

Developing the Multi-Generational Mardie Salt & Potash Project

Corporate Presentation

Alwyn Vorster
Managing Director

Important Notices



Not an Offer of Securities

This document has been prepared by BCI Minerals Limited ABN 21 120 646 924 ("BCI") and is provided for information purposes only. This document does not constitute or contain an offer, invitation solicitation or recommendation with respect to the purchase or sale of any security in BCI. This document is not a prospectus, product disclosure statement or other offering document under Australian law or any other law, and will not be lodged with the Australian Securities and Investments Commission, and may not be relied upon by any person in connection with an offer or sale of BCI securities.

Not financial product advice

This document is not financial product advice and does not take into account the investment objectives, , taxation situation, financial situation or needs of individuals. Before making an investment decision investors should consider the appropriateness of the information, and any action taken on the basis of the information, having regard to their own objectives, financial situation and needs, and seek legal, taxation and financial advice appropriate to their jurisdiction and circumstances.

Summary Information Only; Material Assumptions Continue to Apply

This document contains a summary of information about BCI and the Mardie Project's feasibility study that is current as at the date of this document unless otherwise stated, the information in this document is general in nature and does not contain all the information which a prospective investor may require in evaluating a possible investment in BCI or that would be required in a prospectus or a product disclosure statement prepared in accordance with the *Corporations Act 2001* (Cth) ("Corporations Act") or the securities laws of any other jurisdiction. It should be read solely in conjunction with the information provided to ASX. For further information regarding BCI's feasibility study and subsequent optimisation results, recipients should refer to BCI's ASX announcement titled "Feasibility Study Confirms World Class Opportunity" dated 1 July 2020 and "Mardie Optimisation Results: Increased Production and Improved Economics" dated 21 April 2021. BCI confirms that all material assumptions and technical parameters that underpin the production targets and forecast financial information in those announcements continue to apply (as applicable) and have not materially changed unless otherwise disclosed in this Presentation.

No Liability

The information contained in this document has been prepared in good faith by BCI. However no guarantee, representation or warranty expressed or implied is or will be made by any person (including BCI and its affiliates and their directors, officers, employees, associates, advisers and agents) as to the accuracy, reliability, correctness, completeness or adequacy of any statements, estimates, options, conclusions or other information contained in this document. To the maximum extent permitted by law, BCI and its affiliates and their directors, officers employees, associates, advisers and agents each expressly disclaims any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of or reliance on information contained in this document including representations or warranties or in relation to the accuracy or completeness of the information, statements, opinions, forecasts, reports or other matters, express or implied, contained in, arising out of or derived from, or for omissions from, this document including, without limitation, any financial information, any estimates or projections and any other financial information derived therefrom. Statements in this document are made only as of the date of this document unless otherwise stated and the information in this document remains subject to change without notice. No responsibility or liability is assumed by BCI or any of its affiliates for updating any information in this document or to inform any recipient of any new or more accurate information or any errors or omissions of which BCI and any of its affiliates or advisers may become aware, except as required by the *Corporations Act*.

Forward-Looking Statements

This document contains forward-looking statements. These forward-looking statements are based on BCI's current expectations and beliefs concerning future events at the date of this document, and are expressed in good faith for general guide only and should not be relied upon as an indication or guarantee of future performance. BCI believes it has reasonable grounds for making the forward-looking statements. However, forward-looking statements relate to future events and expectations and as such are subject to known and unknown risks, and significant uncertainties and other factors, many of which are outside the control of BCI. Actual results may differ materially from future results expressed or implied by such forward-looking statements. None of BCI, its affiliates or their directors, officers, employees, associates, advisers, agents or contractors makes any representation or warranty (either expressed or implied) as to the accuracy or likelihood of fulfilment of any future looking statement, or any events or results expressed or implied in any forward looking statement, except to the extent required by law. You are cautioned not to place undue reliance on any forward looking statement. The forward looking statements in this document reflect views held only as at the date of this document. Other than as required by law, including the ASX Listing Rules, BCI does not undertake or assume any obligation to update or revise any forward-looking statement contained in this document.

JORC Code – Mardie Salt and SOP Project

The Mardie Project aims to produce salt and SOP from a seawater resource, which is abundant, inexhaustible, readily accessible and has a known and consistent chemical composition. The Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2012 Edition ("JORC Code") does not apply to a project of this nature and, accordingly, JORC Ore Reserves and Mineral Resources are not reported.

JORC Code – Iron Valley

Reference should be made to BCI announcement dated 12 October 2021 "Iron Valley Mineral Resources and Ore Reserves". BCI confirms it is not aware of any new information or data that materially affects the information included and all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

Risks

An investment in BCI is subject to investment and other known and unknown risks, some of which are beyond the control of BCI.

Acceptance

By attending an investor presentation or briefing, or accepting, accessing or viewing this document you acknowledge and agree to the "Important Notices" as set out above.

BCI Overview

MARDIE SALT & POTASH PROJECT



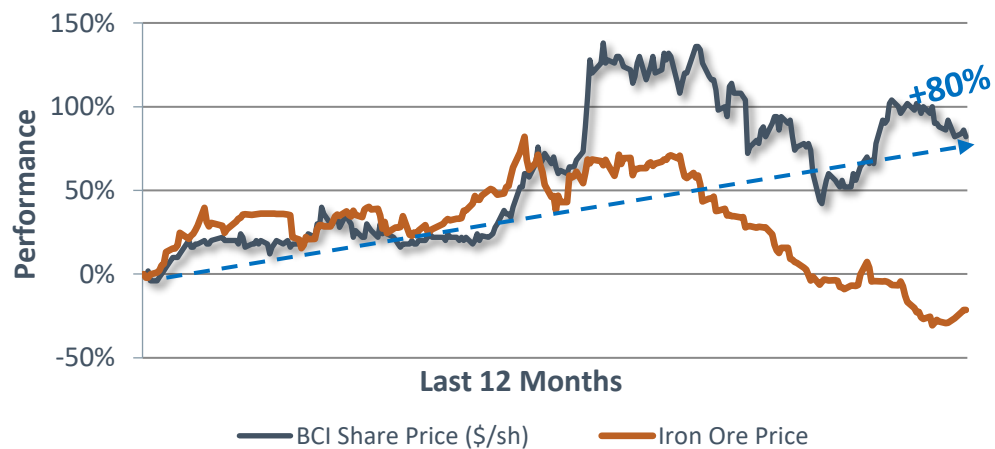
 **BCI**
MINERALS

~\$270M market cap¹
~\$106M cash and zero debt²

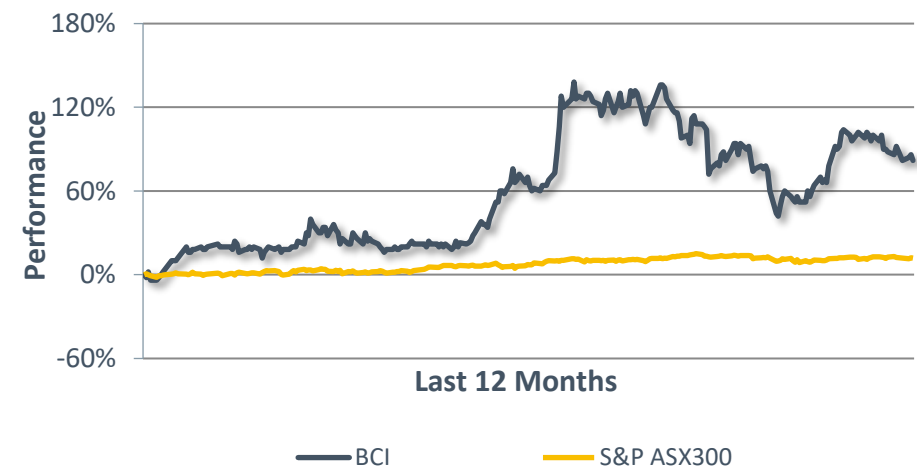


IRON VALLEY ROYALTIES

BCI SHARE PRICE vs IRON ORE PRICE



BCI SHARE PRICE vs ASX 300



¹Based on 599.96M shares (pre-raise) at \$0.455 per share closing price as at 24 November 2021 ²Cash balance at 16 November 2021

