

NEWS RELEASE



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Capital allocation briefing

BHP will be holding an investor and analyst briefing today in Melbourne on BHP's Capital Allocation Framework.

The purpose of the briefing is to provide greater detail in relation to BHP's capital allocation processes, and greater transparency on BHP's approach to capital allocation and investment decisions.

The presentation is available on BHP's website at: https://www.bhp.com/-/media/documents/media/reports-and-presentations/2018/181121_CapitalAllocationBriefing.pdf

The webcast of the briefing will be available at: <https://edge.media-server.com/m6/p/nxkxg8iw>

Further information on BHP can be found at: **bhp.com**

Media Relations

Email: media.relations@bhpbilliton.com

Australia and Asia

Gabrielle Notley
Tel: +61 3 9609 3830 Mobile: +61 411 071 715

United Kingdom and South Africa

Neil Burrows
Tel: +44 20 7802 7484 Mobile: +44 7786 661 683

North America

Judy Dane
Tel: +1 713 961 8283 Mobile: +1 713 299 5342

Investor Relations

Email: investor.relations@bhpbilliton.com

Australia and Asia

Tara Dines
Tel: +61 3 9609 2222 Mobile: + 61 499 249 005

United Kingdom and South Africa

Elisa Morniroli
Tel: +44 20 7802 7611 Mobile: +44 7825 926 646

Americas

James Wear
Tel: +1 713 993 3737 Mobile: +1 347 882 3011

BHP Group Limited ABN 49 004 028 077
LEI WZE1WSENV6JSZFK0JC28
Registered in Australia
Registered Office: Level 18, 171 Collins Street
Melbourne Victoria 3000 Australia
Tel +61 1300 55 4757 Fax +61 3 9609 3015

BHP Group Plc Registration number 3196209
LEI 549300C116EOWV835768
Registered in England and Wales
Registered Office: Nova South, 160 Victoria Street
London SW1E 5LB United Kingdom
Tel +44 20 7802 4000 Fax +44 20 7802 4111

Members of the BHP Group which is
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Capital allocation briefing

Peter Beaven

21 November 2018



Port Hedland

Disclaimer

Forward-looking statements

This presentation contains forward-looking statements, including statements regarding: trends in commodity prices and currency exchange rates; demand for commodities; plans, strategies and objectives of management; closure or divestment of certain operations or facilities (including associated costs); anticipated production or construction commencement dates; capital costs and scheduling; operating costs and shortages of materials and skilled employees; anticipated productive lives of projects, mines and facilities; provisions and contingent liabilities; tax and regulatory developments.

Forward-looking statements can be identified by the use of terminology including, but not limited to, 'intend', 'aim', 'project', 'anticipate', 'estimate', 'plan', 'believe', 'expect', 'may', 'should', 'will', 'continue', 'annualised' or similar words. These statements discuss future expectations concerning the results of operations or financial condition, or provide other forward-looking statements.

These forward-looking statements are not guarantees or predictions of future performance, and involve known and unknown risks, uncertainties and other factors, many of which are beyond our control, and which may cause actual results to differ materially from those expressed in the statements contained in this presentation. Readers are cautioned not to put undue reliance on forward-looking statements.

For example, future revenues from our operations, projects or mines described in this presentation will be based, in part, upon the market price of the minerals, metals or petroleum 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 operations.

Other factors that may affect the actual construction or production commencement dates, costs or production output and anticipated lives of operations, mines or facilities include our ability to profitably produce and transport the minerals, petroleum and/or metals extracted to applicable markets; the impact of foreign currency exchange rates on the market prices of the minerals, petroleum or metals we produce; activities of government authorities in some of the countries where we are exploring or developing these projects, facilities or mines, including increases in taxes, changes in environmental and other regulations and political uncertainty; labour unrest; and other factors identified in the risk factors discussed in BHP's filings with the US 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.

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Past performance cannot be relied on as a guide to future performance.

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BHP results are reported under International Financial Reporting Standards (IFRS). This presentation may also include certain non-IFRS (also referred to as alternate performance measures) and other measures including Underlying attributable profit, Underlying EBITDA (all references to EBITDA refer to Underlying EBITDA), Underlying EBIT, Adjusted effective tax rate, Controllable cash costs, Free cash flow, Gearing ratio, Net debt, Net operating assets, Operating assets free cash flow, Principal factors that affect Underlying EBITDA, Underlying basic earnings/(loss) per share, Underlying EBITDA margin and Underlying return on capital employed (ROCE) (all references to return on capital employed refer to Underlying return on capital employed), Underlying return on invested capital (ROIC). These measures are used internally by management to assess the performance of our business and segments, make decisions on the allocation of our resources and assess operational management. Non-IFRS and other measures have not been subject to audit or review and should not be considered as an indication of or alternative to an IFRS measure of profitability, financial performance or liquidity.

Presentation of data

Unless specified otherwise: operations includes operated assets and non-operated assets; total operations refers to the combination of continuing and discontinued operations; continuing operations refers to data presented excluding the impacts of South32 from the 2014 financial year onwards, and Onshore US from the 2017 financial year onwards; references to Underlying EBITDA margin exclude third party trading activities; data from subsidiaries are shown on a 100 per cent 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 our five year plan. Queensland Coal comprises the BHP Billiton Mitsubishi Alliance (BMA) asset, jointly operated with Mitsubishi, and the BHP Billiton Mitsui Coal (BMC) asset, operated by BHP. Numbers presented may not add up precisely to the totals provided due to rounding.

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In this presentation, the terms 'BHP', 'Group', 'BHP Group', 'we', 'us', 'our' and 'ourselves' are used to refer to BHP Group Limited, BHP Group Plc and, except where the context otherwise requires, their respective subsidiaries set out in note 13 'Related undertaking of the Group' in section 5.2 of BHP's 2018 Annual Report. 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 otherwise stated.

Key messages

Capital allocation is a key enabler of our purpose to grow long-term shareholder value and returns

Lessons learned

The mining industry is capital intensive but investments have at times been poor
We have improved our capital allocation approach to support better decisions

Capital allocation

Our Capital Allocation Framework provides a transparent hierarchy, accountability and discipline
Centralised capital prioritisation drives purer competition for capital and reduces bias

Managing cyclicity

Flexibility from a stronger balance sheet and payout ratio dividend policy
Use of price ranges and portfolio scenarios to ensure resilience

Balancing risk / reward

Accepting and managing risk is inherent to value creation
Focus on a range of risk and return measures to evaluate opportunities

Value and returns

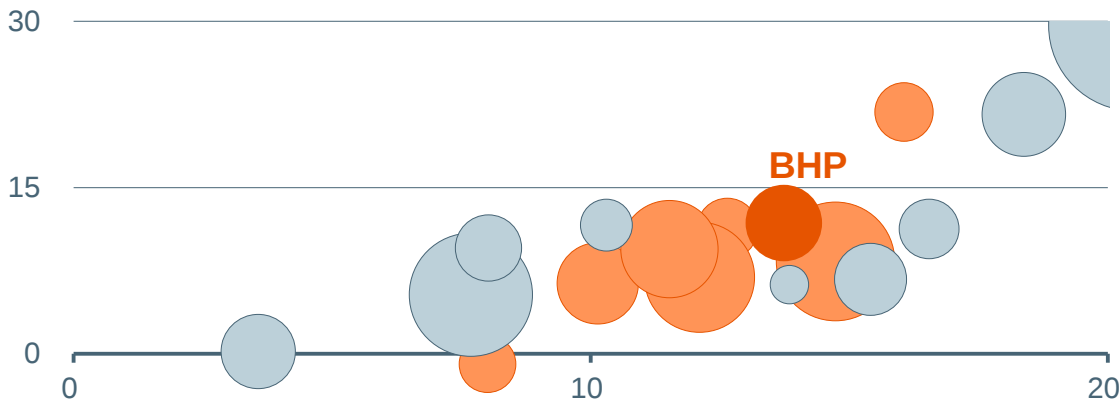
Improvements are significant, sustainable and are driving improved value and returns
All investments tested against additional cash returns to shareholders

The importance of capital allocation

Over the long term, capital allocation is a key driver and differentiator of company performance

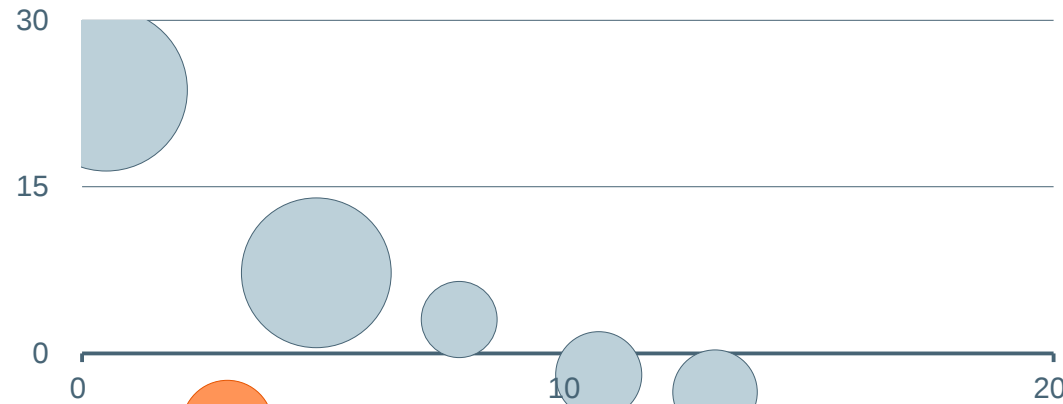
Value vs Returns – CY97-CY18^{1,2,3}

(TSR CAGR, %)



Value vs Returns – CY15^{1,2,3}

(TSR, %)



Source: Bloomberg.

1. Miners, oil and gas majors include: Anglo American; BP; Chevron; ExxonMobil; Glencore; Rio Tinto; Shell; Vale.

2. Other companies include: Apple; AT&T; BASF; General Electric; HP; IBM; Samsung; Siemens; Volkswagen.

3. ROACE: Return on average capital employed; TSR: Total shareholder returns.

Capital allocation briefing

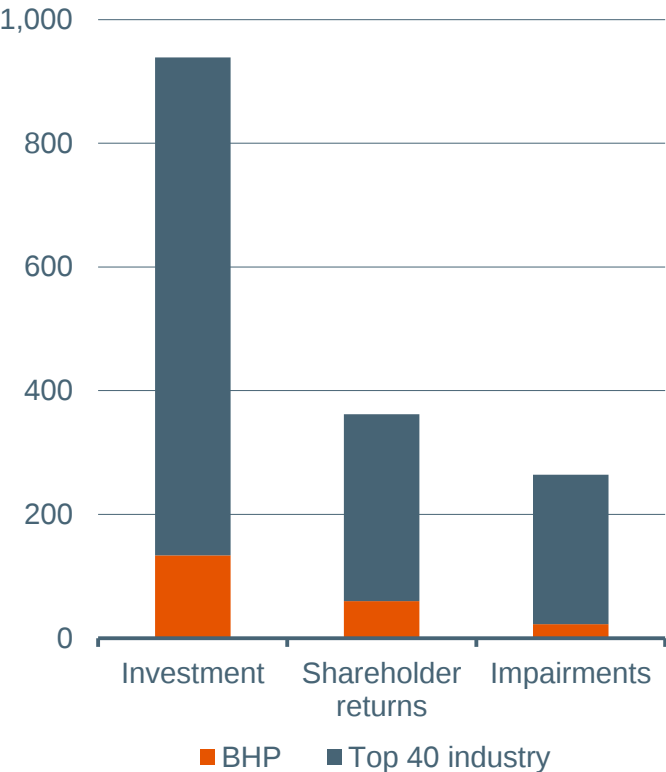
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Where did the industry go wrong?

Pro-cyclical investing has destroyed value and eroded returns

Top 40 industry¹ and BHP cumulative metrics (CY08 – CY17)

(US\$ billion)

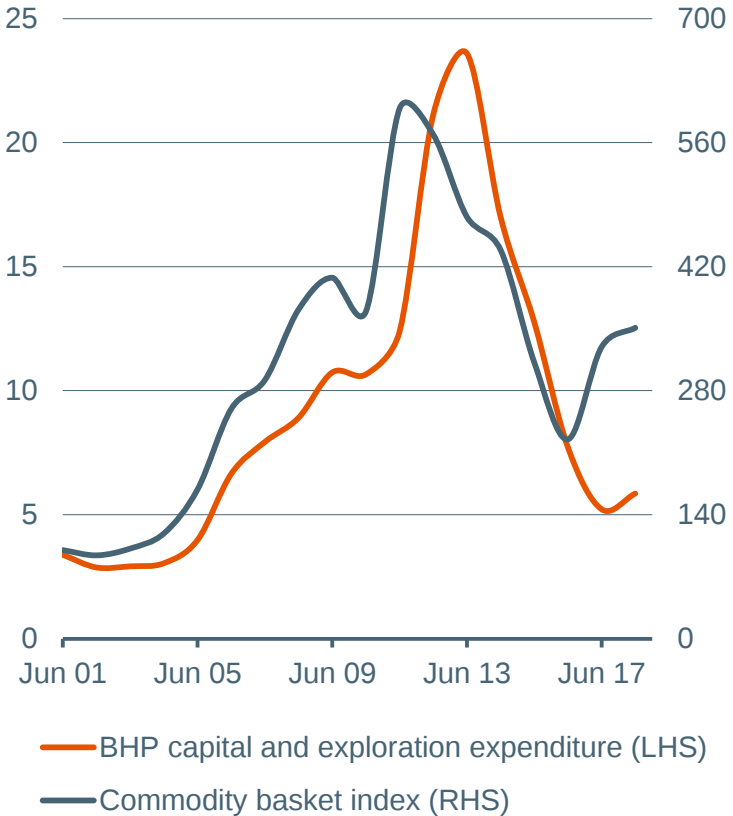


1. Source: PwC Mine 2018 report and BHP analysis. Top 40 analysis represents global mining industry as represented by the top 40 mining companies by market capitalisation.
2. Commodity basket index: comprises oil, copper, iron ore and metallurgical coal.

Capital and exploration expenditure and commodity basket index²

(US\$ billion)

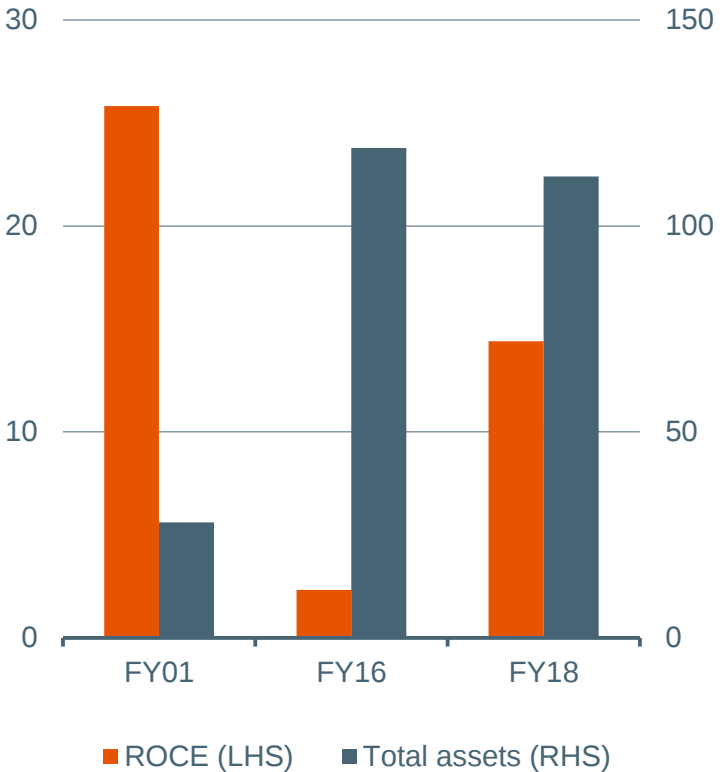
(Index, FY01=100)



BHP ROCE and total assets

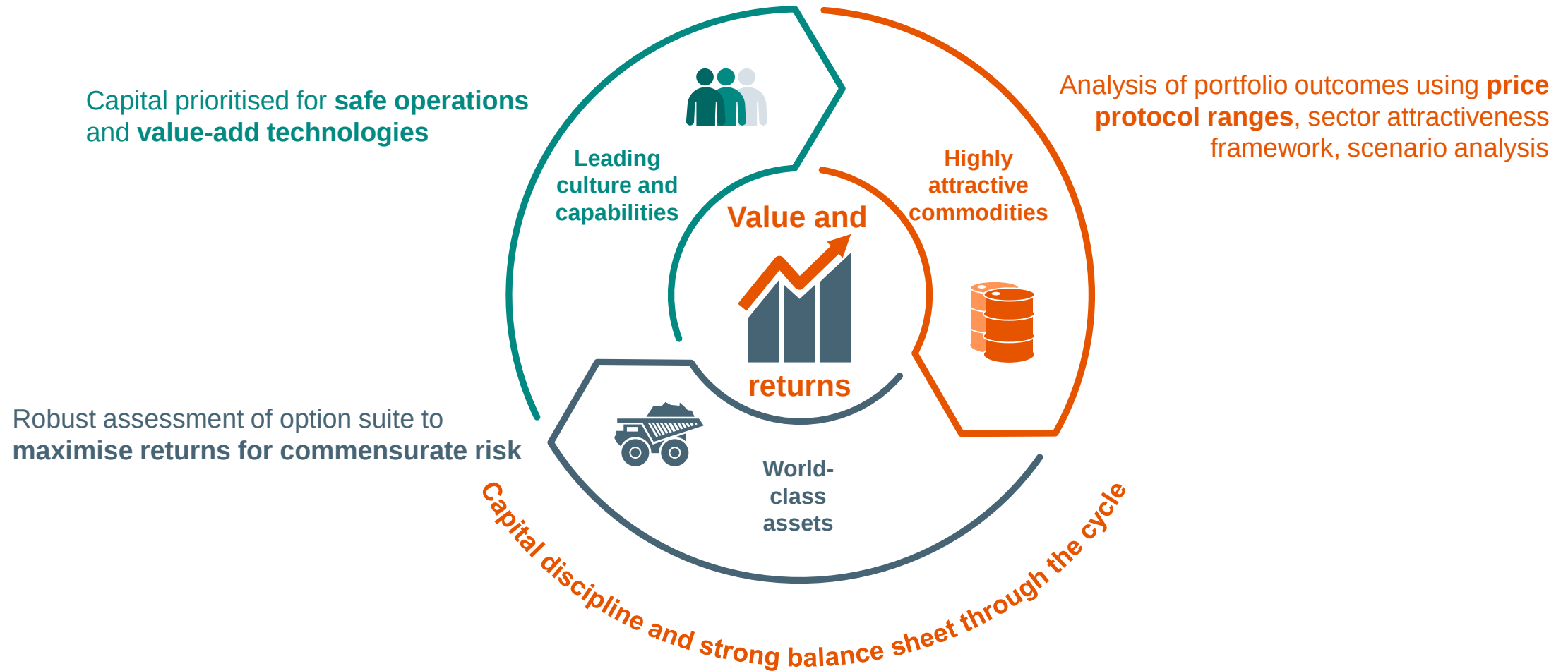
(%)

