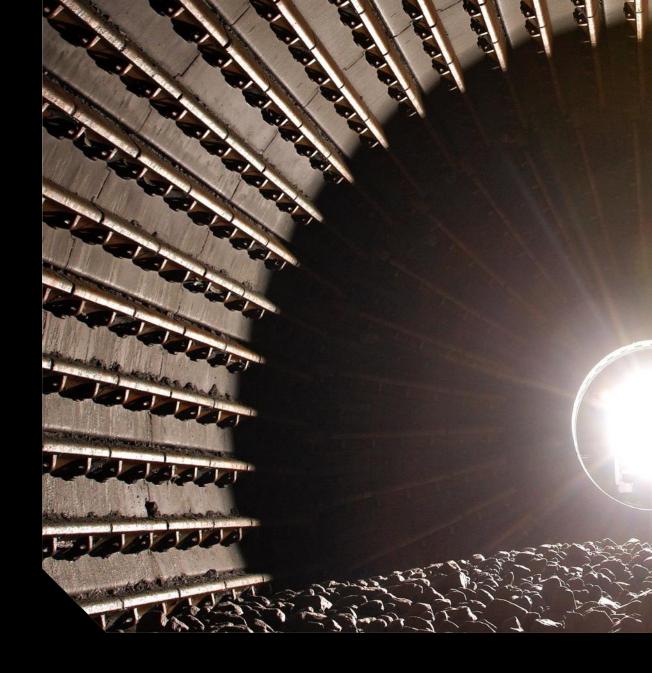
Metso:Outotec

Investor presentation

October 2022



Forward looking statements

It should be noted that certain statements herein which are not historical facts, including, without limitation, those regarding expectations for general economic development and the market situation, expectations for customer industry profitability and investment willingness, expectations for company growth, development and profitability and the realization of synergy benefits and cost savings, and statements preceded by "expects", "estimates", "forecasts" or similar expressions, are forward looking statements. These statements are based on current decisions and plans and currently known factors. They involve risks and uncertainties which may cause the actual results to materially differ from the results currently expected by the company.

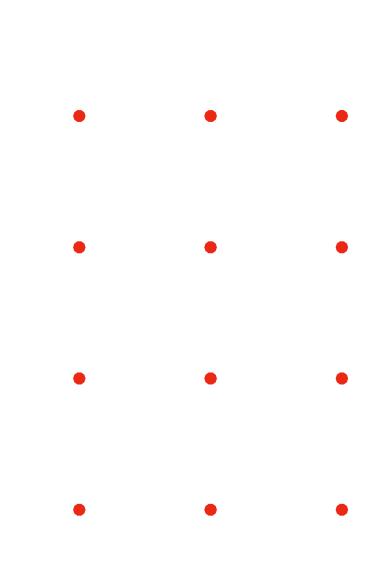
Such factors include, but are not limited to:

1) general economic conditions, including fluctuations in exchange rates and interest levels which influence the operating environment and profitability of customers and thereby the orders received by the company and their margins

2) the competitive situation, especially significant technological solutions developed by competitors

3) the company's own operating conditions, such as the success of production, product development and project management and their continuous development and improvement

4) the success of pending and future acquisitions and restructuring.



Metso Outotec – Enabling sustainable modern life

Megatrends

Urbanization Electrification Sustainability Resource scarcity

To be customers' number one choice for sustainable use of Earth's natural resources. Together we deliver

Brand promise

Vision



We are the partner for positive change

Top priorities

Financial performance Customer success Sustainability Performance culture





AGGREGATES | MINERALS | METALS | SERVICES | CONSUMABLES

Values

High ambition – always Customer in center



Getting it done – together



Open and honest

Enabling sustainable modern life



billion euro sales in 2021

4.2



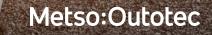
50+ countries we operate in

R S S **15,600+** employees





30 locations with R&D, testing or laboratory capabilities VISION: To be customers' number one choice for sustainable use of Earth's natural resources. Together we deliver service, reliability, innovation and results – safely.



