

Lycopodium

Annual General Meeting

FINANCIAL YEAR 2023

14 November 2023

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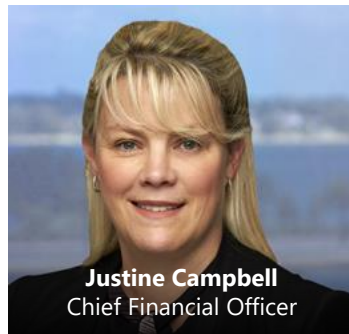
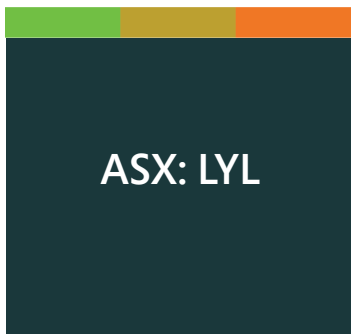
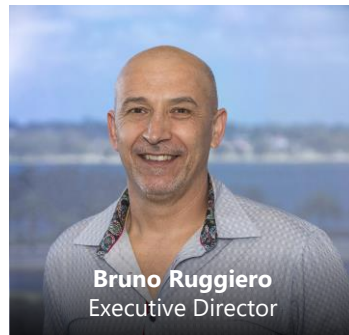
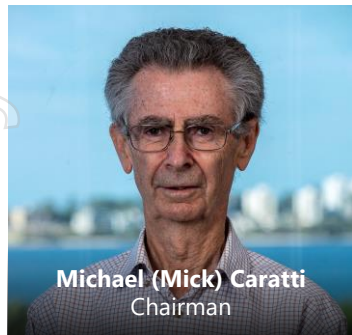
About Lycopodium

Lycopodium is an innovative and value-driven process, engineering and project delivery organisation.

Working across the Resources, Infrastructure and Industrial Processes sectors, the Company is headquartered in Perth, Western Australia and is listed on the Australian Stock Exchange (ASX: LYL).



Corporate Overview



- Long-term stable Board and Management
- Long-term and loyal shareholder base
- A Company with strong governance and risk management culture that continues to deliver returns over the long-term

Listed on the ASX
since **2004**

Shares on Issue
39.7m

Shareholder Breakdown

Board & Management	36%
Institutions	25%
Retail	39%

People First

Directly employing more than 1,200 people
With contractors included, we manage some 2,500 people
working on projects across the globe

	FY2023	Current (rolling 12 months to October 2023)	Target
Hours	8.2 million ¹	11.9 million	
LTIFR	0.0 ²	0.0	0.0
TRIFR	1.6	1.0	<2.5
EIFR	0.0	0.0	<1.5

¹ Compared to 3.2 million manhours controlled in FY2022

² Safe Work Australia Heavy and Civil Engineering Construction Industry Comparison Frequency Rate 2021/2022, LTIFR = 11.2



