

Metso

Asia Pacific

Regional capability statement

Minerals and metals



Global leader with extensive local presence

Metso is a frontrunner in sustainable technologies, end-to-end solutions and services for the minerals processing, metals refining and aggregates industries globally.

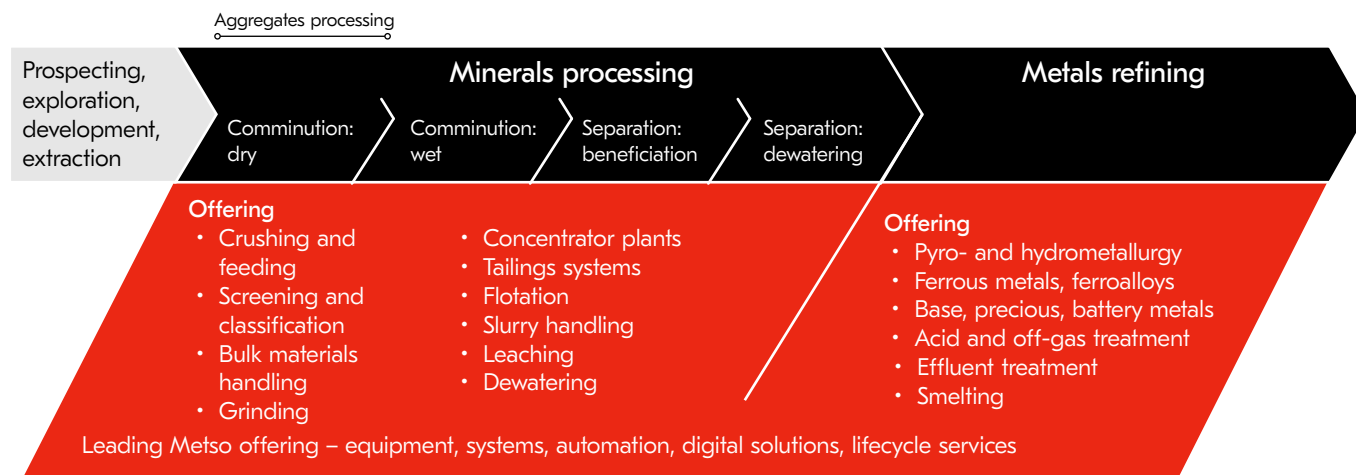
The purpose of Metso is to enable sustainable modern life, and we aim to create solutions to accelerate sustainability in the industries where we operate.

Metso in Asia Pacific covers the whole value chain from ore to refined metals. We supply not only individual equipment and technologies, but all integrated solutions to design, deliver, maintain and service complete plants through all stages of their lifecycle.

Every day, hundreds of processing plants in Asia Pacific rely on Metso technologies.



Full offering from ore to metal



Our people

Our people will always go the extra mile to ensure we meet and exceed our customers' expectations.

- Customer-centric growth culture, driving innovation and long-term customer value creation.
- 1,350+ employees in Asia Pacific, part of Metso's global network of 18,000 experts.



Our solutions

Providing customers in Asia Pacific with leading-edge equipment, services and solutions since the 1950s. Solutions include:

- Studies and testwork to equipment, process islands, plant engineering and delivery
- Site services, spare and wear parts, upgrades and modernisations and full lifecycle support.



Our coverage in Asia Pacific

Committed to excellent service throughout Asia Pacific, large footprint ensuring we are always close to our customers who comprise all major mining houses, mid-tiers, juniors and EPCMs.

- 30 Metso locations, 1,350+ employees and 800+ service experts in Asia Pacific.
- Extensive regional footprint across service, test, manufacturing, warehousing, distribution facilities, and regional offices.



Our QEHS commitment

At Metso, we always start with safety. We are committed to the health, safety and well-being of our employees, customers and partners in all our operations.

- Metso maintains ISO 9001 (quality), 14001 (environment) and 45001 (safety) certifications. This certification applies to Perth, Sydney, Melbourne, Jakarta plus service locations in Ballina, Beresfield, Canning Vale, Esperance, Henderson, Karratha, Tomago and Surabaya.
- Metso also maintains ISO 27001 certification (Information Security Management Systems) at a global level.



Our sustainability commitment

Central to our sustainability efforts is our Metso Plus offering – products and services that are more energy- or water-efficient than the industry benchmark.

- Metso Plus portfolio includes 100+ products.
- In 2025 we spent 2.3% of our global total revenue on internal R&D.
- By 2030, 80% of our R&D spend will be on Metso Plus products and services.
- Science-based targets to reduce absolute Scope 1 and 2 GHG emissions by 100% by 2030 from the 2019 base year.