Our businesses



Aggregates

Crushing and screening equipment for the production of aggregates



Minerals

Equipment, process islands, and plants for minerals processing and hydrometallurgical solutions for recovery of metals



Metals

Process technologies, solutions, and services for metal and chemical industries



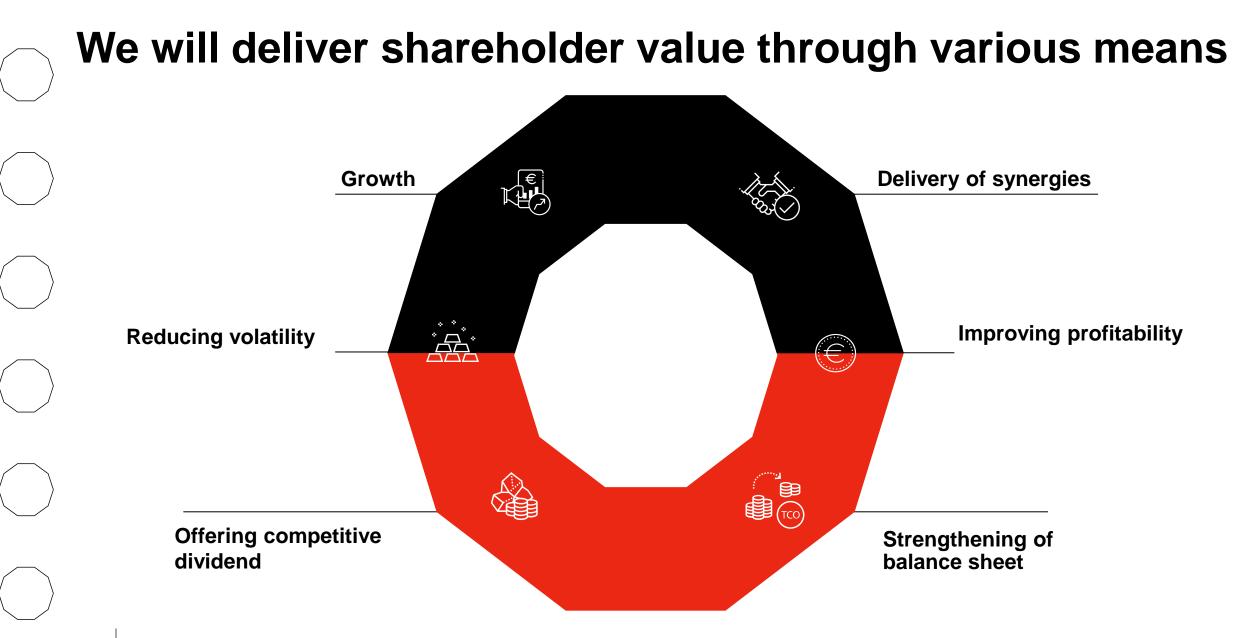
Services

Spare parts, refurbishments and professional services for mining and aggregates customers



Consumables

Comprehensive offering of wear parts for mining and aggregates processes



Metso Outotec investment highlights



Leading offering in aggregates and mining with full flowsheet

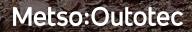
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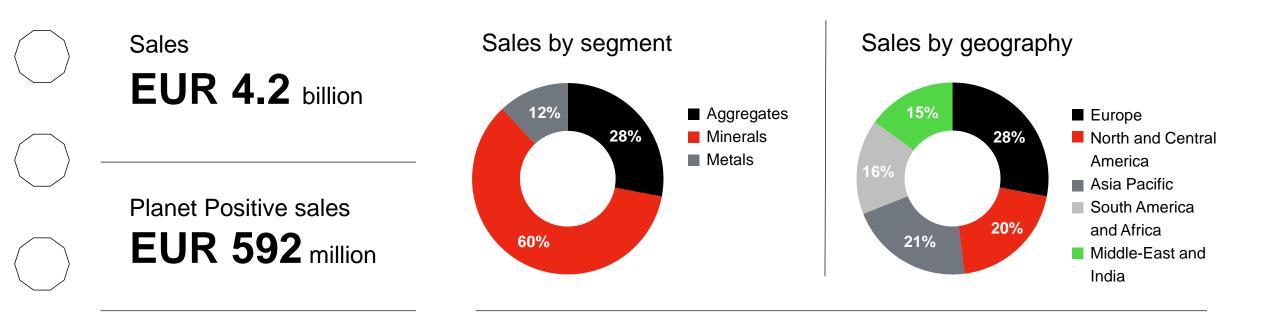
Industry leader in sustainability and technology Strong aftermarket presence & capability



