



Lycopodium

Emerging Industrials Forum

Euroz Hartleys

20 April 2023

About Lycopodium

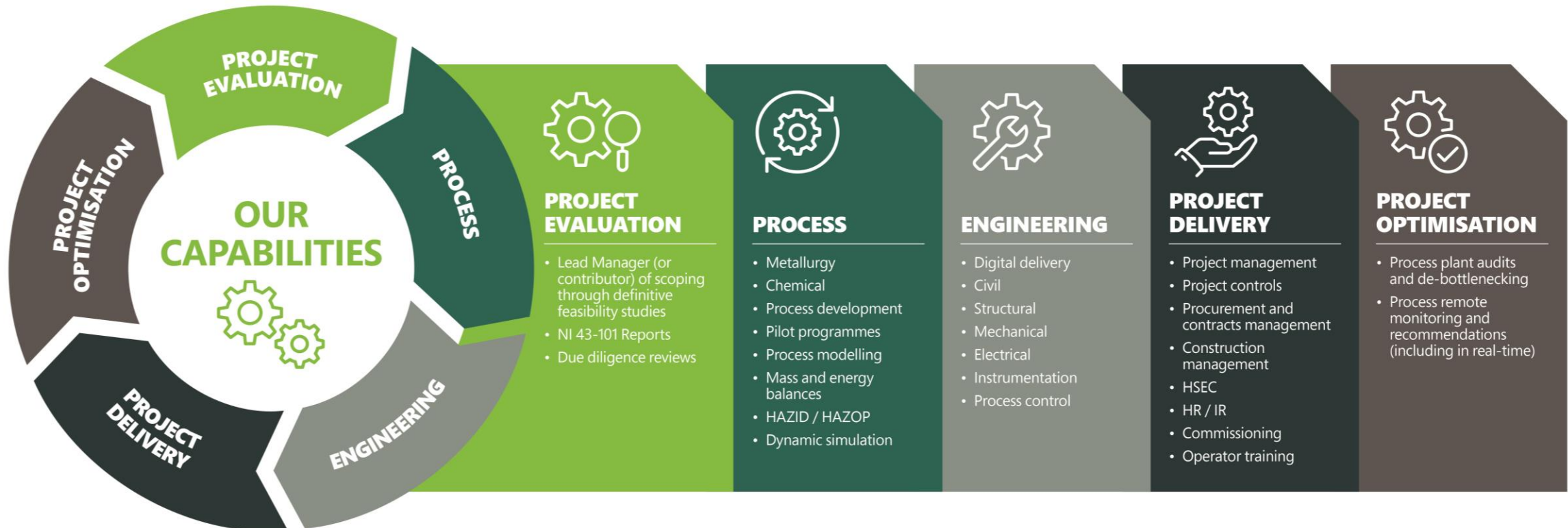
Lycopodium



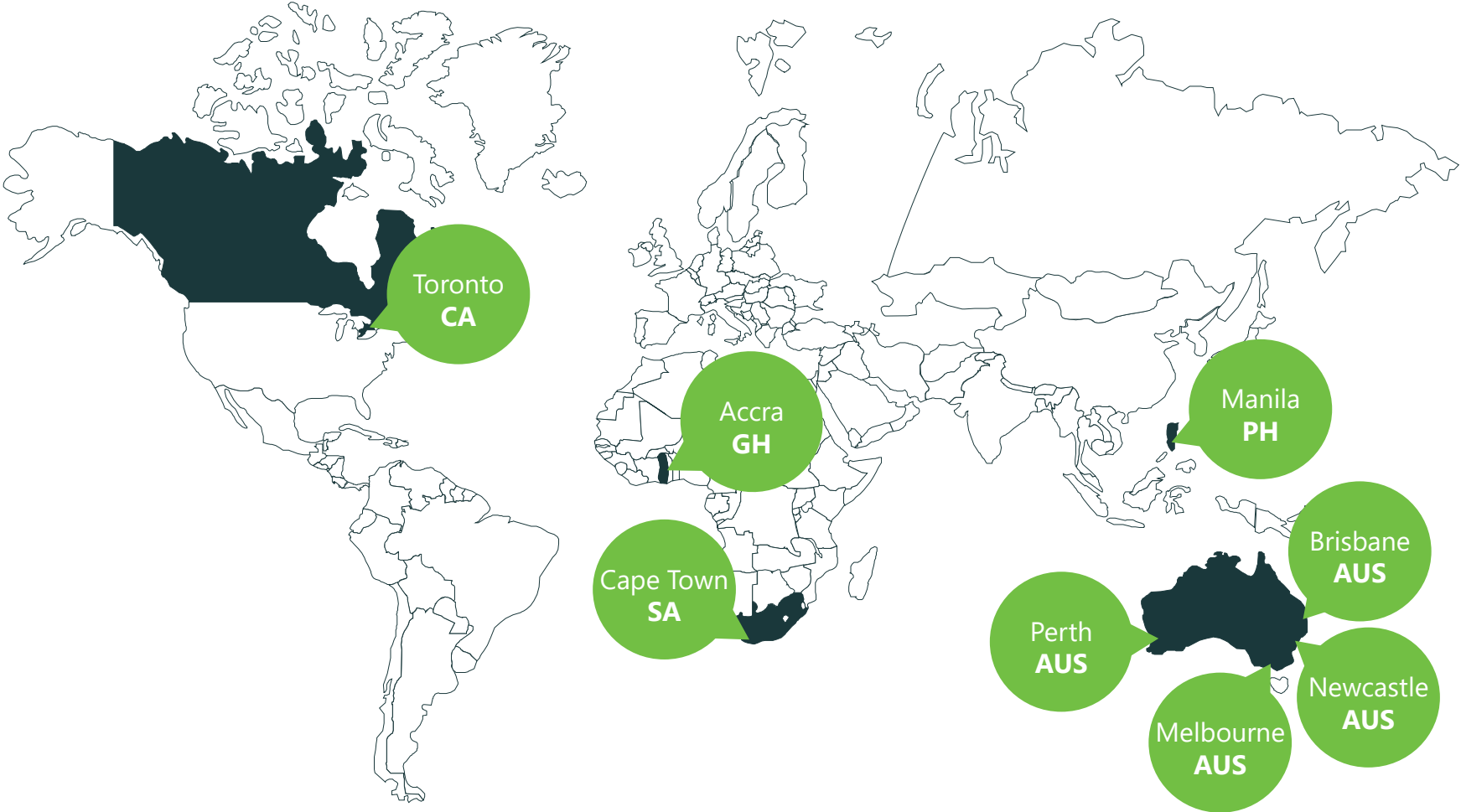
Lycopodium is a highly respected, innovative and value-driven global process, engineering and project delivery organisation.

The Company was founded and is headquartered in Perth, Western Australia and is listed on the Australian Stock Exchange (ASX: LYL).

Working across the Resources, Industrial Processes and Rail Infrastructure sectors, we have over 1,000 staff globally, with the value of capital projects currently in delivery in the order of A\$3.9 billion.



Global Reach



Corporate Overview

Lycopodium

"With a highly experienced, stable board and management, Lycopodium has always delivered high quality outcomes to its clients and good returns to its shareholders"