Manhours controlled
continuing to increase



Preventative measures –
focus on lead indicators

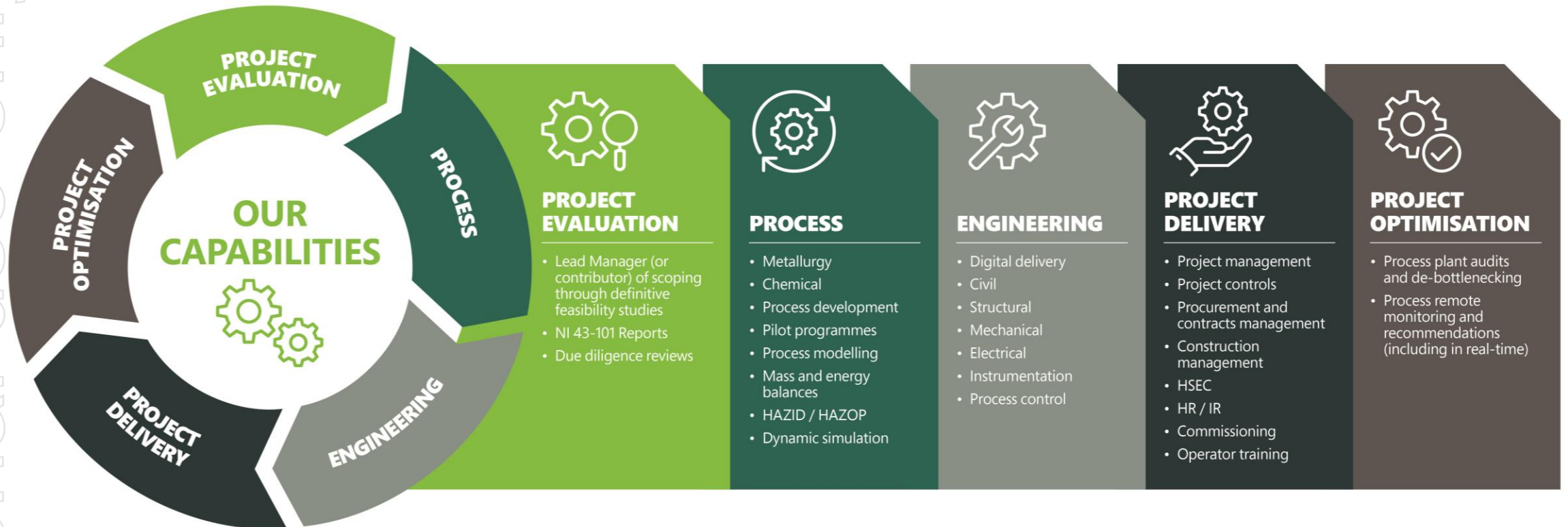


Back to Basics – all incidents are
preventable if risk is understood
and proactively managed

