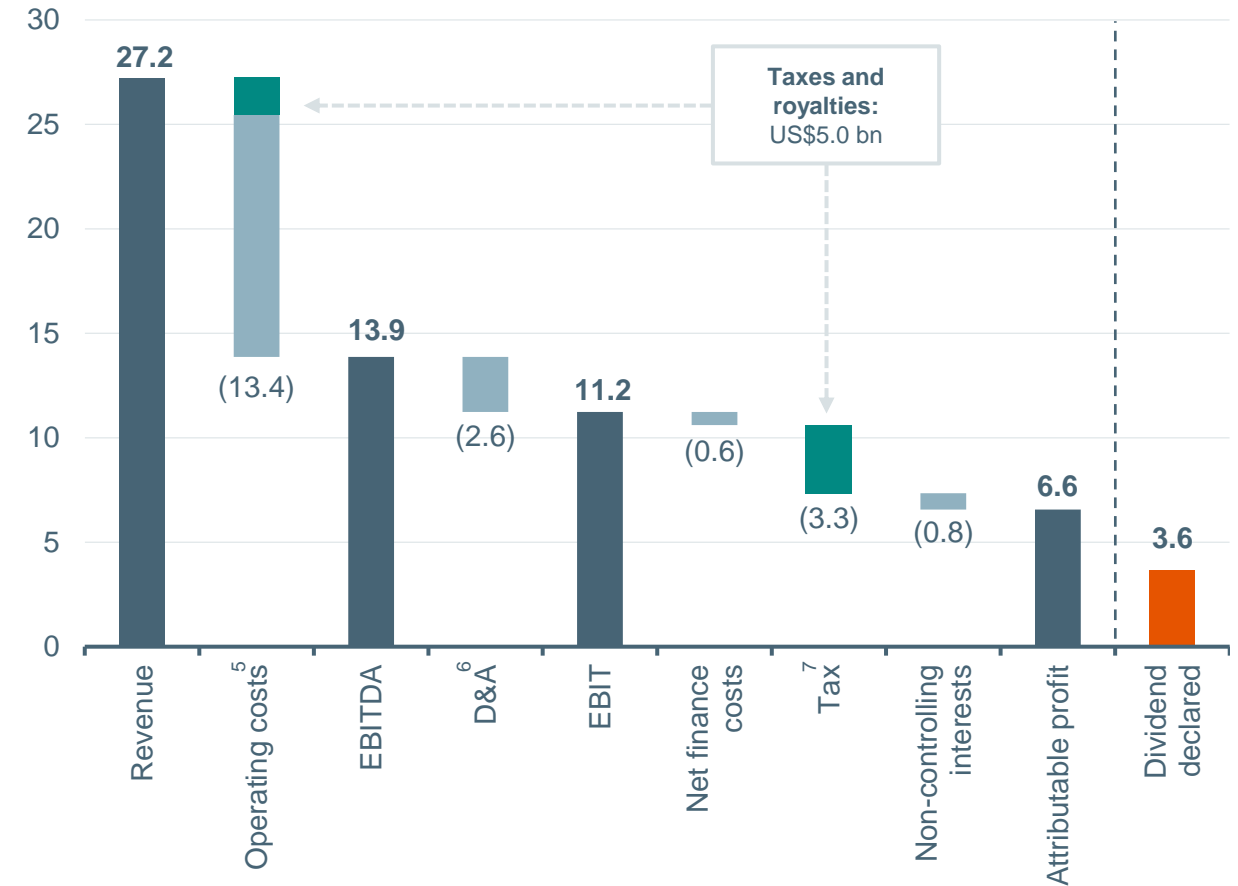
Solid operating performance delivers strong underlying results

## Summary financials

- Underlying EBITDA of **US\$13.9 bn**
  - Underlying EBITDA margin of **53.3%**
- Adjusted effective tax rate of **31.0%**<sup>3</sup>
  - Adjusted effective tax rate including royalties of **40.9%**<sup>3</sup>
- Underlying attributable profit of **US\$6.6 bn** at **26.4%** ROCE
- Half year dividend of **72 US cents** per share, a **56%** payout ratio<sup>4</sup>
- Net operating cash flow of **US\$8.9 bn**
- **US\$4.7 bn** of capital and exploration expenditure
- Free cash flow of **US\$3.8 bn** vs. dividend declared of **US\$3.6 bn**
- Net debt of **US\$12.6 bn** (FY23: US\$11.2 bn)

## Income statement

(US\$ bn, Underlying)



# Exceptional items

## H1 financials impacted by events in nickel and at Samarco

### Western Australia Nickel

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#### Structural challenges in nickel industry, expected to persist

- Surge in supply from Indonesia and acceptance on the London Metal Exchange led to a sharp fall in nickel prices during CY23<sup>8</sup>
- As much as one-half of global production is estimated to be currently loss-making<sup>9</sup>

#### Non-cash impairment of ~US\$2.5 billion (post-tax)

#### Options are being evaluated to mitigate impacts of low realised prices

- Reducing discretionary spend
- Potential for a period of care and maintenance at Nickel West

### Samarco

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#### Good progress on remediation and compensation

- Renova Foundation has spent ~US\$7.2 billion on reparation and compensation programs since 2016<sup>10</sup>
  - ~84% of resettlement cases completed across the region<sup>11</sup>
  - ~430,000 people have received compensation and/or financial assistance
- Commitment includes seeking to reach agreement in Brazil with public authorities

#### Income statement charge of US\$3.2 billion (post-tax)

- Potential future outflows to resolve Brazilian Federal Public Prosecution Office Claim and Framework Agreement obligations
- Material uncertainties remain – e.g. settlement negotiations with Brazilian authorities, appeals/clarification of judgements, Samarco's funding capacity

#### Continuing to defend litigation in Brazil, the UK and Australia

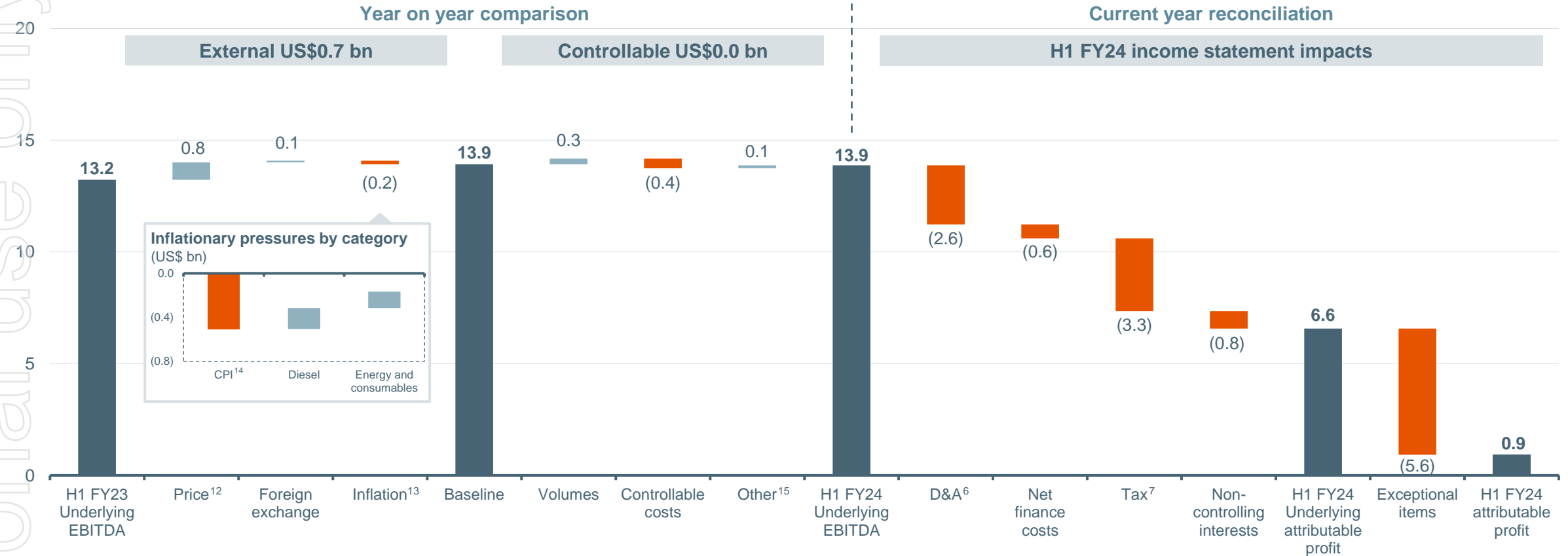
- Included in contingent liabilities



# Group earnings waterfall

Strong controllable cost performance

## Earnings variance and drivers (US\$ bn)



# Segment performance

## Iron ore

Production:	129.0 Mt ↓
Average realised price:	US\$103.70/wmt ↑
EBITDA margin:	69%
WAIO unit cost <sup>16</sup> :	US\$18.46/t
WAIO C1 unit cost <sup>17</sup> :	US\$15.98/t



## Nickel

Production:	39.8 kt ↑
Average realised price:	US\$18,602/t ↓
EBITDA margin:	(24)%



## Copper

Production:	894.4 kt ↑
Average realised price:	US\$3.66/lb ↑
EBITDA margin:	46%
Escondida unit cost <sup>16</sup> :	US\$1.51/lb
Spence unit cost <sup>16</sup> :	US\$1.98/lb



## Potash

- Jansen Stage 1 continues to be on track
  - 38% complete
  - US\$3.9 bn in contracts awarded to date
- Jansen Stage 2 sanctioned
  - >65% engineered



## Metallurgical coal<sup>18</sup>

BMA production:	11.3 Mt ↓
Average realised price:	US\$266.43/t ↓
BMA EBITDA margin:	28%
BMA unit cost <sup>16</sup> :	US\$129.00/t



## Energy coal<sup>19</sup>

NSWEC production:	7.5 Mt ↑
Average realised price - export:	US\$123.29/t ↓
NSWEC EBITDA margin:	22%



Note: WAIO – Western Australia Iron Ore; NSWEC – New South Wales Energy Coal. Arrow indicates movement relative to H1 FY23.