(US\$ billion)



Our strategic framework

Strategy is integral to capital allocation



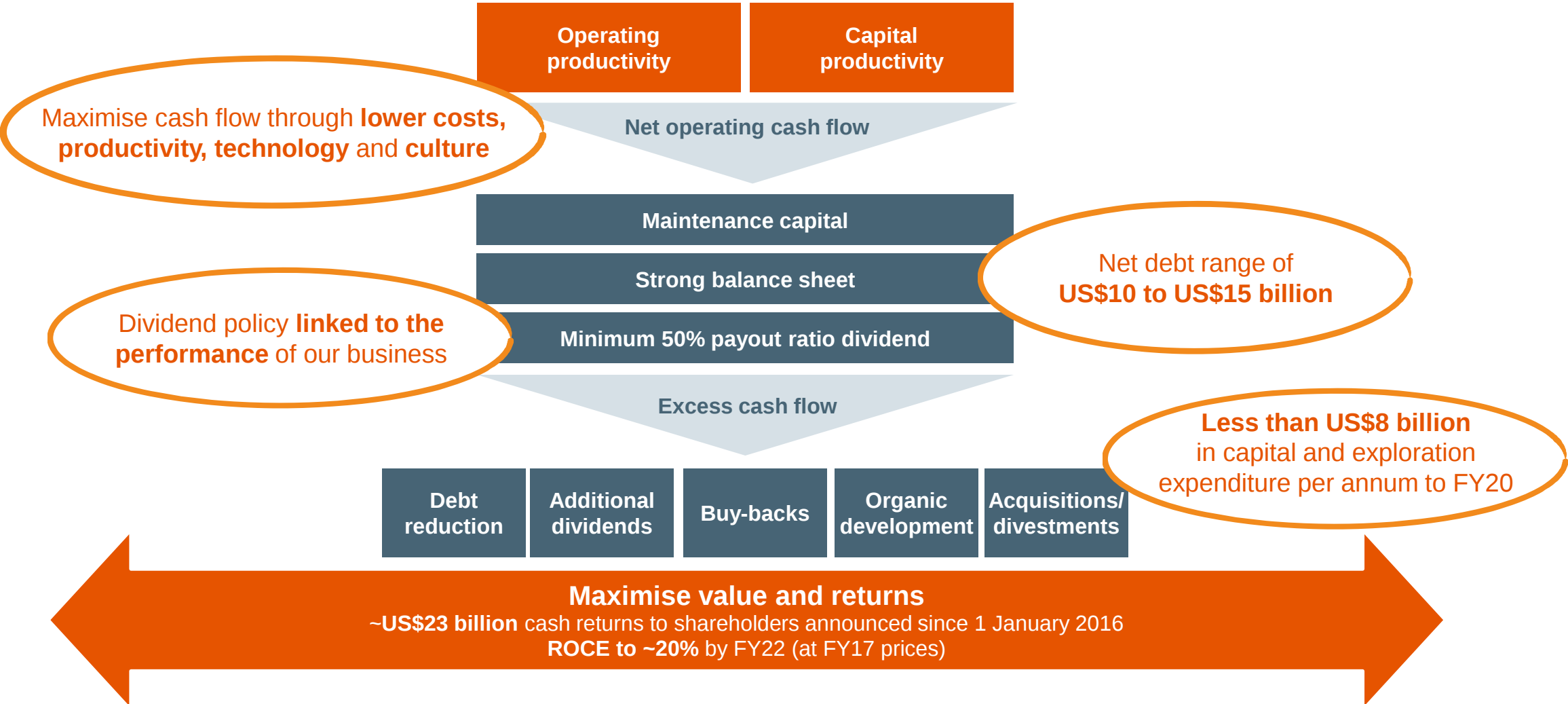
Improving capital allocation

Enhanced capital allocation processes to better manage cyclicalities and improve capital productivity

Strategy	Strategy provides long-term context to today's capital allocation decisions • Informs capital allocation to enable evolution from today's optimal portfolio to the optimal portfolio in the future • Long-term scenarios to test portfolio resilience and identify new opportunities as demand patterns evolve • Option-based approach with rigorous capital competition supports competitive advantage in range of future states
Capital Allocation Framework	Transparent capital hierarchy promotes accountability and discipline • Reduced debt by ~US\$15 billion over last two years and established target net debt range of US\$10 to US\$15 billion • Minimum 50% payout ratio policy ties dividends to company performance • Improved capital discipline with all investments tested against additional returns to shareholders
Evaluation	Greater appreciation of risk as well as reward in all investment decisions • Quantitative and qualitative risk assessments with a broad range of return metrics • Range-based forecasts, stress testing and sensitivity analysis to manage volatility • Capital prioritisation fully considers 'optimise without capital' alternative and opportunity cost
Organisation structure	Centralised capital prioritisation encourages greater competition for capital • Separation of sponsor and analysis to remove unconscious bias • Earlier Board reviews incorporated into project tollgating process • Post investment lessons critically examined and embedded

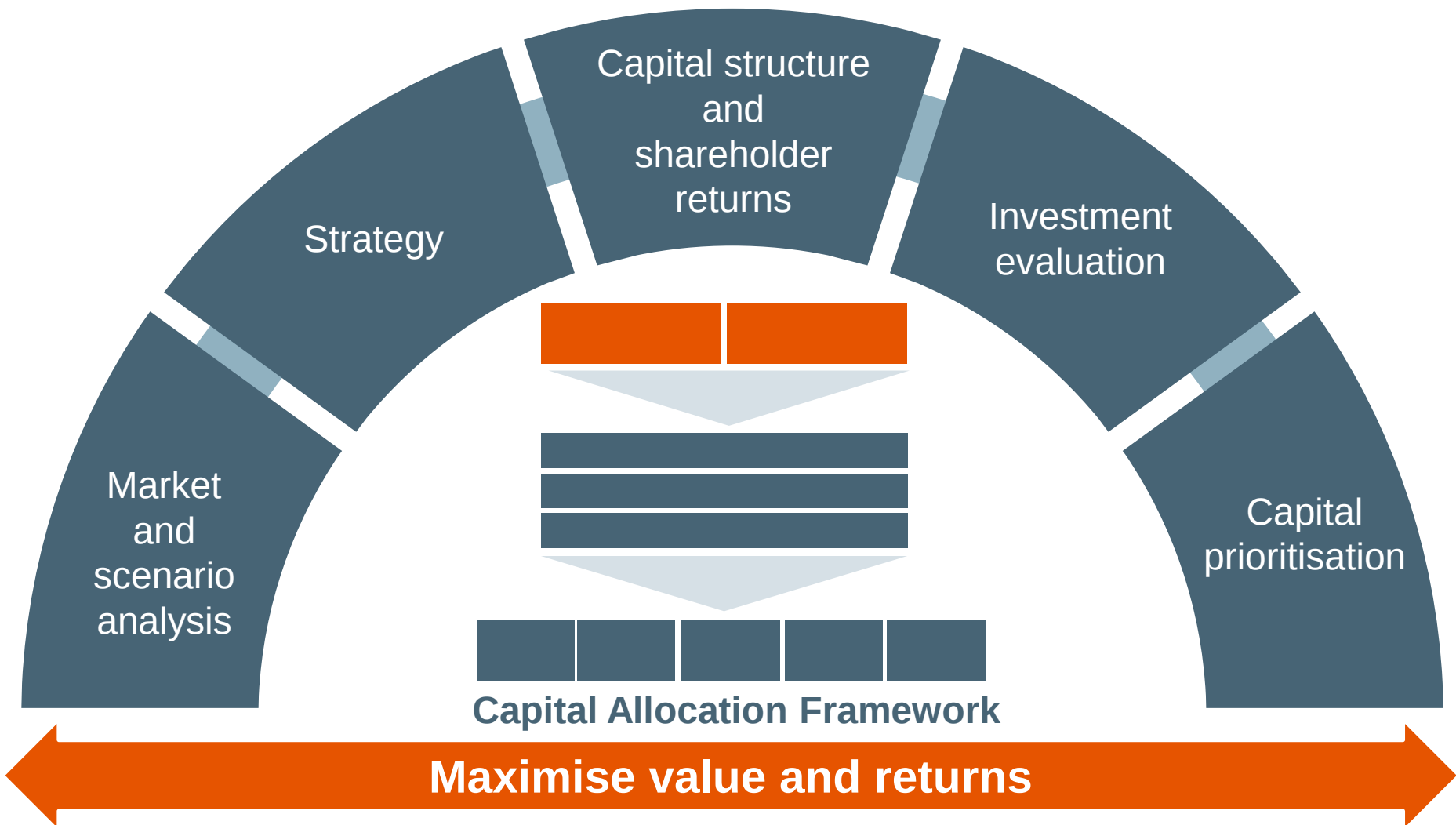
Our framework promotes discipline in all capital decisions

Transparent capital allocation hierarchy



Holistic and objective end-to-end capital allocation process

More integrated approach to capital allocation across assets, finance and commercial functions

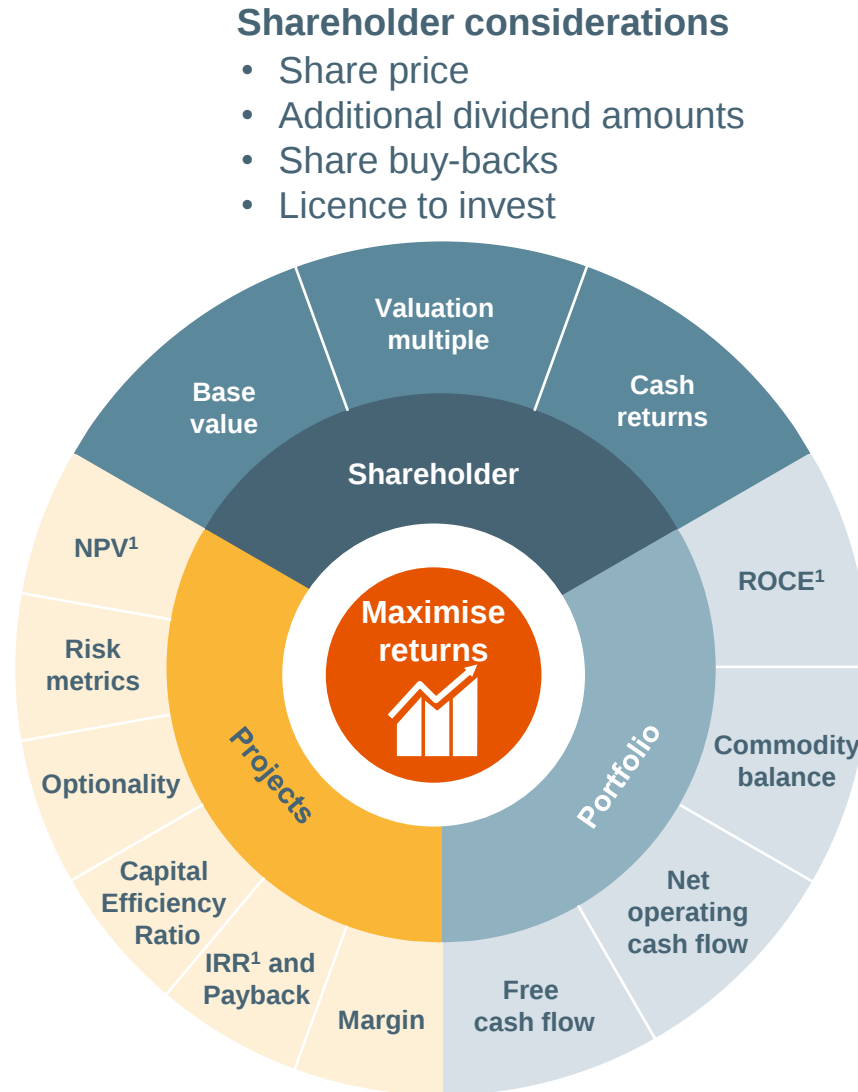


Increased rigour in our evaluation approach

Scenario and range analysis underpins robust assessment of investment decisions

Project considerations

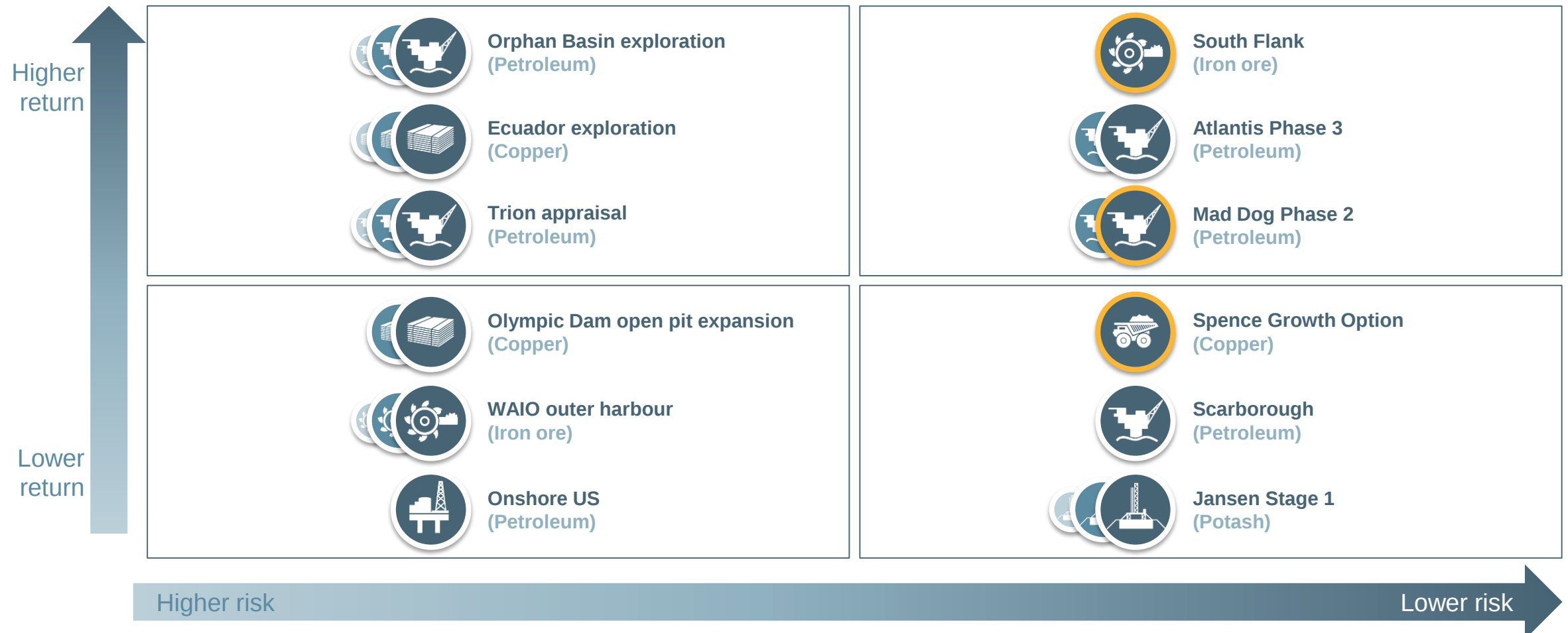
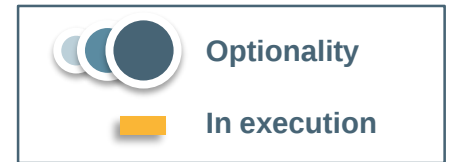
- Risk considerations
- Industry cost-curve position
- Embedded optionality
- Exit / deferral options



1. NPV: Net Present Value; ROCE: Return on average capital employed; IRR: Internal Rate of Return.

Broad suite of attractive opportunities

Comprehensive approach to evaluate and rank opportunities based on returns, risk and optionality

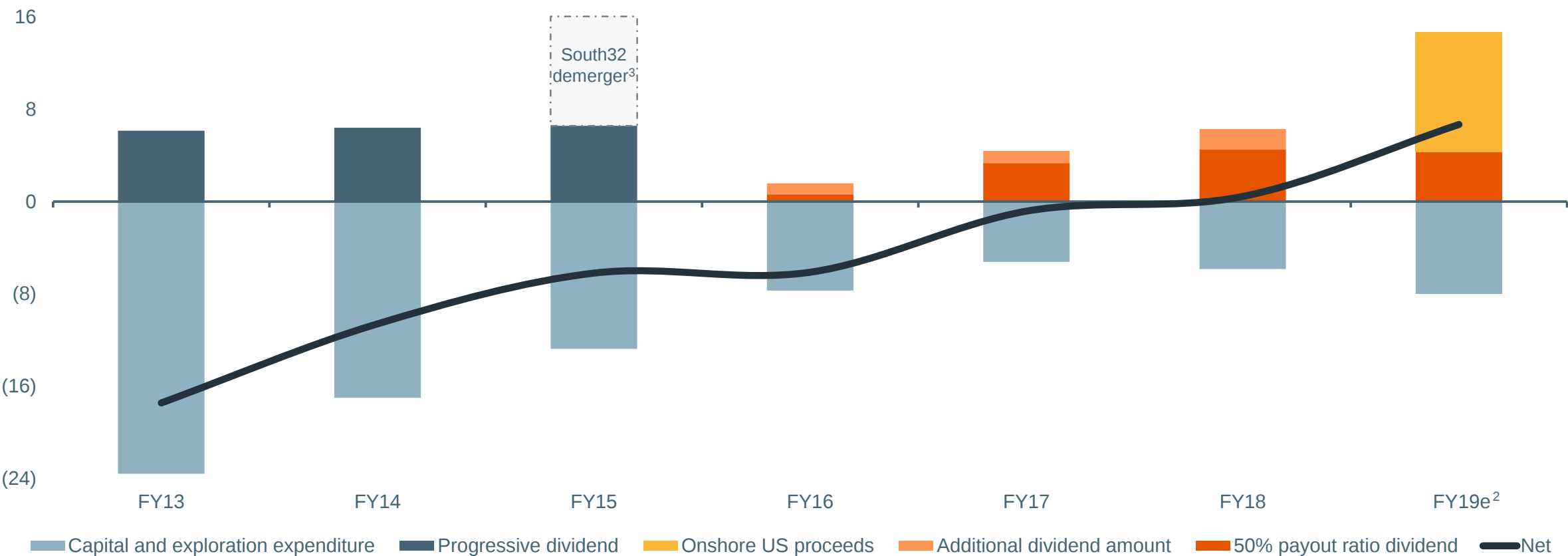


Changes are embedded, sustainable and delivering

Rebuilding trust takes time and we will be judged on delivery, but changes are embedded and working well

Returns to shareholders and capital and exploration expenditure¹

(US\$ billion)



1. Dividends represent dividends determined for the period. Capital and exploration presented on a total operations basis up to FY14.