Share Price
(as at 19.4.23)
\$10.18

Shares on Issue
39.7m

Earnings per Share
1H FY2023
49.7 cents

Half Year
Dividend
36 cents

Market
Capitalisation
~\$404m

Shareholder
Breakdown

Board & Management	37%
Institutions	26%
Retail	37%

1H FY2023 Financial Highlights

Revenue
\$159.9m

NPAT
\$20.0m

EBITDA
\$32.2m

Profit Before Tax
\$28.7m

Cash at Bank
\$94.7m

Return on Equity
19.7%



Strong Balance Sheet,
minimal debt



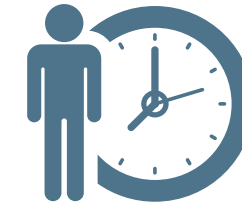
Strong, stable business

Current Snapshot

FY2023 guidance
Revenue ~\$320 million
NPAT ~\$45 million



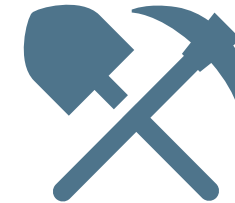
1000+ staff globally



Long-serving teams of high calibre people



Value of capital projects currently in delivery ~A\$3.9 billion



35+ Resource Projects in delivery



40+ Resource Studies in delivery



Investment in People



Investment in Systems and Platforms

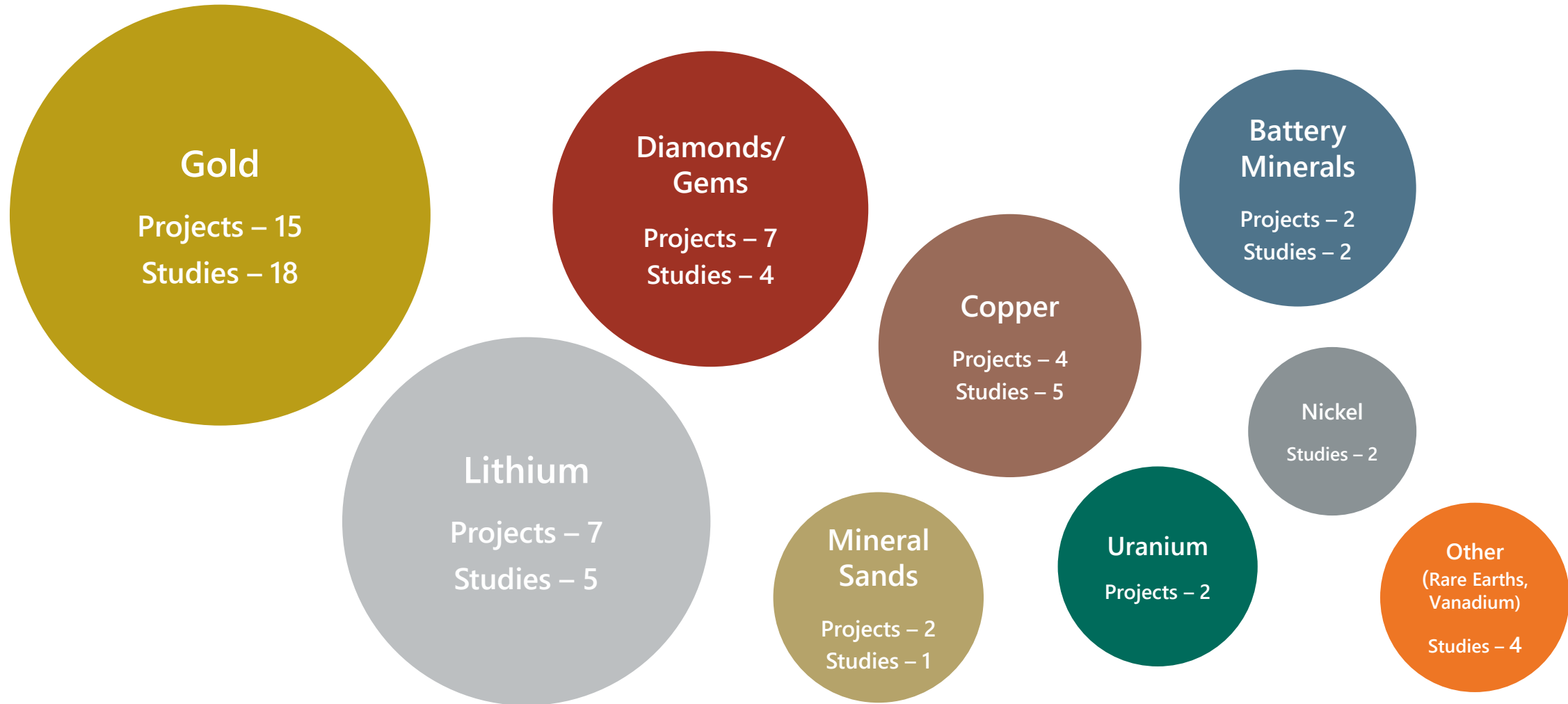


Investment in Geographic Diversification



Investment in Sector Diversification

Resources – Projects and Studies Currently in Delivery



Resources – Major Project Status FY2023

40+
Studies

Engineering/early stages	Onsite delivery – progressing	Onsite delivery – late stages	Delivered
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Project	Client	Commodity	Location
Kathleen Valley	Liontown Resources	Lithium	Western Australia
Ahafo North	Newmont Ghana Gold Limited	Gold	Ghana
Sabodala-Massawa	Endeavour Mining – Sabodala Gold Ops	Gold	Senegal
Lafigué	Endeavour Mining – Lafigué Project	Gold	Côte d’Ivoire
Goulamina	Leo Lithium	Lithium	Mali
Kiaka	West African Resources	Gold	Burkina Faso
Navachab (new Primary Crushing)	QKR	Gold	Namibia
Baomahun FEED	FG Gold Limited	Gold	Sierra Leone

