

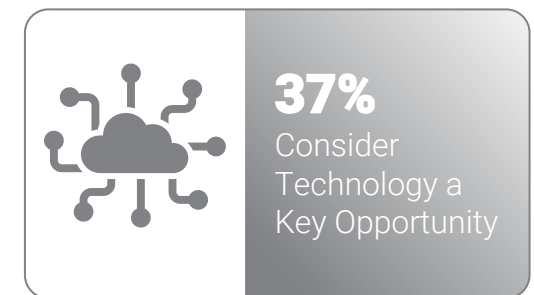
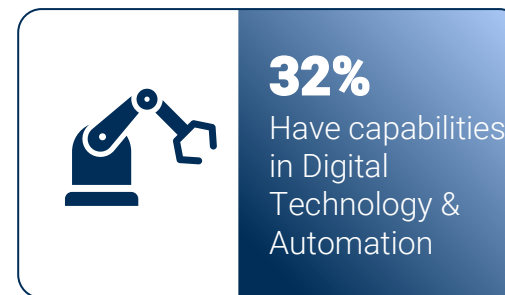
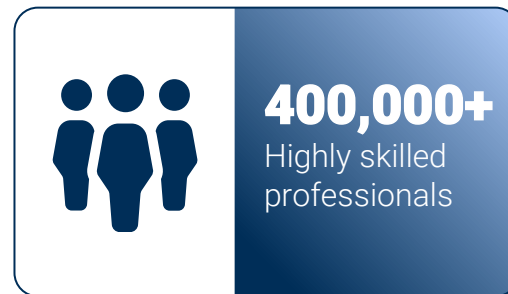
METS – Innovation in the Mining Supply Chain

Resources, Energy, Industry Innovation Forum. 7th August 2024

Ross Carter, Austmine, Membership Manager NSW

Introducing The Australian METS Sector

Australia's METS sector is recognised as a world leader in mining innovation and technology. METS companies lead with best industry practices, provide critical operational support, ensure a safe workplace, protect the natural environment, and are constantly innovating in order to deliver groundbreaking solutions.



Mining Landscape 2024



Capability Snapshot

Austmine is proud to have a **30k+ global reach** across the mining value chain. With **750+ Corporate Members** nationally, our members represent the diversity of the Australian METS sector.



Mining contracting



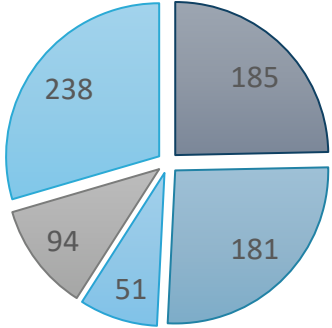
Environmental management



Major equipment manufacturers



Data Analytics and AI



■ NSW ■ QLD ■ SA ■ VIC ■ WA



Drilling and blasting



Software and systems



Equipment automation



Engineering services



Australian METS Capabilities

Exploration & Feasibility



Mining Operations



Logistics & Supply Chain



Development



Processing & Refining



Reclamation



Innovation?

The process of bringing about new ideas, methods, products, services, or solutions that have a significant positive impact and value