BCI Results in Numbers

FY21 GROUP FINANCIALS



\$160.5M
REVENUE

108% ↑ on FY20



\$28.9M
EBITDA

248% ↑ on FY20



\$22.0M
NPAT

5,400% ↑ on FY20

FY21 IRON VALLEY



\$69.5M
EBITDA

202% ↑ on FY20

1Q FY22 IRON VALLEY



\$17.1M
EBITDA

140% ↑ on 1Q FY21

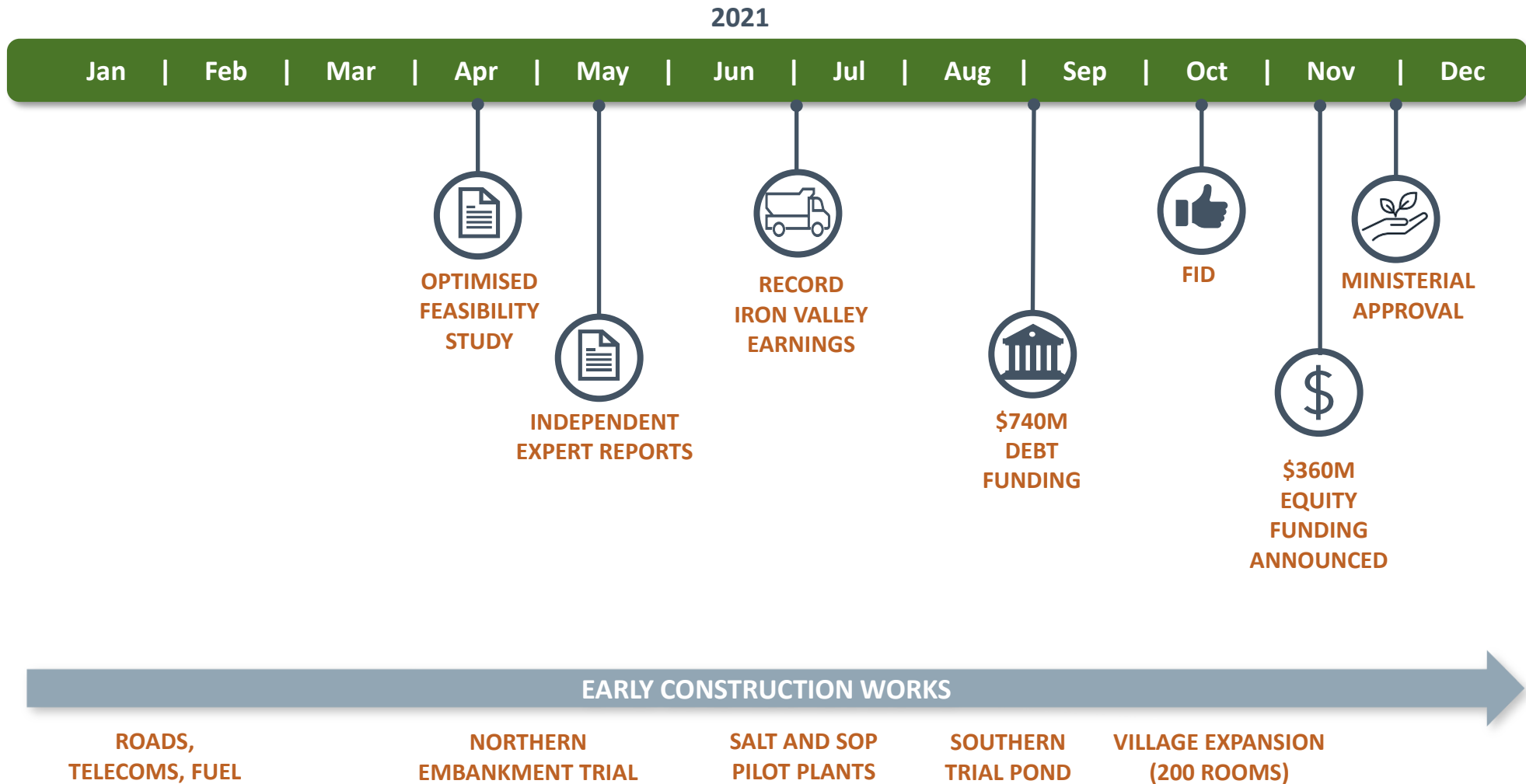
HEALTH & SAFETY



>6 Years
without Lost Time
Injury (LTI)

A Year of Milestones

Mardie FID after significant project de-risking over several years





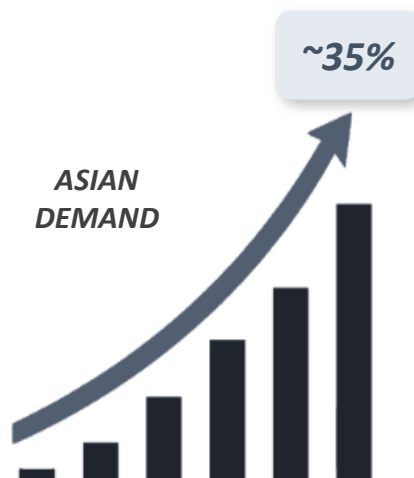
Salt and Potash Markets

Why Salt and SOP?

Strong growth in Mardie's target markets

SALT

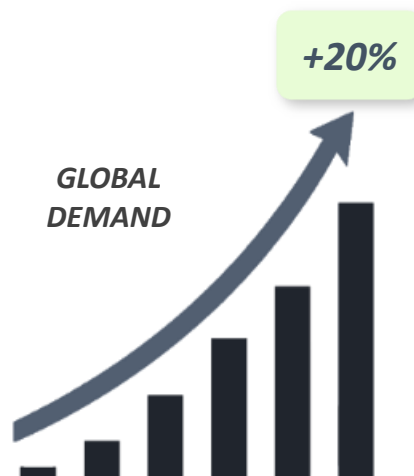
- >10,000 products derived from salt (PVC, alumina, glass, paper, water purification)
- Asian market size of 160Mtpa salt (annual value of US\$6.5B)



>50Mt additional annual demand over next decade¹ – (growing population, requiring more industrial and consumer products)

SOP²

- Premium fertiliser used on high value crops
- Global market size of ~7Mtpa (annual value of US\$3.5B)



~1Mt additional annual demand over next decade³ – (growing population, changing dietary habits and declining arable land)

¹ Asian forecast demand as reported by Roskill (July 2021); Forecast contestable Asian market demand growth of 29Mtpa by 2030

² Sulphate of Potash fertiliser (K_2SO_4 or Potassium Sulphate) ³Global demand as reported by Argus Consulting (July 2021)

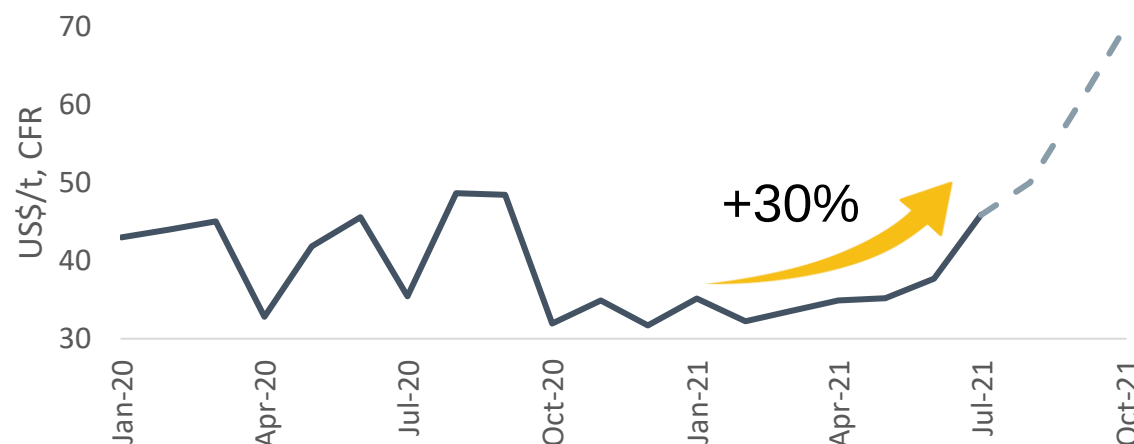
Salt and SOP Price Strength

Salt and SOP Prices driven by strong demand and limited new supply

SALT

- 15-year pricing from ~US\$35/t to ~US\$75/t delivered¹ in Asia
- Delivered salt price in China has increased by ~30% in the first half of 2021¹
- Mardie forecast (60-year average, \$ real): ~US\$50/t CFR^{3,5}

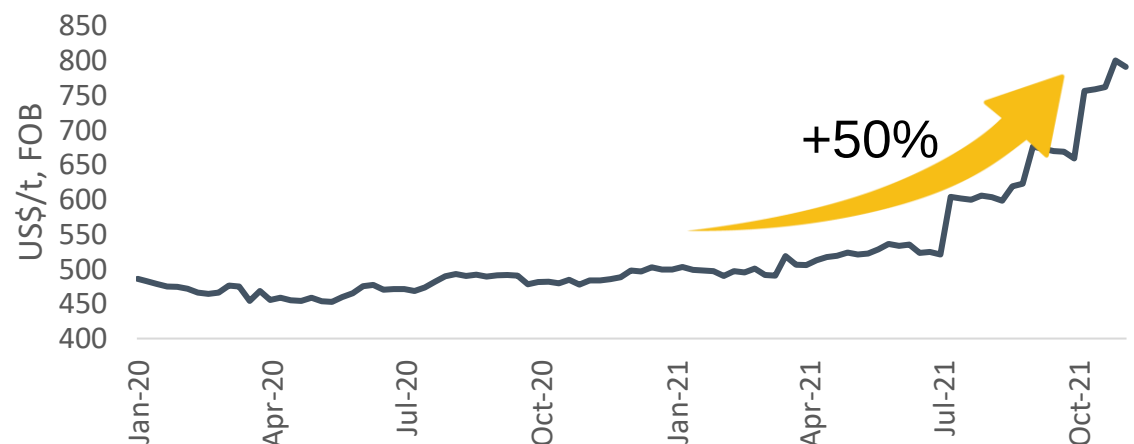
Australian Imported Salt into China^{1,2}