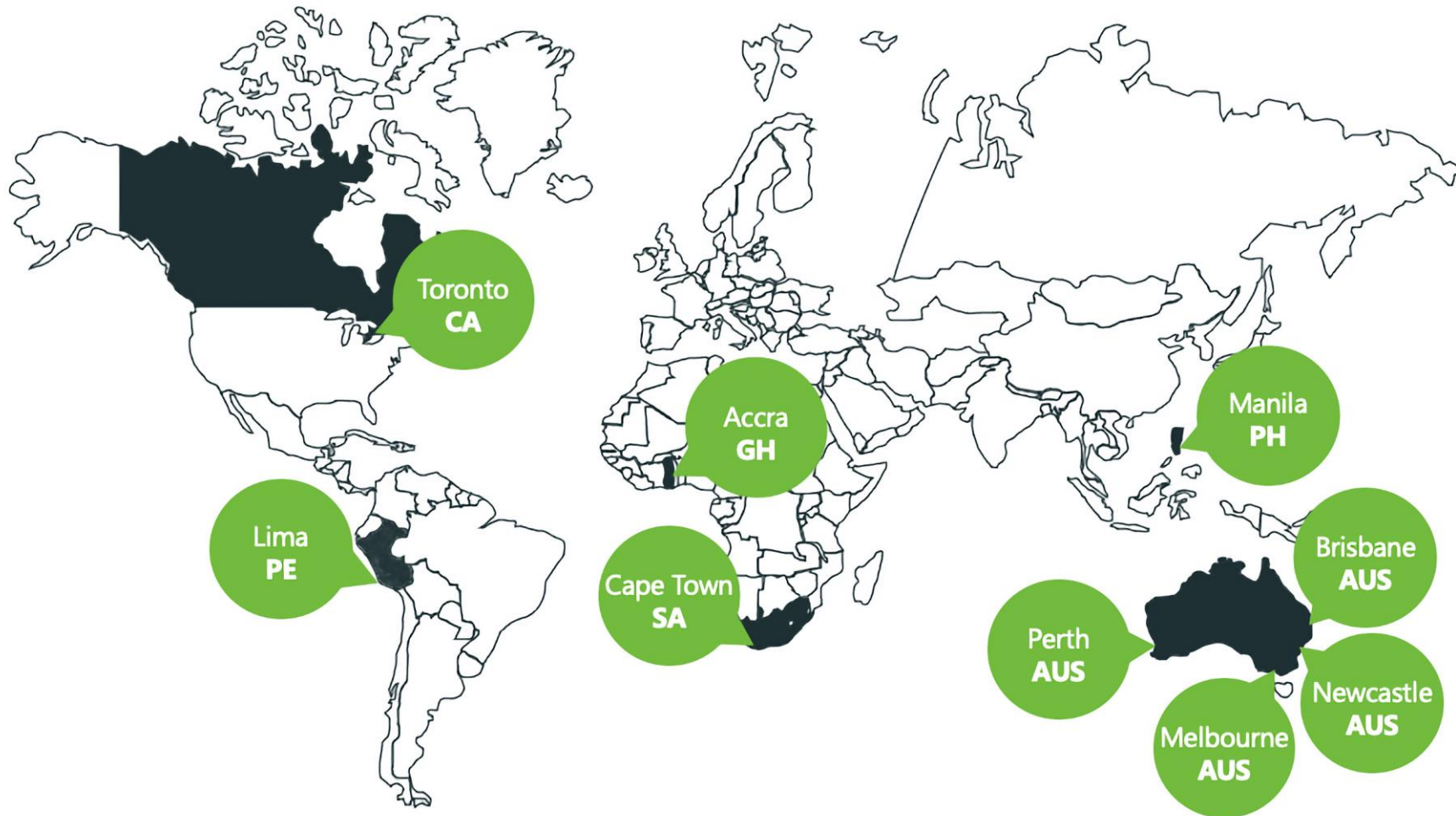


Culture of continuous
improvement

Core Capabilities

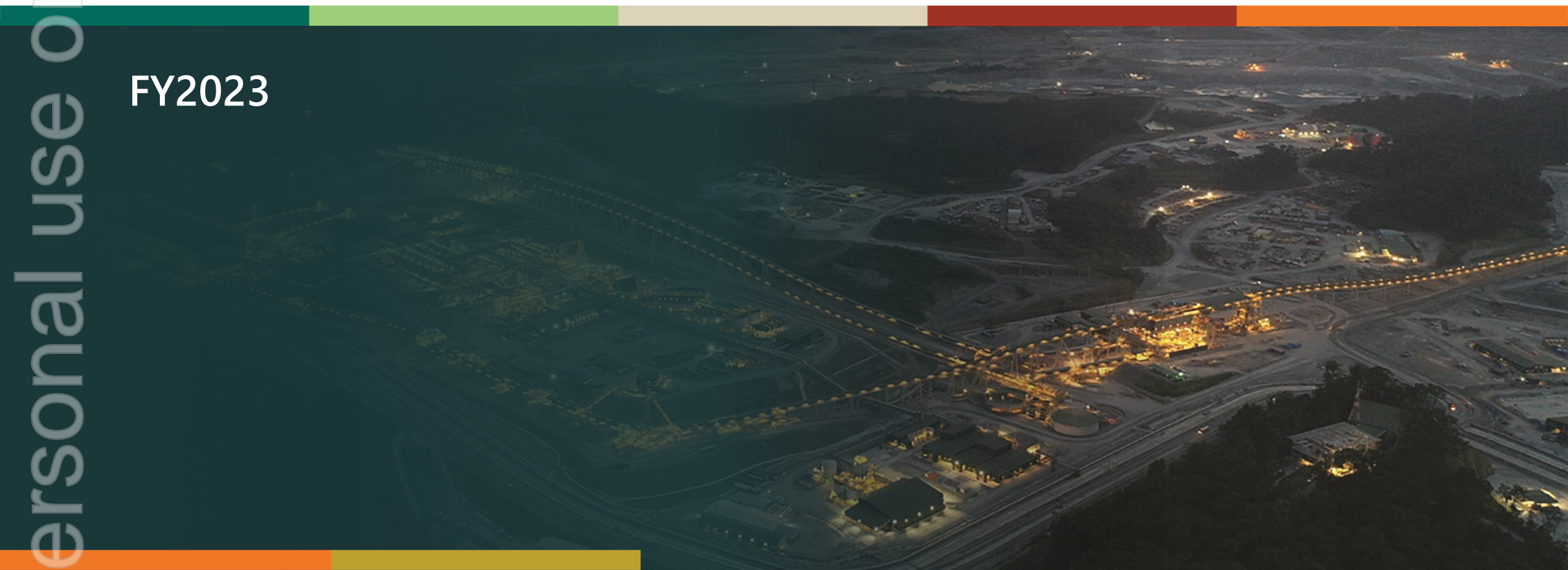


Global Reach



Financial Highlights

FY2023



FY2023 Financial Highlights

Revenue
\$327.6m

Cash at Bank
\$82.4m

Share Price and
Market Capitalisation
(as at 13.11.23)
\$9.63/~\$383m

EBITDA
\$70.5m

Return on Equity
44%

Earnings per Share
117.7 cents

NPAT
\$46.8m

P/E Ratio
(as at 13.11.23)
8.2

Total Dividend
per Share
81 cents

FY2023 Balance Sheet

	FY2023	FY2022
	A\$'000	A\$'000
Current Assets	177.1	173.9
Total Assets	215.9	218.9
Total Liabilities	102.9	119.2
Total Debt	0.7	1.5
Equity	113.0	99.7

