

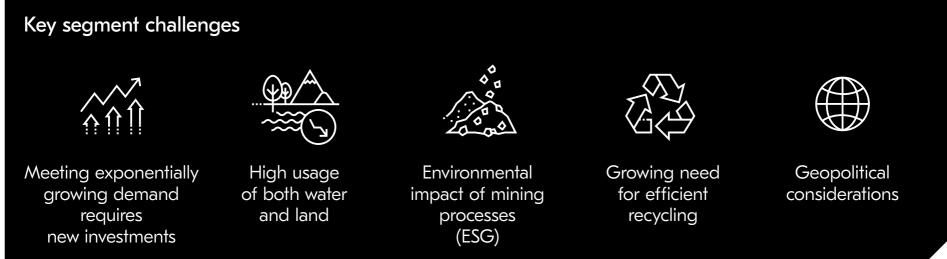
Giving a green light for tomorrow's energy

We are driving the energy transition from fossil fuels towards sustainable batterypowered alternatives with a unique offering for a more responsible value chain from start to finish and beyond. Metso has a holistic insight into the battery minerals segment, stemming from a comprehensive technological coverage of the entire value chain. We use our unique position to efficiently address many of the challenges facing our sustainability-minded society.

As society continues to embrace batteries as the more responsible alternative for burning fossil fuels, we need to accept that we can't just concentrate on the sustainability of individual end user commodities such as EVs. To determine and improve sustainable performance,

we need to take a holistic approach and lead the way towards a more responsible overall business ecosystem.

To succeed in this green transition, it is not enough that the batteries continue to develop and improve. It is equally important, if not even more so, that the stakeholders across the entire value chain continue to develop at the same pace and commit to doing better. Tomorrow's battery mineral processes not only need to be more sustainable, but also more transparent, safe and reliable.



Responsibility is an opportunity

We are in the business of converting the modern world from fossil fuels to electric power. And while that requires for a lot more mining to take place, it is nothing compared to the amount required to meet today's demand for oil and coal.

Ultimately electrification will reduce the overall need for mining and drive the creation of new, sustainable processes. But for now, one factor that is slowing down electrification is the limited availability of raw materials.

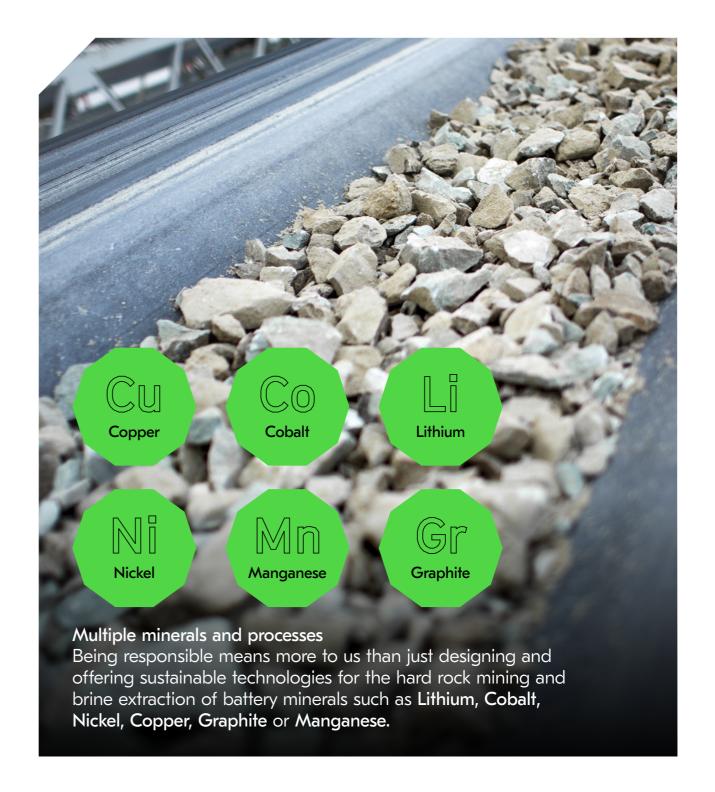
Our most important objectives in serving the battery minerals segment are to enable the industry to strive towards meeting the exponentially growing demand, and providing solutions that help customers do it sustainably and responsibly.

Part of being responsible is also about continuing to innovate solutions for efficient black mass recycling processes that will make sense in the long run, both in terms of business and the environment.