# BHP

## Business update

Half year ended 31 December 2023

Mike Henry

Chief Executive Officer

Copper South Australia



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# Portfolio positively leveraged to megatrends

BHP portfolio shaped to compete in a complex, but opportunity-rich environment



## Traditional demand

Attractive fundamentals

- Population growth
- Urbanisation
- Industrialisation
- Living standards
- Capital stock turnover



## Decarbonisation

Demand amplification, rising material intensity

- Climate-positive land use
- Decarbonising power
- Electrifying transport
- Electrifying buildings
- Decarbonising industry



## Cost competitiveness

Steeper cost curves, margin expansion for best operators

- End-to-end logistics
- Economies of scale
- Operational decarbonisation
- Operational productivity
- Managing labour challenges



## Supply headwinds

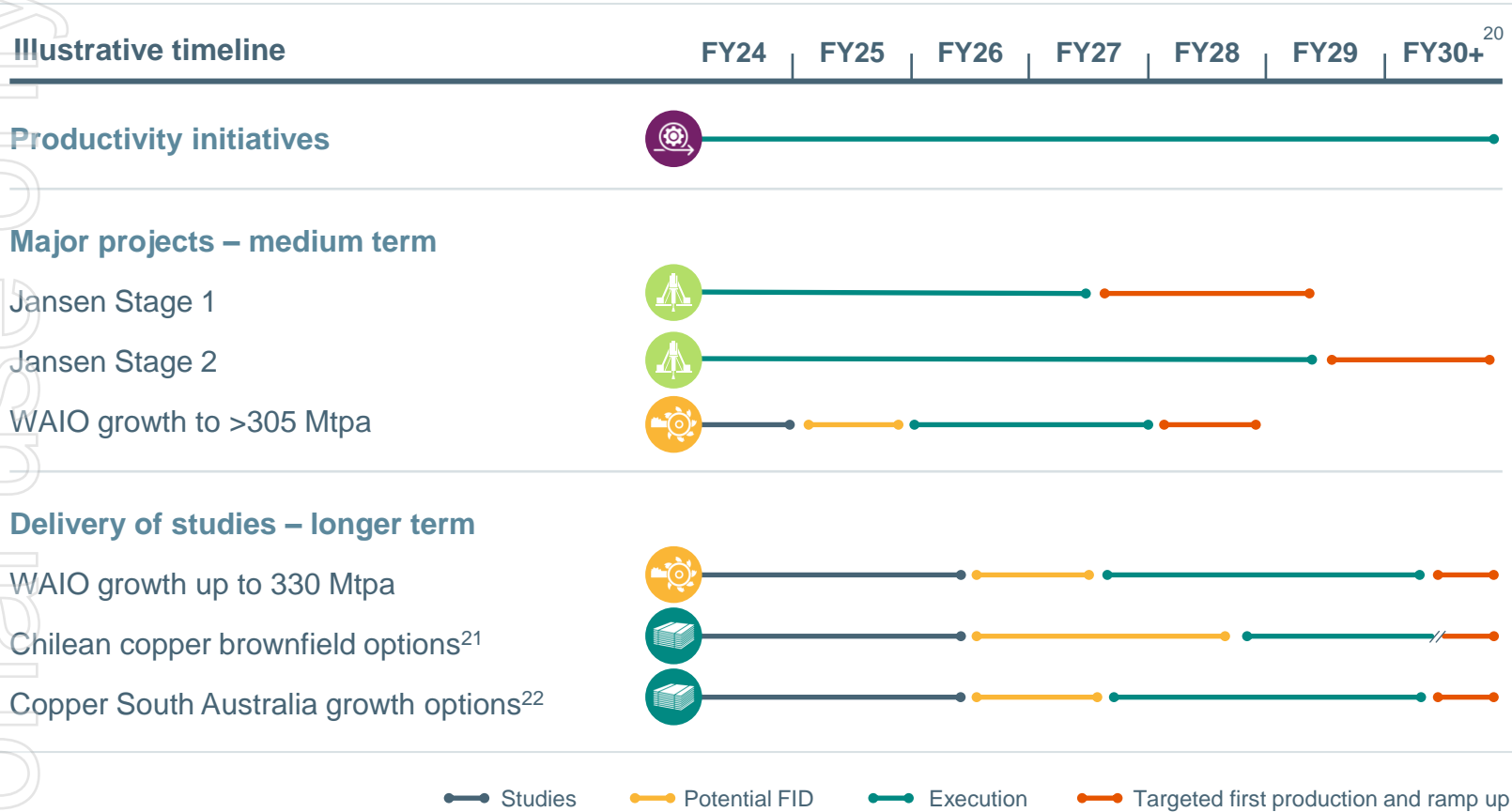
Tighter balances, durable inducement pricing

- Lack of new discoveries
- Changing societal expectations
- Geological inflation
- Regulatory uncertainty
- Geopolitical risk

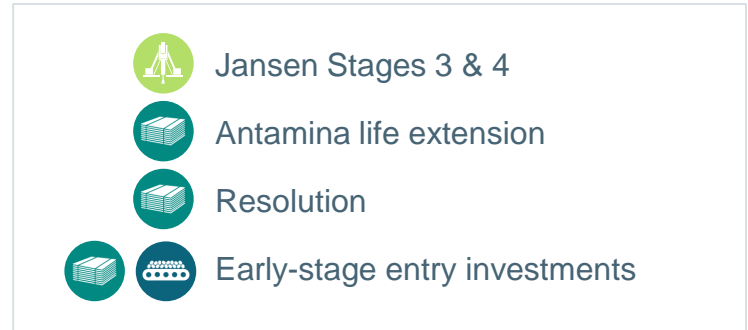
# Growing value over multiple time horizons

A substantial, growing production base with significant long-term optionality

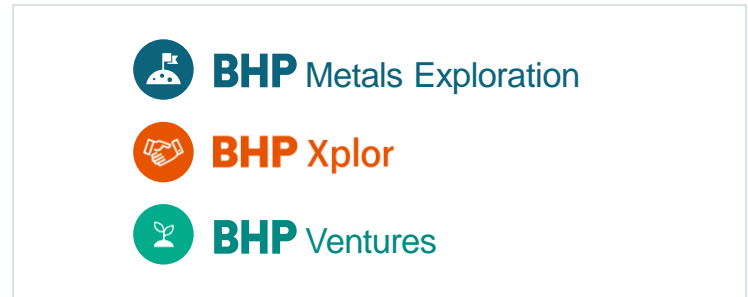
A strong pipeline of growth in execution and under study...



... with additional potential opportunities...



... and creation of more longer term options



Note: FID - Final investment decision.

# Portfolio diversification from an attractive commodity

Jansen will be a modern potash mine, expected to enter the market towards the bottom of the global cost curve<sup>23</sup>



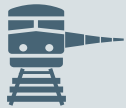
## Stage 2 potential for enhanced returns

- Doubles planned potash production capacity to ~8.5 Mtpa
- ~US\$300 m in potential construction synergies
- Expected to deliver IRR of 15 – 18%, higher than anticipated Stage 1 IRR<sup>24</sup>



## Modern and efficient design

- ~60% less equipment results in lower costs
- Large shafts support low capital intensity expansion options
- Modern plant design expected to deliver high recoveries, with lower GHG emissions and water use<sup>25</sup>



## Diversified customer base

- Expanded marketing team with presence in all major potash buying regions
- Non-binding MOUs signed to cover sales as mine ramps up



Note: MOU – Memorandum of understanding.

# Copper SA: consolidating a significant resource base

Value already delivered ahead of further asset optimisation. Growth via potential two stage smelter FID in FY26/FY27

## Successful integration...

- ✓ Asset President and leadership team established
- ✓ Strong H1 operational performance
- ✓ >US\$50 m EBITDA recurring synergies captured ahead of schedule
- ✓ Projects tracking in line with BHP estimates
- ✓ Unlocking potential through development drilling
- ✓ Exploration efforts progressing at Oak Dam and OD Deeps

... pursuing value on multiple fronts, potential pathway to >500 ktpa<sup>26</sup>

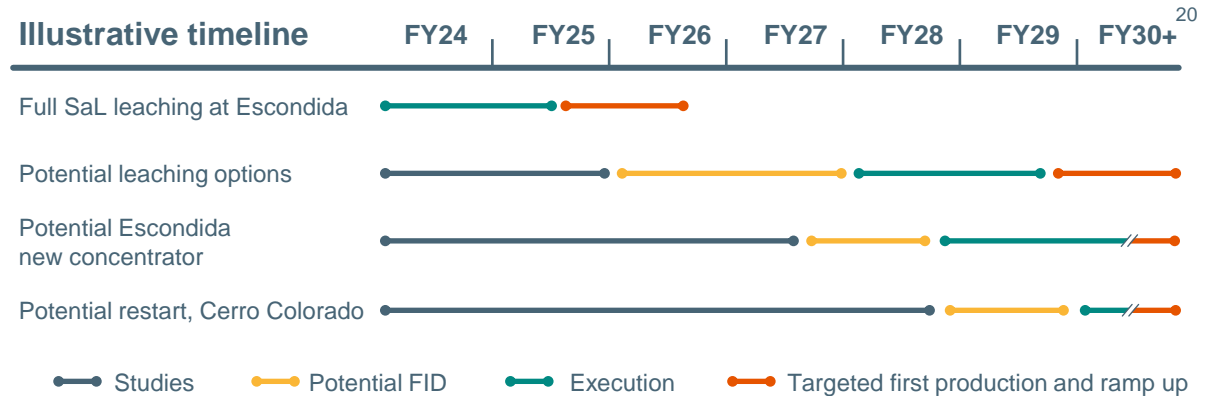
Focus areas			$U_3O_8$ Au			
	Lower transport costs	Lower TC/RCs	More by-products	Improved mining methods	BOS implemented	Resource development

Note: TC/RCs – treatment and refining charges; BOS – BHP Operating System. For further information on OD Deeps refer to slide 25.