Net Tangible Asset per Share
\$2.68



Strong Balance Sheet



Strong, stable business

Current Snapshot

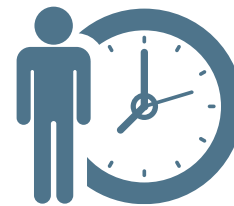
FY2024 GUIDANCE

Revenue
~\$345 million

NPAT
~\$46 to \$50 million



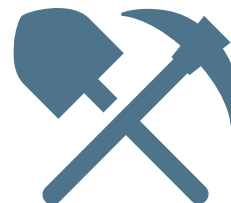
1,200+ staff globally



Long-serving teams of
high calibre people



Value of capital projects currently
in delivery ~A\$4 billion



35+ Resource Projects
in delivery



40+ Resource Studies
in delivery



Investment in People



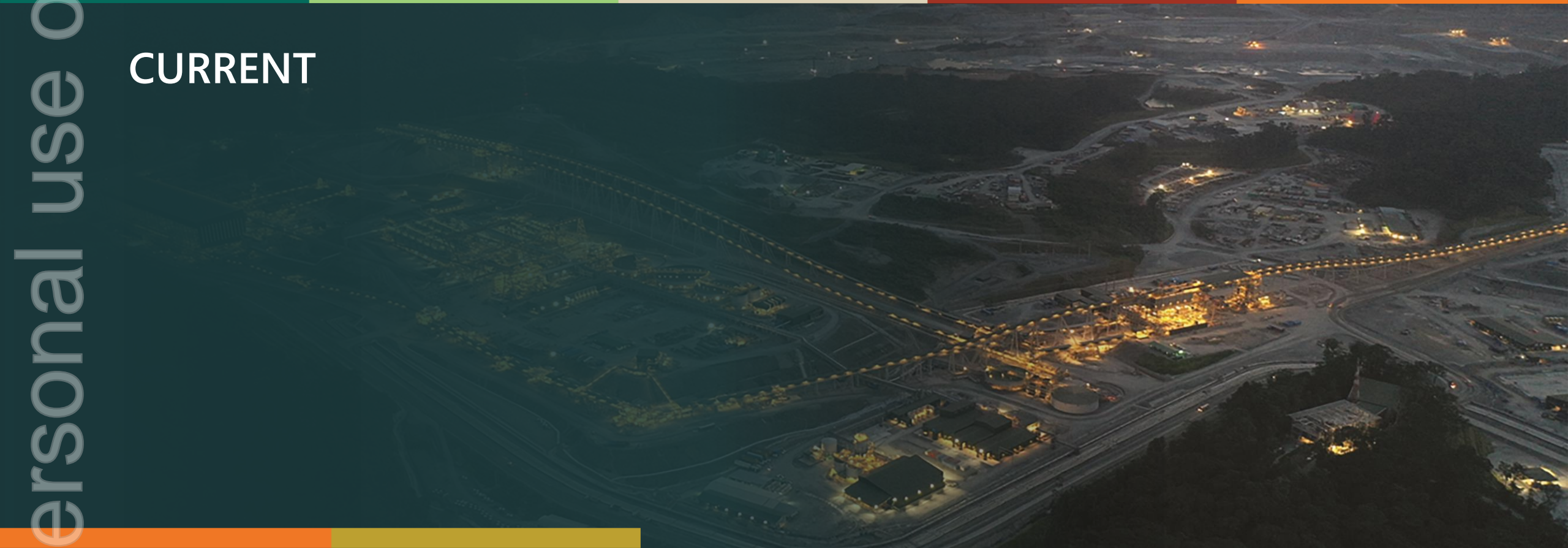
Investment in
Systems and Platforms



Investment in Geographic
Diversification

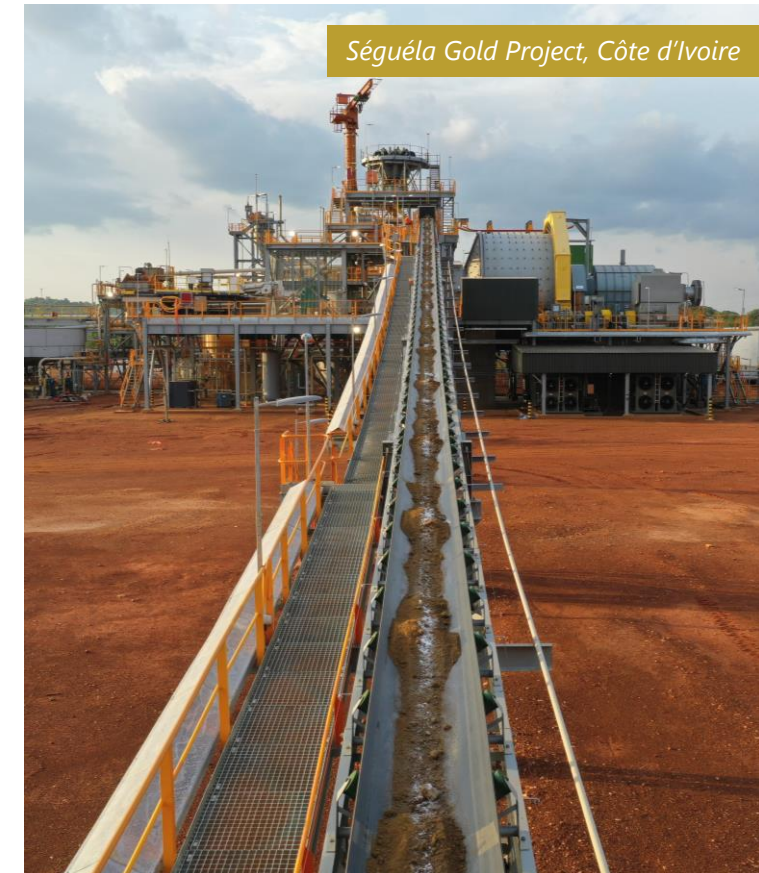
Operational Highlights

CURRENT



Operational Highlights

- Delivering services on major projects including:
 - Australia – Kathleen Valley, CGP3 and CGP4, Gruyere
 - Africa – Goulamina (Mali), Sabodala-Massawa (Senegal), Lafigué (Côte d'Ivoire), Ahafo North (Ghana), Kiaka (Burkina Faso), Boto (Senegal), Baomahun (Sierra Leone), Mutamba Mineral Sands (Mozambique), Langer Heinrich Upgrade (Namibia)
 - Asia – Batu Hijau Expansion (Indonesia)
- Project completions this year – Motheo (Botswana), Talison MSA (Western Australia), Séguéla (Côte d'Ivoire), Bomboré (Burkina Faso), Cobré Ball Mill 6 (Panama), Navachab (Namibia), Sukari Paste Plant (Egypt), Dry Mining Unit (Senegal)
- Recent major work awarded – Reko Diq Copper-Gold Project Feasibility Study and Basic Engineering (Pakistan), Kobada Gold Project Definitive Feasibility Study Update (Mali) and Tanda-Iguela Gold Project Pre-feasibility Study (Côte d'Ivoire)



Operational Highlights (continued)

- Orway Mineral Consultants (OMC) continues to be an industry leader in its field and a critical part of the Company as technical partner to our Resources business, and is also an integral element of our digital engineering strategy, providing:
 - Comminution circuit design and optimisation
 - Trade-off and brownfield scoping studies
 - Application of novel technologies
 - MillROC 2.0 data analytics and performance optimisation
- Infrastructure continues to provide design, engineering, technical advisory and Rail Infrastructure Management services for greenfield and brownfield rail projects across Australia – key clients include Pacific National and ARTC
- Process Industries business has been involved in many of the Energy related initiatives undertaken throughout the year, including in hydrogen, battery minerals, battery recycling and waste to energy technologies
- Pipeline of studies and new opportunities remains strong



Pacific National, New South Wales

Business Improvement

We continue to invest in initiatives focused on providing the support and tools required to enable our people to perform at their best, introducing in FY2023:

- Our global HR Information System (HRIS), providing a standardised platform across all operating entities to facilitate workplace efficiencies – represents the first step in the roll out of a broader enterprise resource planning (ERP) system in FY2024
- A new Engagement and Performance Management platform, with our first global employee engagement survey undertaken in late 2022 and the second one currently underway
- A new e-learning platform
- A new employee reward, recognition and wellbeing platform
- The second cycle of our Emerging Leaders Program, this time encompassing talent from around the globe
- Updated project collaboration software, to facilitate efficient access to, and sharing of, information across our global operations



Innovative Thinking

Digital Engineering

Plant dynamic modelling, development of static digital twins, and integration of both the dynamic and static digital twins into a connected, mine-wide digital twin solution