Committed to further improvement of profitability

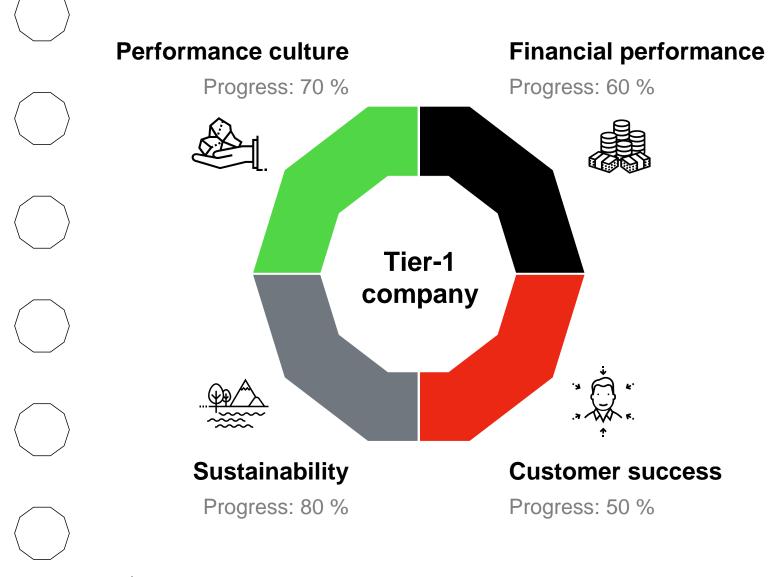


Metso Outotec key financials 2021



Services share of sales **43%**

Adjusted EBITA EUR 547 million / 12.9%

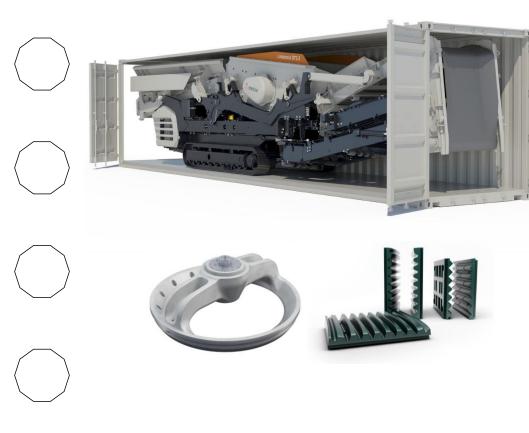


Strategy implementation via TOP Priorities

Meeting our financial targets



Emphasizing services and product development



Metso:Outotec



CONTINUOUSLY GROW SERVICES

 Reinforce presence in service-intensive businesses

• Profitability and stability over cycles

 Grow coverage of own installed base and grow beyond that



FOCUS ON PRODUCT DEVELOPMENT

- Building on our end-toend **process knowledge**
- Standardized and preengineered products
- Securing service business potential via design to service
- Reducing dependency on big projects

Broad range of sustainability initiatives

In the according to the

EQUIPMENT

Planet Positive products

Examples: Concorde Cell, Geminex and digital, hydro, battery chemicals, recycling offering