2. FY19e dividend assumes minimum 50% payout ratio dividend amount only based on 2018 consensus prices.

3. South32 demerger value based on market capitalisation using 5-day volume weighted average prices between 18 to 22 May 2015 inclusive.

Changes are embedded, sustainable and delivering

Outcomes since the implementation of the Capital Allocation Framework at the beginning of 2016



Debt	Additional dividends	Buy-backs	Organic development	Acquisitions/ divestments
Over US\$15 billion of debt reduction At low end of the US\$10 to US\$15 billion net debt range	US\$9 billion of additional dividends announced US\$3.8 billion paid US\$5.2 billion special dividend announced	US\$5.2 billion Limited off-market buy-back announced ~US\$2.2 billion of franking credits expected to be released	US\$15 billion invested 3 major projects sanctioned at average IRR of ~20%¹ 5 latent capacity projects sanctioned at average IRR of ~60%¹ 8 exploration wells encountered hydrocarbons	Close to optimal portfolio Onshore US sold for US\$10.8 billion Successful bid for Trion oil discovery in Mexico Strategic position in SolGold copper exploration project

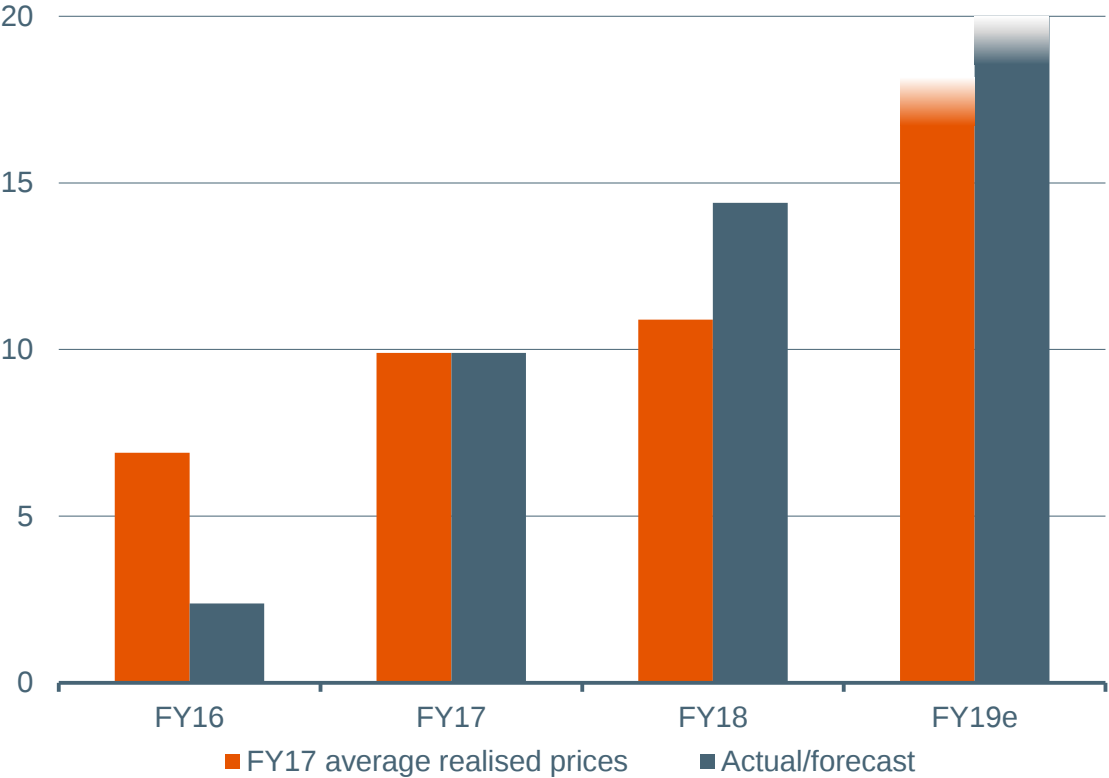
1. Average returns: Major project returns at consensus price forecasts at the time of Board approval; latent capacity project returns as presented in May 2018 at the Bank of America Merrill Lynch Global Metals, Mining & Steel Conference.

Our plans are delivering

Rebuilding trust takes time and we will be judged on delivery, but changes are embedded and working well

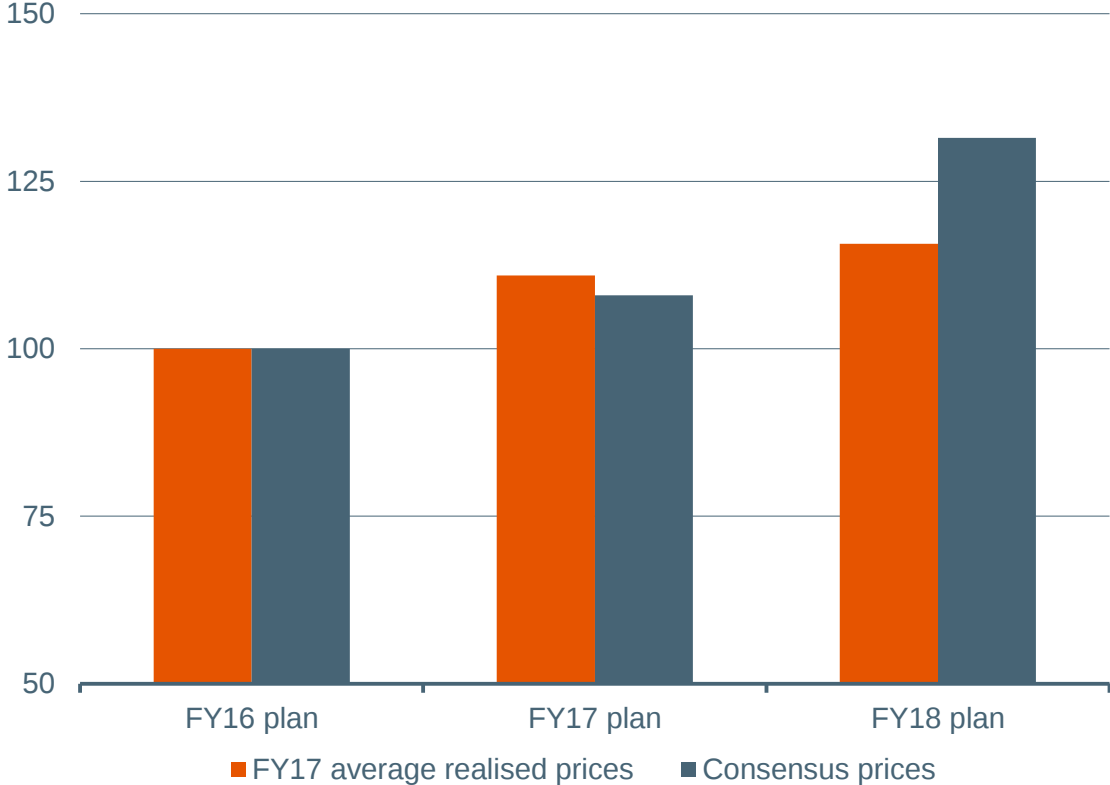
Returns

(ROCE¹, nominal %)



Base value²

(Index, FY16=100)



1. Represents annualised attributable profit after tax excluding exceptional items and net finance costs (after tax) divided by average capital employed. Capital employed is net assets before net debt. Presentation of future Underlying Return on Capital Employed (ROCE) does not constitute guidance and represents outcomes based on differing price and other scenarios.
2. As presented at the Bank of America Merrill Lynch 2018 Global Metals, Mining and Steel Conference on 15 May 2018. Reflects the planning forecasts at the time before the addition of upside opportunities.

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We have the assets, capability, discipline and options

Our plans show ROCE to 20% by FY22 (at FY17 prices) and improvement in base value



Debt	Additional dividends	Buy-backs	Organic development	Acquisitions/ divestments
Net debt range of US\$10 to US\$15 billion To remain at lower end in current price environment Supports counter-cyclical investments Efficient return on equity focus	Committed to cash returns to shareholders Considered at each half-yearly period 50% of shale proceeds to be returned in January 2019 via special dividend	Compete with investments and additional dividends Risk and return metrics fully considered 50% of shale proceeds to be returned in December 2018 via off-market buy-back	<US\$8 billion capex per annum to FY20 Latent capacity projects deliver average returns >100%¹ Future options deliver average returns ~17%¹ Continued focus on replenishing resource through exploration	Need to compete with internal options Potential for more copper and oil growth Focused on early stage high risk / high return opportunities

1. Average returns: Latent capacity project and future options returns as presented in May 2018 at the Bank of America Merrill Lynch Global Metals, Mining & Steel Conference.

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Balancing risk / reward

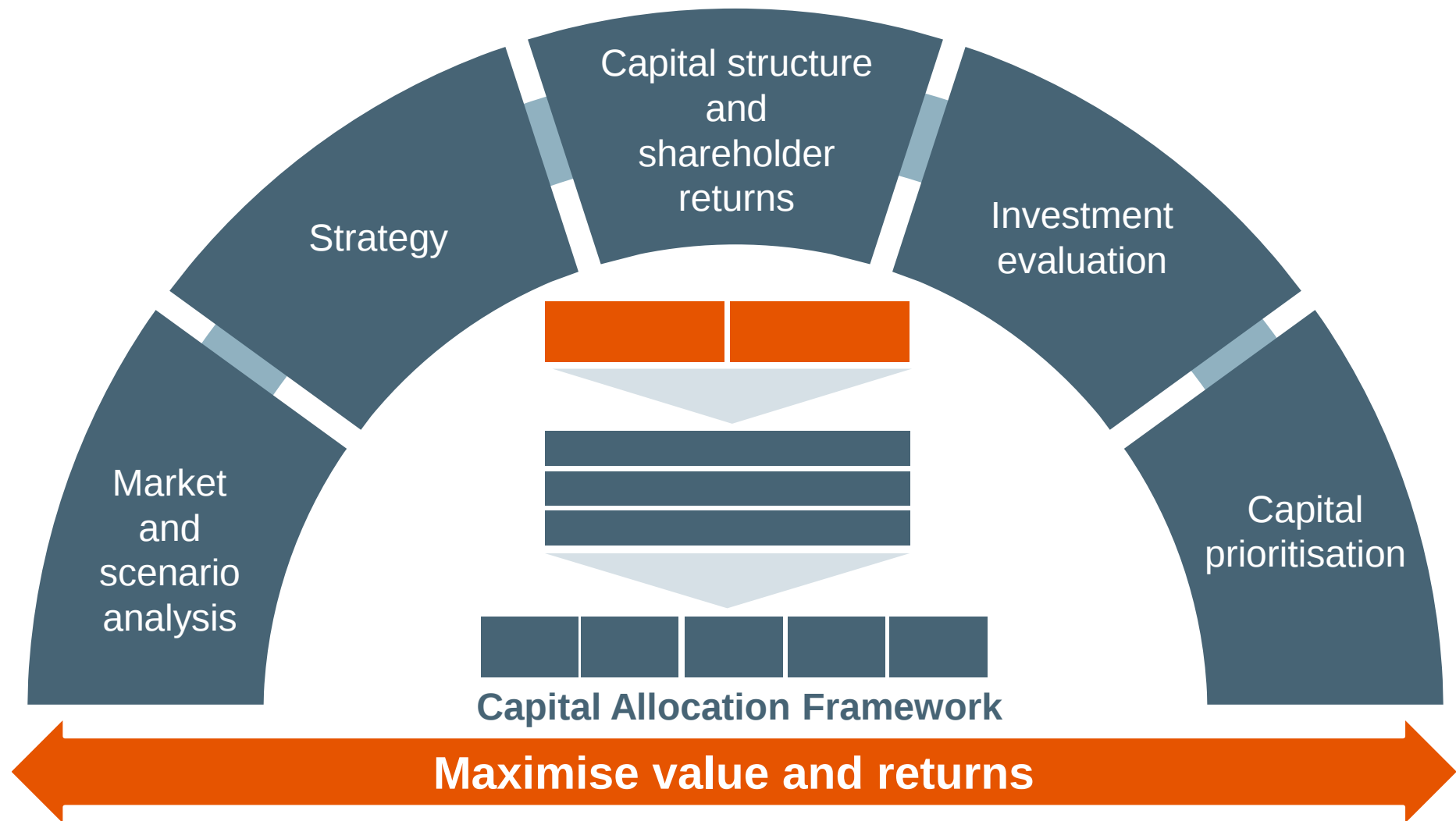
Accepting and managing risk is inherent to value creation
Focus on a range of risk and return measures to evaluate opportunities

Value and returns

Improvements are significant, sustainable and are driving improved value and returns
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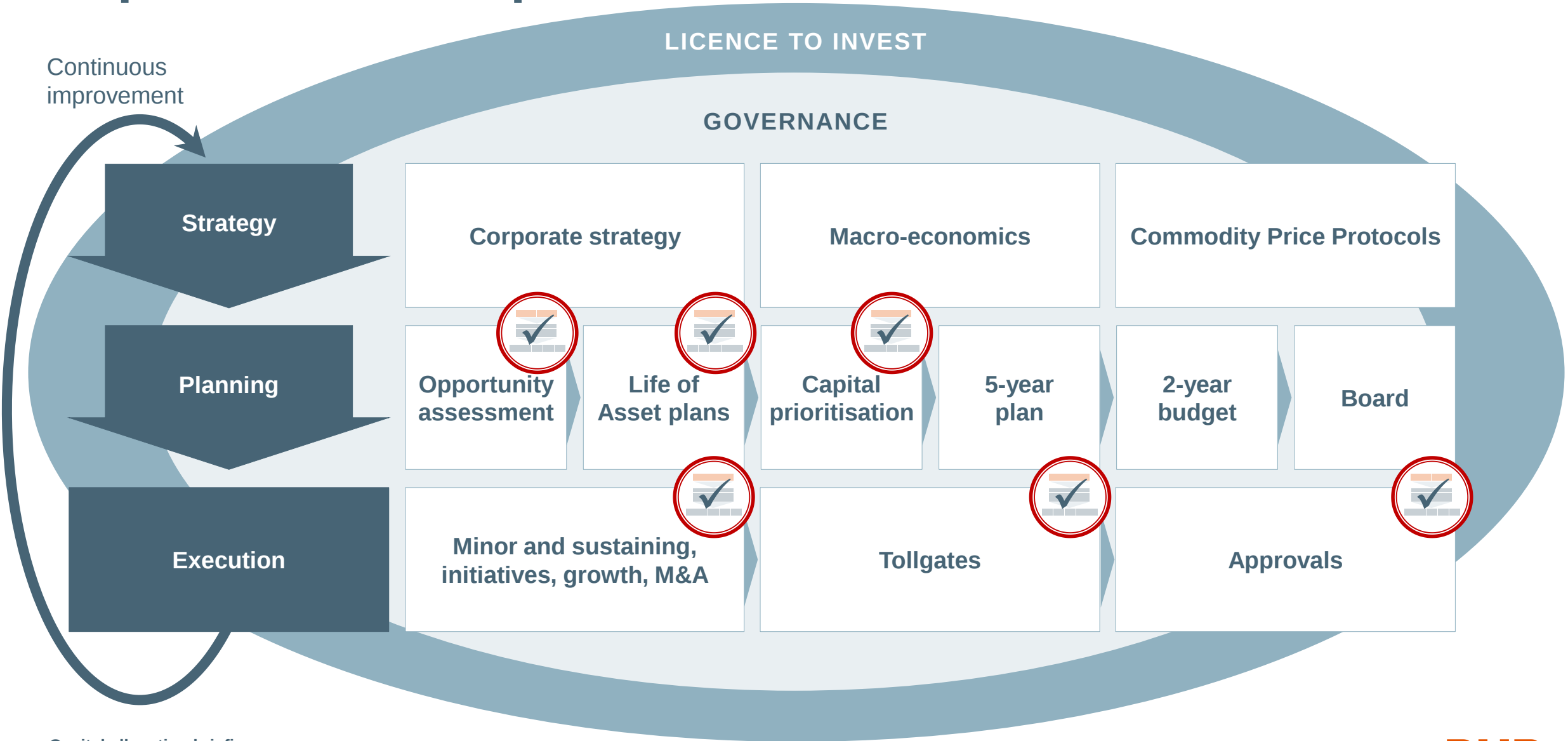
BHP

Capital allocation briefing: deep dive



Capital allocation process

Continuous improvement



Market and scenario analysis: Key messages

Market and scenario analysis narrows the range of future uncertainty, supporting better investment decisions today

Differentiated view

Minerals and energy portfolio diversity enables a holistic view of the global landscape
Integrated commercial and finance functions provide end-to-end market intelligence