Project	Client	Commodity	Location
Séguéla	Fortuna Silver Mines	Gold	Côte d’Ivoire
Motheo	Sandfire Resources	Copper, Silver	Botswana

Project	Client	Commodity	Location
Chemical Grade Processing Plant #3	Talison Lithium	Lithium	Western Australia
Mine Services Area Relocation	Talison Lithium	Lithium	Western Australia
Langer Heinrich Upgrade	Paladin Energy	Uranium	Namibia
Batu Hijau	PT Amman Mineral Nusa Tenggara	Copper, Gold	Indonesia

Project	Client	Commodity	Location
Bomboré	Orezone	Gold	Burkina Faso
Dry Mining Unit	Grande Côte Operations	Mineral Sands	Senegal
Navachab	QKR	Gold	Namibia
Cobré Ball Mill 6	Minera Panama SA	Copper, Gold	Panama

Operational Highlights



Operational Highlights



Dry Mining Unit, Senegal



MSA Relocation, Western Australia



CGP3, Western Australia



Operational Highlights



People First – Safety and Wellbeing at the Forefront

Directly employing more than 1,000 people
 With contractors included, we manage some 2,500 people working on projects across the globe

	FY2022	Current (rolling 12 months to March 2023)	Target
Hours	3.2 million ¹	6.4 million	
LTIFR	0.3 ²	0.0 ²	0.0
TRIFR	1.6	2.0	≤2.8
EIFR	0.0	0.0	≤1.8

¹ Compared to 1.9 million manhours controlled in FY2021

² Against Construction Industry frequency rate of 8.8 (Safe Work Australia, *Key WHS Statistics Australia 2022*)



Manhours controlled increased



Preventative measures – focus on lead indicators



Back to Basics – all incidents are preventable if risk is understood and proactively managed



Culture of continuous improvement

Innovation – Technical Leaders

Future Battery Industries Cooperative Research Centre

Key participant in the FBICRC, supporting the development of capability to capture the significant opportunities associated with the energy transition for Australia from the growing global battery industry



CSIRO

Working with the CSIRO to consider options and areas of research that could lead to a material reduction in the carbon footprint of the High Pressure Acid Leaching (HPAL) process for nickel laterite processing



Renewable Energy

Participating in a range of battery storage research projects, including at the Fekola Gold Mine in Mali and the Sukari Gold Mine in Egypt

Delivered a DFS for Lithium Australia for the production of lithium ferro phosphate battery pre-cursor material

Participating in hydrogen projects, including the Hydrogen Energy Supply Chain (HESC) project at the Port of Hastings in Victoria

Innovation – Technical Leaders

Dry Mining Unit

An innovative operating cost saving asset in the mineral sands environment – first unit commissioned on site in Q3 2022 at the Grande Côte mineral sands operation in Senegal



Digital Twin

Engineering the plant as a static digital twin supplemented by virtual reality technology, which then becomes the primary interface for operations and plant maintenance, and also facilitates extensive options analysis and scenario planning during the project study phases



Orway IQ – MillROC

Online platform providing cloud-based, customised data analysis and dashboards for optimisation of mineral processing plants

The Yaouré Gold Mine in Côte d'Ivoire was the first project to be purpose-built 'MillROC ready'

Outlook

- Demand for base metals is expected to remain strong, in support of the energy transition
- Market for resources used in new and low emission technologies continuing to grow, including lithium, copper, nickel cobalt, graphite, vanadium and manganese
- Demand for gold continues to be buoyed by investment in 'safe' assets amid rising inflation and ongoing geopolitical uncertainty, and growing consumption in technology
- The transition to green energy, with the development of systems to operate on low carbon energy sources, maximising waste recovery and reuse, sets the foundation for a period of challenge, innovation and change
- Domestic manufacturing continues to present opportunities for the Industrial Processes sector

Strategy

- Continued focus on achieving broader geographical reach – across Asia-Pacific and the Americas
- Balanced project delivery portfolio – mix of EPCM and EPC
- Diversify sectoral exposure into burgeoning green energy markets, in part via continued focus on downstream minerals processing in battery minerals
- People Plan – continue to attract, engage, inspire and retain a high performing, global, professional workforce
- Knowledge management – investment in systems to drive efficiency and facilitate work sharing across divisions and subsidiaries globally
- Innovation and emerging technology – digital twinning (ADP and Orway IQ) and engagement with industry (e.g. FBICRC and CSIRO)

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THANK YOU

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