AFTERMARKET

- Recycling of consumables
- Significant increase of product
 lifetime

COLORED DA

Carbon-free products

CAPABILITIES

- Industry-leading metallurgical expertise
- Supply chain decarbonization

Digitalization drives growth and aftermarket captivity

Digital and automation technologies and capabilities Focusing on creating

Higher customer value

Enabling

Growth of equipment and aftermarket business

Customer segment specific offerings

Intelligent equipment Fleet management Process & operations optimization

Action taken in Metals & Recycling

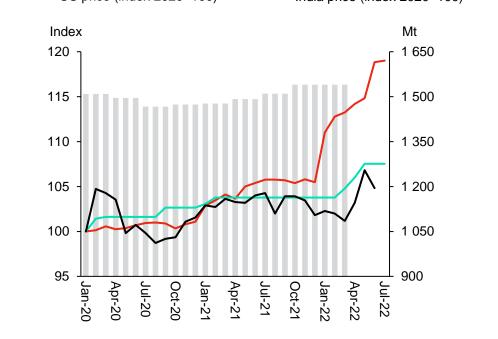
- Metals strategic review expected to complete in Q1/23
- Hydrometallurgy moved to Minerals
- Waste Recycling business divestment completed in Dec 2021
- Metals Recycling business divestment completed in June 2022



Aggregates market driven by the US

Crushed stone price and production

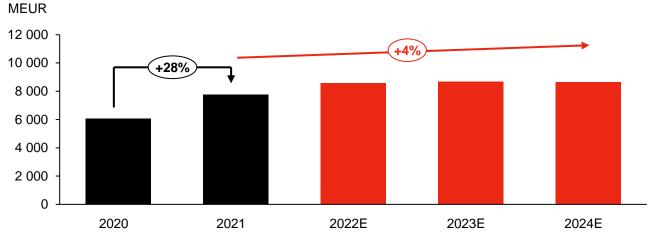
- US production 12m rolling (Mt)
 US price (index 2020=100)
- Japan price (index 2020=100)
 India price (index 2020=100)



Note: Construction sector covers construction of buildings and civil engineering works. Data presented measures volume changes over time. *India cement production figures are delayed.

Source: USGS, Thomson Reuters, OECD, Bloomberg; CitiVelocity. Updated 17.08.2022

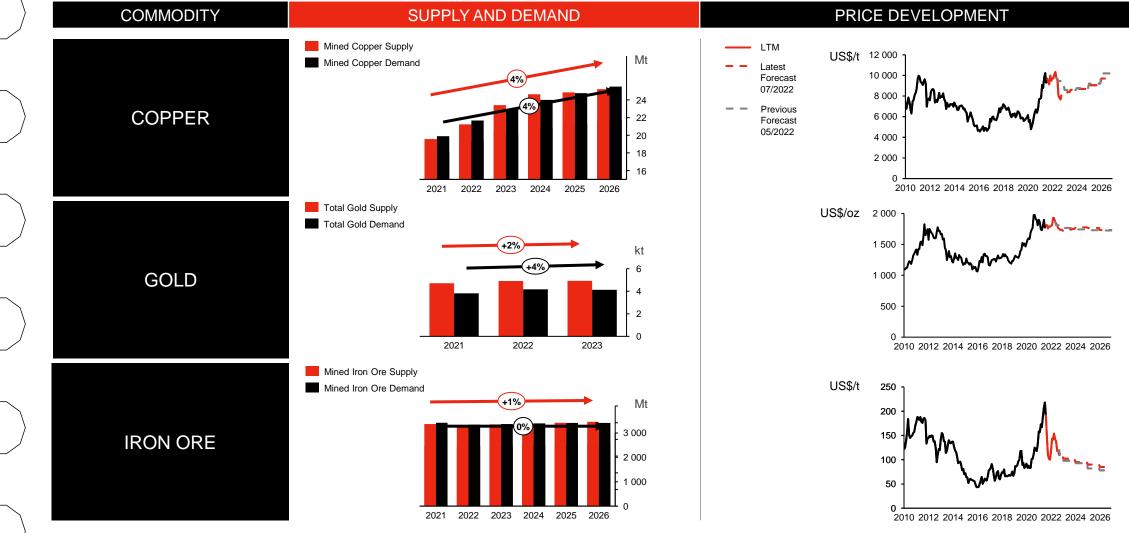
Aggregates capex expectations



* Analyst consensus sample consists of 8 of MO Key Accounts: CRH, HeidelbergCement, LafargeHolcom, Martin Marietta, Vulcan Materials, Vinci, Boral, Skanska

Source: Consensus Analysis, S&P Global, Companies' interim reports, CityVelocity Updated: 18.08.2022