Independent & objective

Forecast commodity price ranges compiled independently of project sponsors
Price forecasts applied consistently across the Company

Through the cycle

Structures, accountabilities and methodologies seek to mitigate bias and pro-cyclicality
More stable long-run views based on strong fundamental analysis enable counter-cyclical thinking

Robust methods

Scenario, range, counterfactual and shock event analysis exposes most significant uncertainties
Stress test core beliefs and key assumptions that underpin our 'business as usual' projections

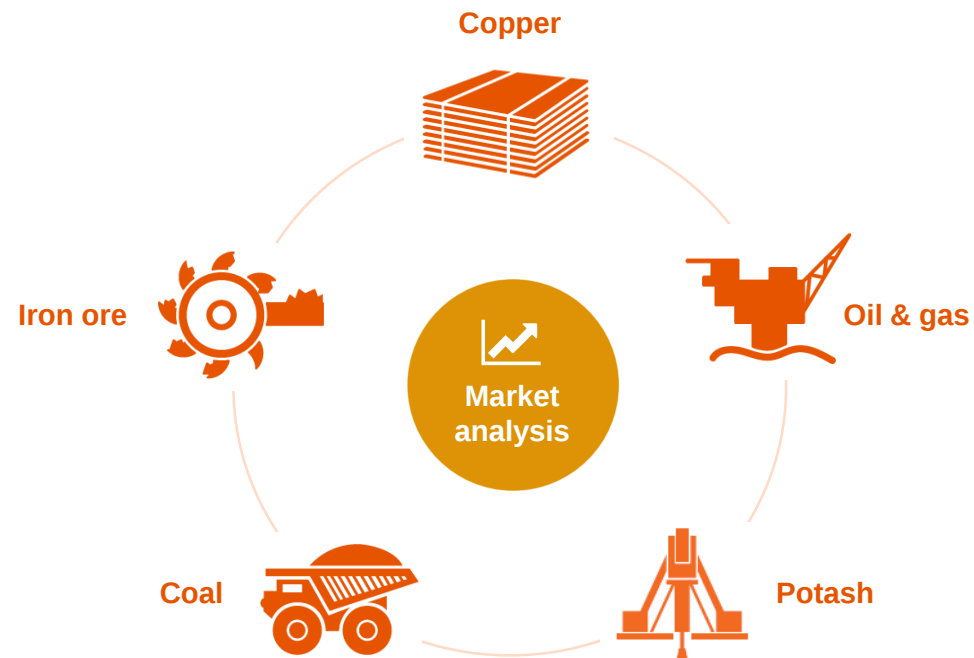
Rigorous foundations

Holistic fundamental analysis synthesizing macro, sectoral, technological, market and 'geo' drivers
Deep understanding of the operating environment, including detailed external benchmarking

Our portfolio and structure provide unique perspective

A holistic view of the global landscape, enabled by our portfolio diversity and end-to-end commercial insights

Diversity of our commodity portfolio



Integrated commercial and finance functions



Improving capital allocation

More stable long-term views and internal consistency drive a level playing field in the competition for capital

Our internal research showed we were pro-cyclical and biased towards recency

We have addressed both the *technical* and *human* factors behind pro-cyclicality and recency bias

We are now more stable, ...

Less volatility in long-term forecasts, especially instability stemming from recency bias

more objective, ...

Independent team drives internal consistency across all projections

more technically proficient, ...

Engineering out inadvertent pro-cyclicality in methodology and considering views of supply and demand experts

and more measured.

Mid case de-emphasised in favour of plausible ranges and probability weighted risk

This is the tip of the iceberg – what's beneath the surface?

Our forecasts are built on rigorous foundations; and are routinely challenged by robust methods

Short term

Medium term

Long term

Policy uncertainty	Growth moderating	New copper & oil supply	Steeper cost curves	Growth in population, wealth	New demand centres and themes
Sentiment mixed	Prudently cautious	Sustainable productivity	Emerging Asia	Decarbonisation and electrification	Technology

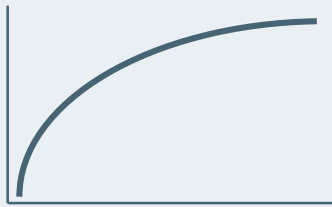
Forecasts

Scenarios

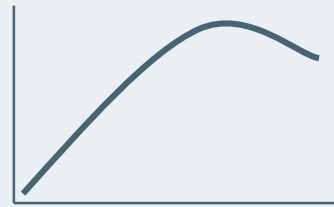
Deep understanding of the operating context

Synthesizing macro, sectoral, technological and 'geo' factors with commodity specific dynamics

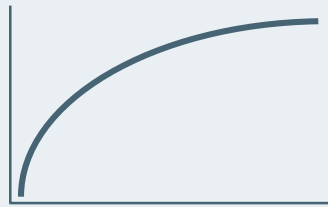
Living standards & demography



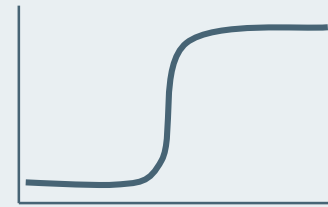
Metal intensity



Energy intensity



Technological diffusion



Policy drivers



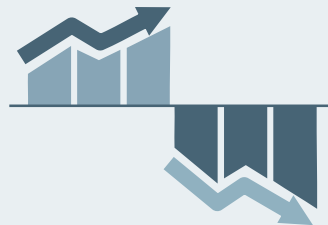
'Geo' factors

-  Geology
-  Geography
-  Geopolitics
-  Geoeconomics

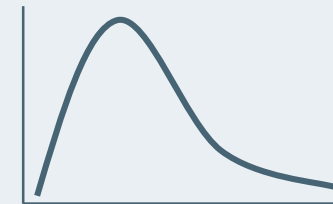
Supply dynamics



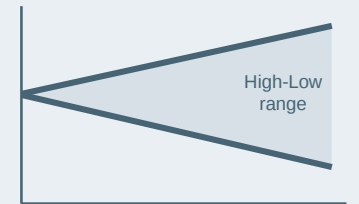
Cost dynamics



Price dynamics



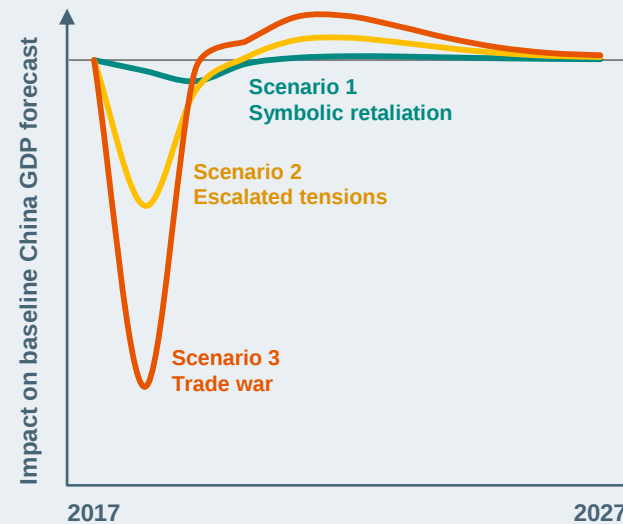
Acknowledging uncertainty



Tracking demand dynamics on all time horizons

Short-term shocks Sino-US trade tensions

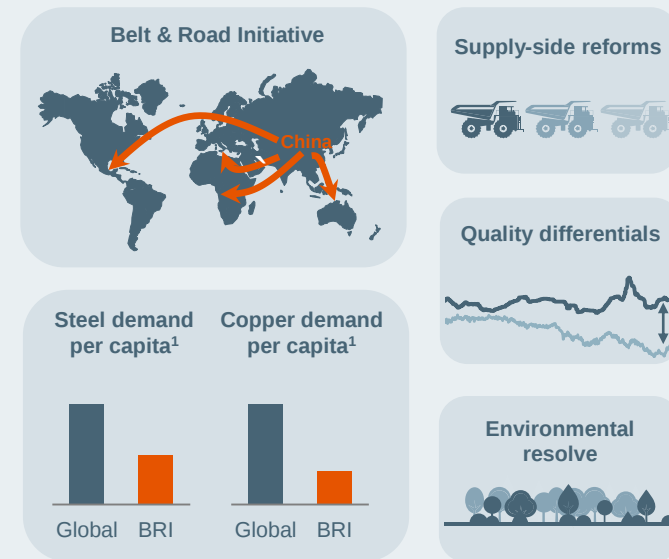
Dynamic modelling of potential shocks, allied to bottom-up expertise, equips us to anticipate and prepare for potential stress



► How resilient is our Balance Sheet to shocks?

Medium-term shifts China's new reform era

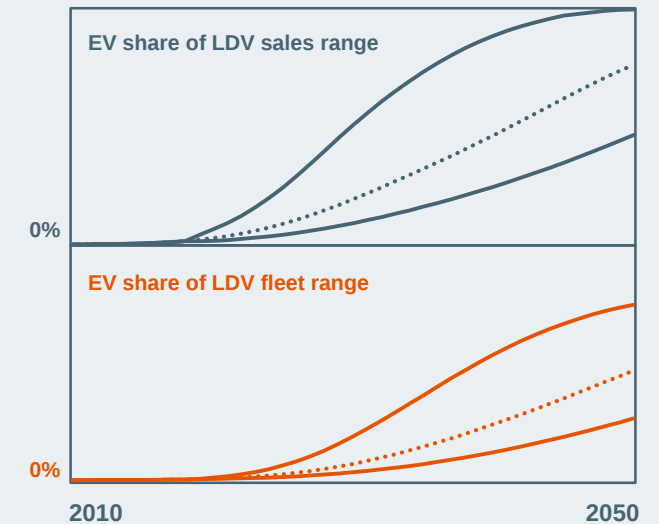
Quality differentials likely to be durable; China's mill fleet becomes bigger, coastal & greener; Belt & Road a key enabler of Eurasian development



► How do we replace declining Yandi volumes?

Long-term risks & opportunities Electrification of transport

EV share of light vehicle sales is set to grow, potentially increasing demand for copper and nickel, while lowering demand for oil



► How is our portfolio set up to leverage EV trend?

Source: All data shown based on internal BHP analysis. Abbreviations: GDP – gross domestic product; BRI – Belt and Road Initiative; EV – electric vehicle; LDV – light duty vehicle.

1. BRI figures shown for demand per capita exclude China; steel figures represent average for 2016; copper figures represent average for 2017.

Strategy: Key messages

Our strategy creates long-term value for shareholders

Scenario analysis

Long-term scenarios to test portfolio resilience and identify new opportunities under materially different worlds

Strategic focus

Maximise shareholder value and returns by driving competitive advantage through industry-leading capabilities applied to a portfolio of world-class assets in the most attractive commodities

Optimised portfolio

Strategy helps direct capital allocation enabling evolution from today's optimal portfolio to the optimal portfolio in the future

Competitive advantage

Identification of key value drivers in each of our commodity businesses: productivity, simplification, maturation of our option suite; underpinned by a strong balance sheet

Future options

Option-based approach to investments, with rigorous competition for capital, supports competitive advantage in a range of future outcomes

Improving capital allocation

We have invested in strategic capabilities in the last three years

Strategic thinking

Scenario analysis to uncover opportunities and risks: from now through the very long term

Divergent thinking, bookends to test extreme *what if* outcomes

Strategic framework

Holistic framework drives competitive advantage: culture and capabilities, commodities and assets

Strategic fit

Assets must be on strategy and compete for capital based on risk-adjusted returns

Filling the gaps through acquisitions and divestments, exploration and early stage options

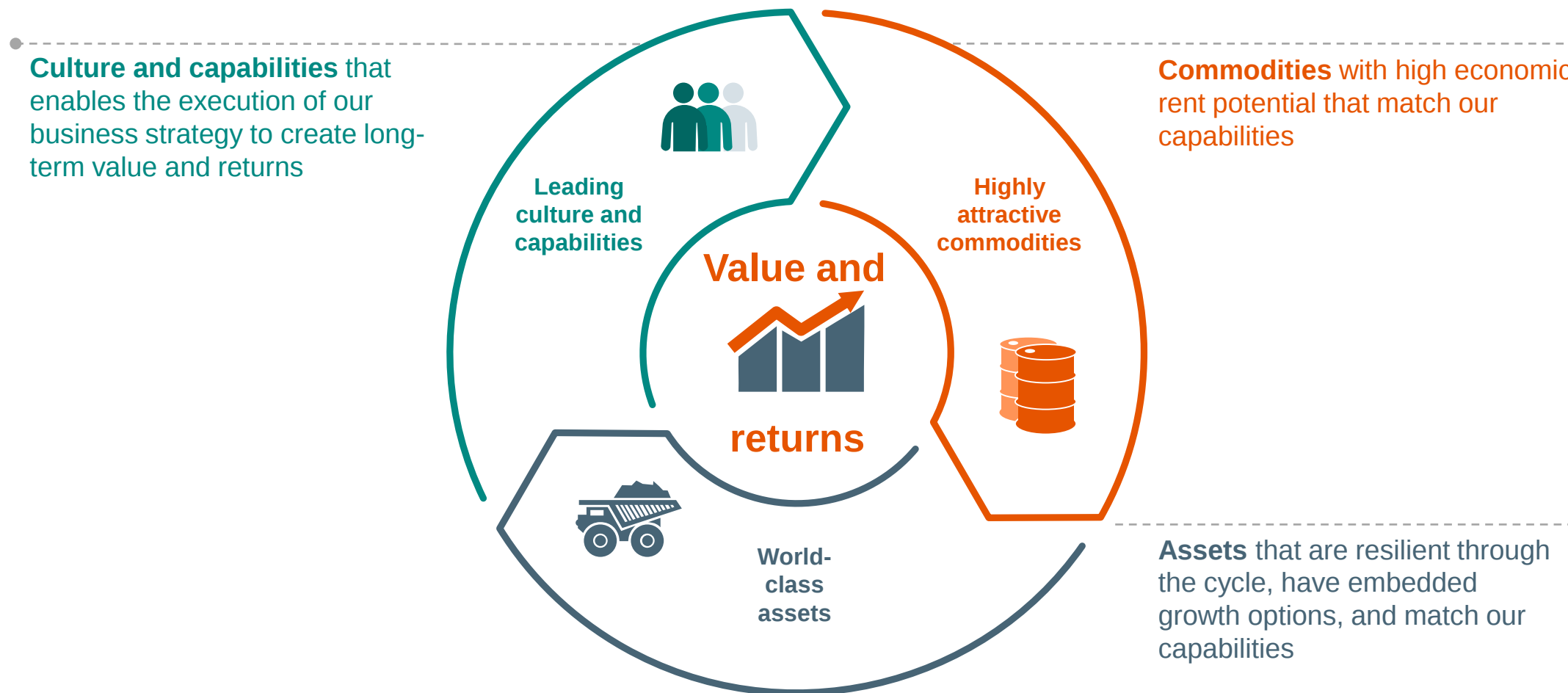
Structure and capabilities

Centralised strategy team within Finance

Strategic alignment in all decision-making across the Group focuses effort towards a common goal

Strategic framework

Leverage our values, capabilities and resources to meet the evolving needs of markets



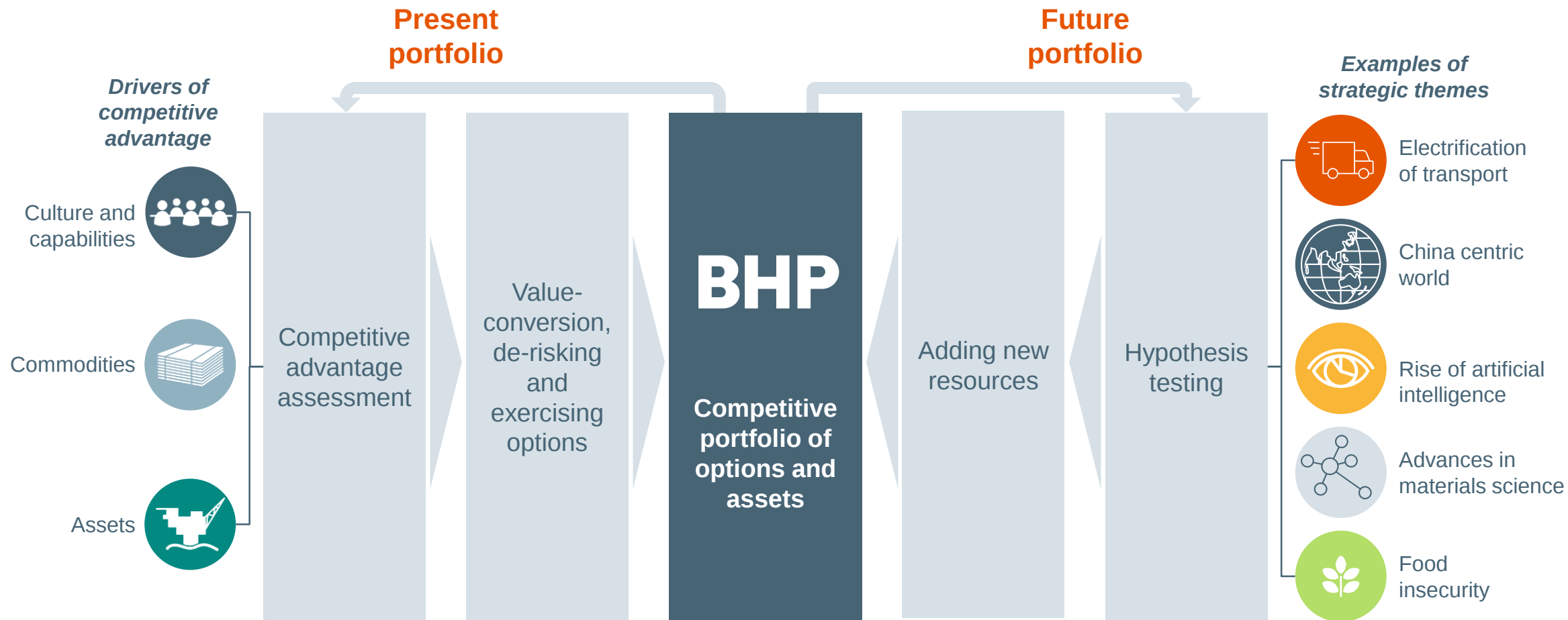
Strategic drivers

We aspire to have industry-leading capabilities applied to a portfolio of world-class assets in the most attractive commodities