# Chilean copper options advancing

A range of growth options being progressed across our copper assets

- On track for an update in CY24
- Studies at Escondida
  - New concentrator to replace Los Colorados
  - Expansion at Laguna Seca 1 and 2 concentrators
  - Five leaching technologies are under study, in trials or in execution
    - Aim to unlock both resource and latent capacity with leaching
- Studies at Spence and Cerro Colorado
  - Sulphide leaching for application at both assets
  - Cerro Colorado moved to temporary care and maintenance with potential for future restart
    - Hypogene sulphide resource of 1,700 Mt @ 0.36% Cu<sup>27</sup>



Note: Cerro Colorado entered temporary care and maintenance in December 2023.

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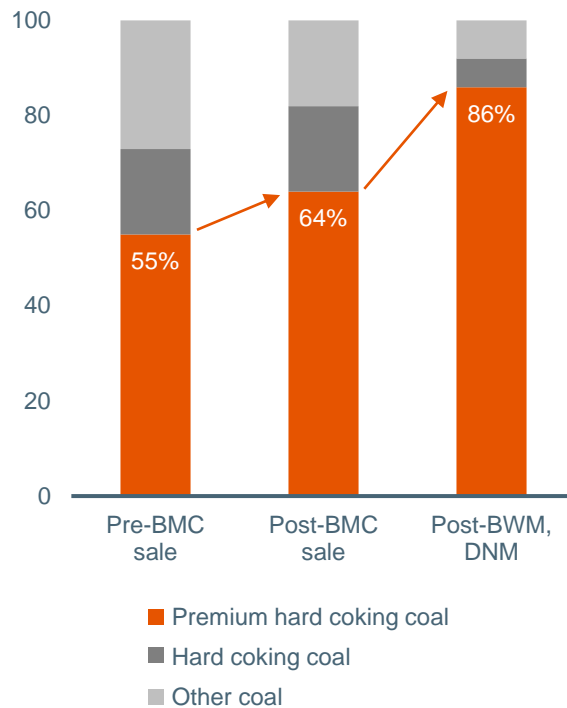


# BMA: a leading producer of higher quality met coal<sup>28</sup>

Blackwater and Daunia sale delivers tighter, high margin coal portfolio<sup>29</sup>

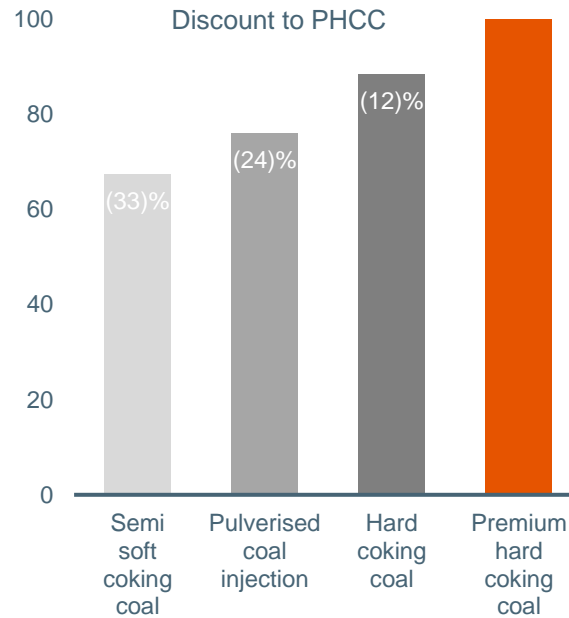
## Increasing exposure to PHCC...

(% of coal product by quality, BHP share)



## ... a higher value product...

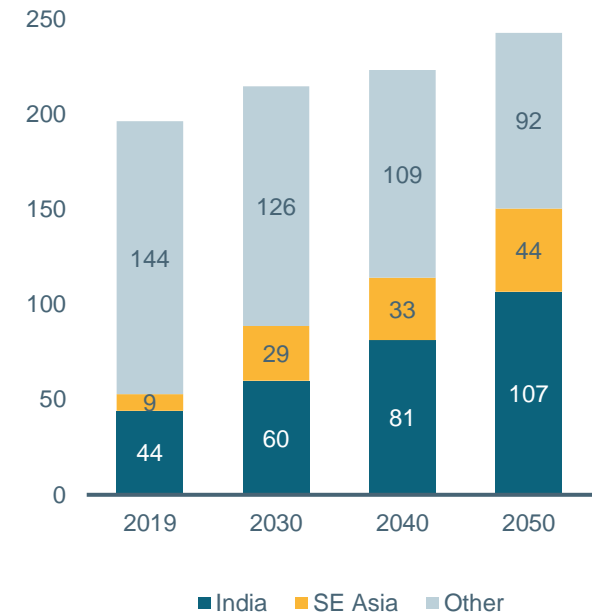
(Relative price FOB Australia, CY19-23 avg.)



Note: PHCC = 100.

## ... within a growing market

(HCC seaborne demand outlook, Mt)



Source: Woodmac 10-year Investment Horizon Outlook, November 2023.

Note: PHCC – Premium hard coking coal (includes PLV and PMV products).  
 PHCC index = Platts PLV HCC FOB Qld.  
 BMC – BHP Mitsui Coal; BWM – Blackwater; DNM – Daunia.

Financial results

20 February 2024

# Investment proposition

Attractive returns underpinned by operational excellence, capital allocation discipline and social value commitment



## Operational excellence

World class assets

Differentiated culture and capability

Agile decision making and strategic flexibility



## Disciplined capital allocation

Strong balance sheet

Capital Allocation Framework

A framework for growth with an active pursuit of opportunities



## Value and returns

Commitment to Social Value and sustainability

Increasing exposure to future-facing commodities

Resilience through the cycle

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# Footnotes

1. Slide 5: FY24 production guidance ranges remain unchanged for all assets, with the exception of BMA which has been lowered to between 23 and 25 Mt (46 – 50 Mt at 100%) excluding Blackwater and Daunia from the expected sale completion date of 2 April 2024. WAIO, Escondida and Spence are expected to be within their respective unit cost guidance ranges at FY24, with BMA unit cost guidance for FY24 increasing to between US\$110/t and US\$116/t as a result of the lowered production guidance.
2. Slide 5: For more information refer to BHP's 31 October 2023 news release, available to view on [www.bhp.com](http://www.bhp.com).
3. Slide 7: Adjusted effective tax rate and Adjusted effective tax rate including royalties: excludes the influence of exchange rate movements and exceptional items.
4. Slide 7: Dividend per share refers to cash dividends. Payout ratio on underlying attributable profit.
5. Slide 7: Operating costs net of other income and of profit/(loss) from equity accounted investments, related impairments and expenses.
6. Slide 7 and 9: D&A: represents depreciation and amortisation expense and net impairments.
7. Slide 7 and 9: Tax: includes foreign exchange movements in tax expense.
8. Slide 8: During CY23, London Metal Exchange benchmark nickel prices fell considerably as both the supply of nickel from Indonesia significantly increased and the London Metal Exchange began accepting Indonesian-origin nickel products as part of its efforts to respond to evolving industry dynamics.
9. Slide 8: BHP analysis based on the Q4 2023 Wood Mackenzie cash cost plus sustaining capex nickel supply curve. Note that the analysis assumes all producers face spot prices and does not account for any hedge positions or management actions to reduce costs taken after the curve was finalised. Operators can take urgent actions on their cost base that make it difficult to estimate true cost in real-time. Therefore, the analysis presented should be taken as a rough approximation of industry conditions at a specific point in time, not as a precise estimate with an extended period of validity.
10. Slide 8: Refers to Renova Foundation spend since 2016 (100% basis).
11. Slide 8: Figure calculated considering total of 727 cases, which is the total of known cases as at 31 December 2023. Resettlement cases completed includes completed construction (families either moved in or handover to families in progress) or cash payment made.
12. Slide 9: Price: net of price-linked costs.
13. Slide 9: Inflation: includes CPI increases across the cost base, and price changes for consumable costs including diesel and energy.
14. Slide 9: CPI is exclusive of any CPI relating to diesel, energy and other consumable materials.
15. Slide 9: Other includes US\$240 m relating to new and acquired operations including the OZ Minerals Ltd acquisition and US\$(119) m of non-cash movements.
16. Slide 10: Average realised exchange rates for H1 FY24 of AUD/USD 0.65 (FY24 guidance rate AUD/USD 0.67) and USD/CLP 874 (FY24 guidance rate USD/CLP 810).
17. Slide 10: WAIO C1 cost: excludes royalties (government and third party royalties), net inventory movements, depletion of production stripping, exploration expenses, marketing purchases, demurrage, exchange rate gains/losses, and other income. There may be differences in the manner that third parties calculate or report unit costs data compared to BHP, which means third party data may not be comparable with our data.
18. Slide 10: BMA figures for H1 FY24 include Blackwater and Daunia.
19. Slide 10: Total revenue from thermal coal sales, including BMA and NSWEC, was US\$980 m (H1 FY23: US\$2,123 m).
20. Slide 13 and 16: Represents FY30 and the proceeding decade.
21. Slide 13: Illustrative timeline for Chilean copper brownfield options is based on the range of timelines for potential leaching options and potential Escondida new concentrator as shown on slide 16.
22. Slide 13: Timing of Copper South Australia growth options are aligned and subject to approval of the introduction of two-stage smelting at Olympic Dam.
23. Slide 14: First production from Jansen Stage 1 is expected to be delivered at the end of CY26. Jansen Stage 1 is forecast to be first quartile when it reaches full production.
24. Slide 14: Jansen Stage 2 IRR is post-tax, nominal and reflects Argus and CRU prices (Average 2029-2039: US\$369/t Argus and US\$466/t CRU). The IRR is the expected internal rate of return based on incremental Jansen Stage 2 cashflow across approximately 50-year mine life.
25. Slide 14: Jansen is expected to have ~50% less operational (Scopes 1 and 2) greenhouse gas emissions per tonne of product and use up to ~60% less fresh water compared to average potash mine in Saskatchewan, Canada.
26. Slide 15 and 24: Represents our current aspiration for Copper South Australia, and not intended to be a projection, forecast or production target. Includes potential increases in production rates, as well as potential impacts from our exploration program and assets acquired as part of the OZ Minerals acquisition.
27. Slide 16: Refer to the BHP Annual Report 2023 Mineral Resources and Ore Reserves for Cerro Colorado. Resources included in this presentation are produced in accordance with the Australian Securities Exchange (ASX) Listing Rules Chapter 5 and the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, December 2012 (JORC Code) and are not produced in accordance with U.S. rules set forth in S-K 1300.
28. Slide 17: Over 85% of BMA's products are expected to reference the Premium Hard Coking Coal FOB Australia indices, reflecting the high quality of our metallurgical coal portfolio.
29. Slide 17: The completion of the divestment of Blackwater and Daunia is expected to occur on 2 April 2024.