SOP

- 10-year pricing from ~US\$450/t to ~US\$800/t NW Europe (FOB)
- SOP (granular) price landed in Australia currently >US\$800/t CFR⁵
- Mardie forecast (60-year average, \$ real): US\$573/t FOB³ (at least 20% lower than current price for standard granular)

SOP Price⁴





Mardie Salt & Potash Project

Australian Salt & SOP Landscape

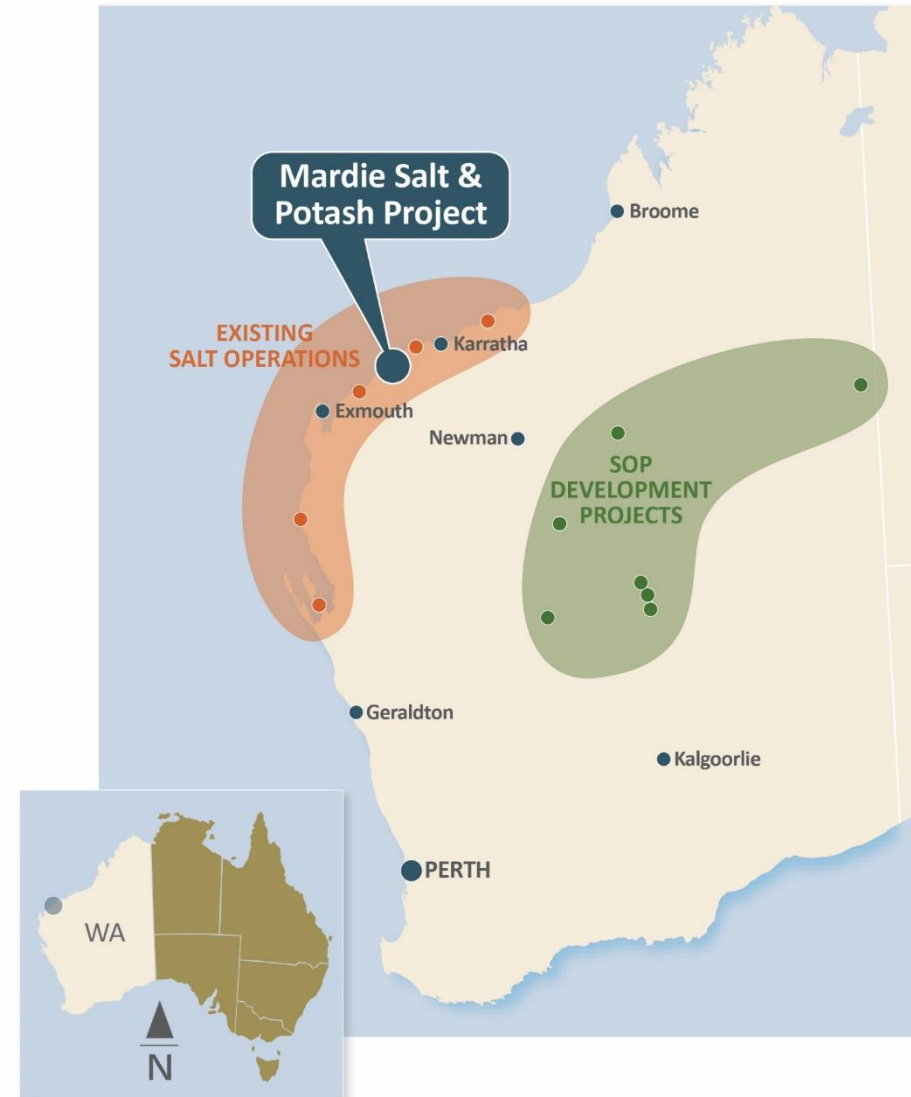
Mardie: ideal location to produce high-purity salt and SOP

- Pilbara has ideal climate to produce high purity salt
 - High temperature, high wind, low rainfall, low humidity
 - Proven salt production region since the 1960's
- Five large WA **Solar Salt Operations** (11-13Mtpa¹)
 - Controlled by Rio Tinto and Mitsui
 - No new large Australian salt project in 20 years

SOP production in Australia in its infancy²:

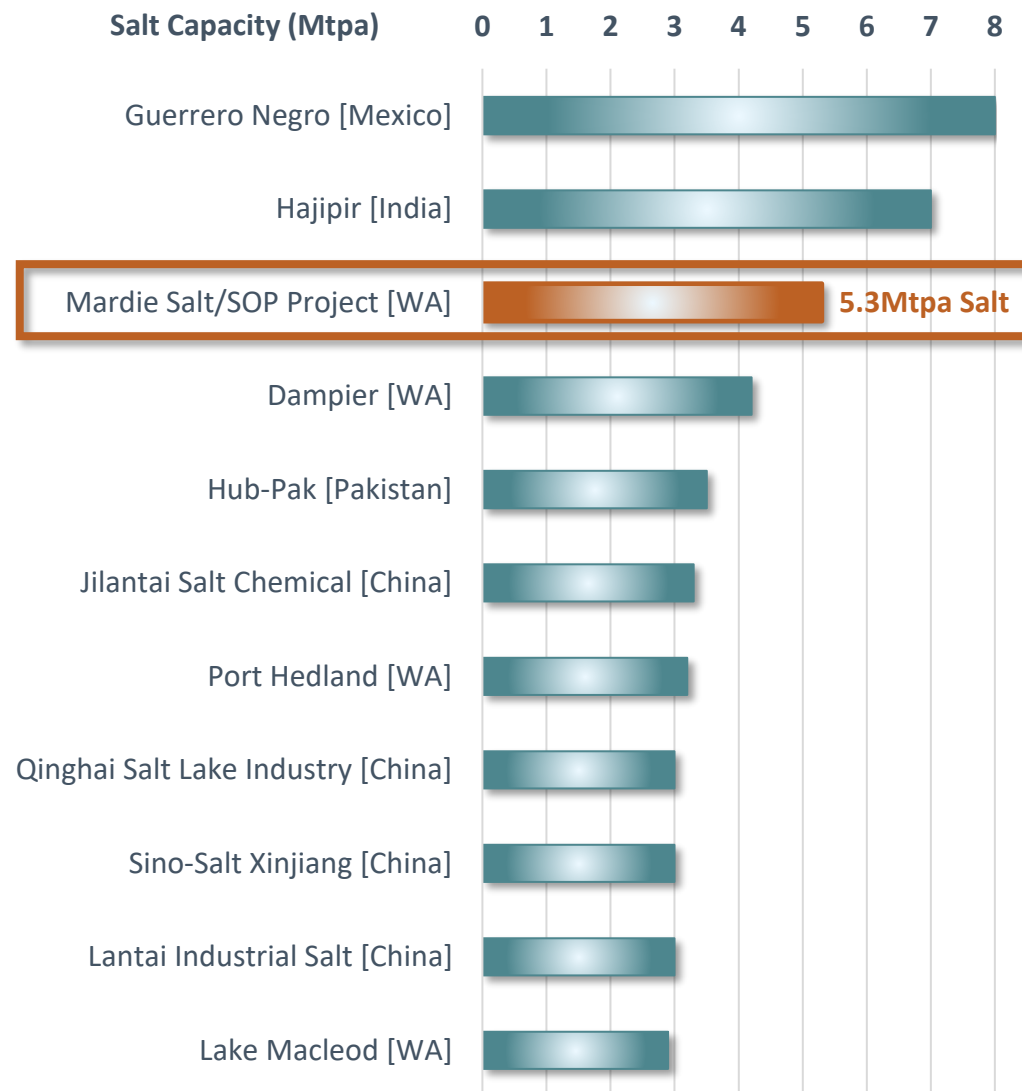
- Other projects all based on inland lake brines and >700km by road transport to third party ports
- **Mardie Salt and SOP Project:**
 - Only Australian project with commercial salt and SOP from seawater