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



Orway IQ - MillROC

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

Our Sustainability

- Today we have released our inaugural Sustainability Report for FY2023 – available to view on our website
- We understand that to have a sustainable business into the future, we must strive for continuous improvement across all aspects of our operations – environment, social and governance
- This, being our first Sustainability Report, provides us with the opportunity to establish baseline data across our key metrics and to set future targets for improvement

Environment

- Energy Consumption
- Greenhouse Gas (GHG) Emissions
- Water and Waste Management

Social

- Our People
- Our Communities

Governance

- Business Ethics and Transparency
- Legal/Regulatory Compliance
- Risk Management
- Stakeholder Engagement



Our Community

We support the communities in which we live and work, via the Lycopodium Foundation:

- Long-term partnerships with Murlpirrmarra Connection and the Clontarf Foundation in Australia, in support of Aboriginal youth – this year, established a Design Scholarship and School-based Traineeship program for Clontarf students
- In Africa, we continue to work with BASICS International, an NGO in Ghana committed to protecting the basic human rights of children to education, shelter, food and safety – we have worked with BASICS since 2010 and are currently supporting them to progress the establishment of a camp for children in the countryside outside of Accra
- Actively supporting the local Greenbushes community in Western Australia – relocation of the historic Greenbushes Railway Station; Blackwood Youth Action group's Art Program, which supports youth mental health; Grow Greenbushes initiative, for the Greenbushes Youth Precinct Development; and Greenbushes Primary School's STEM Program
- Continued support of various charitable initiatives championed by our staff, including Jeans for Genes, for which we have now raised \$430,000 over the past 25 years, the Push-Up Challenge, Breast Cancer Care WA and the St Vincent de Paul Society



Murlpirrmarra Connection, Western Australia



Clontarf students, Western Australia

Our Clients – Current and Recent

We enjoy many long-term partnerships with our clients, working alongside them in the delivery of their studies and projects over the past three decades

Infrastructure

pacificnational

ARTC

AURIZON

COUNTRY
REGIONAL
NETWORK

**John
Holland**

MALABAR

Industrial Processes

THALES

BOEING

Lamb Weston
SEEING POSSIBILITIES IN POTATOES

CSL Seqirus

EnergyAustralia

Australian Government

ANSTO

HESC

Coogee

Lycopodium

Resources

LEO
LITHIUM LTD

OREZONE

AMMAN

PALADIN

IAMGOLD
CORPORATION

GOLD ROAD
RESOURCES

CENTAMIN

FORTUNA
SILVER MINES INC.