# BHP

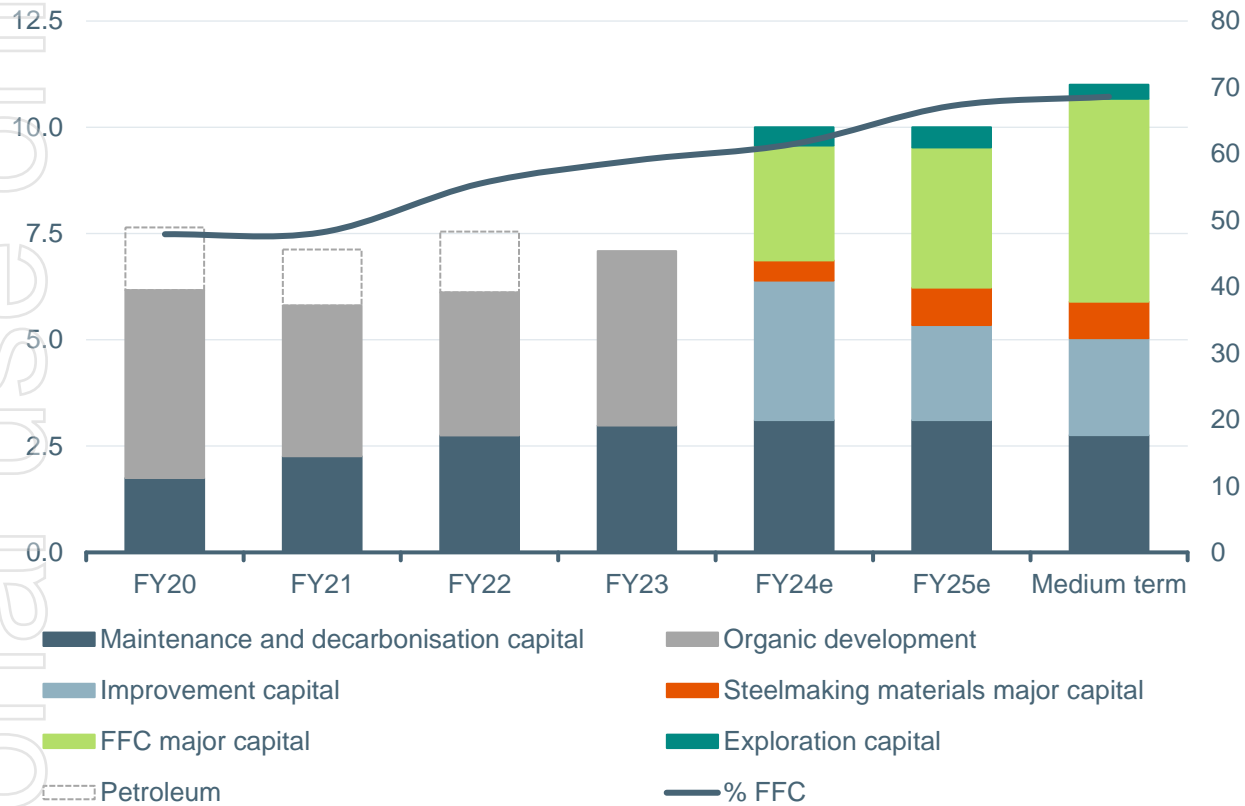
## Appendix

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# Capital spend increasing to deliver growth

Medium term capital forecast to be ~US\$11 bn on average with flexibility to adjust spend for value

**Increasing spend on future-facing commodities to ~70%**  
 (US\$ bn, nominal) (capital in future-facing commodities, %)



- Major capital in **future-facing commodities** includes:
  - In execution:<sup>1</sup> Jansen Stage 1 and 2
  - Projects under study: Options at Copper South Australia and in Chilean copper
- Steelmaking** materials major capital includes WAIO growth to >305 Mtpa, and in medium term initial spend on studies up to 330 Mtpa
- Exploration capital** focused on copper and nickel
- Improvement capital** includes projects that enable improved productivity, quality, facilities and organisational culture
- Maintenance and decarbonisation capital**

Note: Medium term refers to FY26 – FY28 average. FFC – future-facing commodities. Major capital represents projects >US\$250 m.

1. BHP is currently assessing phasing and capital spend for the development of the West Musgrave project as part of a review of the development plans for Western Australia Nickel.

# Jansen progress update

**Stage 1 on track – first production target end-CY26; Stage 2 approved – first production expected FY29**

## Stage 1

- Jansen S1 US\$5.7 bn (C\$7.5 bn) project is 38% complete
- ~US\$3.9 bn in contracts awarded covering the full supply chain (mine, rail, port and non-process infrastructure)

## Stage 2

- US\$4.9 bn (C\$6.4 bn) project sanctioned in October 2023
- Scope includes developing additional mining districts, completing second shaft hoist, expanding processing facilities and adding additional rail cars
- Engineering >65% complete
- Sanction of Jansen S2 does not impact the critical path for Jansen S1
- Anticipated synergies of ~US\$0.3 bn including reduced overheads and savings on mobilisation and demobilisation costs

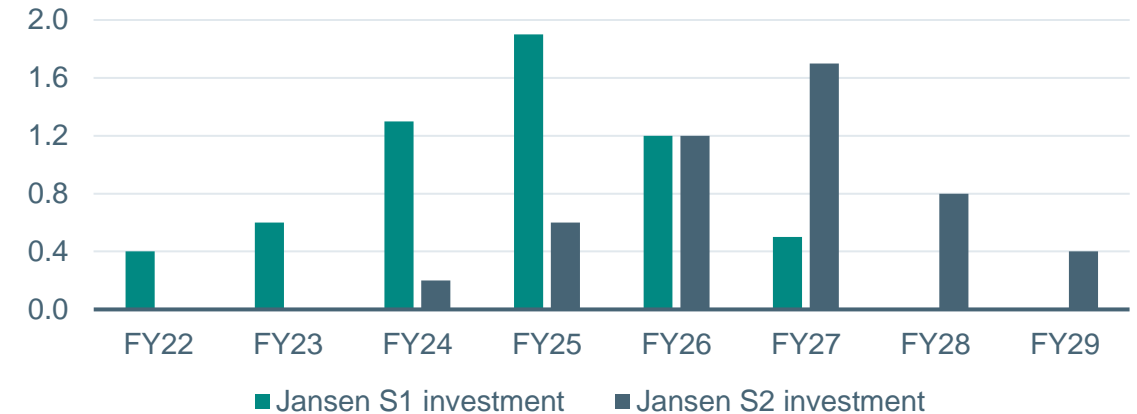
1. Timing of investment spend is subject to modification.

## Financial results

20 February 2024

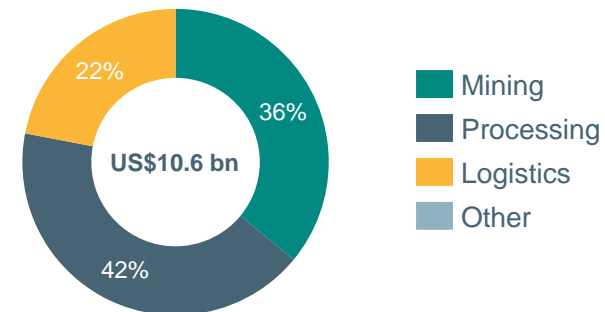
## Expected investment spend profile<sup>1</sup>

(US\$ billion, nominal)



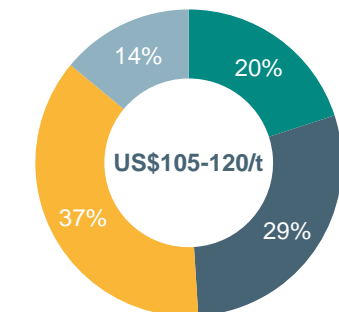
## Capital cost breakdown

(JS1 & JS2, nominal)



## Cash cost breakdown

(FOB Vancouver, real)



# Copper SA: global scale, significant value upside

Working on pathway to significant expansion options with potential for competitive unit costs, strong margins and cashflow

Sizeable expected synergies, potential pathway to >500 ktpa<sup>26</sup>...