Estimates say that by 2040 demand for Lithium may grow by over

1,500%

Source: International Energy Agency

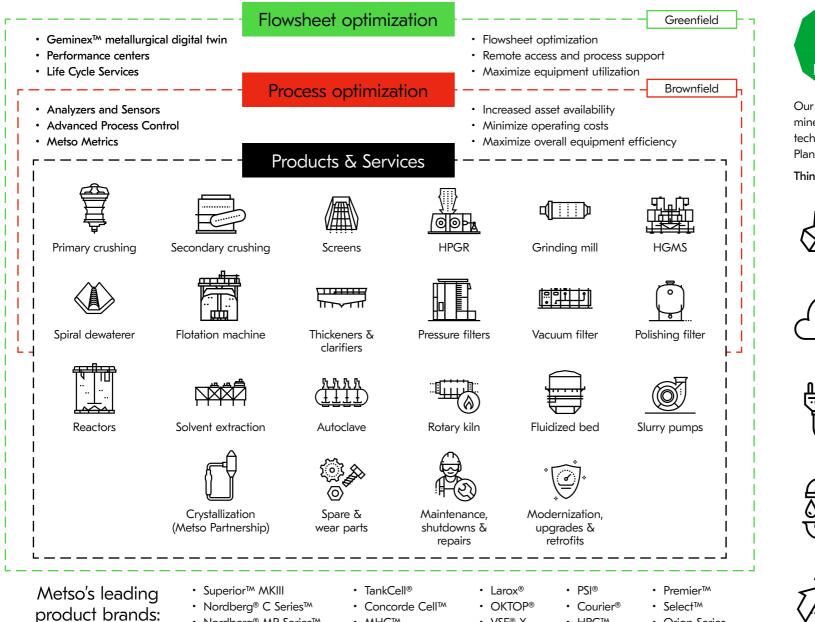








End-to-end solutions for Battery Minerals



MHCTM

VSF® X

HRCTM

· Orion Series

Nordberg® MP Series™



Our offering for the battery minerals segment consist of technologies meeting our Planet Positive criteria.

Things we can help with:



Efficiency / yield



CO emissions



Energy consumption

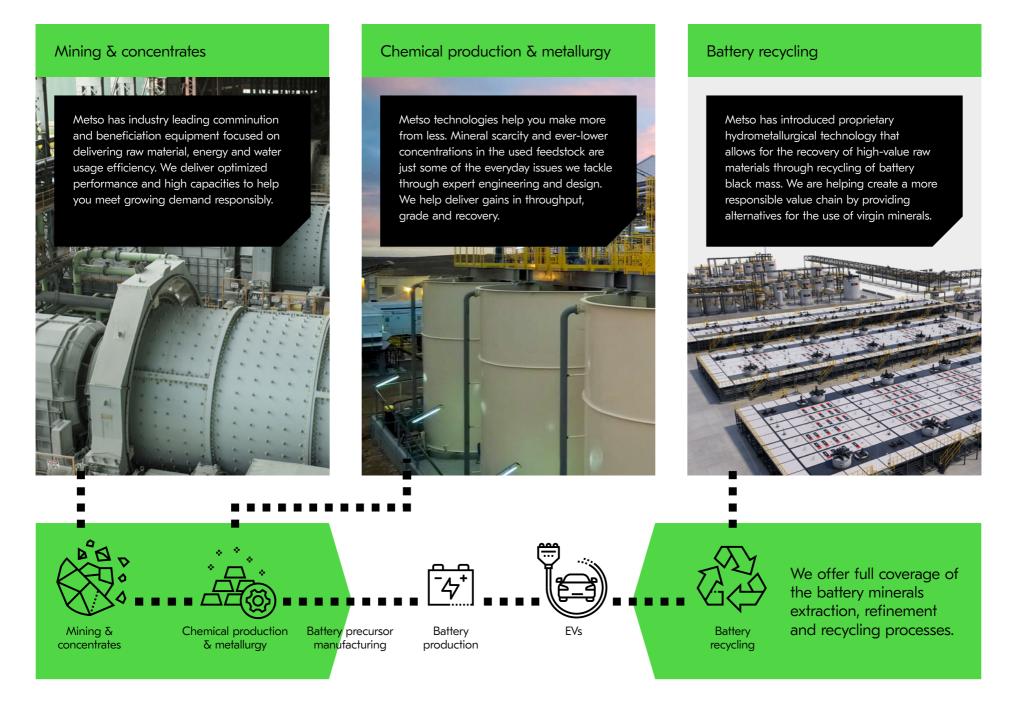


Fresh water consumption



Capture of reusable battery raw materials (recycling)

Unique position in the industry



Metso is a frontrunner in providing sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By helping our customers increase their productivity, improve their energy and water efficiency and environmental performance with our process and product expertise, we are the partner for positive change.

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