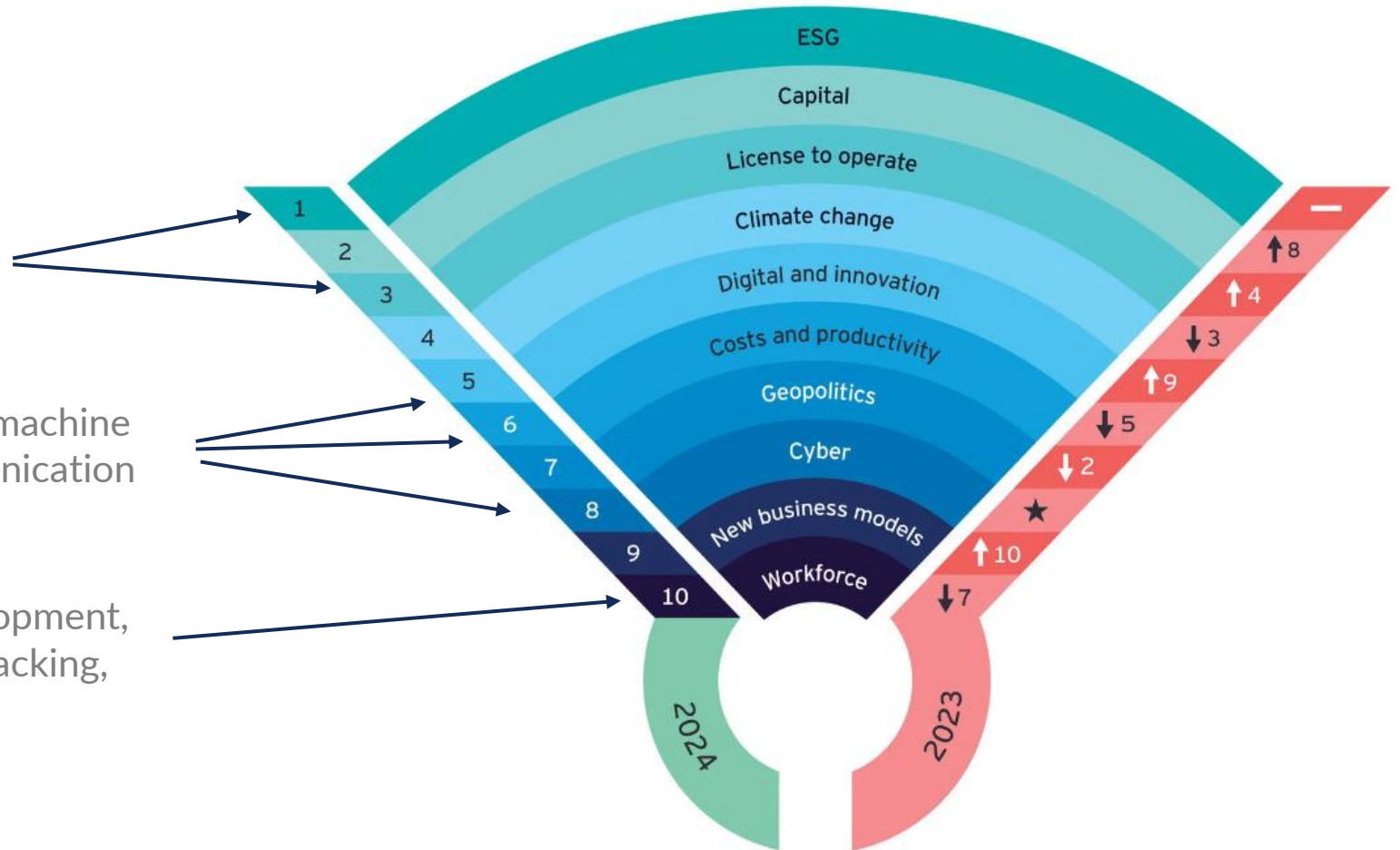
- Interoperability
- Faster discovery
- Complete ore body knowledge
- Smaller footprint
- New sources of energy
- Decarbonised industry
- New processing methods
- Zero fatalities
- Stronger partnerships
- High level of collaboration

Tackling Mining's Biggest Challenges

Water treatment, tailings technologies, environmental monitoring, dust suppression, rehabilitation services

Automation & robotics, simulation, AI & machine learning, predictive maintenance, communication networks, sensors & data capture

Safety equipment & services, skills development, virtual & augmented reality, personnel tracking, community engagement



↑ Up from 2023 ↓ Down from 2023 — Same as 2023 ★ New for 2024

METS Innovation in the Region



PHOENIX UNDERGROUND

Founded in 2020 with Mudgee Location
Develop service offering that fits around client
operations

30 Employees, expanding scope

Local solution is keeping high value work stay local
Translate 'buy local' into the operational benefits
from a local business.



METS Innovation in the Region

JACON

EQUIPMENT ▶

- Founded in 1979 (Division of MAAS)
Specialised Underground Equipment.
Shotcreting, hole loading,
- National and International Footprint
Exporting to USA, UK, South Africa, Chile,
Mongolia, Indonesia
- 45 Employees





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