We are your
partner for positive change

Minerals processing



Crushing & feeding

- Gyratory crushers
- Jaw crushers
- Cone crushers
- Horizontal & vertical impact crushers
- Mobile & portable crushers
- Crushing stations
- Modular crushing plants
- Apron feeders
- Belt feeders
- Grizzly feeders
- Vibrating pan feeders
- Wobbler feeders
- Pan feeders



Screening & classification

- Single, double & triple deck screens
- Banana/multi-slope, horizontal, inclined & ultrafine screens
- Elliptical, linear & circular motion
- Stationary, mobile & portable screens
- Hydrocyclones



Grinding

- AG & SAG grinding mills
- Ball & pebble mills
- Vertical roller mills
- Rod mills
- Scrubbers
- High pressure grinding rolls
- High intensity grinding mills
- Vertimills
- Stirred media detritors
- Mill reline machines
- PSI particle size analyzers



Slurry handling

- Mill discharge pumps
- Slurry pumps
- Sump pumps
- Froth pumps
- Tank pumps
- Induced flow pumps
- Dredge pumps
- Hoses & pipes
- Valves
- Hydrocyclones



Beneficiation

- Ore sorting
- Mechanical flotation
- Flash flotation
- Pneumatic flotation
- Modular flotation plants
- Magnetic separators
- Conditioners
- Courier on stream analyzers
- Linear metallurgical sampler (LMS)



Dewatering

- Paste thickeners
- High compression thickeners
- High-rate thickeners
- Clarifiers
- Industrial water treatment
- Inclined plate settlers
- Spiral concentrators
- Spiral dewaterers
- Pressure filters
- Vacuum filters
- Polishing filters
- Feed tank
- Plant units



Material handling

- Chutes
- Reciprocating conveyors
- Stackers & reclaimers
- Feeders
- Railcar dumpers, pulleys & positioners
- Overland conveyors
- Railcar pullers
- Holding devices
- Port and terminal solutions
- Automation



Digital solutions

- Elemental analyzers
- Particle size analyzers
- Advanced process control and optimization
- Process simulation and modelling
- Sensors and intelligent instruments
- Asset condition monitoring
- Process control systems
- Virtual training services
- Samplers
- Metallurgical digital twin

Ore to metal



Hydrometallurgy

- Leaching and precipitation
- Pressure oxidation (POX)
- Biological oxidation (BIOX)
- Solvent extraction and electrowinning (SX-EW)
- Electrorefining
- Industrial water treatment
- Reactors and agitators
- Autoclaves
- Tankhouse equipment
- Cathode stripping machines
- Cooling towers
- Vent gas scrubbers
- PSI particle size analyzers
- Courier on stream analyzers



Iron ore pelletizing and reduction

- Grate kiln pelletizing
- SL/RN iron ore reduction systems



Sulphuric acid and gas cleaning solutions

- High volume quenching and scrubbing
- Fluorine tower
- Mercury tower
- Wet ESP
- SO₂ converter
- Gas-gas heat exchanger
- SX coolers and piping
- Peroxide scrubber
- Wet gas cleaning equipment
- Halide tower



Smelting technologies for base metals, precious metals, recycled materials & ferroalloys

- Flash smelting and converting
- Ausmelt TSL
- Peirce-Smith converting
- Slag cleaning furnace
- Anode furnace
- Anode casting shop
- Kaldo and TROF
- E-scrap and copper scrap smelting
- FeCr smelting
- DRI smelting



Thermal processing for battery metals, limestone, petroleum coke. Drying & cooling equipment

- Rotary kilns – direct and indirect heaters
- Rotary dryers, heaters and coolers
- Preheaters
- Fluid bed dryers, heaters and coolers
- Heat exchanger screw



Digital solutions

- Sensors and intelligent instruments
- Elemental analyzers
- Process control systems
- Advanced process control and optimization
- Process simulation and modeling
- Metallurgical digital twin
- Virtual training services
- Asset monitoring

Service & repair solutions for every stage of your process

End-to-end services in Asia Pacific

Delivered across Metso service locations in Tomago, Mackay, Henderson, Kalgoorlie, Karratha, and Surabaya.