Strategic capabilities	Which commodities?	Which assets?
Market intelligence	Market size	Cost curve position
Resource access	Supply and demand gap (i.e. growth potential)	Expansion options
Capital allocation	Potential to capture rent	Resource life
Value conversion	Risk of disruption	Capital intensity
Social value		Alignment with our capabilities
		Country risk

Strategic process

Continually assessing our competitive advantages and future fitness of portfolio



Capital structure and shareholder returns: Key messages

Strong balance sheet and payout ratio dividend underpin financial flexibility

Integrated

Capital Allocation Framework embeds Treasury in balance sheet, distribution and investment decisions
Treasury an increasingly proactive influence in capital allocation

Through the cycle

US\$10-15 billion net debt range provides optimal balance of flexibility, optionality and efficiency
Provides downside protection and supports our ability to invest counter cyclically

Scenario analysis

Forward-looking probabilistic and deterministic analysis to stress test the balance sheet and dividend payments
Consistently test affordability of planned portfolio and investments

Robust liquidity

Strong liquidity provides buffer from volatility
Debt portfolio remains diversified and long dated

Shareholder returns

Minimum 50% payout ratio dividend policy better suited to cyclical cash flows and supports counter-cyclical investment
Additional distributions assessed through application of Capital Allocation Framework

Improving capital allocation

Through the Capital Allocation Framework, Treasury is embedded in investment and capital returns decisions

Integrated

Treasury expertise embedded in strategic decisions

Integrated approach to Financial Risk Management

Commerciality

Best practice from bank and corporate treasuries

Commercial mindset in transaction structuring

Transparent

Clear Treasury frameworks for balance sheet and liquidity

US\$10-15 billion net debt target range

Minimum 50% payout ratio dividend policy

Risk

Increased focus on internal capital, market and credit risks

Range-based forecasts and stress testing to manage volatility

Strong balance sheet

A strong balance sheet provides stability, flexibility and optionality through the cycle

Stress tested metrics

Balance sheet tested under a range of price scenarios

- Buffer for price moves protects the company and ensures ability to act counter-cyclically
- Consistently testing affordability of cash returns and investment

Debt management

Diversified and long-dated maturity profile

- Lower gross debt and long weighted average life of debt
- Staggered maturity profile for added flexibility

Strong liquidity

Shielding the business from volatility

- Undrawn committed US\$6 billion Revolving Credit Facility
- Enhanced liquidity framework better caters to volatility

Net debt target range

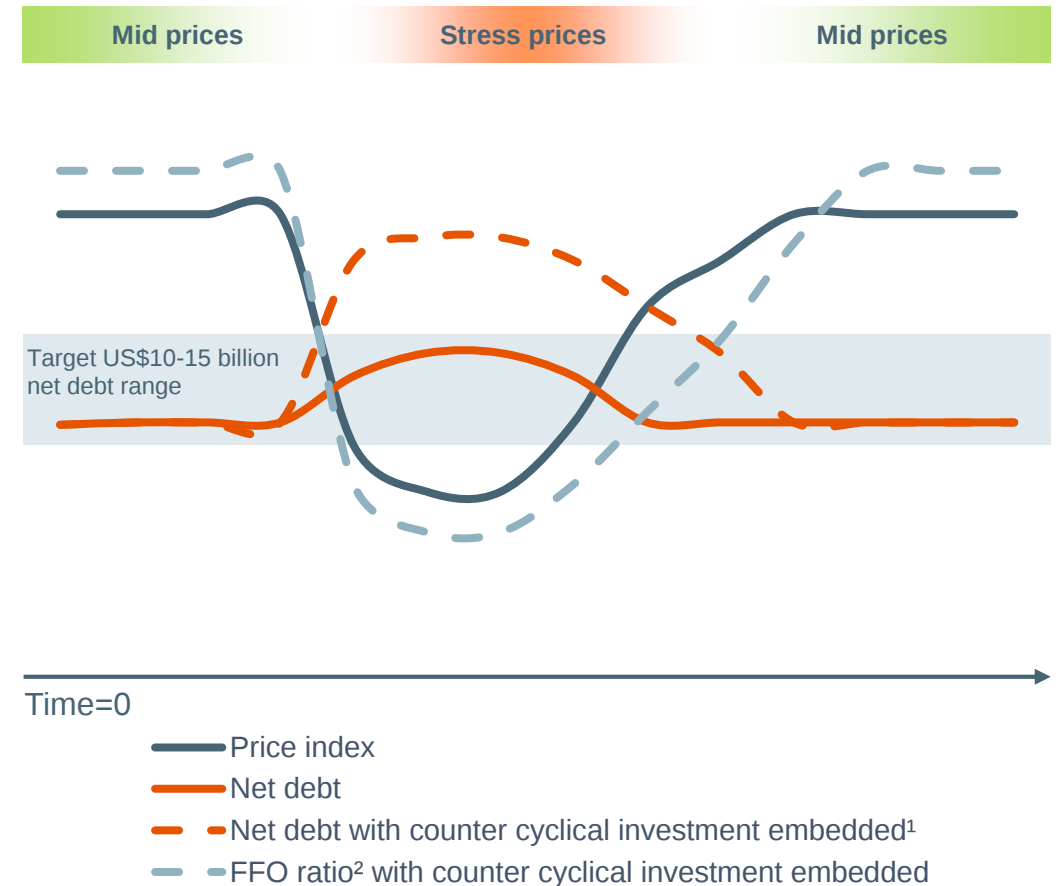
Transparent target range provides stability and flexibility

- Net debt to move counter-cyclically
- Range can be temporarily breached for the right opportunity with pathway back to range

1. Assumes US\$5 billion acquisition of early-stage opportunity.

2. FFO ratio: Funds From Operations/Net Debt.

Illustrative net debt range through the cycle



Minimum 50% payout ratio dividend and additional returns

Rewarding our shareholders whilst maintaining flexibility

Minimum dividends

Payout ratio better suited to cyclical cash flows

- Committed to cash returns – important component of TSR¹
- More responsive to changes in conditions
- Reduces volatility in net debt
- Supports counter-cyclical investing

Additional amounts

Considered through Capital Allocation Framework

- Additional US\$9 billion over minimum dividend announced since February 2016²
- Balance sheet position considered when determining amount of excess cash available
- Additional shareholder returns compete with investments

Strength and flexibility

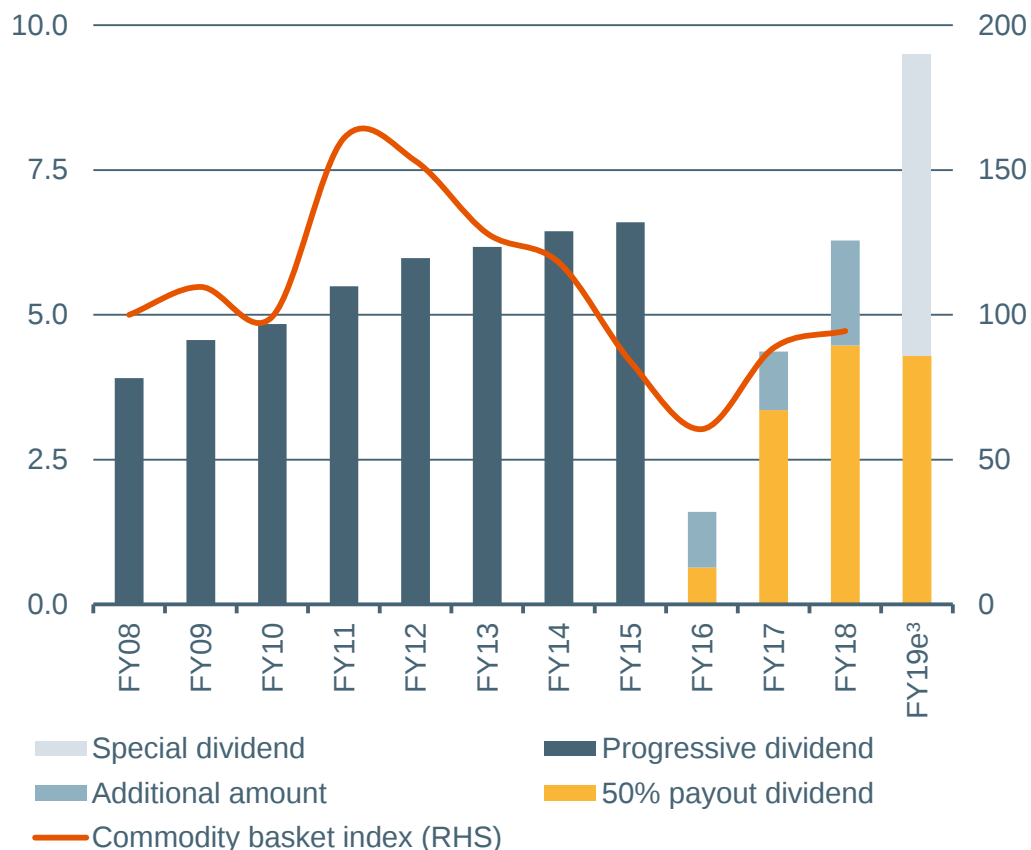
Better placed for the next downturn

- Debt moving counter-cyclically while dividends move pro-cyclically
- Supports improved capital allocation through the cycle

Payout ratio dividend policy responds to market conditions

(Dividends determined, US\$ billion)

(Commodity index, FY08=100)



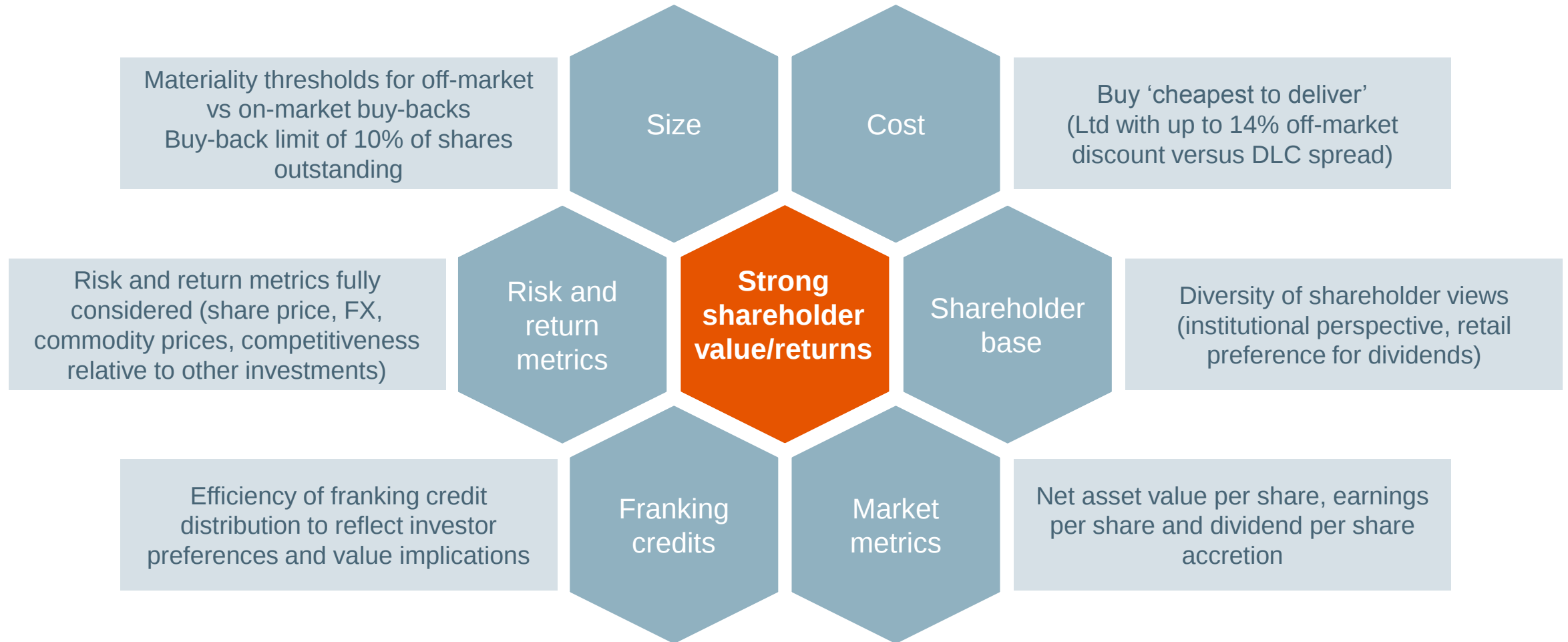
1. TSR: Total shareholder returns.

2. US\$3.8 billion additional dividend amounts returned in last two years, plus US\$5.2 billion special dividend announced in relation to Onshore US divestment.

3. Assumes minimum 50% payout ratio dividend amount only based on 2018 consensus prices.

Share buy-back analysis

The Capital Allocation Framework underpins the form of returns of the share proceeds



Investment evaluation: Key messages

Thorough approach to investment evaluation to optimise our decisions

Portfolio

Broad suite of attractive opportunities across commodities and time periods
Objectively assessed through comprehensive risk-return framework across the development life cycle

Return

Wide range of metrics to assess returns across project, portfolio and shareholder level
Used in conjunction to provide holistic view on returns

Risk

Full risk assessment across quantitative and qualitative criteria
Consider full set of material risks relevant to each capital allocation decision

Risk-adjusted returns

Our focus on risk-adjusted returns allows us to better understand embedded optionality and value
Appropriately considering the investment risk and reward characteristics enables better decisions

Options

Constantly replenishing options with flexibility at entry and exit points to manage risk
Focus on options with a low cost of carry

Improving capital allocation

Structural changes to our investment evaluation processes to improve objective opportunity assessment

Strategic

Centralised opportunity assessment to increase strategic alignment and reduce bias

Simplified processes and robust internal capability enable fast investment decisions

Transparent

Early and iterative investment review process

Fully incorporate impacts of incremental supply in investment decisions

Capital Allocation Working Group formed and recommendations implemented

Objective

Quantitative and qualitative risk-return analysis

Focus on a range of inputs and outcomes to understand volatility

Standardised across major, minor projects, exploration and M&A

Flexible

Assets identify and optimise opportunities

Low, medium and high scenarios considered to improve downside protection

Project risk-return assessment

A broad range of metrics used to assess risk-returns across project, portfolio and shareholder level

Risk-adjusted returns

Investment return must at least match the returns from alternatives with similar risk and time horizons

- Appropriate risk-return balance
- Consistent long-term assumptions
- Returns at project, portfolio and shareholder level

Opportunity cost of capital

Tested against higher of cost of capital or return of share buy-back

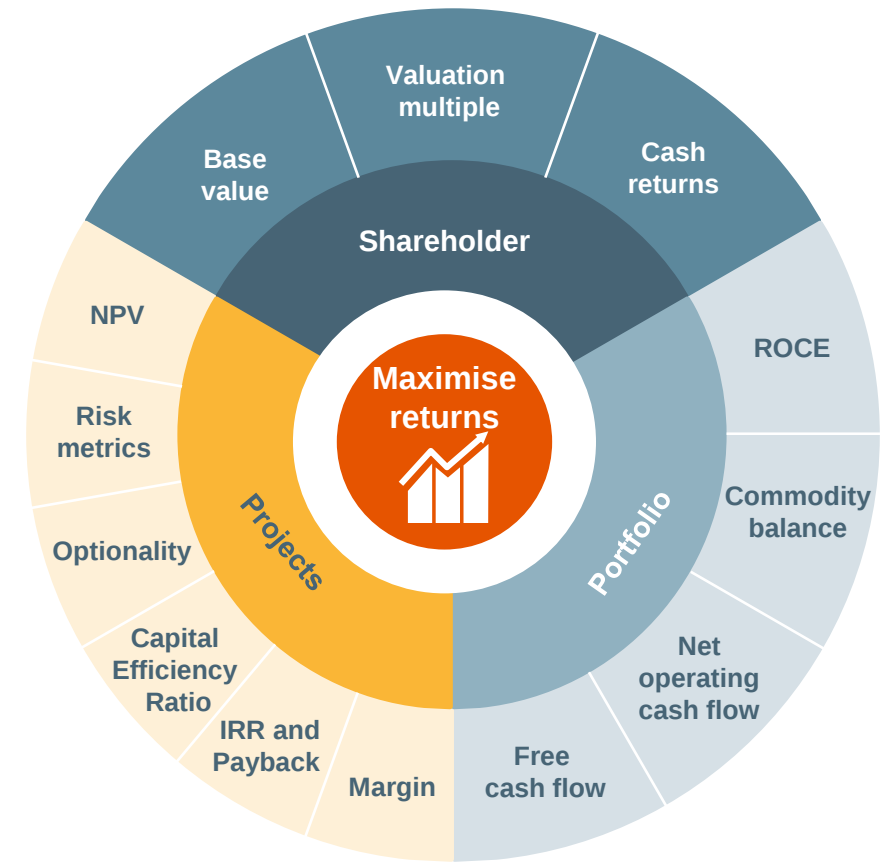
- Flexibility according to market conditions

Incorporating real options

Consideration of option value potential

- Future expansion options considered
- Exploration, early stage M&A, organic options
- Capital allocation guides investment decisions across real options