Western Australia – Salt and SOP Projects

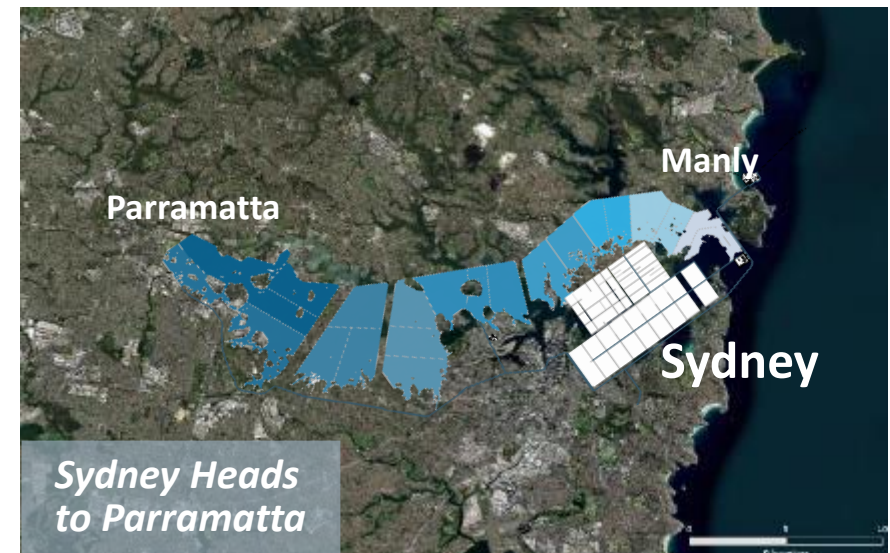


Mardie Scale will be Globally Significant

Top 3 scale global solar salt project¹

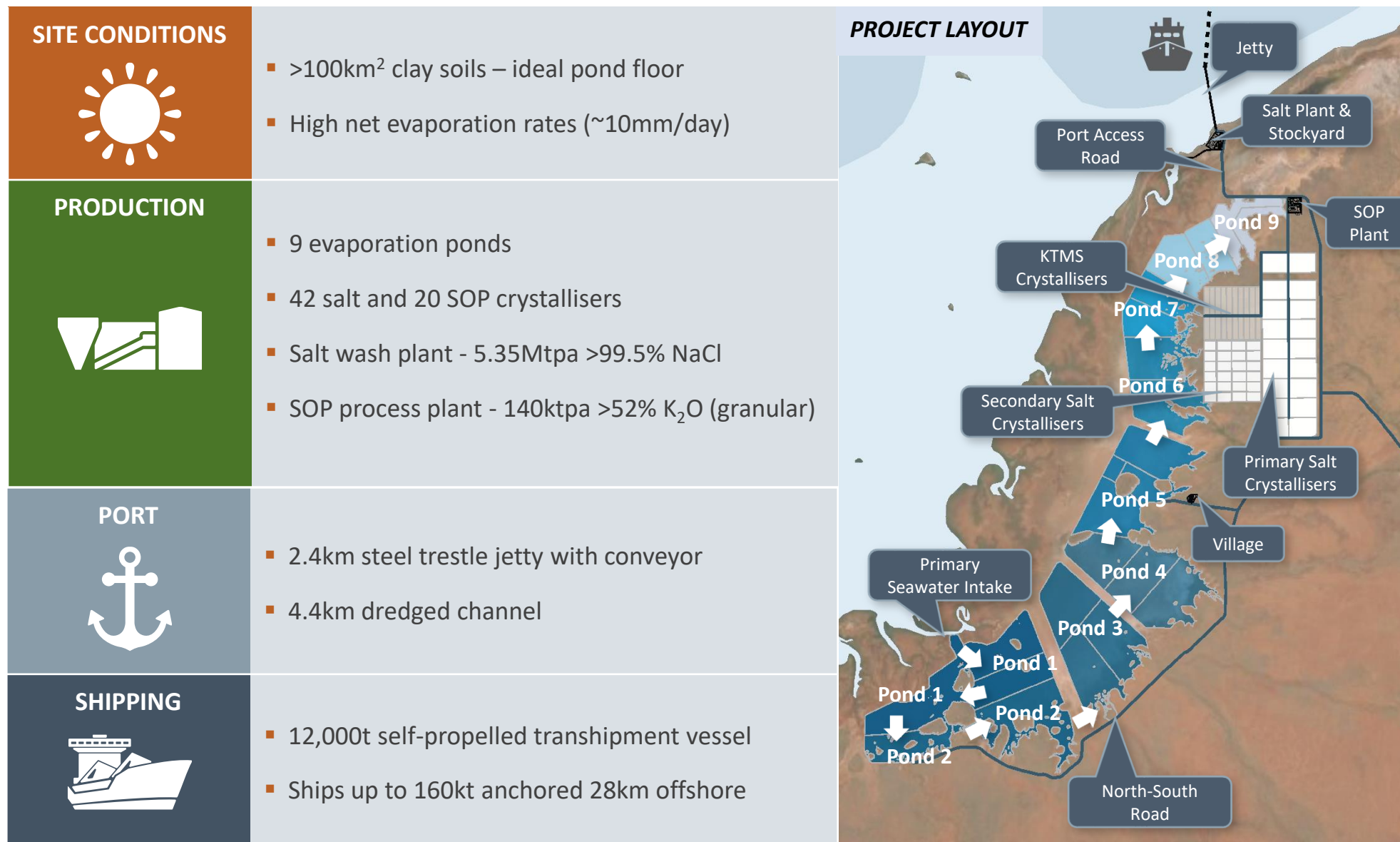


PROJECT FOOTPRINT VS SYDNEY/PERTH



Mardie Project Design

Largest salt project in Australia – fully integrated with port



Early Construction Progress

>\$60M of enabling construction works last 12-months to derisk Project



NORTHERN EMBANKMENT TRIAL



ACCOMMODATION VILLAGE



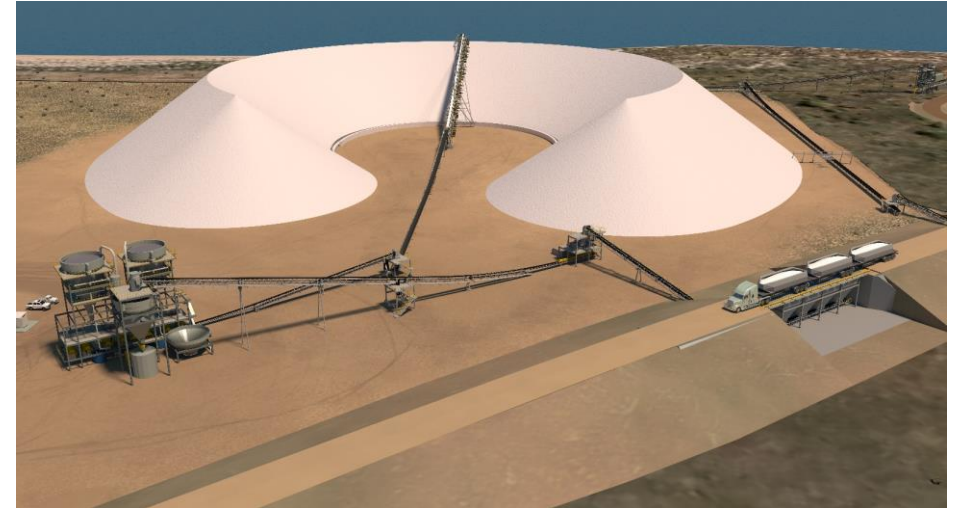
SALT PILOT PLANT

>\$350M Contracts Tendered

>60% of capital cost to be delivered via fixed price contracting model¹



1. MAIN SEAWATER PUMP STATION



2. SALT WASH PLANT



3. SOP PROCESS PLANT

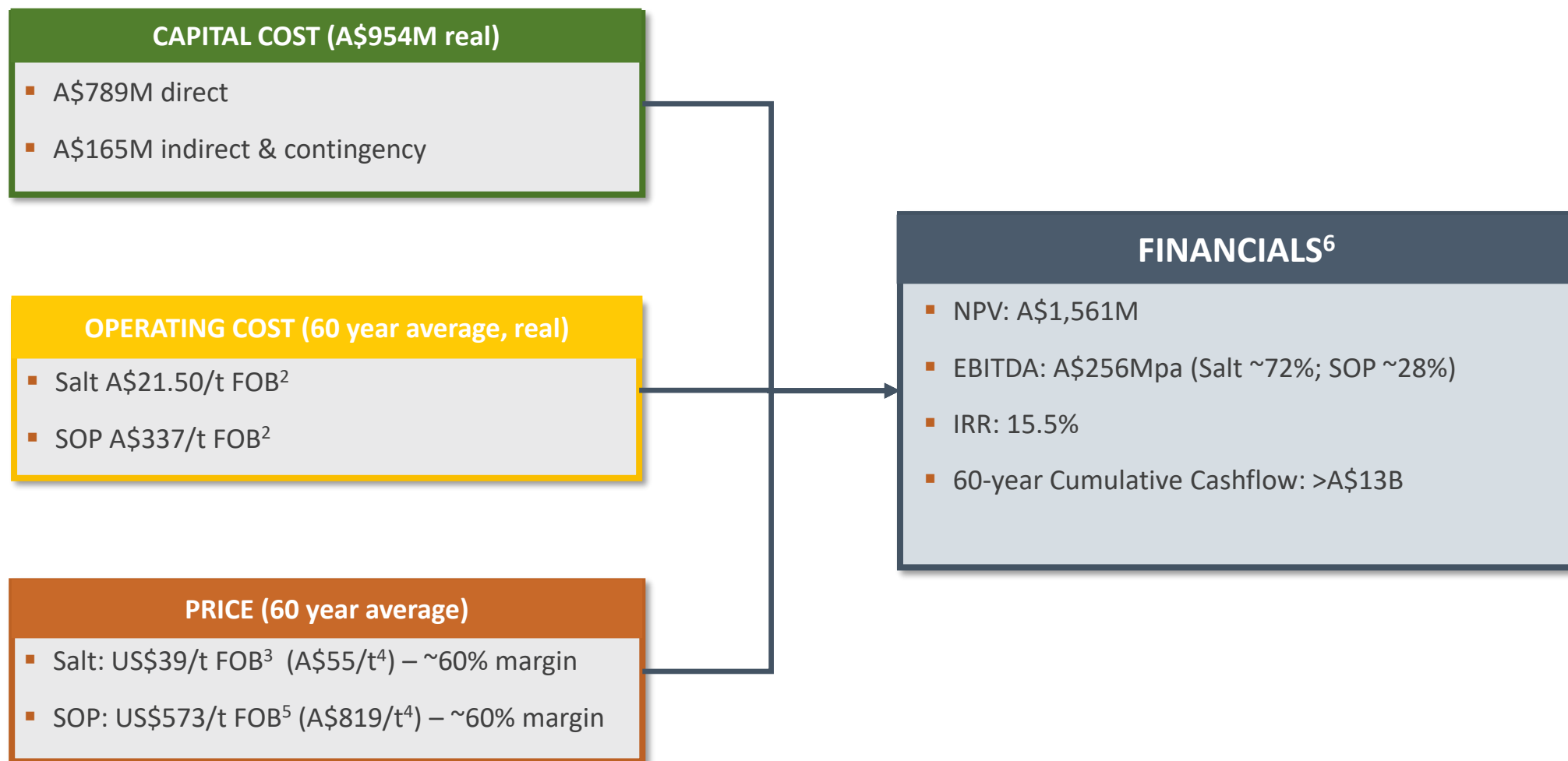


4. PORT / TRANSHIPPER

¹Planned lump sum packages include those awarded under Engineering, Procurement and Construction (EPC), Design and Construct (D&C) contracts, which are subject to assumptions which may vary. Some packages have not completed a tender process, which may vary contractual features.