- **Field services and repair capability** - supporting installation, maintenance, shutdowns and asset reliability across the equipment lifecycle
- **Shutdown management solutions** - including scope development, planning and optimization to support safe and predictable major maintenance events
- **Service and repair solutions** - encompassing refurbishments, component exchange programs, retrofits, upgrades and plant modernizations
- **Life Cycle Services (LCS)** – customizable service agreements covering performance monitoring, maintenance strategy, asset upgrades and production optimization through long term OEM partnerships
- **Process optimization and remote connected services** - focused on debottlenecking, improving downstream performance and increasing asset availability
- **Expert advisory and engineering services** - including test work, inspections, condition assessments, feasibility studies and technical studies
- **Metso Academy training programs** - delivered via classroom, on site and remote learning formats, including simulators and digital tools

Screening equipment

Whole equipment refurbishments, exciter rebuild programs and individual component repairs.

Crushing equipment

All makes, models and sizes available for repair. Complete crusher refurbishments to individual main shaft repairs.

Grinding equipment

Horizontal mills, vertical roller mills, stirred milling and HPGRs all have components or assemblies which can be repaired by Metso service centres.

Hydrometallurgy

Repairs available for various hydrometallurgical equipment.



Material handling

Apron feeders, rail car dumpers, positioning systems, cable belt conveyors and more. Repair, refurbish, or exchange programs are available.

Slurry handling

Pump rebuilds and part replacement programs are available. Components may be repaired, depending on material of construction.

Flotation & thickening

Repairs, refurbishments, upgrades available on flotation and thickening components, systems and whole equipment.

Pressure filtration

Disassemble, repair and rebuild complete filter plate assemblies. Rebuild programs available for reliable solutions.



Field service & repair solutions

- On site and off site equipment support across installation, commissioning, operation and maintenance
- Preventive, corrective and emergency maintenance delivered through planned work or rapid response
- Shutdown and outage services, including planning, execution and optimization
- Component inspection, repair, refurbishment and replacement, supported by OEM parts programs
- Technical inspections, condition assessments and service reporting
- Equipment adjustments, upgrades and minor retrofits executed during maintenance activities
- Integrated supply of spares, wears and Life Cycle Services to support reliable operation