Metrics used in conjunction to provide comprehensive view on returns

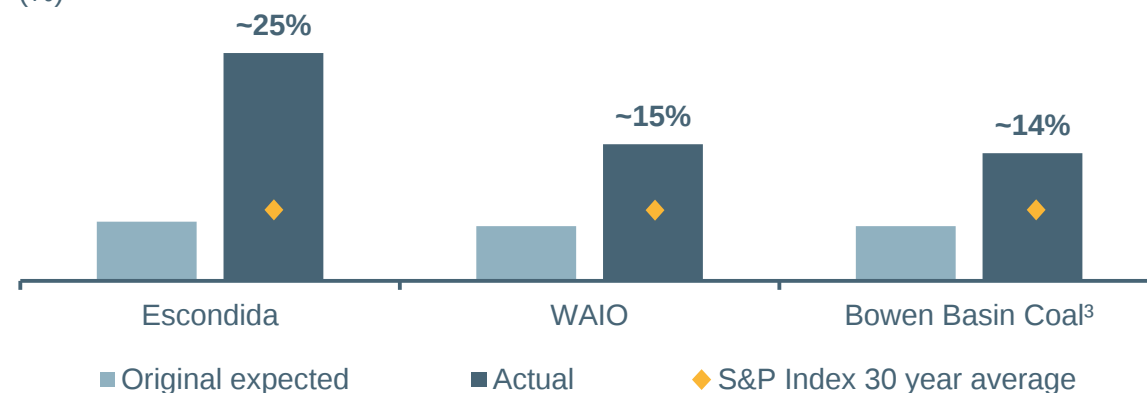


Focused on risk-adjusted returns

Simple hurdle rates may prevent us from making optimal decisions

- Investment into Tier-1 assets have been highly value accretive, returning significantly above the market average for ~30 years
 - these investments may have been missed if the decision was based on a hurdle rate, rather than their risk and reward characteristics
- In Onshore US, the expected high returns on short-cycle investments with volatile commodity prices were not realised – we have learnt from this

Asset returns (annualised)^{1,2} (%)



1. IRR real on a risk-adjusted, 100% basis. Indicative internal analysis.

2. Source: Thomson Reuters, BHP. Market indices reflected with Total Shareholder Return (TSR).

3. Includes BMA, BMC and Gregory Crinum.

Appropriately considering the investment risk and reward characteristics enables better investment decisions

Cash flow distribution and payback	Real options
- Near vs long-term view on cash flows - Period of time initial capital is at risk	- Multiple commodity price cycle improvement - Assessing expansion, deferral and exit costs
Industry cost curve position	Downside / upside risk distribution
- Sustainable high margins - Cost curve steepness	- Probabilistic analysis enabled - Understanding of both downside and upside risk

Holistic approach to project risk

Improved understanding of risk is driving better investment decisions

Quantitative risk



Qualitative risks



Integrated risk assessment

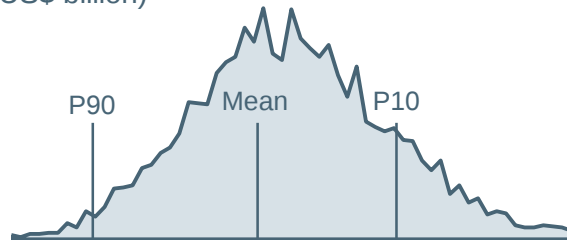


Operational risk



Macroeconomic risk

Project NPV distribution
(US\$ billion)



Understand NPV and IRR ranges to mitigate downside risks and improve certainty of outcomes



HSEC exposure



Geopolitical risks

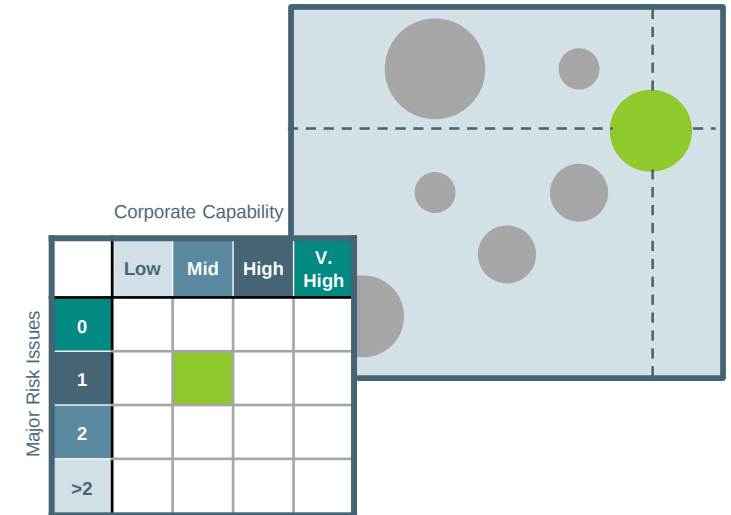


Capability / experience



Others

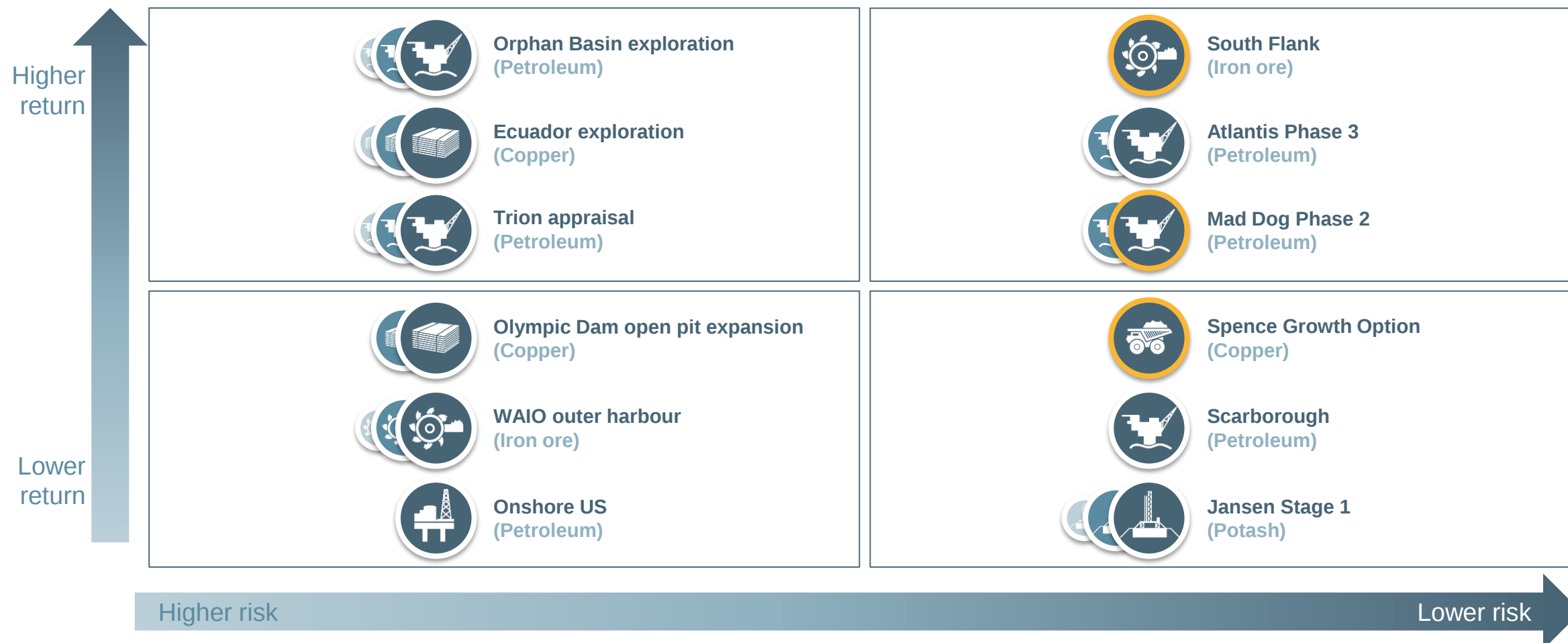
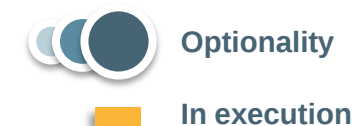
Qualitative risks assessed using dedicated framework



Consider full set of material risks relevant to each capital allocation decision to compare against returns

Broad suite of attractive opportunities

Comprehensive approach to evaluate and rank opportunities based on returns, risk and optionality



Capital prioritisation: Key messages

Improved capital prioritisation is encouraging purer competition for capital and driving improved capital productivity

Fundamental analysis

Bottom-up scenario and range analysis to consider the optimal level of investments
Greater rigour in option evaluation mitigates downside risks and improves certainty of outcomes

Structured approach

Opportunity assessment starts at the assets before competing centrally
Bottom-up build during the Life of Asset planning process

Multi-disciplinary

Weighing optimal capital towards balance sheet strength, growth, M&A and shareholder returns
Incorporating input from other areas of the business (including treasury, marketing, tax, accounting and projects)

Portfolio optionality

Capital allocation framework provides level playing field for diverse opportunities to compete
Growth, exploration and early stage M&A options assessed from a portfolio perspective

Time horizons

Lessons learnt from the past to better manage inevitable cyclicalities of the mining industry
Embedded in our short, medium and long-term decision-making

Improving capital allocation

Fundamental changes to our capital prioritisation processes to enable objective portfolio assessment

Holistic

Capital prioritised from a portfolio perspective consistent with long-term strategy, to ensure maximum value and returns

Includes major, minor & sustaining projects, latent capacity, exploration, technology and functional initiatives

Competitive

Purer competition for capital drives capital productivity

Investment tested against buy-backs and acquisition options

Objective

Capital prioritisation managed centrally to avoid bias from asset submissions

Whole of portfolio view drives better decisions

Discipline

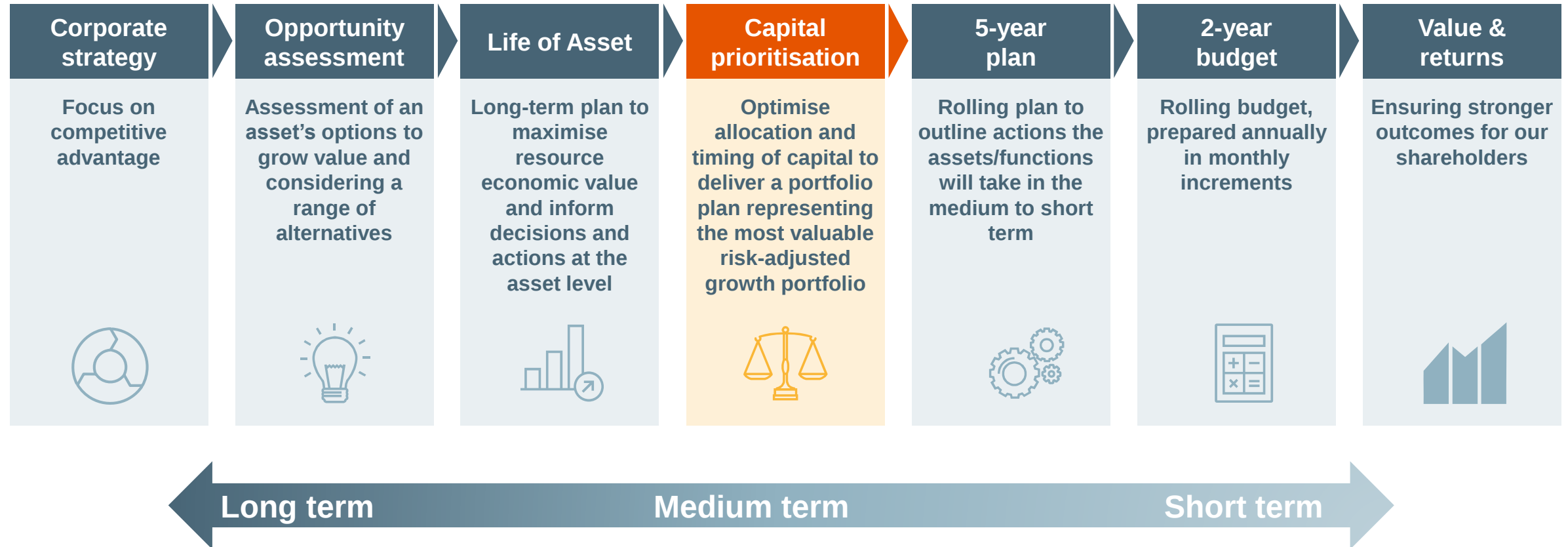
Standardised investment and evaluation approach

Fully consider risk vs reward, qualitative factors and investment constraints

Guided by the Capital Allocation Framework

Capital prioritisation is integral to our planning process

Capital prioritisation bridges planning across all time horizons to ensure alignment with strategy and day-to-day operations



Structured approach to assess options

Information generated by the assets during Life of Asset planning process



Bottom-up build up

Centrally assessed in corporate office with common criteria against other options



Strategic fit



Scenarios



Risk-return



Sequencing

Healthy competition of options with objective approach



Optimise value for considered level of risk

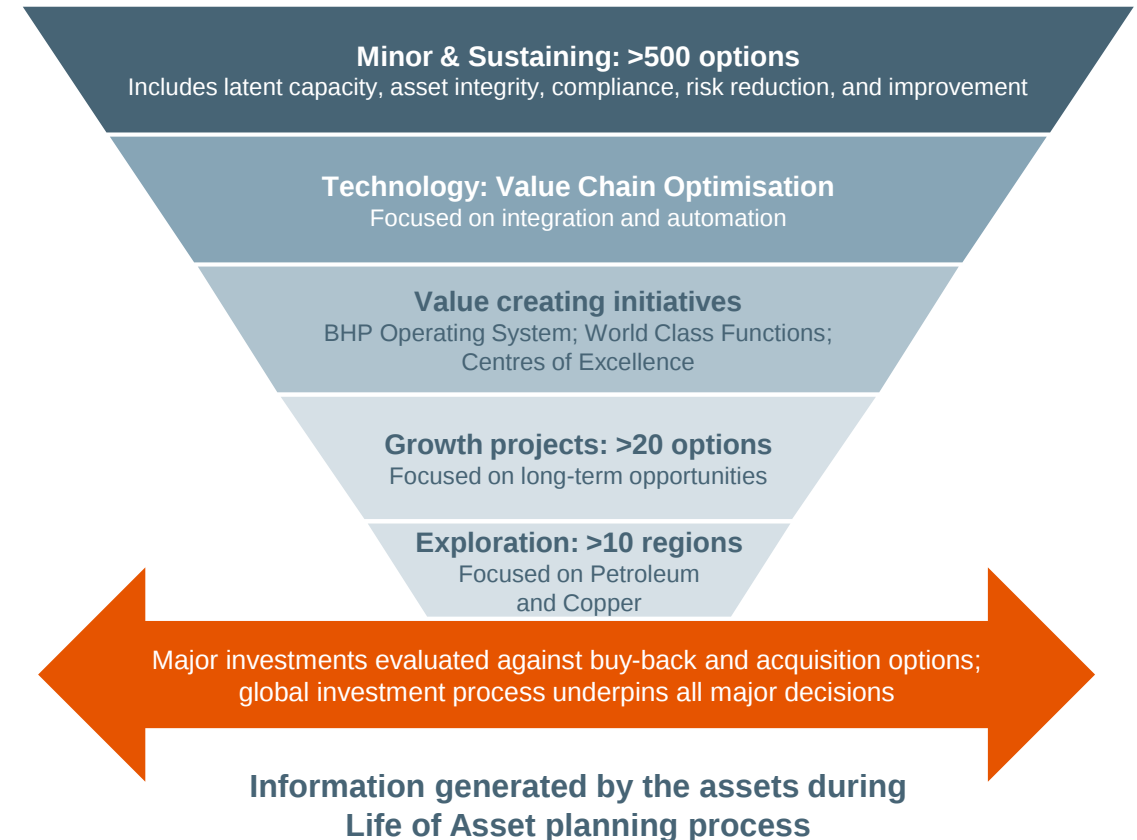
Bottom-up build during Life of Asset planning process

Assets identify different options to grow value of the business and include these in their Life of Asset plans



Life of Asset plans for capital prioritisation incorporates:

Current base plan	Potential growth
A current long-term plan excluding unapproved capital projects	Potential growth options based on insights from Opportunity Assessment
Closure plan	Asset preferred plan
Plans for closure are incorporated into the long term development plan	A long-term plan preferred by the assets including value creating options



Portfolio optionality assessed by centralised planning

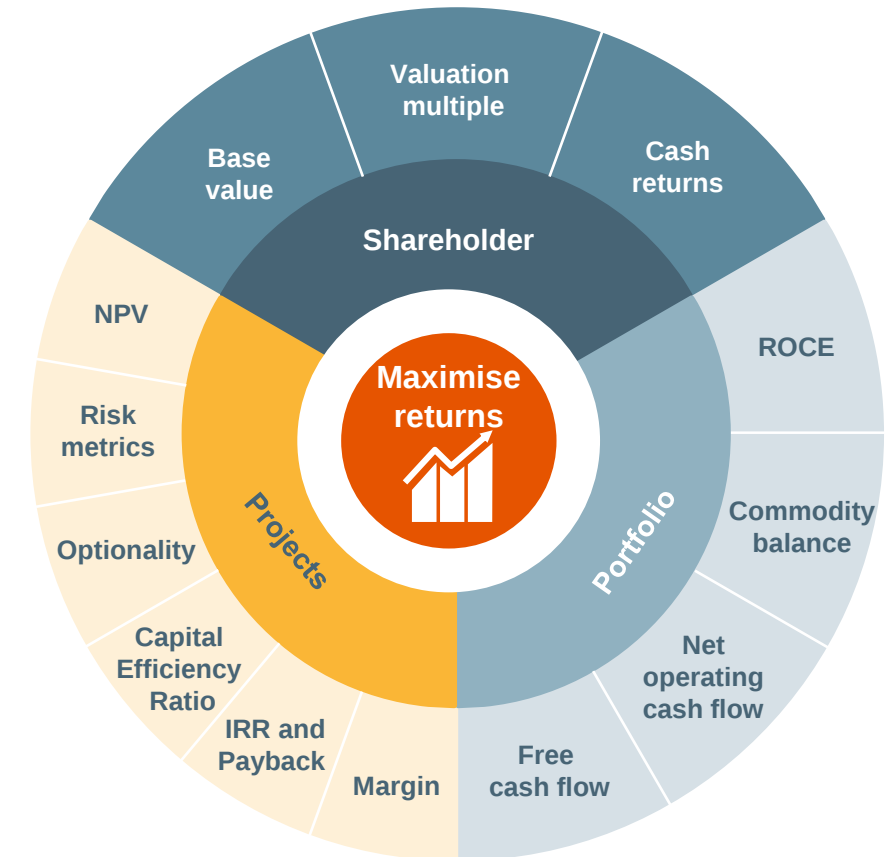
Options assessed from a portfolio perspective against a number of metrics



The assessment of options evaluates:



Strategic fit	Scenarios
Alignment to BHP's portfolio strategy	Stress test plans against different pricing scenarios
Risk-return	Sequencing
Evaluate capital projects against different risk-return metrics	Consider the timing of options to deliver the optimal value



Options are assessed across number of metrics at project and portfolio level

Value is optimised for a considered level of risk

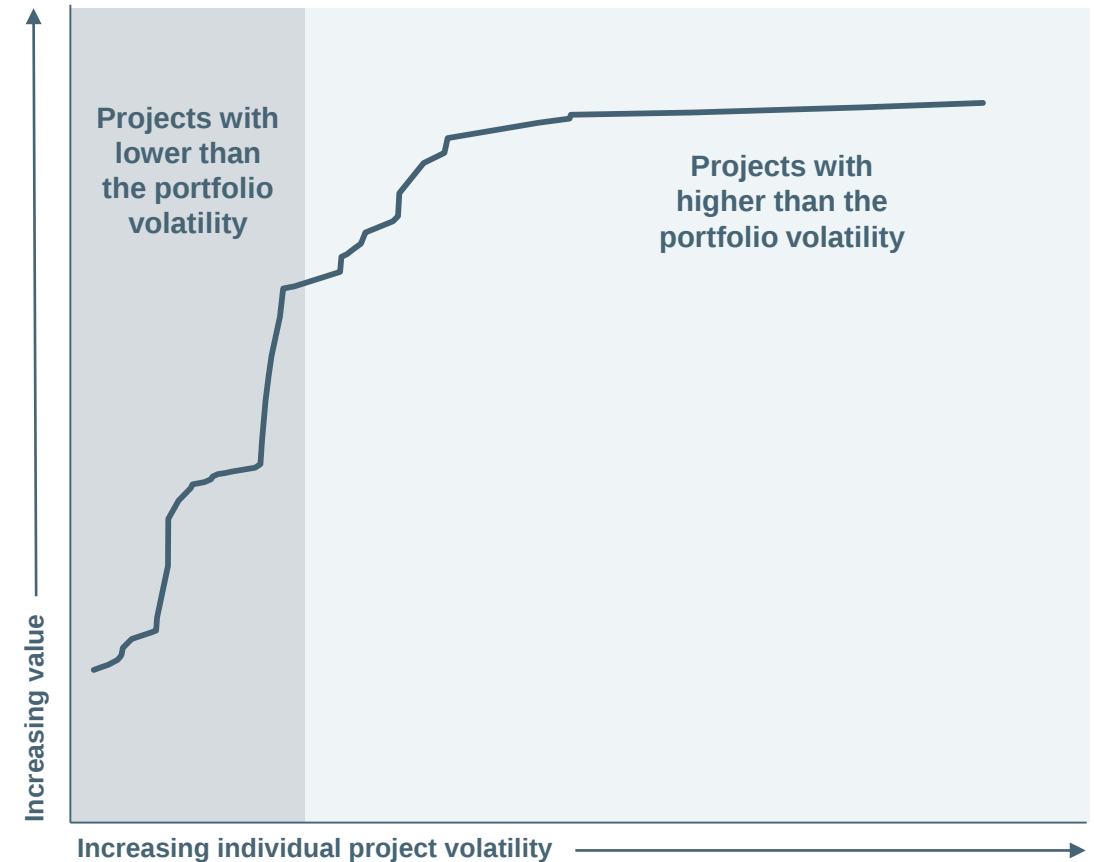
An optimised portfolio plan represents the most valuable risk-adjusted growth portfolio



The optimised portfolio plan considers:

Portfolio risk-return	Portfolio correlation
Long-term growth portfolio optimised on a risk-return basis	Portfolio correlation of each major growth project considered to help manage risk
Balance sheet	Timing
Stress testing of balance sheet under different pricing scenarios	Criticality and optionality around project execution

Options portfolio value
(US\$ billion)



Portfolio considerations

A strong portfolio gives us stability and flexibility through the cycle

Strategic fit

Opportunities are assessed against strategic framework

- Prioritise safety in all decisions
- Targeting the right commodity and assets
- Enabled by the right internal capabilities and capacities

Balance sheet impact

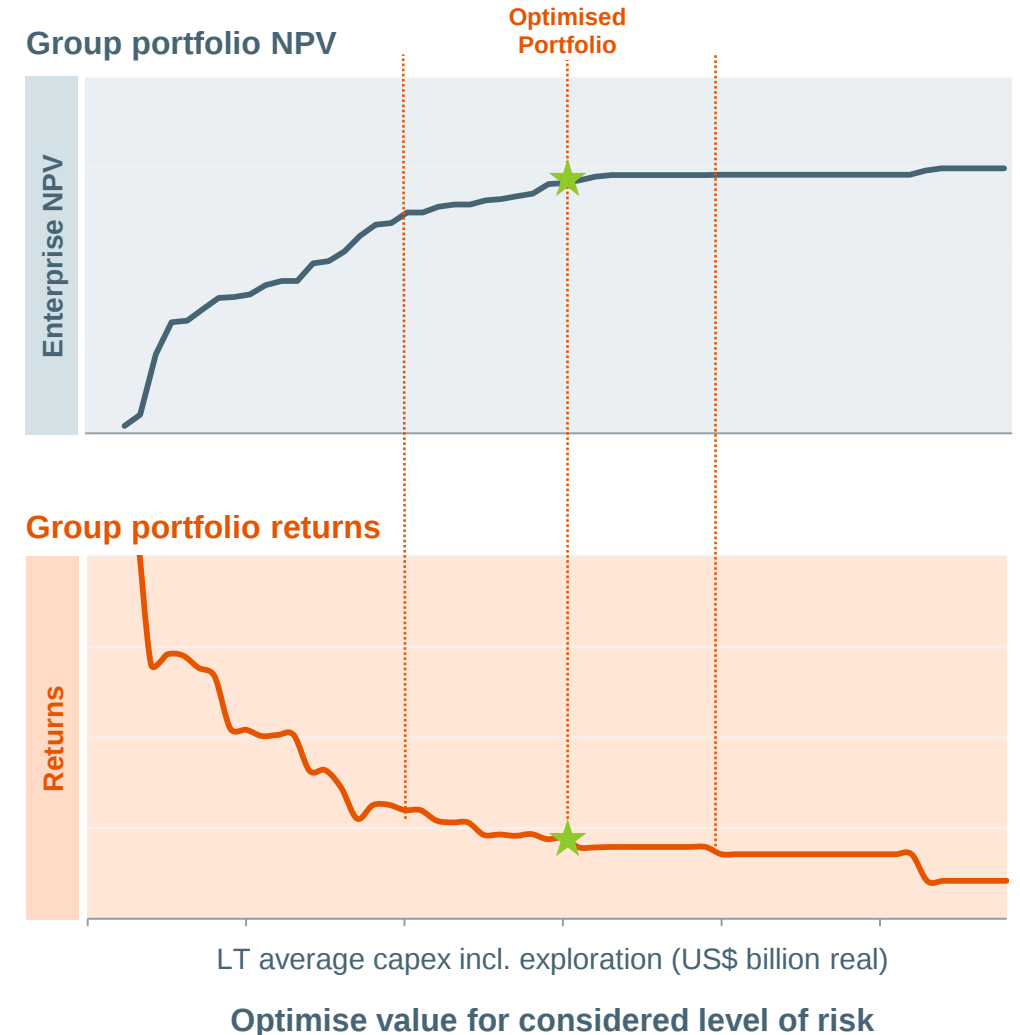
Optimised portfolio assessed for impact on balance sheet

- Stress testing the portfolio on multiple scenarios
- Consider size of projects and impact to capital structure
- Explore options for partnership-based risk sharing structures (e.g. Jansen)

Portfolio risk

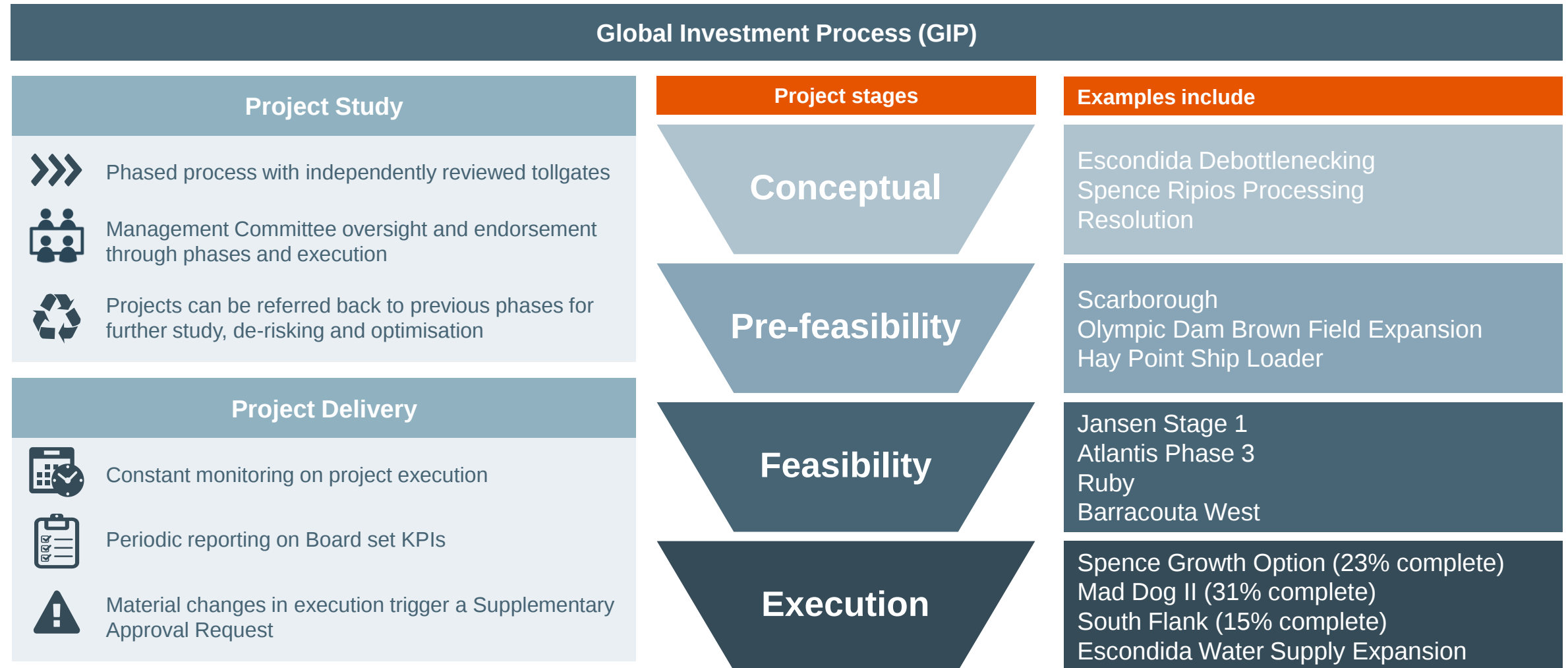
Assess options to better 'balance' portfolio exposures

- Avoid concentration towards one economic driver (e.g. steel demand or energy)
- Stable portfolio reduces volatility of cash flows and lowers funding costs
- Optionality to take advantage of opportunities throughout the commodity cycle



Value maximised through our Global Investment Process

Fundamental process underpinning all major decisions before commitment of project capital



Capital stewardship in Minerals Australia: Key messages

Embedding the culture, capability and processes to drive better capital decisions through to the front line

Capital stewardship

Greater respect for every dollar of capital across all levels of the organisation
Competition for capital and disciplined mindset now embedded throughout

Competition for capital

All project capital >US\$2 million goes through a robust prioritisation process
Capital discipline encourages innovation and more intense testing of the 'optimise without capital' case

Efficiency

Significant improvement in project capital efficiency
Faster, better studies; programs of work increase synergies and reduce effort; dedicated contracts team

Increased certainty

Improved project delivery in accordance with safety, time and cost targets
Enhanced project management across all projects throughout the portfolio

Capability

Deep project expertise drives value optimisation during study phase
Business case to justify capital applications are better defined, bringing more scrutiny into business benefits

Improving capital allocation

Significant improvement in major project performance (externally benchmarked); permeated into all projects in a fit for purpose way

Certainty

Integrated planning provides stability

Portfolio tracking enables early escalation

Project-specific commercial skills and discipline

Capital efficient

Enhanced study expertise drives earlier value optimisation

Greater performance benchmarking

Disciplined

Simplified operating requirements

Consistent standards applied to all projects >US\$10 million

Standard approach to safety in design to improve long-term outcomes

Integrated

Working as a single projects community

Projects Centre of Excellence to accelerate improvement

Disciplined approach to choose only the right projects

Front-line has to justify capital demand and understand trade-offs

Process

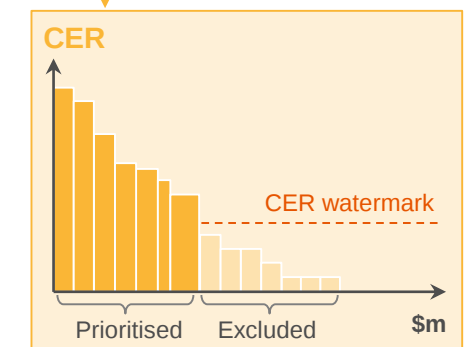
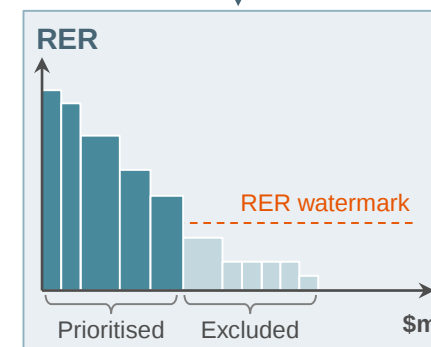
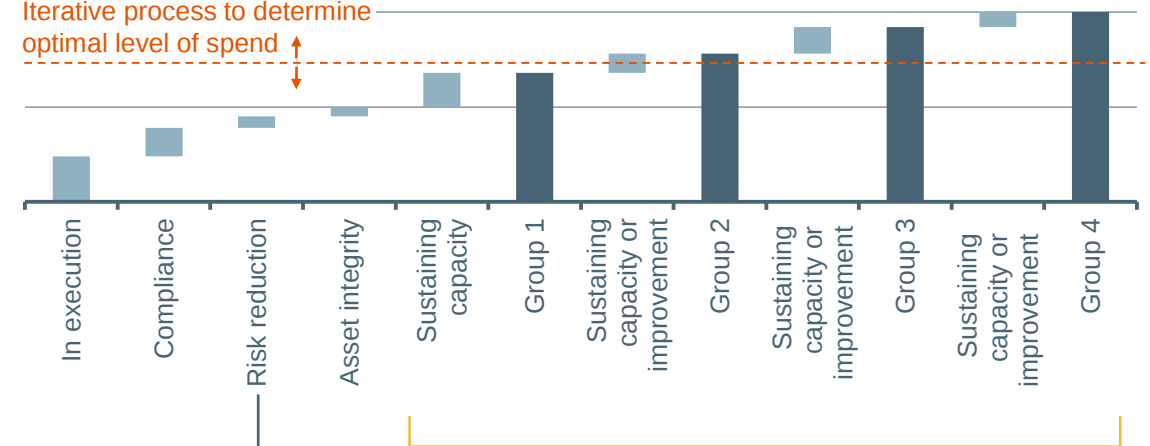
- All projects >US\$2 million must submit business case (fit for purpose) to be included in prioritisation process
 - grouped by type; prioritised for compliance, risk reduction and asset integrity
- Fed into iterative Group-wide prioritisation process to allow best allocation of limited resources (e.g. capital; capability)

Value

- All projects assessed against relevant standard metrics¹
- General Managers need to compete with each other for the best place to invest
- Increased maturity in asset integrity and sustaining capital requirements for the long term

Prioritisation of minor and sustaining capital (US\$)

Iterative process to determine optimal level of spend



1. Includes Capital Efficiency Ratio (CER); Internal Rate of Return (IRR); Net Present Value (NPV); Risk Efficiency Ratio (RER); Asset Integrity Assessment.