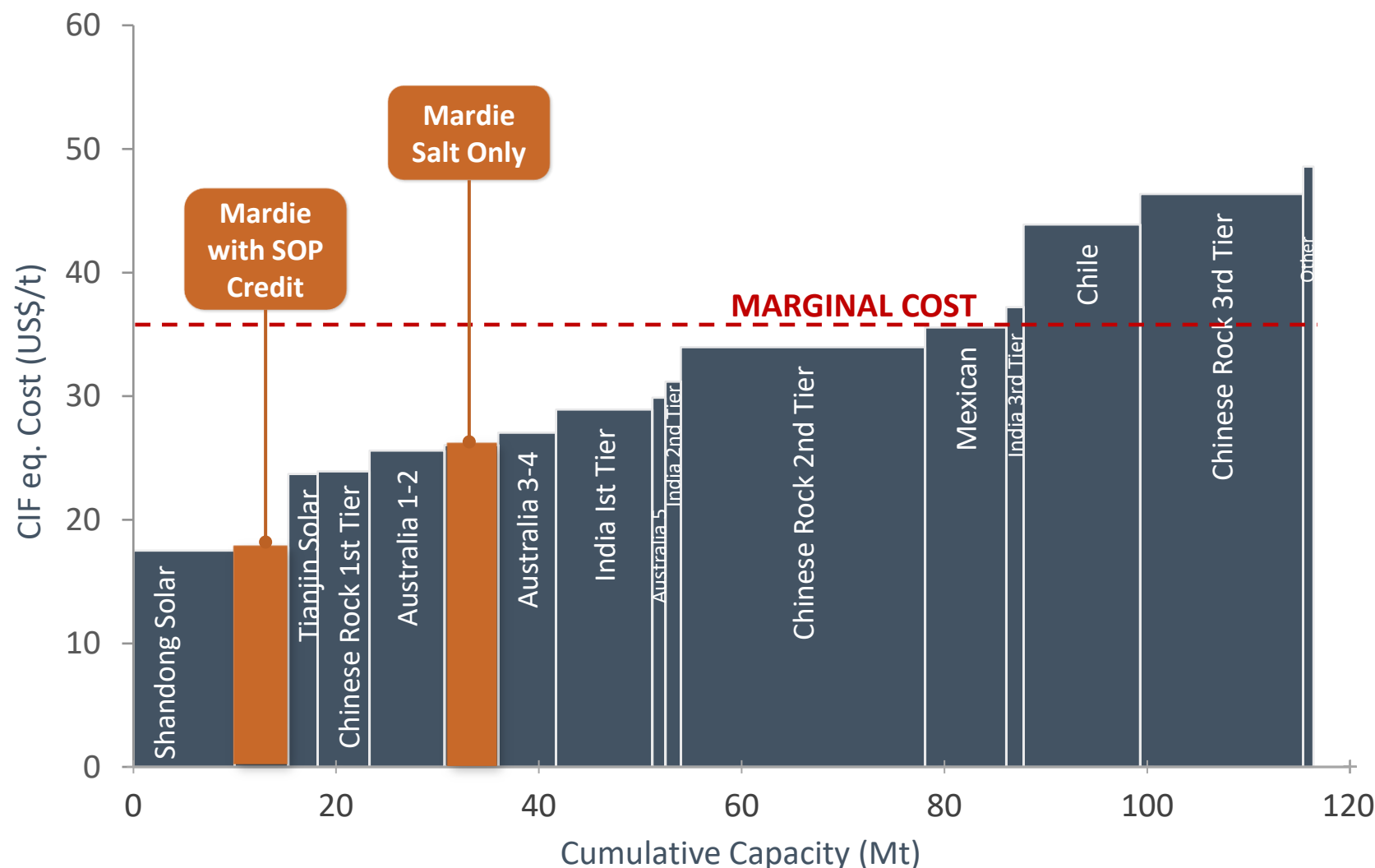
Strong Financial Metrics

Annuity-style cash flow >60 years¹ with material upside



Salt Cost Curve – Contestable Market

Mardie will be a low-cost supplier of salt into contestable¹ Asian market

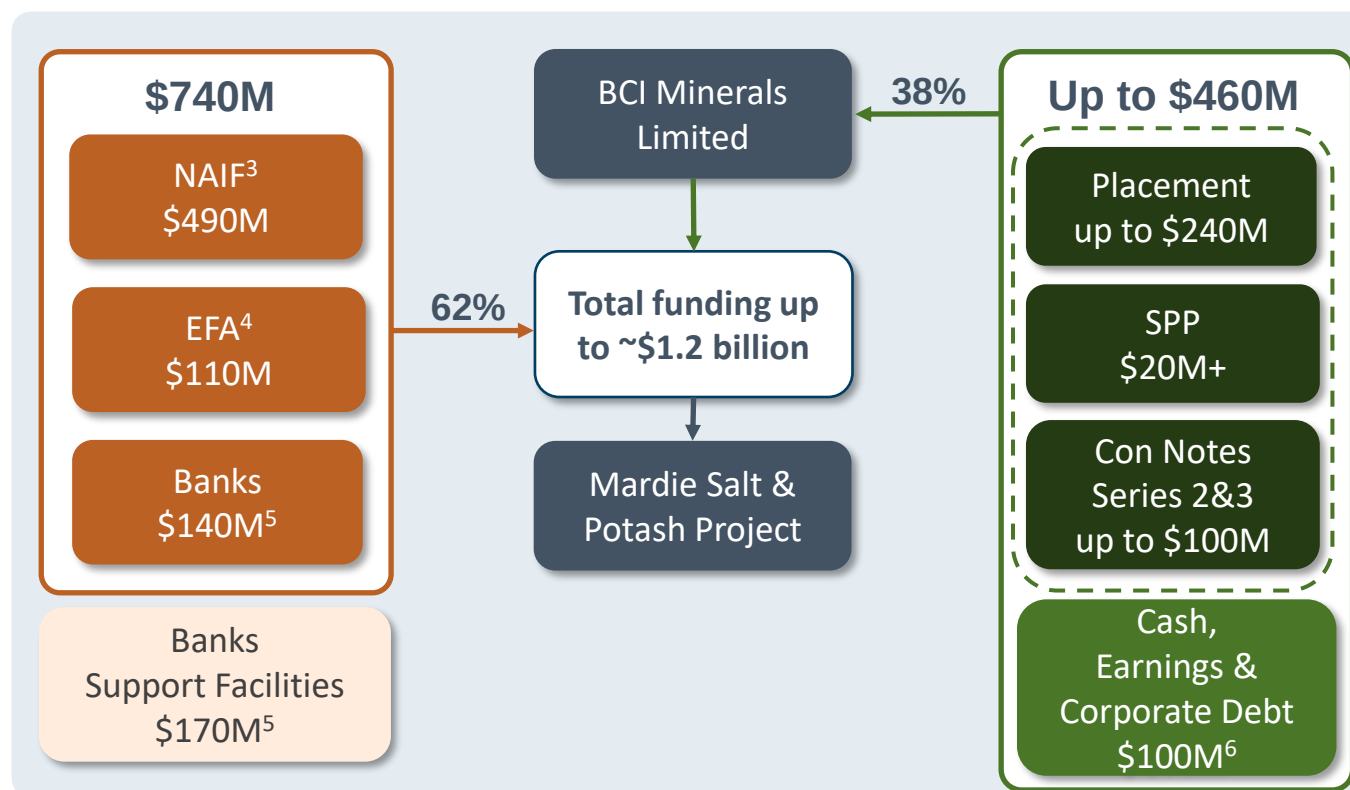


- Mexican solar salt and Chinese rock salt the marginal cost suppliers to most Asian markets (~US\$35/t)
- Mardie will be cost competitive with all Australian salt operations²
- When SOP margin treated as a by-product credit, Mardie becomes one of the lowest cost salt producers

Funding for Development and Ramp-up

Up to \$360M of new equity and Convertible Notes to be issued¹

- Forms part of BCI's \$460M total equity contribution to the Mardie Project, subject to shareholder approvals
- Additional to the recently secured \$740M of Mardie Project debt²



Positive Stakeholder & Approval Progress

Native title agreements in place; Approvals and tenure advanced

GOVERNMENT



- NAIF loan of \$490M approved¹ – largest in WA
- EFA loan of \$110M approved¹
- Efficient WA Government facilitation across agencies

ENVIRONMENT



- Ministerial Statement approving project implementation (DFS² footprint)
- Secondary approvals expected within statutory period