Newmont

GOLD FIELDS

FG GOLD

NAMDEB
A NAMIBIA DE BEERS PARTNERSHIP

RioTinto

CARAVEL
MINERALS

TROILUS

LEPIDICO

Sandfire

Liontown

BARRICK

QKR NAMIBIA
NAVACHAB GOLD MINE

OSINO
RESOURCES

B2GOLD

DE BEERS GROUP

AngloAmerican

GRANDE CÔTE
OPERATIONS SA

Perseus
MINING

ENDEAVOUR
MINING

Managem
Creating value beyond mining

BASE
RESOURCES

WEST AFRICAN
RESOURCES

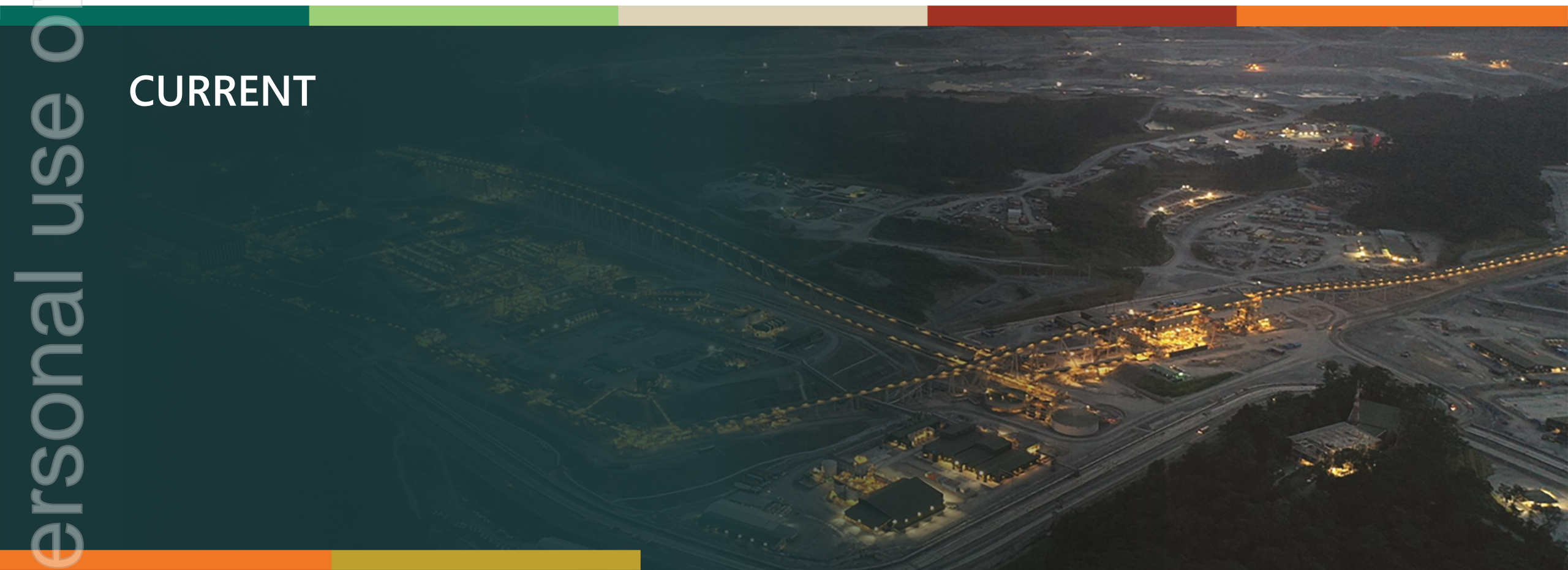
FIRST QUANTUM
MINERALS

eramet

TALISON LITHIUM

Major Projects

CURRENT



Resources – Major Project Status

40+
Studies

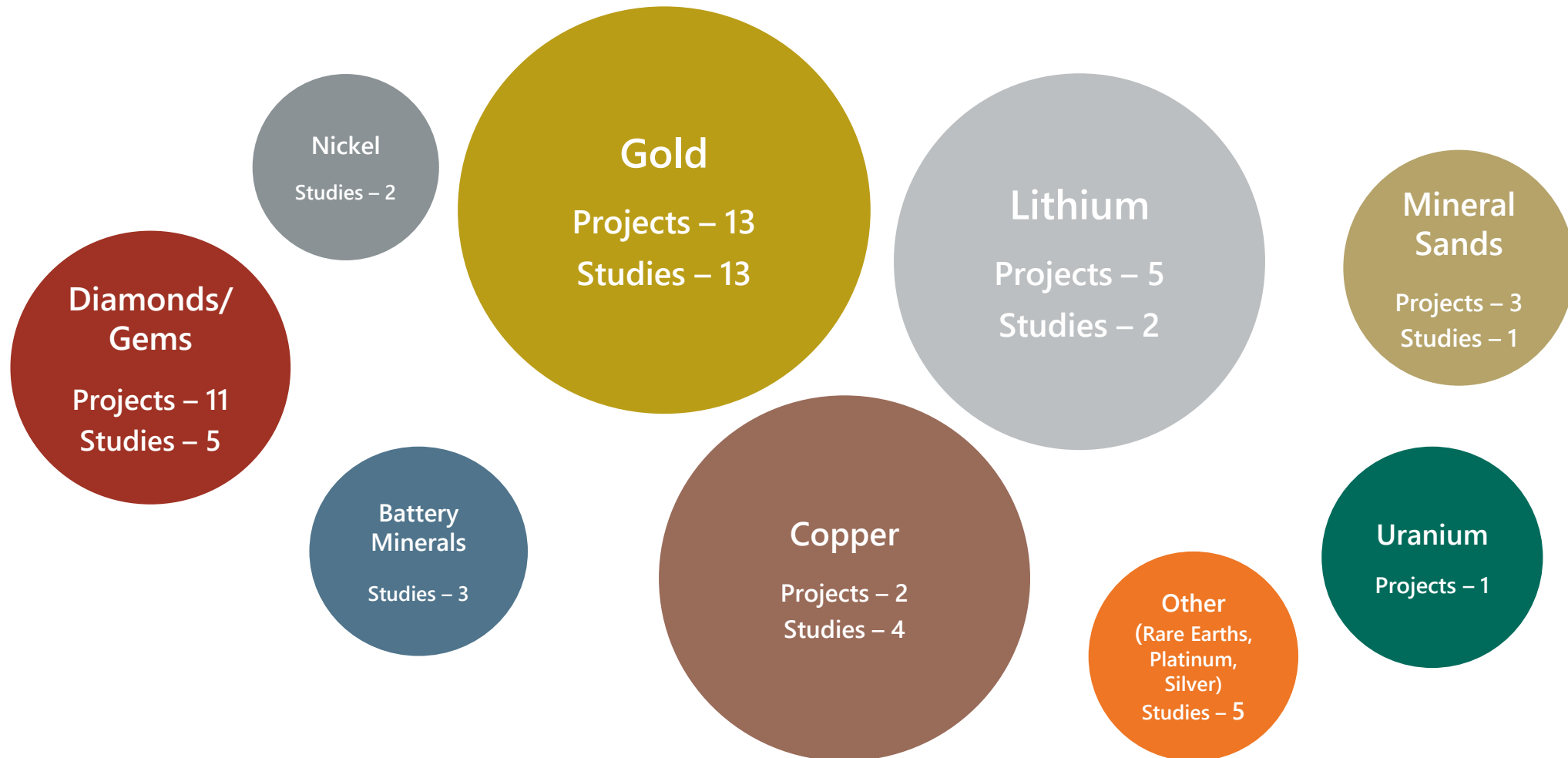
Engineering/early stages		Onsite delivery – progressing	
Project	Client	Commodity	Location
Reko Diq	Barrick Gold Corp	Copper, Gold	Pakistan
Baomahun	FG Gold	Gold	Sierra Leone
Boto	Managem	Gold	Senegal
Anaconda	B2Gold	Gold	Mali
Twin Hills	Osino Resources	Gold	Namibia