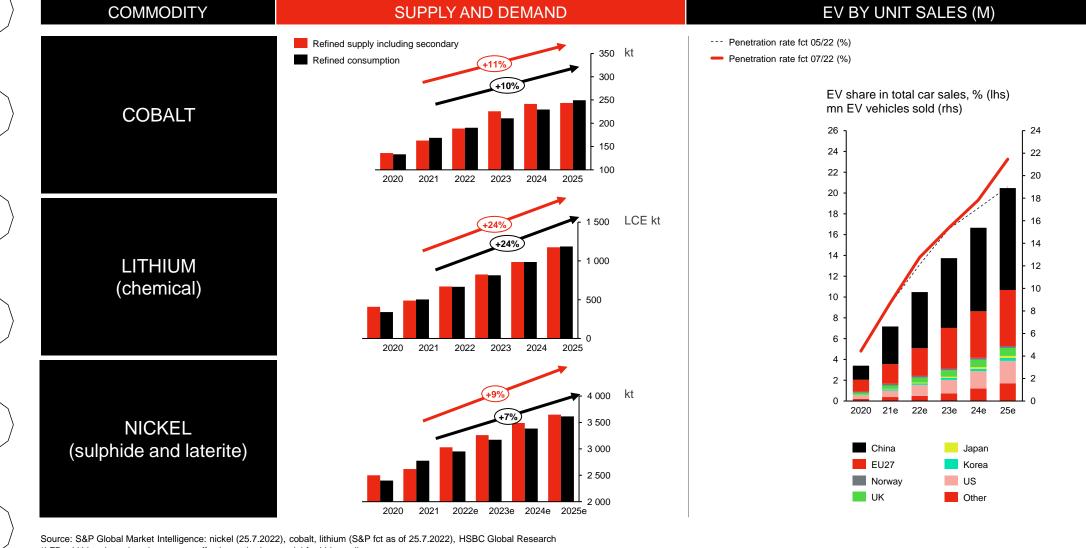
Market outlook for key commodities remains healthy



Source: S&P Global, HSBC Metals Quarterly, Investment banks price forecasts, Thomson Reuters Eikon datastream.

*Market balance equals total supply minus total demand. When the difference is positive it means there is a surplus in the market (demand-supply), if negative it means there is a deficit (demand>supply).