- 100% BHP ownership simplifies decision-making
- Proximity to export infrastructure and customer markets
- Growing partnerships with government, traditional owners and local communities
- Focus on developing an asset of greater scale and simplicity
- Leveraging multiple mines feeding a simpler centralised smelter
- Smelter expansion provides potential for:
  - 1.0 Mt to 1.7 Mt smelting capacity range (from 0.5 Mt today)
  - Low-risk technology, and more suited to region mineralogy
  - Regional feed model reducing variability
  - Cost efficiencies through large scale operations
- Local area has high proportion of renewable energy availability
- All assets remain open at depth with potential further resource growth

... building on a number of areas of focus for the future

	Current state	Future potential
<b>Transport</b>	>1,000 kms	<300 kms
<b>Treatment &amp; refining charges</b>	Paid externally	Penalties eliminated & additional value captured
<b>By-products</b>	Gold, silver & uranium production	Gold, silver & uranium production growth
<b>Mining methods</b>	Multiple mining methods	Larger scale, higher productivity
<b>Operating systems</b>	Individual site systems	BOS deployed at all sites
<b>Resource development</b>	Exploration success at Oak Dam and OD Deeps	>20,000 Ha tenements in highly prospective region

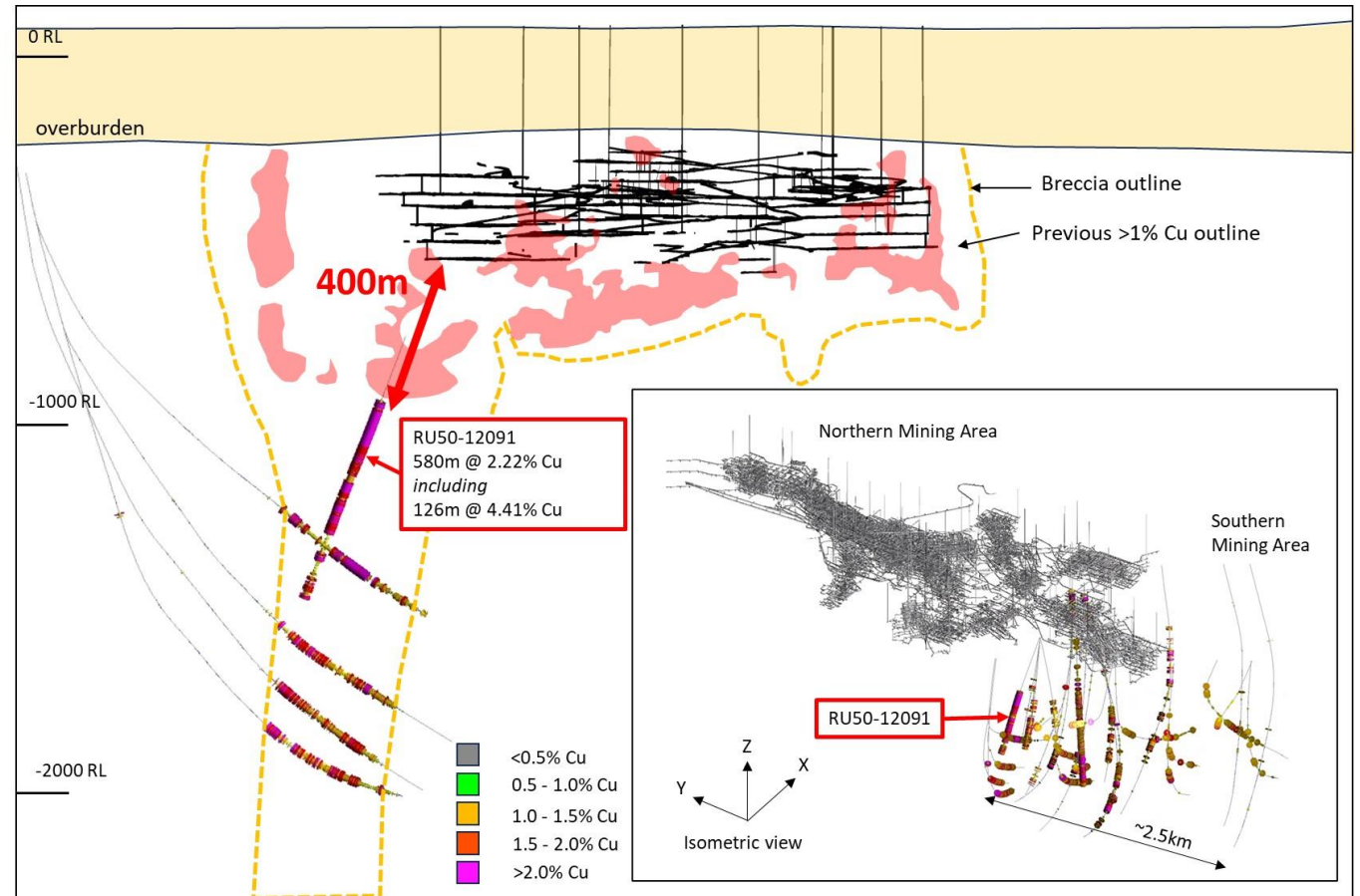


# Copper SA: continuing exploration success

'OD Deeps' has potential to add to Olympic Dam's already significant underground resource base

- Drilled ~62 km of exploration holes over 18 months
- Drill space ranging from 160 m to 320 m
- 28 drill intercepts demonstrate favourable continuity above 1% copper grade
- Mineralisation similar to the main Olympic Dam orebody, dominantly chalcopyrite with some areas of bornite
- Mineralisation extends >2 km along strike, and more than >1 km in depth
- Continues to be open along strike and at depth
- Drilling is ongoing: 8 active rigs

Representative cross-section showing simplified geology and down hole Cu assays



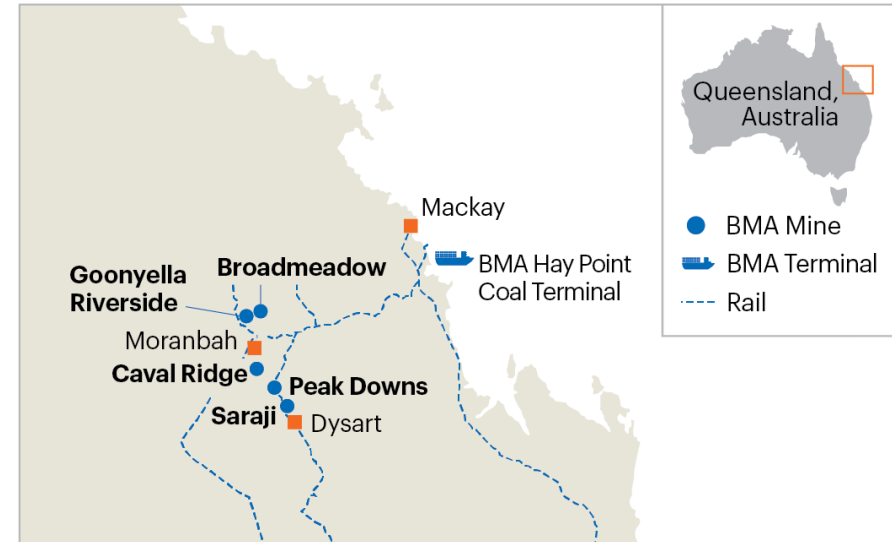
Note: For further information refer to Appendix 3 in BHP's Q2 FY24 Operational Review released 18 January 2024.

# BMA: asset in advantaged position

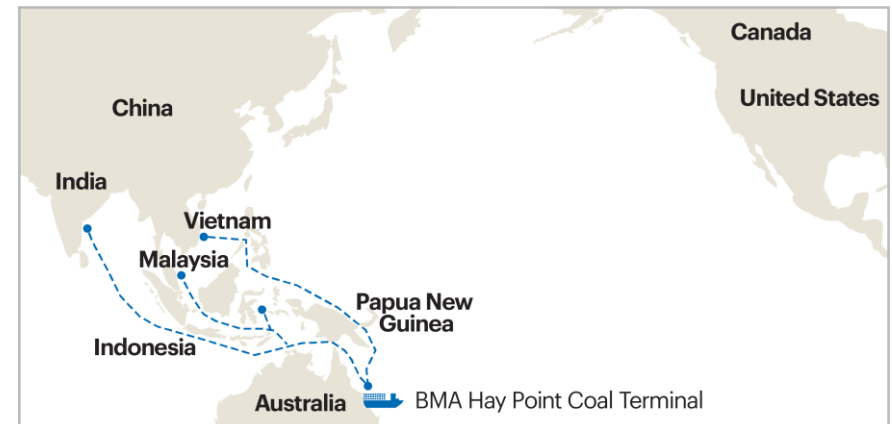
## BMA has several unique operational advantages

- Large, long-life assets
- Bottom half of operational GHG emission intensities for all seaborne met coal operations globally
- Two main mining districts – reduced from five prior to BMC sale
  - Goonyella complex – Goonyella Riverside, Broadmeadow
  - Central complex – Caval Ridge, Peak Downs and Saraji
- Single rail network, relatively close to tidewater – lower transport costs
- 100% owner of upgraded Hay Point Coal Terminal – allows for blending of multiple products to suit customer needs
- Physical proximity to key growth markets:
  - 30 – 40% shorter sailing distance to India relative to the next largest competitor
  - Lowering transportation costs and emissions

### Reduced number of sites



### Close proximity to India and South East Asia



# Safety and social value indicators

We continue to emphasise the safety culture that must be present every day to eliminate fatalities and serious injuries at BHP

Key safety indicators <sup>1</sup>	H1 FY24	H1 FY23	Target/Goal
Fatalities <sup>2</sup>	0	0	Zero work-related fatalities*
High-potential injury (HPI) frequency <sup>2</sup>	0.10	0.13	Year-on-year improvement of HPI frequency
Total recordable injury frequency (TRIF) <sup>2</sup>	4.3	4.1	Year-on-year improvement in TRIF

\*A fatal incident occurred subsequent to the reporting period at our BMA operations in January.