Project	Client	Commodity	Location
Batu Hijau	PT Amman Mineral Nusa Tenggara	Copper, Gold	Indonesia
Langer Heinrich Upgrade	Paladin Energy	Uranium	Namibia
Mutamba Mineral Sands	Rio Tinto	Mineral Sands	Mozambique
Gruyere Pebble Circuit Upgrade	Gruyere Management Pty Ltd	Gold	Western Australia

Onsite delivery – late stages		Delivered	
Project	Client	Commodity	Location
CGP3	Talison Lithium	Lithium	Western Australia
Ahafo North	Newmont	Gold	Ghana
Kathleen Valley	Liontown Resources	Lithium	Western Australia
Sabodala-Massawa	Endeavour Mining – Sabodala Gold Ops	Gold	Senegal
Goulamina	Leo Lithium	Lithium	Mali
Lafigué	Endeavour Mining – Lafigué Project	Gold	Côte d'Ivoire
Kiaka	West African Resources	Gold	Burkina Faso

Project	Client	Commodity	Location
MSA	Talison Lithium	Lithium	Western Australia
Séguéla	Fortuna Silver Mines	Gold	Côte d'Ivoire
Motheo	Sandfire Resources	Copper, Silver	Botswana
Sukari Paste Plant	Centamin	Gold	Egypt
Bomboré	Orezone	Gold	Burkina Faso
Dry Mining Unit	Grande Côte Ops	Mineral Sands	Senegal
Navachab	QKR	Gold	Namibia
Cobré Ball Mill 6	First Quantum	Copper, Gold	Panama

Resources – Currently in Delivery



Future Focus

FY2024



Our Outlook

- Strong demand outlook for battery minerals and metals, including lithium, copper, cobalt and nickel, is attracting capital to build global supply
- The value of gold remains high, driven by demand and global geopolitical, and associated economic risks
- Australia's railway construction and maintenance activity outlook is strong, supported by a number of significant publicly funded projects
- Domestic manufacturing continues to present opportunities for the Industrial Processes sector, as does the ongoing development of emerging markets in support of the energy transition, including waste and recycling, water and wastewater, and hydrogen
- Transformation of the global energy sector from fossil-based to zero-carbon sources represents a period of innovation and opportunity in the development of new systems that can operate on low carbon energy sources, whilst maximising waste recovery and reuse
- Lycopodium's expertise will remain sought after given the macro environment and other drivers



Dry Mining Unit, South Africa

Our Strategy

Geographical Reach

Continued focus on achieving broader geographical reach – across Asia-Pacific and the Americas



Balanced Portfolio

Balanced project delivery portfolio – mix of EPCM and EPC



People

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

Investment in innovation and emerging technology – digital engineering and engagement with industry (eg FBICRC and CSIRO)



Energy transition

Diversify sectoral exposure into green energy markets including energy storage and the global battery revolution





Thank You

Disclaimer

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