- Approvals for optimisation and expansion footprint during 2022

NATIVE TITLE & HERITAGE

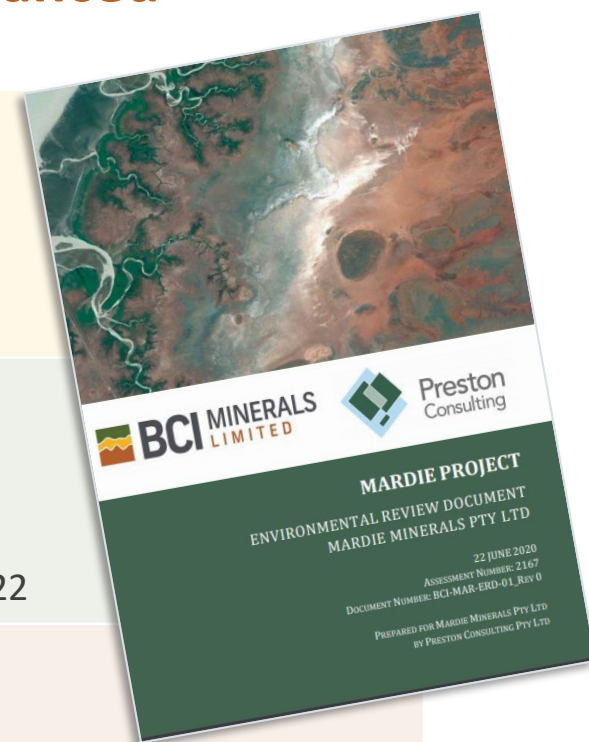


- Key Native Title agreements in place
- Port indigenous land use agreement (ILUA) finalised

TENURE



- Pastoral Access Agreement executed
- Gas pipeline access agreements substantially progressed
- Port reserve creation underway; Port lease documents being negotiated with Pilbara Ports Authority (PPA)



¹Refer to ASX Announcement dated 15 October 2021 titled '\$740M Mardie Project Debt Funding Secured'. ²Definitive Feasibility Study (DFS)

Sustainability Focus

A multigenerational project with significant environmental and stakeholder benefits

5. PROVIDE A SAFE ENVIRONMENT

- More than 6-years LTI free workplace
- Well planned site accommodation supporting livability, security and mental health

4. PROMOTE COMMUNITY PROSPERITY

- Karratha office established; encourage regional living
- 500 construction jobs and 220 ongoing operating jobs
- Taxes & Royalties: >\$9Bn¹
- Local and indigenous contracting prioritised

1. HARNESS RENEWABLE RESOURCES

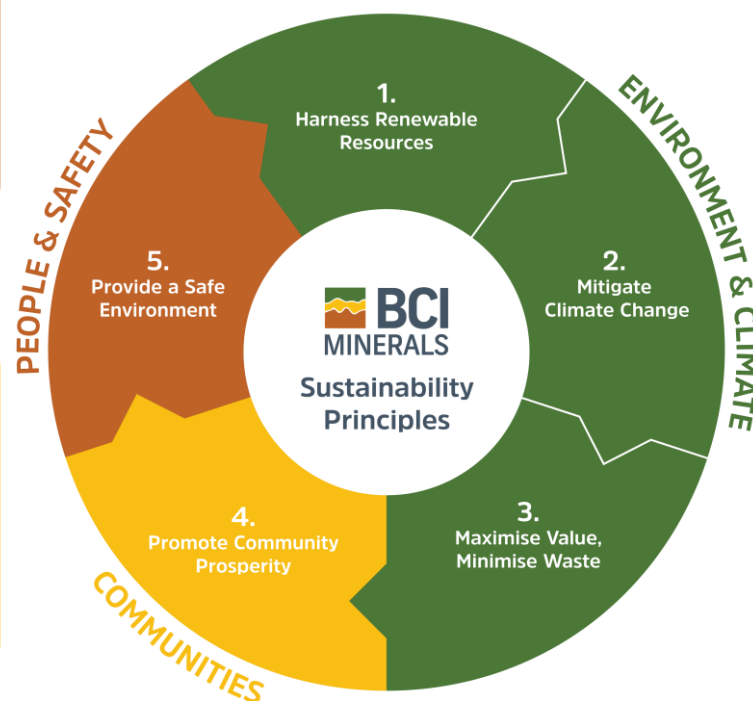
- Inexhaustible seawater resource
- Hybrid power solutions