Social value: key indicators scorecard <sup>1,3</sup>	H1 FY24	H1 FY23	Target/Goal
Operational greenhouse gas (GHG) emissions <sup>4</sup> (Mt CO <sub>2</sub> -e)	5.2	4.9	Reduce operational GHG emissions by at least 30 per cent from FY20 levels <sup>5</sup> by FY30
Value chain emissions: Financial value committed in steelmaking partnerships and ventures to date (US\$ m)	✓	✓	Steelmaking: 2030 goal to support industry to develop technologies and pathways capable of 30 per cent GHG emissions intensity reduction in integrated steelmaking, with widespread adoption expected post-2030
Value chain emissions: Reduction <sup>6</sup> in emissions intensity of BHP-chartered shipping of our products (%)	43	42	Maritime transportation: 2030 goal to support 40 per cent GHG emissions intensity reduction of BHP-chartered shipping of BHP products
Social investment (US\$ m, BHP equity share)	36.1	41.1	Voluntary social investment aligned to the six pillars of our social value framework
Indigenous procurement spend (US\$ m)	289	141.1	Purchases from Indigenous vendors target of US\$297 m in FY24
Female employee representation (%) <sup>7</sup>	36.2 <sup>8</sup>	33.6	Aspirational goal for gender balance <sup>9</sup> by the end of FY25
Indigenous employee representation (%) <sup>10</sup>	Australia <sup>11</sup>	8.4 <sup>12</sup>	Aim to achieve 9.7 per cent by the end of FY27
	Chile <sup>13</sup>	10.2	Aim to achieve 10.0 per cent by the end of FY25
	Canada <sup>14</sup>	9.4	Aim to achieve 20.0 per cent by the end of FY26

1. All data points are presented on a total operations basis, unless otherwise noted, and are indicative and subject to non-financial assurance reviews. Excludes former OZL, unless otherwise noted.

2. Former OZL is included in H1 FY24 fatalities and HPI frequency. H1 FY24 TRIF includes former OZL Exploration from 1 December 2023, reflecting progressive migration of employee data onto the BHP systems (updated data will be provided in the full year results for FY24). HPI frequency and TRIF is combined employee and contractor frequency per 1 million hours worked.

3. Includes selection of key social value framework metrics. Additional metrics are included in [OFR 6 in the Annual Report 2023](#).

4. H1 FY24 operational GHG emissions includes emissions from former OZL. H1 FY23 operational GHG emissions have been restated after data finalisation for Annual Report 2023 and do not include former OZL emissions.

5. Our operational GHG emissions are the Scope 1 and Scope 2 GHG emissions from our operated assets. For our baseline year of FY20, our operational GHG emissions were 14.5 Mt CO<sub>2</sub>-e. FY20 baseline has been adjusted for divestment of our Petroleum business (merger with Woodside completed on 1 June 2022) and our interest in BMC (completed on 3 May 2022), and for methodological changes (use of Intergovernmental Panel on Climate Change (IPCC) Assessment Report 5 (AR5) Global Warming Potentials and the transition to a facility-specific GHG emission calculation methodology for fugitives at Caval Ridge). Our FY20 baseline year emissions will be updated to include the acquisition of OZL.

6. Against CY08. CY08 was selected as the baseline year for this goal to align with the base year for the International Maritime Organisation's 2030 emissions intensity goal and its corresponding reasoning and strategy.

7. Based on a 'point in time' snapshot of employees as at the end of the relevant reporting period.

8. Includes some but not all former OZL reflecting progressive migration of employee data onto BHP systems. Updated data will be provided in the full year results for FY24.

9. We define gender balance as a minimum 40% women and 40% men in line with the definitions used by entities such as the International Labour Organisation.

10. Based on a 'point in time' snapshot of employees as at the end of the relevant reporting period.

11. Indigenous employee representation at Minerals Australia operations.

12. Indigenous employee representation in Australia, including Minerals Australia operations and some but not all former OZL (operational and non-operational roles) reflecting progressive migration of employee data onto BHP systems. Updated data will be provided in the full year results for FY24.

13. Indigenous employee representation at Minerals Americas operations in Chile.

14. Indigenous employee representation at the Jansen Potash project and operations in Canada.

## Financial results

20 February 2024

# Samarco and Renova Foundation

**Samarco plans restart of second concentrator in Q3 FY25. R\$34.8 bn spent on reparation and compensation programs**

## Resettlement and environment

- ~84% of resettlement cases<sup>1</sup> completed across the region
- ~220 families have moved into their new homes and public buildings are open and operating, including in Bento Rodrigues and Paracatu
- ~1.5 million pieces of data generated annually along the Doce River confirm the water quality has returned to historic levels
- ~R\$750 million made available for sanitation projects, directly contributing to the improvement of water quality in the Doce River basin, by addressing pollution from untreated sewage



**Sewage treatment plant, Colatina**

## Compensation / litigation

- Claims processed for ~84%<sup>2</sup> of people on Renova's register and in its indemnification programs. ~430,000 people have received compensation and/or financial assistance
- BHP continues to defend the UK group claim and a trial in relation to BHP's liability for the dam failure is listed for October 2024
- The Brazilian Federal Court ordered Samarco, Vale and BHP Brasil to pay R\$47.6 bn (excluding interest and inflation) in collective moral damages, when all appeals are finally determined. The Companies have filed a clarification motion and will appeal in due course



**Paracatu school**

## Samarco

- Second concentrator expected to restart in Q3 FY25 and increase Samarco production capacity to 60%
- New financial debt issued in exchange for restructured debt as part of Judicial Reorganisation restructure completion
- Germano pit dam decommissioning complete and approved by State Authority. Main dam decommissioning advanced and on track for completion by FY29
- ~13,000 direct and indirect jobs created by Samarco, and ~R\$3.9 billion in taxes<sup>3</sup> since restart



**Ubu Complex: filtration and pellet plants, and port**

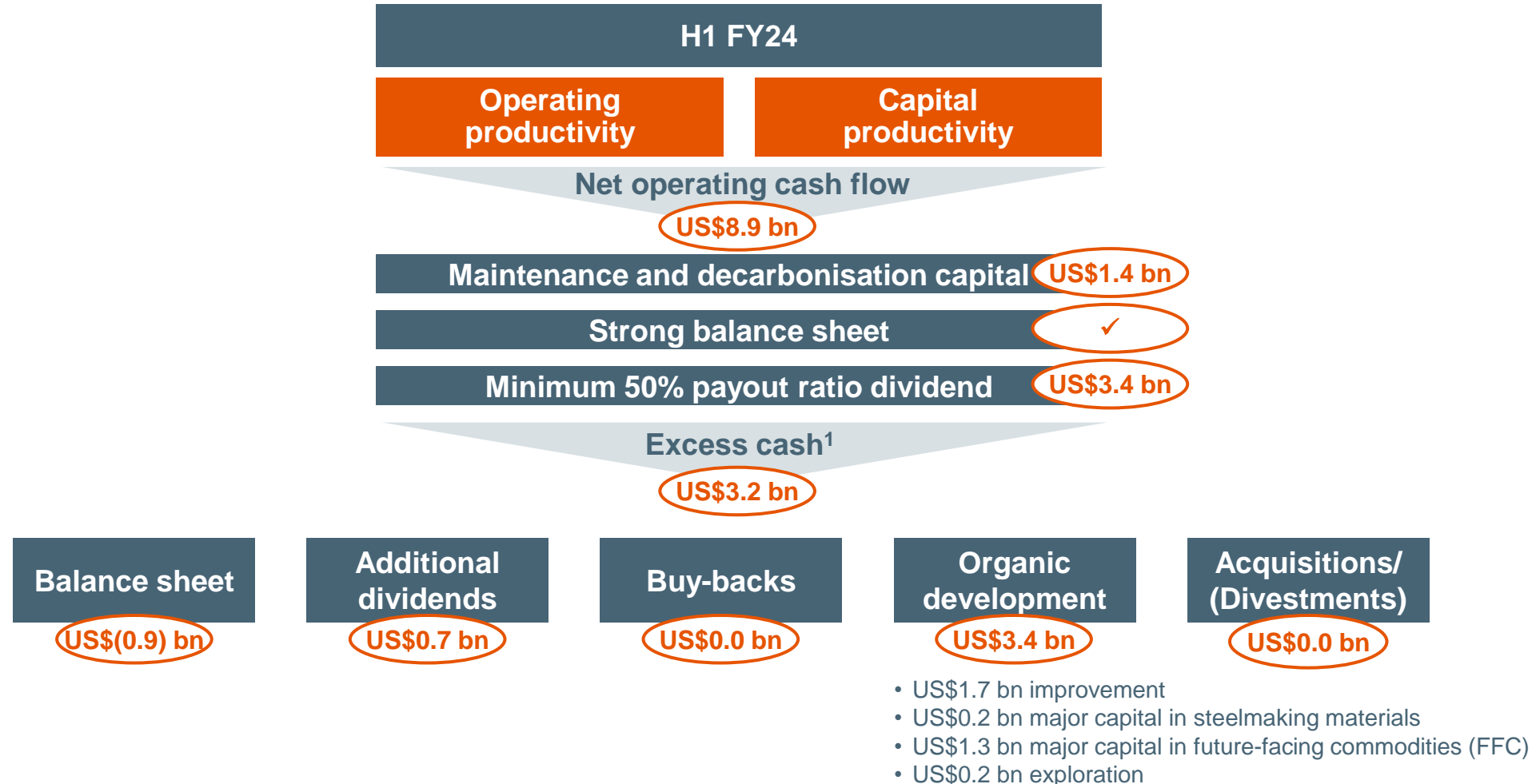
1. Overall figures calculated considering total of 727 cases, which is the total of known cases as at 31 December 2023. Resettlement cases completed includes completed construction (families either moved in or handover to families in progress) or cash payment made.
2. Overall figures calculated considering total of 701k cases, which is based on Renova's database of people in its register and indemnification programs as at 1 July 2023.
3. ~R\$3.9 bn in taxes contributed until December 2023 includes taxes generated from Samarco's value chain activities.