Demand forecast for battery metals remains robust



*LFP = Lithium iron phosphate – cost effective cathode material for Li-ion cells

*NMC = Nickel-manganese-cobalt

Focus areas for acquired growth

Products with high aftermarket intensity Sustainable offering

Automation & digitalization

Supply chain competitiveness

Metso:Outotec

113.18

Building an industry leader

Strong platform to grow and create value

Leading position in technology and sustainability

Business model reducing volatility

Self-help improving profitability

Metso:Outotec

THE

Sustainability, R&D and people

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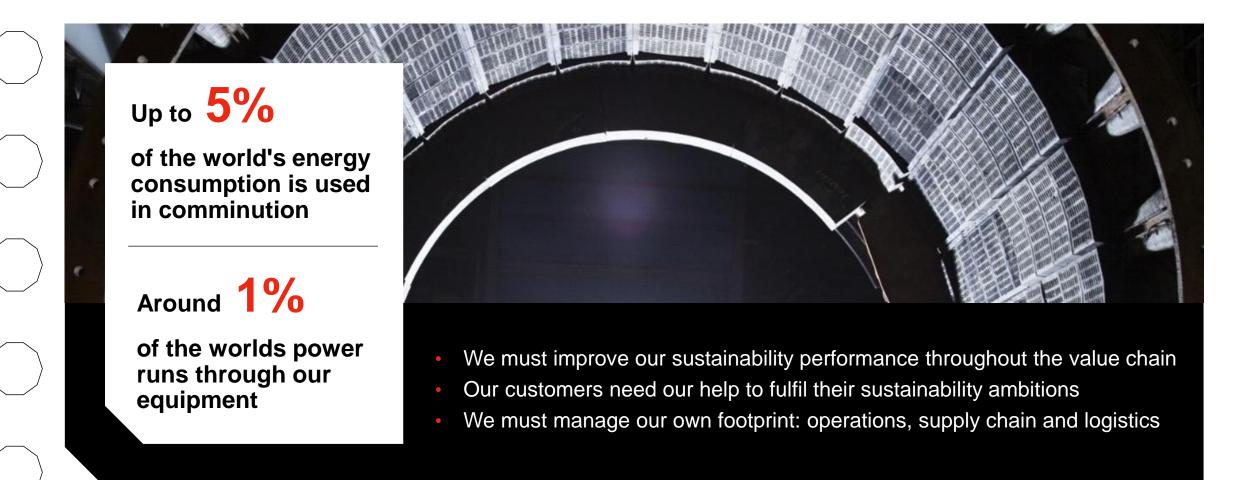
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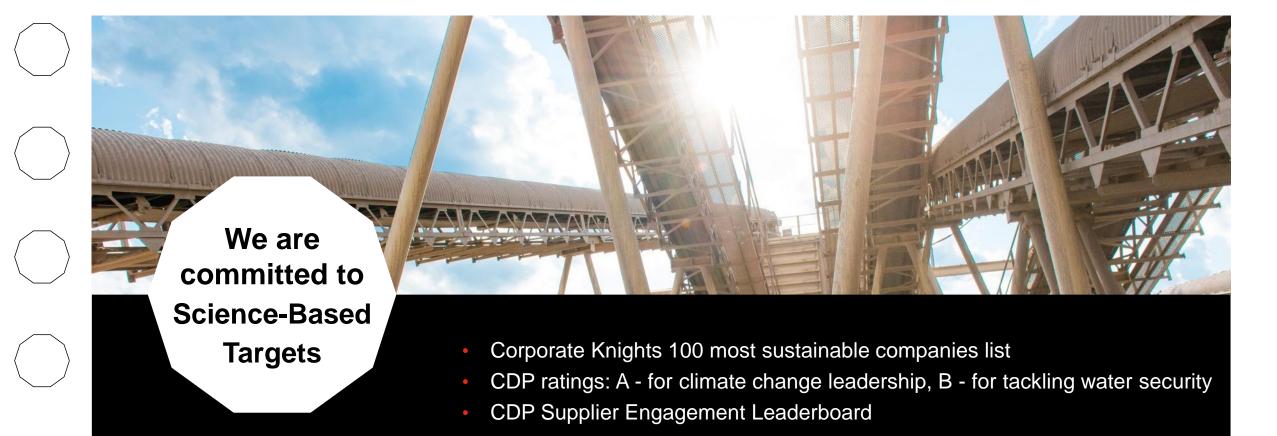
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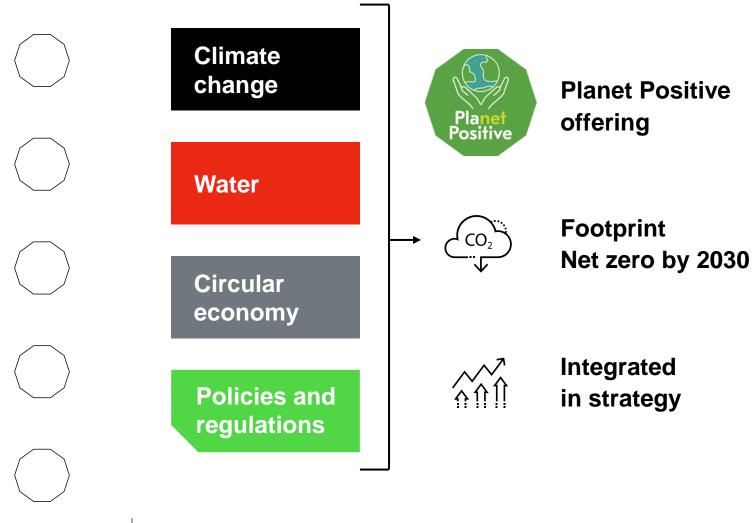
Mining industry and equipment suppliers play an important role in addressing the climate challenge