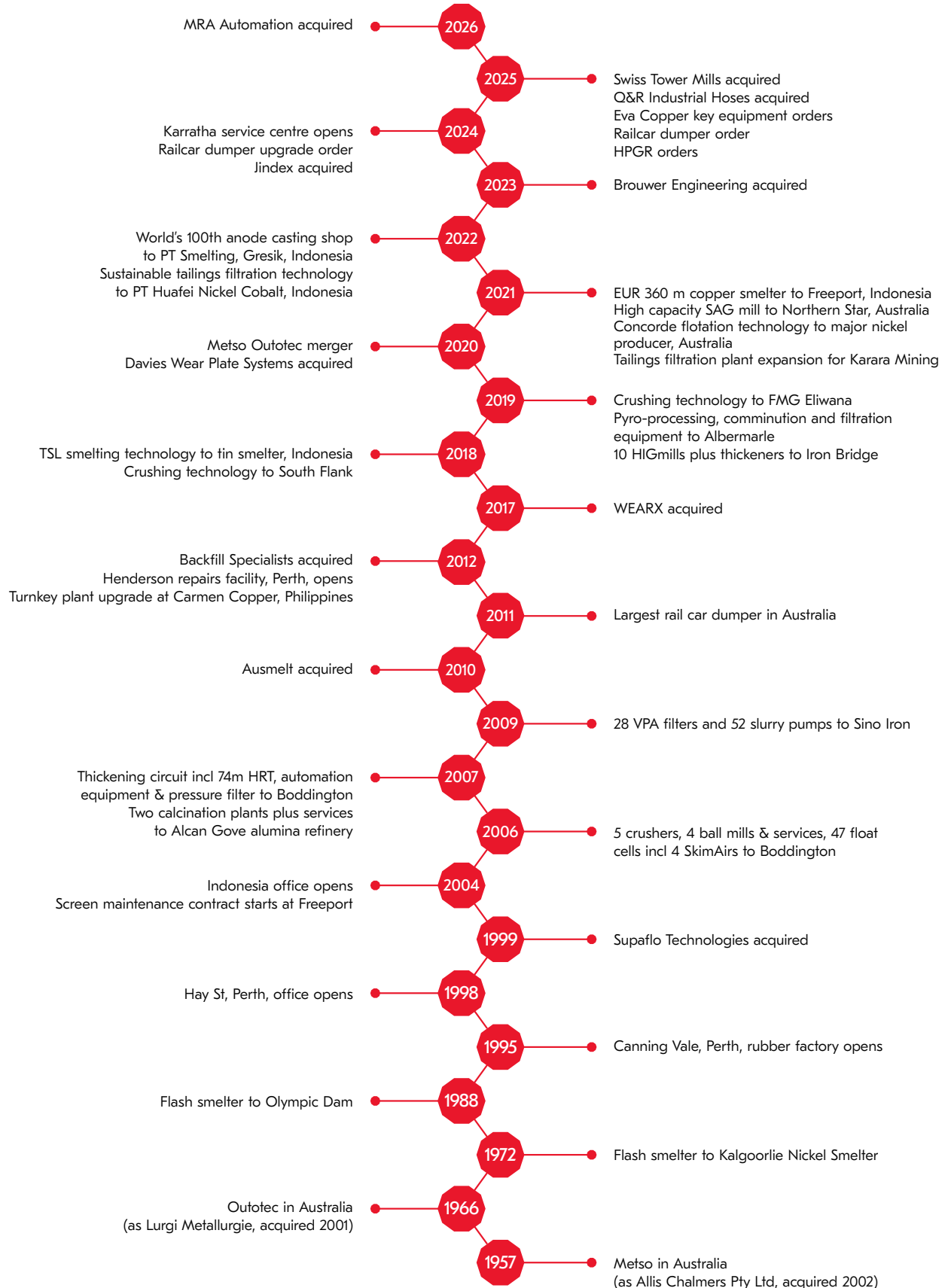


Life Cycle Services (LCS)

- LCS agreements are customizable contracts that help you focus on your critical operations, share the risk and achieve your goals more efficiently.
- LCS leverage Metso's full parts and services portfolio, and can include deferred equipment
- They target specific goals or long-term site performance and sustainability
- Payment options vary from fixed fees to performance-based models
- Address talent gaps with expert support and smart tools for evolving needs
- Safeguard assets, reduce downtime, cut costs and boost ROI
- Surpass productivity and sustainability goals through stability, optimization and growth

Available for Metso legacy brands
and third-party equipment

Metso in Asia Pacific timeline



Your partner for positive change in Asia Pacific

Our local footprint



Main offices

Perth

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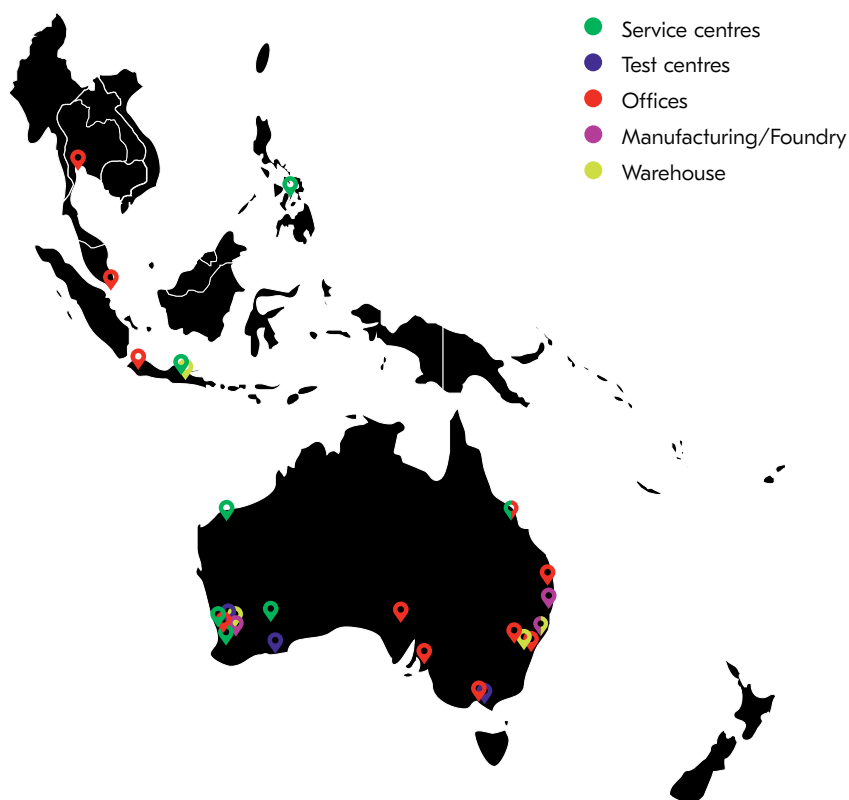
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Metso is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. We improve our customers' energy and water efficiency, increase their productivity, and reduce environmental risks with our product and service expertise. We are the **partner for positive change**.

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