2. MITIGATE CLIMATE CHANGE

- 99% of energy derived from solar and wind

3. MAXIMISE VALUE, MINIMISE WASTE

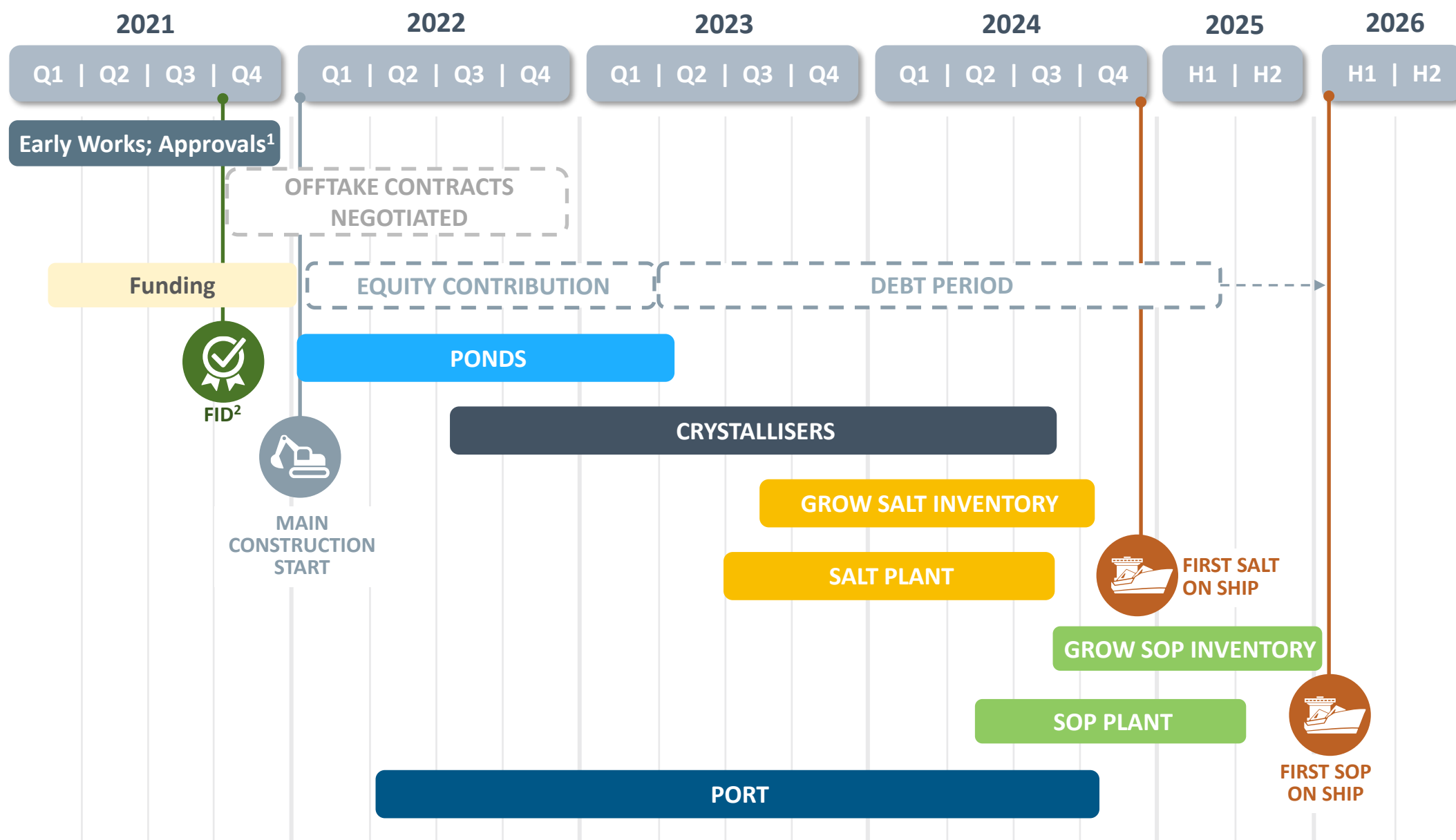
- Australian first to produce SOP fertiliser from seawater using salt circuit waste
- No landscape scarring, no mine pits, no waste dumps and no large-scale dewatering



¹ 60-year period based on OFS – refer ASX Announcement dated 21 April 2021 titled 'Mardie Optimisation Results: Increased Production and Improved Economics'

² KPMG Energy Report (March 2020)

Indicative Project Schedule



¹Based on plans as outlined in Definitive Feasibility Study, Optimised Feasibility Study approvals during 2022; ²Final Investment Decision

Mardie will become a Tier 1 Project

Large scale, low cost and long operating life



ROBUST MARKETS; QUALITY PRODUCTS

- High purity salt (>99.5% NaCl)
- Premium SOP fertiliser (>52% K₂O)
- Strong growth in Asian salt and global SOP markets
- Robust Salt & SOP price increases during 2021



LARGE SCALE, MULTI-GENERATIONAL

- Largest Australian salt project
- 3rd largest globally
- 60+ year life²
- Expansion potential



SUSTAINABLE

- 60+ year life²
- Seawater is an inexhaustible resource
- 99% of energy from wind and sun³
- Secondary processing of waste brines to produce SOP



LOW COST; STRONG CASHFLOWS

- Lowest quartile salt operating cost (incl. SOP credits)
- Ability to ship large vessels provides cost advantage
- ~\$13Bn cashflow⁴ over 60 years²
- Long term annuity of ~\$250Mpa EBITDA



STRONG STAKEHOLDER SUPPORT

- \$360M successful capital raising
- Strong support from cornerstone investors Wroxby, AustralianSuper and Ryder
- \$600M Government funding via NAIF, EFA¹
- \$310M Green Commercial Facilities

Why Invest in BCI?

Steady Capital Growth; Significant Mardie upside potential

160% return on investment since November 2019

BCI SHARE PRICE (\$/sh)

Up
160%¹



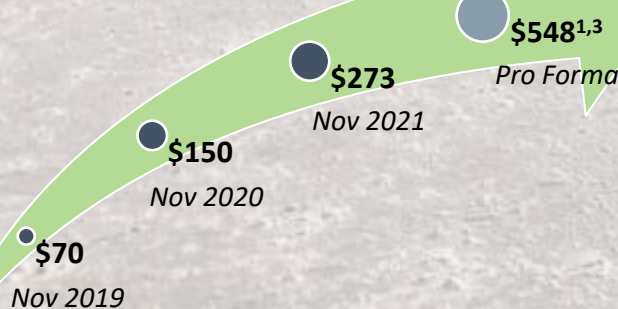
BCI CASH (\$M)

Up
740%³



BCI MARKET CAP (\$M)

Up
680%³



Shareholder approval required for resolutions at the EGM on 20 December 2021



Appendices



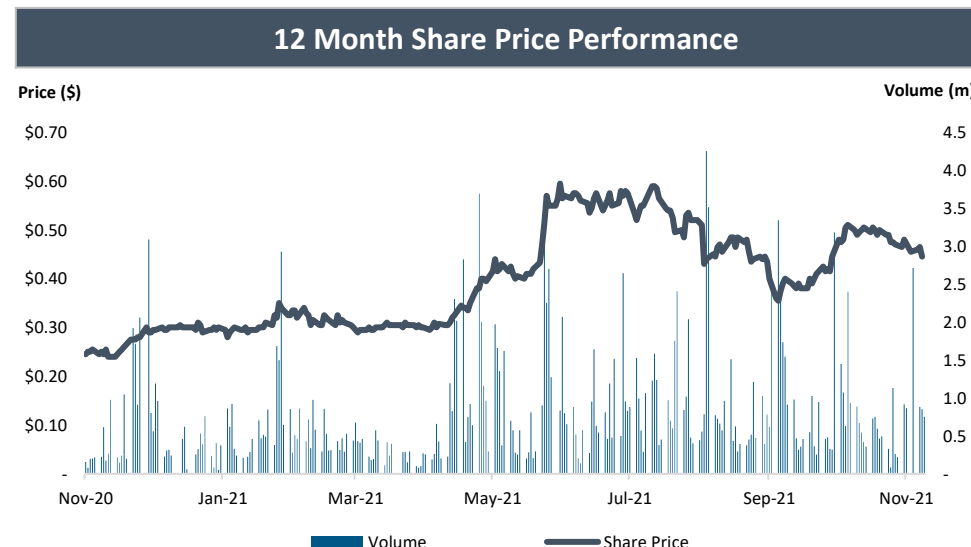
Corporate Structure

Strong Balance Sheet and Supportive Shareholders

Capital Structure (Pre-raise)	
Shares on Issue	599.96M
Share Price (24 Nov-2021)	\$0.455
6-month liquidity (24 Nov-2021)	\$59.5M
Market Capitalisation¹	\$273.0M
Cash at Bank (16-Nov-21)	\$106.2M
Debt (16-Nov-21)	Nil
Enterprise Value	\$166.8M

Top Shareholders (Pre-raise)	
Australian Capital Equity (Wroxby)	39.5%
Sandon Capital	6.0%
Ryder Capital Management	4.3%
Ryder Capital Limited	3.2%
Trojan Investment Management	3.1%
Top 20 Shareholders	64.8%
Board & Management	1.2%
Total number of shareholders	7,282

Board of Directors ²	
Brian O'Donnell	Non-Executive Chairman
Alwyn Vorster	Managing Director
Michael Blakiston	Non-Executive Director
Jennifer Bloom	Non-Executive Director
Richard Court	Non-Executive Director
Garret Dixon	Non-Executive Director
Chris Salisbury	Non-Executive Director



¹Based on 599.96M shares (pre-raise) ²Refer pages 27 and 28 for Director and Management Team credentials

Funding Provided By Iron Valley Royalty

Royalty payments provide funding support for Mardie construction

- Quarterly royalty earnings from operating agreement with Mineral Resources Ltd (ASX: MIN)
- Iron Valley royalty earnings forecast to provide additional funding to first Project debt drawdown 1H 2023
- 68Mt Reserves¹; Potential mine life of ~10 years
- Since first production in 2014:
 - BCI received revenue: \$490M
 - BCI received EBITDA: \$170M
 - Average 6.4Mtpa shipped
 - 55% lump ore; 59% Fe average
- Record BCI EBITDA of \$69.5M in FY21; \$17.1M in Q1 FY22