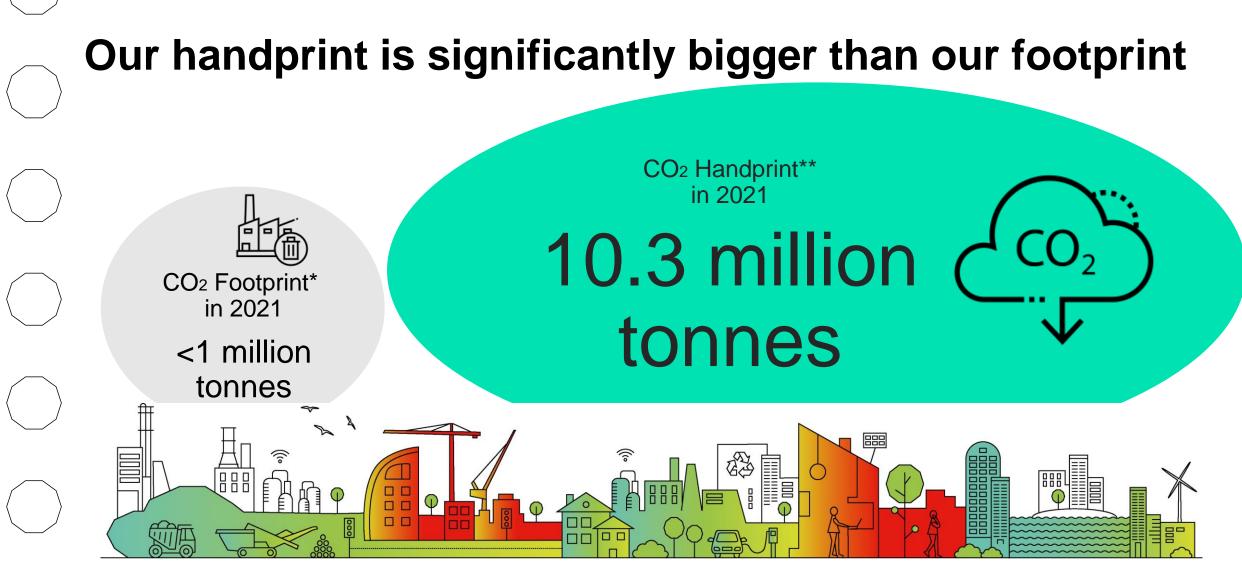
We have ambitious goals that target limiting global warming to 1.5 degrees



Helping our customers to solve their sustainability challenges







*Footprint = emissions generated in production, logistics, purchased goods and services as well as flights **Handprint = emissions avoided in customer operations across 17 metals refining and minerals processing technologies

Targeting a net-zero footprint

CO₂ emissions in own operations

by 2030*

-58% in 2021

Logistics CO₂ emissions -20% by 2025 *

-18% in 2021

Spend from suppliers with Science-Based emissions targets

30% by 2025

10.1% in 2021

* Baseline 2019. 2021 figures as published in the Half-year 2022 report

Making an environmental impact with our Planet Positive offering





Over 100 Planet Positive products

- Demonstrably better than the industry benchmark
- Several new products and portfolio refreshes
- Criteria and samples assessed by a third party.

Planet Positive is a competitive advantage

- Sales totaled EUR 857 million*
- Growing faster than overall sales
- 100% commitment to sustainable R&D

*Rolling 12 months as of the end of August 2022, including equipment and consumables



Customer benefits:

- Energy efficiency
- Carbon efficiency
- Optimized for using renewable energy
- Water efficiency
- Less pollution
- Reduced embedded carbon
- Electrified solutions

* Additionally, a Planet Positive product needs to be as good, or preferably better, than the industry benchmark product(s) in terms of health and safety, pollution, and biodiversity impact.