## Financial results

20 February 2024

# Continued capital allocation discipline

Strong competition for capital as we focus on creating value

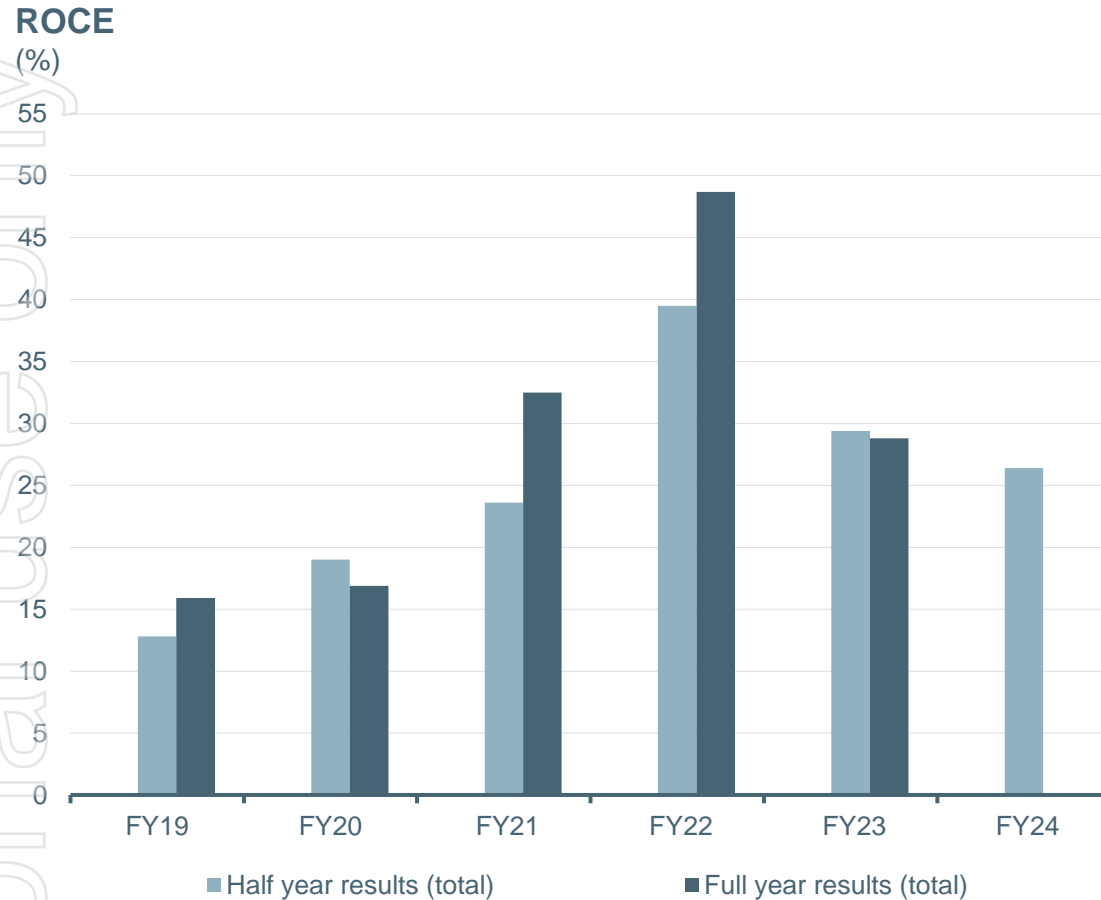


1. Excess cash includes total net cash outflow of US\$0.9 bn (H1 FY23: US\$0.8 bn) which comprises dividends paid to non-controlling interests of US\$0.6 bn (H1 FY23: US\$0.5 bn); net investment and funding of equity accounted investments of US\$0.5 bn (H1 FY23: US\$0.4 bn) and an adjustment for exploration expenses of US\$(0.2) bn (H1 FY23: US\$(0.1) bn) which is classified as organic development in accordance with the Capital Allocation Framework.

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# Return on Capital Employed

ROCE of 26.4% for H1 FY24

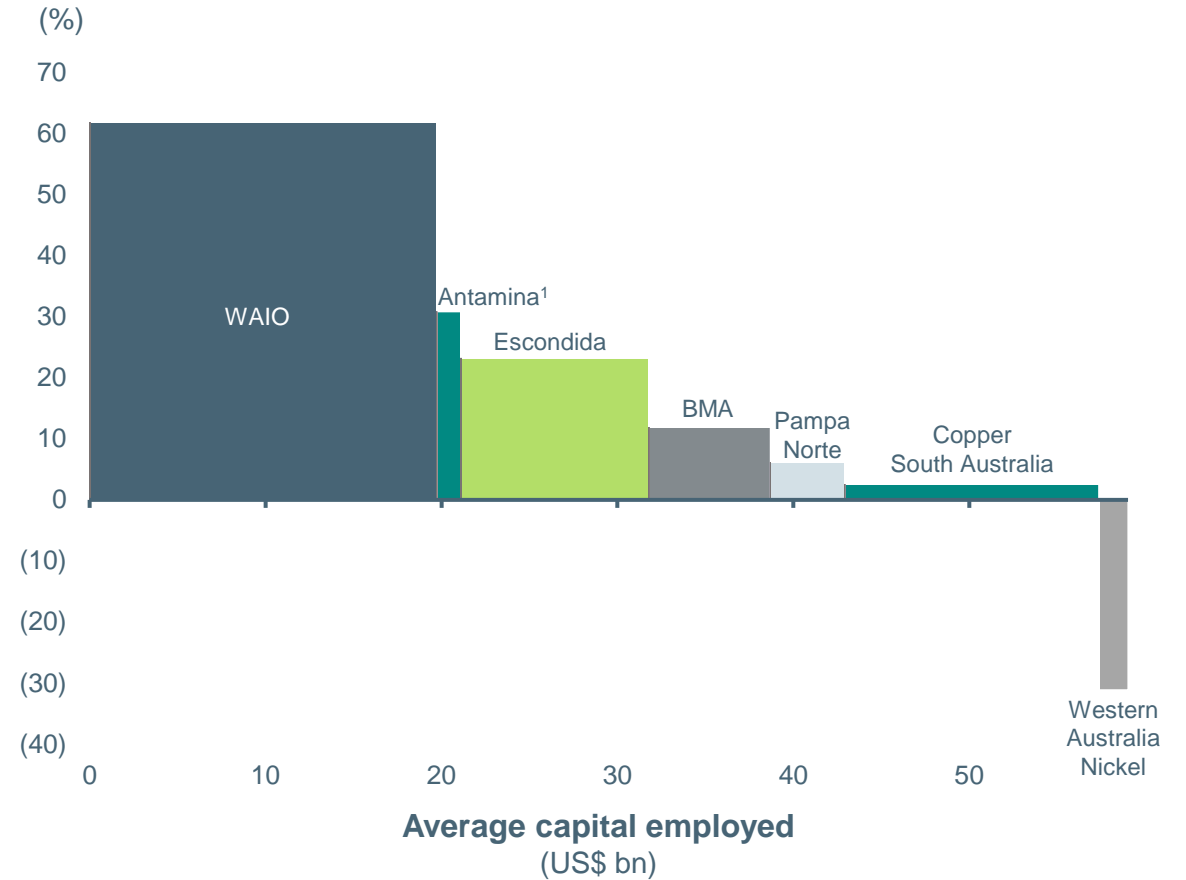


Note: ROCE represents profit after tax excluding exceptional items and net finance costs (after tax), which are annualised for half year results, divided by average capital employed. Average capital employed is net assets less net debt for the last two reporting periods.