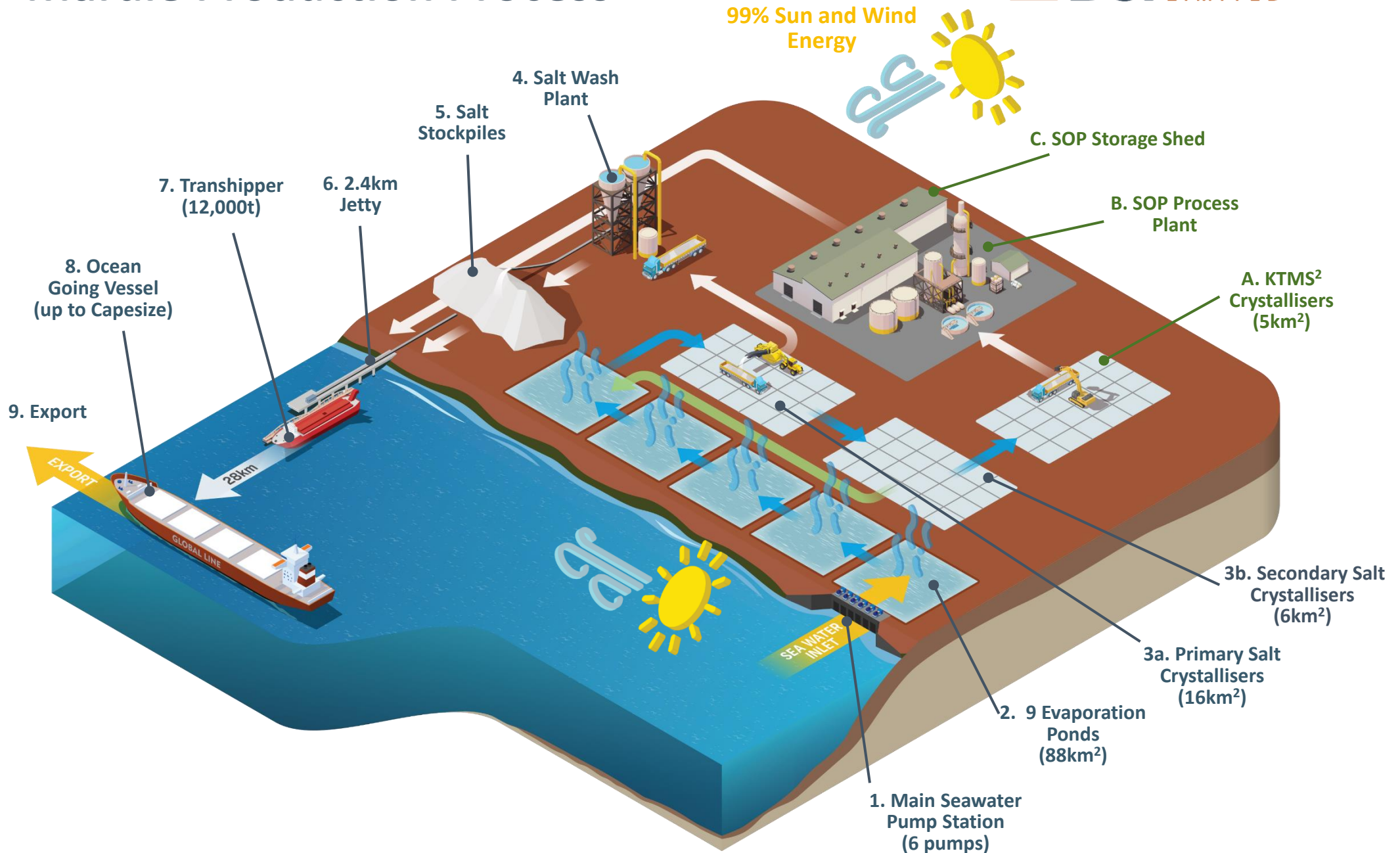
IRON VALLEY MINE



KEY IRON VALLEY PARAMETERS DETERMINING EBITDA TO BCI²

Annual EBITDA (A\$M)		Iron Ore Price (CFR 62% Fe, US\$/dmt)			
		80	100	120	140
Tonnes Shipped (Mt, wet)	5.0	5	11	20	37
	5.5	6	12	22	40
	6.0	6	13	24	44
	6.5	7	14	26	48
	7.0	7	15	28	51

Mardie Production Process¹



¹Refer blue-coloured labels for salt process and green for SOP process. SOP is exported in 10,000t parcels via the jetty, transhipper and onto ocean going vessels for export to customers ²Kainite Type Mixed Salt

BCI Board of Directors



Brian O'Donnell

NON-EXECUTIVE CHAIRMAN



- Banking and investment background
- Director, Finance and Investments - Australian Capital Equity (ACE)
- Numerous current and previous board positions on ASX-listed and private companies

Alwyn Vorster

MANAGING DIRECTOR



- Geology, Mineral Economics, MBA
- Kumba; Rio Tinto; Iron Ore Holdings
- Geology; Mining; Marketing, Business Development and various CEO roles

Michael Blakiston

NON-EXECUTIVE DIRECTOR



- Legal and mining business background
- Partner in Gilbert + Tobin's Energy + Resources group
- Chair BCI Audit & Risk Cmte and Chair BCI Equity Cmte

Jennifer Bloom

NON-EXECUTIVE DIRECTOR



- Governance, approvals and business background
- Senior positions in both the private and public sector
- Chair of BCI Rem & Nom Cmte

Richard Court

NON-EXECUTIVE DIRECTOR



- Commercial & Political background
- Former Ambassador to Japan; Premier and Treasurer of Western Australia
- Former Chair of GRD Minproc, Chair of Iron Ore Holdings, Chair of National Hire

Garret Dixon

NON-EXECUTIVE DIRECTOR



- Civil engineering background
- Senior contracting roles (HWE; Mitchell Corp; Watpac - NED)
- Executive Vice Pres - Alcoa Corp
- Chair of BCI Project Review Cmte

Chris Salisbury

NON-EXECUTIVE DIRECTOR



- Numerous operational and strategic roles in Rio Tinto (30-years)
- Rio Tinto Chief Executive – Iron Ore including responsibility for Rio's salt business
- Chair of BCI Sustainability Cmte

Susan Park

COMPANY SECRETARY



- Commerce and accounting background
- 25 years' experience in the corporate finance industry
- Extensive experience in Company Secretarial roles

BCI Executive Team / Key Project Personnel



Alwyn Vorster
MANAGING DIRECTOR



- Geology, Mining and MBA degrees
- Kumba; Rio Tinto; Iron Ore Holdings
- Geology; Mining; Marketing; Feasibilities; Corporate Development

Sam Bennett
PROJECT DIRECTOR



- Civil engineering degree
- Fortescue; Roy Hill; WSP
- Construction

Stephanie Majteles
GENERAL COUNSEL/JOINT COMPANY SECRETARY



- Law degree
- Freehills; Rio Tinto
- Tenure; Approvals; Corporate

Simon Hodge
CHIEF FINANCIAL OFFICER¹



- Finance degree
- JP Morgan; Poynton; Quickflix
- Corporate finance; Investment banking

Jim Cooper
GENERAL MANAGER OPERATIONS



- Management Diplomas
- GM Dampier Salt (Rio Tinto); GM Hope Downs (Rio Tinto); GM Boddington (Newmont)
- Operations; Salt Marketing; Health & Safety

Angela Glover
HEAD OF CORPORATE AFFAIRS



- Metallurgy degree
- BBI Group, Atlas, Alcan Gove
- Heritage; approvals, License to Operate; Government relations
- Based in Karratha

Colyn Louw
HEAD OF PEOPLE AND SERVICES



- Commerce and MBA degrees
- BHP; Roy Hill; Gold Fields
- People, health & safety, construction and operations

DEVELOPMENT & OPERATIONS TEAMS:

John Sofield (GM Project Engineering)

- Ex Fortescue Future Industries, BHP, Oz Minerals

Xavier Coetzee (GM Project Commercial)

- Ex Roy Hill, Covalent Lithium – Procurement Management

Rob Ernst Jr. (GM Marine)

- Ex BBI Group – Manager of Port and Marine

Dale Ettridge (Manager Ops Readiness)

- Ex Rio/Dampier Salt – Mine Manager; Ops Readiness

Alan Perry – (Manager Projects)

- Ex Rio/Dampier Salt – Regional Mine Manager

MARKETING TEAM:

Matthew Gurr (Manager)

- Ex Rio Tinto - Korea Manager

Takashi Kawada (East Asia – Singapore based)

- Ex Dampier Salt - GM Marketing

Kevin Yu (China – Beijing based)

- Ex Cliffs - China Country Manager; Rio Tinto

Trevor Larbey – Logistics

- Ex Rio Tinto Marine – 35 years shipping

¹Simon Hodge becomes Head of Commercial in January 2022;
Kerryl Bradshaw joins BCI as CFO in January 2022



T +61 8 6311 3400
E info@bciminerals.com.au
W www.bciminerals.com.au

Level 1, 1 Altona St
West Perth
WA 6005

GPO Box 2811
West Perth
WA 6872