More value captured through high-quality studies

Study specialists work hand-in-hand with the operation to fully evaluate possibilities before scope is locked

How

- Invested in people with deep expertise in study leadership
- With an increased focus on brownfield projects, we bring a 'whole of business' mindset to what we do (not just 'the builder of stuff')
 - shift in focus from 'what needs to be built' to 'what needs to be solved'

Examples

- Identified that Olympic Dam clarifier could be replaced (rather than repaired, as originally proposed) for similar capital, but with less risk and while catering for BFX
- Proved that leaving a major substation was higher value than relocating to extract coal from underneath
- Competition between iron ore mines for incremental capital proved which has best metric; changed batting order to match

Clarifier at Olympic Dam



Substation at Peak Downs



Significant improvement in project efficiency

We are leveraging the scale of Minerals Australia Projects to drive efficiency and continuous improvement

Measuring our performance

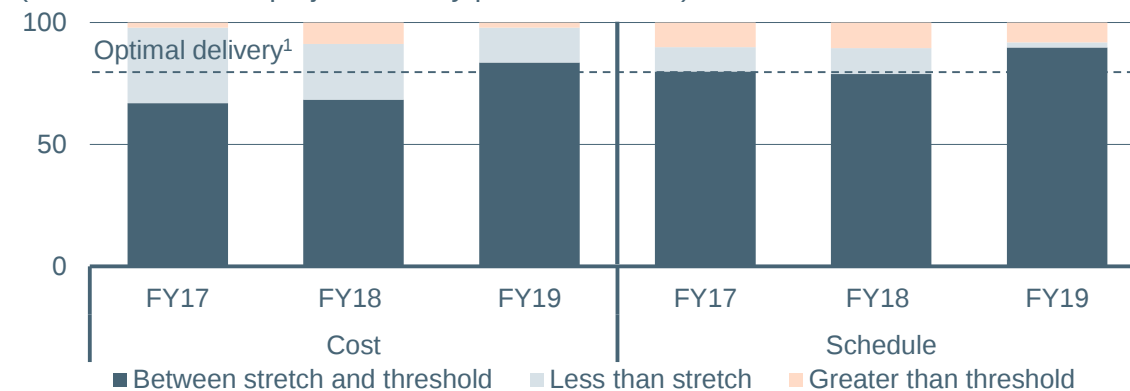
- We have benchmarked (internally and externally) extensively to understand project performance
- We sit at, or better than, industry averages including for study costs and durations, and construction productivity
- Underpins strong safety performance

Still more to get

- Opportunities exist through more scrutiny
 - every dollar of scope
 - engineering service provider performance
 - in-field productivity

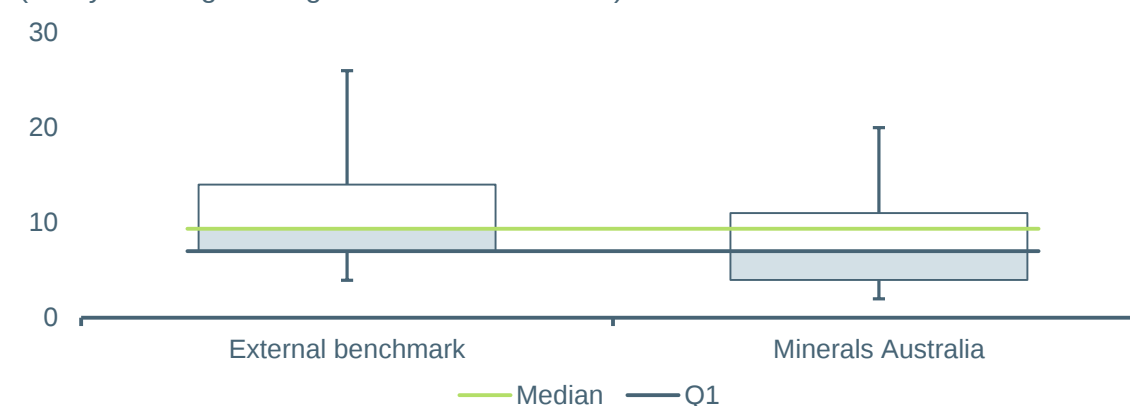
More projects delivered to plan drives efficiency and predictability

(Minerals Australia project delivery performance, %)



More efficient studies

(Study and engineering cost as % of total cost)



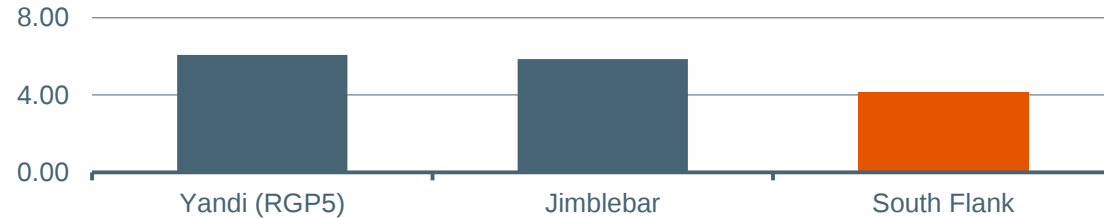
1. Stretch set at P10 and threshold set at P90. Therefore, 80% of projects should be delivered between stretch and threshold.

South Flank: Getting the most out of every dollar

Investment returns were compelling, but we actively analysed every element to improve efficiency

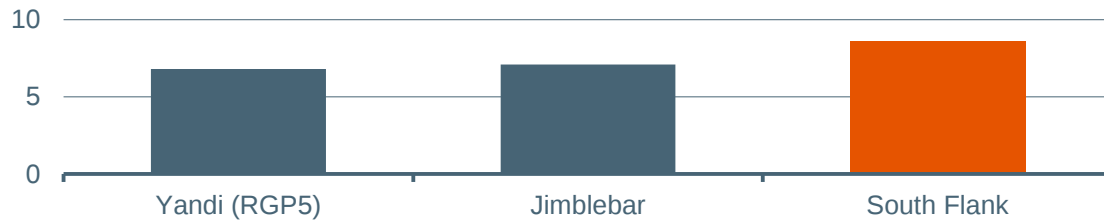
Learning from past projects to optimise OHP design

(A\$/tpa)



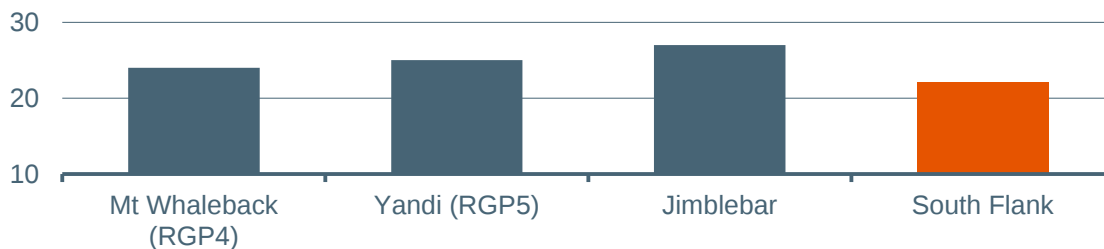
Design improvements means NPI supports larger fleet

(Heavy vehicles/bay)



Integrated teams reduce costs and drive better outcomes

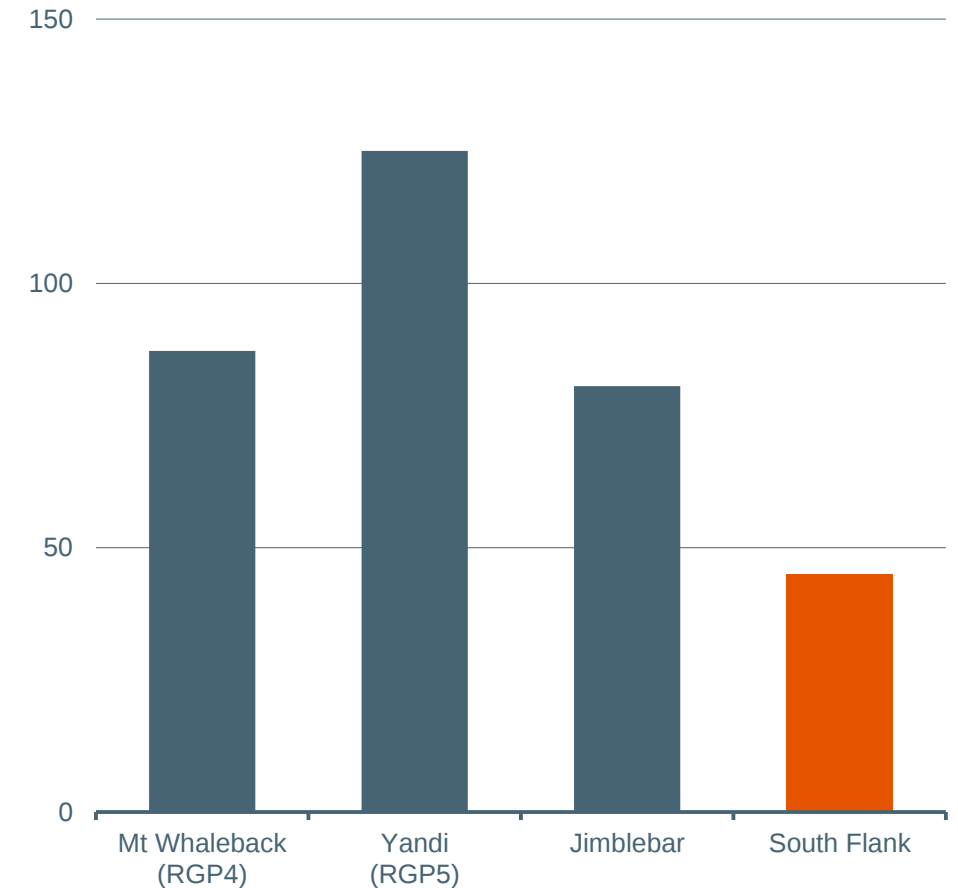
(Engineering and EPCM costs as % of plant and infrastructure costs)



1. Includes pre-commitment funding.

Delivering an improvement in capital efficiency

(Capital intensity¹, US\$/t)



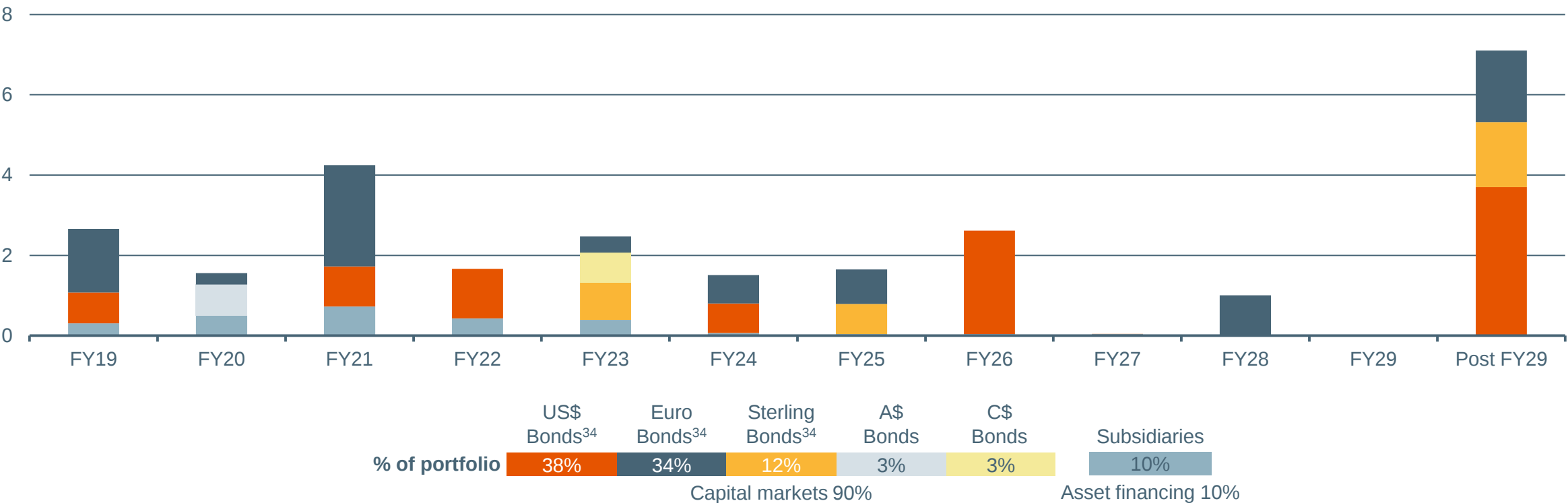
BHP

BHP

Appendix

Debt maturity profile

Debt balances¹
(US\$ billion)



1. As at 30 June 2018.
Capital allocation briefing
21 November 2018

Latent capacity – attractive returns, limited risk

Continuous replenishment of our suite of capital efficient, low risk, high return options supports the next wave of latent capacity

Options	IRR ¹ (%)	Risk ¹ (1-5)	Timing ¹	Capex (US\$m)	Description
WAIO Debottlenecking	>100	•	<2 years	<250	Supply chain debottlenecking initiatives at the port and rail, and releasing latent capacity at Jimblebar to increase production to 290 Mtpa
Barracouta West Petroleum	~20	Non Operated	<2 years	~200	Brownfield tieback opportunity to existing infrastructure in the Bass Strait.
Escondida EWS Expansion	>50	••	<2 years	~500	Expansion of desalination plant to reduce groundwater usage and maximise concentrator throughput
Escondida Debottlenecking	>100	••	various	>500	Concentrator debottlenecking, sulphide leach reprocessing of ripios, truck and shovel fleet upgrades
Spence Ripios processing	~60	••	2-5 years	250-500	Reprocessing of ripios dumped since the beginning of the Spence operations
Queensland Coal Latent capacity	>100	•	>5 years	>500	Investing in stripping capacity and pipeline of productivity initiatives to shift the bottleneck towards the coal handling plants
Spence Debottlenecking	>15	•••	>5 years	>500	Processing lower grade hypogene material with increased recoveries, concentrator debottlenecking, in-pit semi mobile ore conveying
Aggregate	>100			~US\$4 bn	Up to ~2 Mt of incremental Cu eq. capacity with ~US\$16 bn unrisks NPV

1. Projects as presented in May 2018 at the Bank of America Merrill Lynch Global Metals, Mining & Steel Conference; IRR: Returns at 2018 consensus price forecasts; ungeared, post tax, nominal return; Risk profile is based on a BHP assessment of each project against defined quantified and non-quantified risk metrics rated out of 5; 5 represents more risk; Timing: Represents potential first production

Future options – worked for value, timed for returns

Investment decisions made in accordance with our capital allocation framework and fully consider the broader market impact

Options	Description	Potential execution timing	Capex (US\$m)	GIP tollgate ¹	IRR ¹	Risk ¹ (1-5)	Investment considerations
Atlantis Phase 3 Petroleum	Tie back to existing Atlantis facility unlocked through Advanced Seismic Imaging	<1 year	>500	Feasibility	~25	Non Operated	- Resilient to price - Low risk, robust economics - Non-operated JV
Ruby Petroleum	Tie back into existing processing facilities in Trinidad & Tobago	<1 year	>150	Feasibility	>25	••	- Similar scope to existing tie backs - Utilisation of existing facility capacity - Early life sensitivity to oil price
Olympic Dam BFX Copper	Accelerated development into the Southern Mine Area, debottlenecking of existing surface infrastructure to increase production	<5 years	>2,000	Pre-feasibility	~20	••	- Resilient to price - Improved Cu grades in the Southern Mine Area - Continued resource definition - Power network instability
Scarborough Petroleum	Tie back development to existing LNG facility	<5 years	<2,000	Pre-Feasibility	>15	Non Operated	- Tier 1 resource - Ability to process through North West Shelf - Oversupply of LNG driving low price market environment - Remote field location, deep water, severe metocean conditions
Wards Well Metallurgical Coal	Long-life, premium hard coking coal resource, greenfield underground long-wall mine	>5 years	>1,000	Opportunity assessment	~15	••••	- Tier 1 resource - Proximity to existing operating assets - Geological definition required to de-risk - Risk of impact on market supply - Supply chain logistic complexities
Resolution Copper	Underground block cave with attractive grade profile and competitive cost curve position	>5 years	<3,000	Conceptual	>15	Non Operated	- High copper grades - Resilient to price - Non-operated JV - Technical risk due to caving at the resource depth and tailings options. - Permitting requirements
Jansen Stage 1² Potash	Tier 1 resource with valuable expansion optionality	<5 years	~5,000	Feasibility	~13	•••	- Tier 1 resource, stable jurisdiction - Operating costs of ~US\$100/t (FOB Vancouver) - Unrivalled position of land - Risk of market oversupply - New commodity entry - Sensitive to price - High capital cost and long payback
Jansen Stage 2-4 Potash	Sequenced brownfield expansions of up to 12 Mtpa (4 Mtpa per stage)	>15 years	~4,000 per stage	Opportunity assessment	~16	••	- Long term growth optionality and value generation - Risk of market oversupply - Complexities from project size - Significant capital requirement - Further de-risking required
Aggregate					~17	Aggregate unrisks value of ~US\$15 bn spanning commodities and time periods	

1. Projects as presented in May 2018 at the Bank of America Merrill Lynch Global Metals, Mining & Steel Conference; Global Investment Process (GIP) tollgate; IRR: Returns at 2018 analyst consensus price forecasts; ungeared, post-tax, nominal rates; Risk profile is based on a BHP assessment of each project against defined quantified and non-quantified risk metrics rated out of 5; 5 represents more risk.

2. Jansen Stage 1: IRR is ~14% excluding the remaining investment for completion of the shafts and installation of essential service infrastructure and utilities.

Capital allocation briefing

21 November 2018

Exploration – extending our conventional reserve life

Investment decisions made in accordance with our Capital Allocation Framework and fully consider the broader market impact

Options	Location	Ownership	Maturity	Earliest first production	Description	Planned future activity
Wildling Petroleum	USA - Gulf of Mexico	80+% Operator	Appraisal	Mid 2020s	Large oil resource across multiple horizons near operated infrastructure in US Gulf of Mexico	Complete additional appraisal to optimize development
Western GOM Petroleum	USA - Gulf of Mexico	100% Operator	Frontier	Early 2030s	Acquired a significant acreage position in Western Gulf of Mexico	Commenced acquisition of Ocean Bottom Node seismic survey in August 2018
Trion Petroleum	Mexico - Gulf of Mexico	60% Operator	Appraisal	Mid 2020s	Large oil discovery in the Mexican deepwater Gulf of Mexico.	Commenced drilling first operated appraisal well in November 2018
Magellan Southern Gas Petroleum	Trinidad and Tobago	65% Operator	Exploration	Mid 2020s	Potential material gas play in Deepwater Trinidad, well positioned to the Atlantic LNG plant onshore T&T	Rig completed 2 well exploration program in October 2018
Northern Gas Petroleum	Trinidad and Tobago	70% Operator	Exploration	Mid 2020s	Potential material gas play in Deepwater Trinidad, well positioned to the Atlantic LNG plant onshore T&T	Additional exploration to test other prospects following the recent Bongos-2 success
Northern Oil Petroleum	Trinidad and Tobago	70% Operator	Frontier	Late 2020s	Potential oil play in deepwater Trinidad	Further geotechnical analysis
Exmouth sub-basin Petroleum	Australia	35-75%	Exploration	Mid 2020s	Proved hydrocarbon system with producing oil and gas discoveries	3D seismic data has been received and is being analysed
Orphan Basin Petroleum	Canada	100% Operator	Frontier	Early 2030s	Recent bid success for blocks with large oil resource potential in the offshore Orphan Basin in Eastern Canada.	Exploration work programs of US\$140 million up to FY2021
Samurai Petroleum	USA - Gulf of Mexico	50%	Appraisal	Early 2020s	Oil discovery in the Wildling mini basin	Appraised field in 2018 with Samurai-2 and Samurai-2 sidetrack. Evaluating further appraisal and development plans
Multi-billion barrel equivalent risked potential; unrisked NPV of up to US\$15 billion*						

Note: Petroleum exploration NPV: Unrisked values at BHP long-term price forecasts as presented in May 2018 at the Bank of America Merrill Lynch Global Metals, Mining & Steel Conference.

BHP