## Financial results

20 February 2024

## ROCE by asset



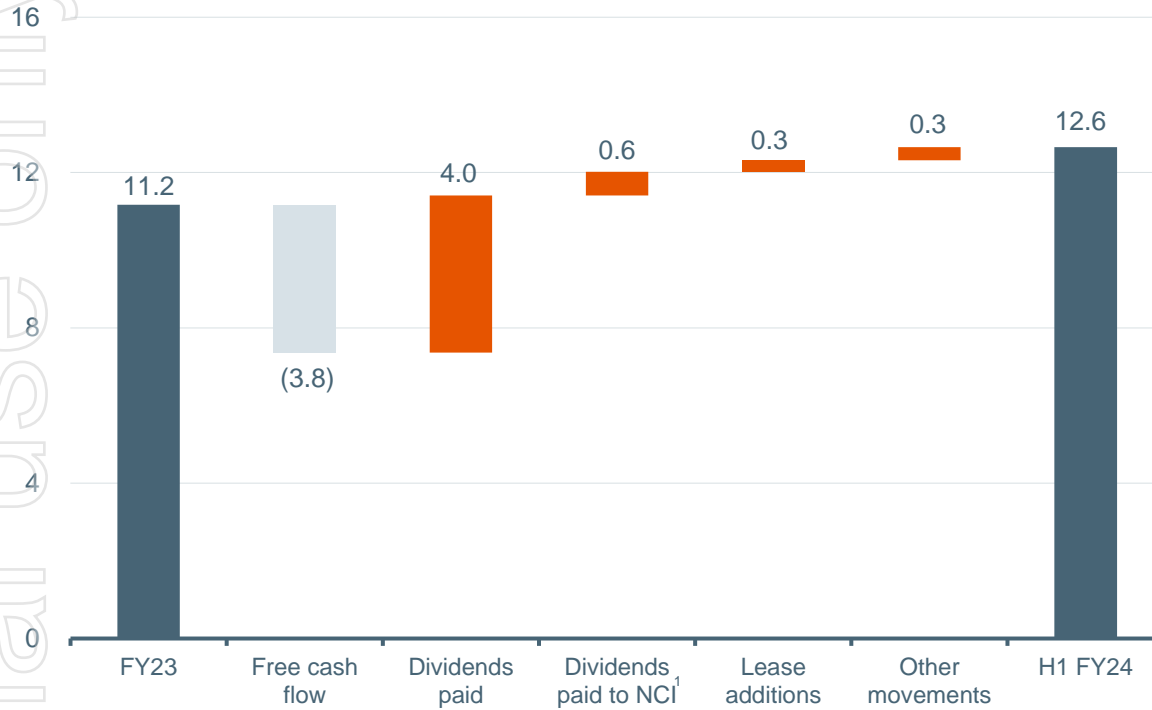
1. Antamina: average capital employed represents BHP's equity interest.

Note: NSWEC has not been shown as ROCE is distorted by negative capital employed due to the rehabilitation provision being the primary balance remaining on Balance Sheet following previous impairments. Jansen has not been shown as it is under development.

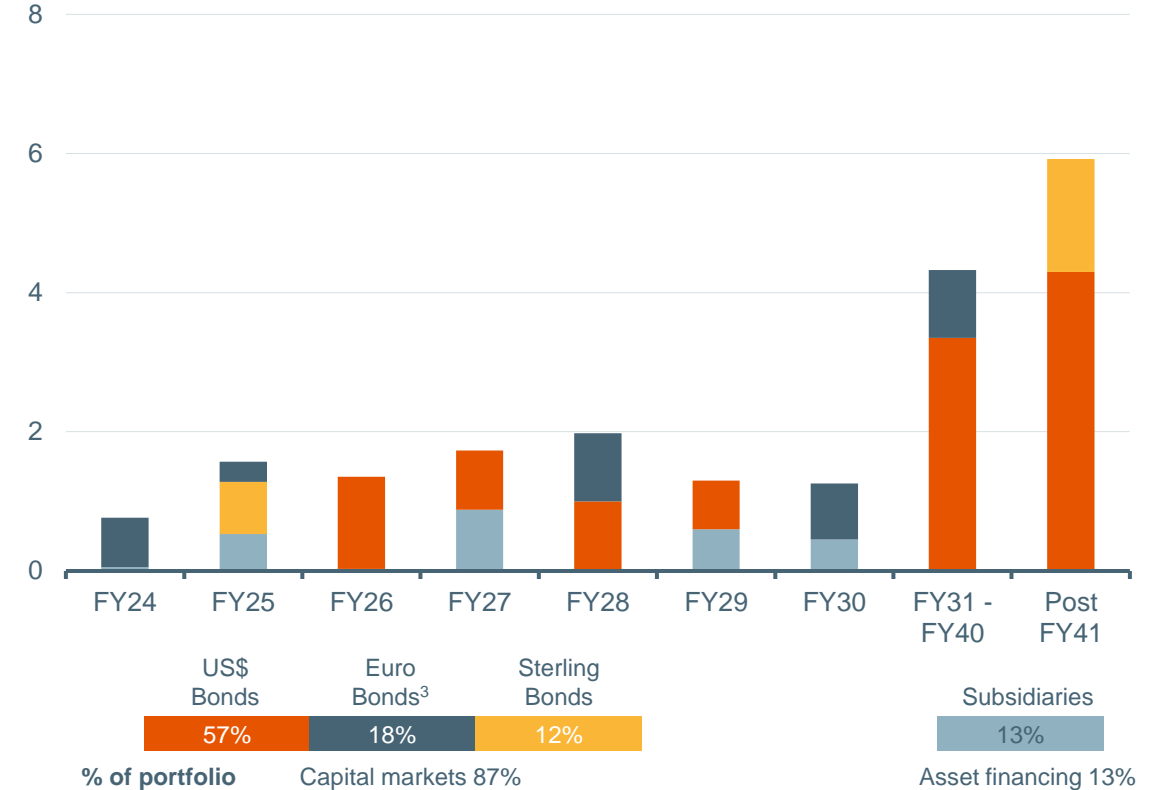
# Balance sheet

Net debt of US\$12.6 bn and gearing of 21.7%

Movements in net debt  
(US\$ bn)



Debt maturity profile<sup>2</sup>  
(US\$ bn)



1. NCIs: dividends paid to non-controlling interests of US\$0.6 bn predominantly relate to Escondida.

2. Debt maturity profile: all debt balances are represented in notional USD inception values and based on financial years; as at 31 December 2023; subsidiary debt is presented in accordance with IFRS 10 and IFRS 11.

3. Debt maturity profile: includes hybrid bonds (1.4% of portfolio, in Euro) with maturity shown at first call date.

# BHP guidance

Group	FY24e	
Capital and exploration expenditure (US\$ bn)	~10.0	Cash basis.

## Split by category:

Maintenance and decarbonisation capital	3.1	Includes non-discretionary spend for deferred development and production stripping; risk reduction, compliance and asset integrity; and decarbonisation.
Improvement capital	3.3	Includes projects that enable improved productivity, quality, facilities and organisational culture.
Major capital in steelmaking materials	0.5	
Major capital in future-facing commodities	2.7	Includes Jansen, Full SaL (Escondida) and West Musgrave.
Exploration	0.4	

## Split by segment:

Copper	4.2	Includes ~US\$0.9 bn for growth and exploration.
Iron ore	2.0	
Coal	0.7	
Potash	1.2	Includes ~US\$1.0 bn for Jansen Stage 1, and ~US\$125 m of pre-commitment spend for Jansen Stage 2.
Nickel	1.4	
Other	0.5	



# BHP guidance (continued)

Copper	FY24e	Medium term	
Copper production (kt)	1,720 – 1,910		Escondida: 1,080 – 1,180 kt; Spence: 210 – 250 kt; Copper South Australia: 310 – 340 kt; Antamina: 120 – 140 kt (zinc 85 – 105 kt).
<b>Escondida</b>			
Copper production (kt, 100% basis)	1,080 – 1,180	1,200 – 1,300	Medium term refers to FY25 and FY26.
Unit cash costs (US\$/lb)	1.40 – 1.70	1.30 – 1.60	Medium term refers to FY25 and FY26. Excludes freight and government royalties; net of by-product credits; based on an exchange rate of USD/CLP 810.
<b>Spence</b>			
Copper production (kt)	210 – 250	~250	
Unit cash costs (US\$/lb)	2.00 – 2.30		Excludes freight; net of by-product credits; based on an exchange rate of USD/CLP 810.
<b>Iron Ore</b>			
	FY24e	Medium term	
Iron ore production (Mt)	254 – 264.5		Western Australia Iron Ore: 250 – 260 Mt; Samarco 4 – 4.5 Mt.
<b>Western Australia Iron Ore</b>			
Iron ore production (Mt, 100% basis)	282 – 294	>305	
Unit cash costs (US\$/t)	17.40 – 18.90	<17	Excludes freight and government royalties; based on an exchange rate of AUD/USD 0.67.
Sustaining capital expenditure (US\$/t)	–	~5.5	Medium term average; +/- 50% in any given year. Excludes costs associated with operational decarbonisation and automation programs.
<b>Coal</b>			
	FY24e		
<b>BMA</b>			
Production (Mt, 100% basis)	46 – 50		Excluding Blackwater and Daunia from the expected sale completion date of 2 April 2024.
Unit cash costs (US\$/t)	110 – 116		Excludes freight and royalties; based on an exchange rate of AUD/USD 0.67.
<b>NSWEC</b>			
Production (Mt)	13 – 15		
<b>Nickel</b>			
	FY24e		
Production (kt)	77 – 87		

Note: Medium term refers to a five-year horizon, unless otherwise noted.

**Financial results**

**20 February 2024**

# Key Underlying EBITDA sensitivities

Approximate impact<sup>1</sup> on H1 FY24 Underlying EBITDA of changes of:

US\$ m

US\$1/t on iron ore price <sup>2</sup>	115
US\$1/t on metallurgical coal price	6
US¢1/lb on copper price <sup>2</sup>	18
US\$1/t on energy coal price <sup>2,3</sup>	7
US¢1/lb on nickel price	0.6
AUD (US¢1/A\$) operations <sup>4</sup>	81
CLP (US¢0.10/CLP) operations <sup>4</sup>	14

1. EBITDA sensitivities: assumes total volume exposed to price; determined on the basis of BHP's existing portfolio.

2. EBITDA sensitivities: excludes impact of equity accounted investments.

3. EBITDA sensitivities: includes domestic sales.

4. EBITDA sensitivities: based on average exchange rate for the period.

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