Examples of our Planet Positive solutions



Energyefficient modular In-pit crush and convey solutions



Energy efficient Horizontal Mill Plant units for optimized grinding circuit throughput



Concorde Cell[™] for recovering fine and ultra-fine particles with minimized energy and water consumption



Energy-efficient comminution circuits with HRCe[™] HPGRs and modular Stirred milling plants



MD series mill discharge pumps for enhanced sustainability



Larox[®] FFP3716 Filter for sustainable tailings filtration



Examples of our Planet Positive solutions

pare and wear parts, upgrades and modernizations



Truck body Lighter, more payload & less fuel per hauled ton



Optimized wear parts More efficient processes Long lasting wears Lower energy consumption Safer operations



Repairs Extending the lifetime of customer assets for reduced waste



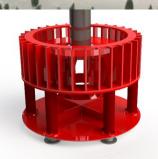
Unique BSE Screen Eliminates water consumption in the screening process



Recycling solutions for worn materials



Upgrades and modernizations e.g., FloatForce upgrade for lower energy consumption and improved wear life



Industry-leading service expertise with global network

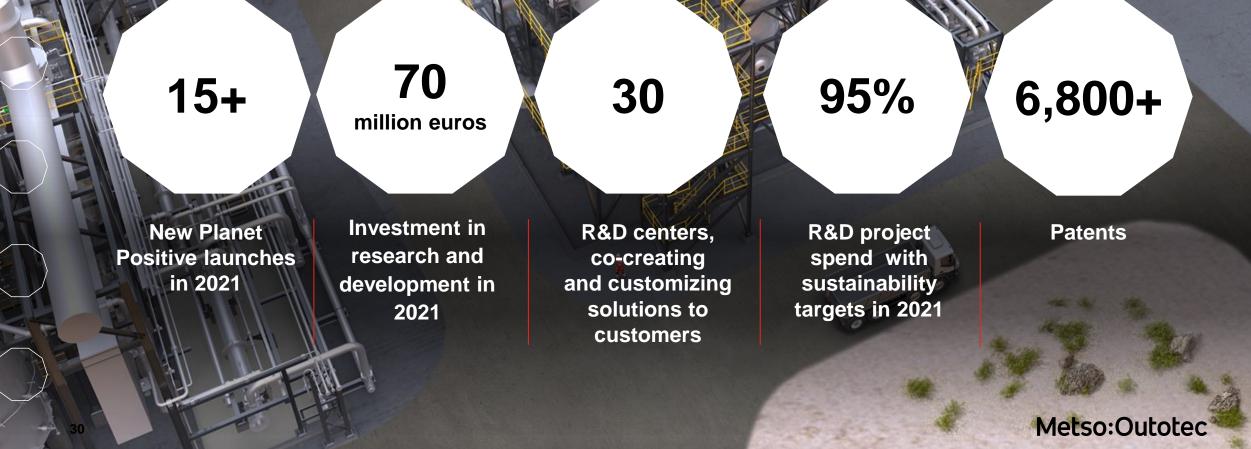
- Comprehensive service portfolio from spares and wears to advanced lifecycle services
- World-class team of experts
- Efficient service processes to enable our experts to get it right – fast
 Deep understanding of customer process, product design and technology
 Efficient logistic network in all main customer markets

~3,000 service experts

∼140 service locations

5 performance centers **6** own foundries and selected partner foundries **9** rubber and Poly-Met part factories

Strong innovation and R&D power



Uncompromised safety in offering and operations







Health and safety of people

- Safe and secure
 workplace
- Proactive attitude towards zero harm

Safe products and services

- Products designed for safety
- Safe and professional service teams

Safe and responsible supply chain

- Rigorous supplier screening
- Supplier code of conduct

LTIFR* (2021) **1.1** Long-term target **Zero harm**

TRIFR** (2021) **3.2** Long-term target **Zero harm**

Lost time injury frequency rate
 ** Total recordable injury frequency rate

Our industry leading diverse group of professionals

	Our largest countries People Chile 2,300	Our peop by geog i		Our people by employee category		
	Finland 2,300					
	Brazil 1,600					
\frown	India 1,200					
	United States 1,000		■ Europe		■ Blue collars	
	China 970		South Am	erica	Professionals	
	Australia 870		Asia-Paci	fic	Management	
	Sweden 660		North and	1		
\frown	Canada 530		Central A	merica		
	Mexico 530		Africa and MEI			
	15,000+ employees globally	Over 50 countries	94 nationalities	44/56% women/men in	18/82% women/men	
				executive team		

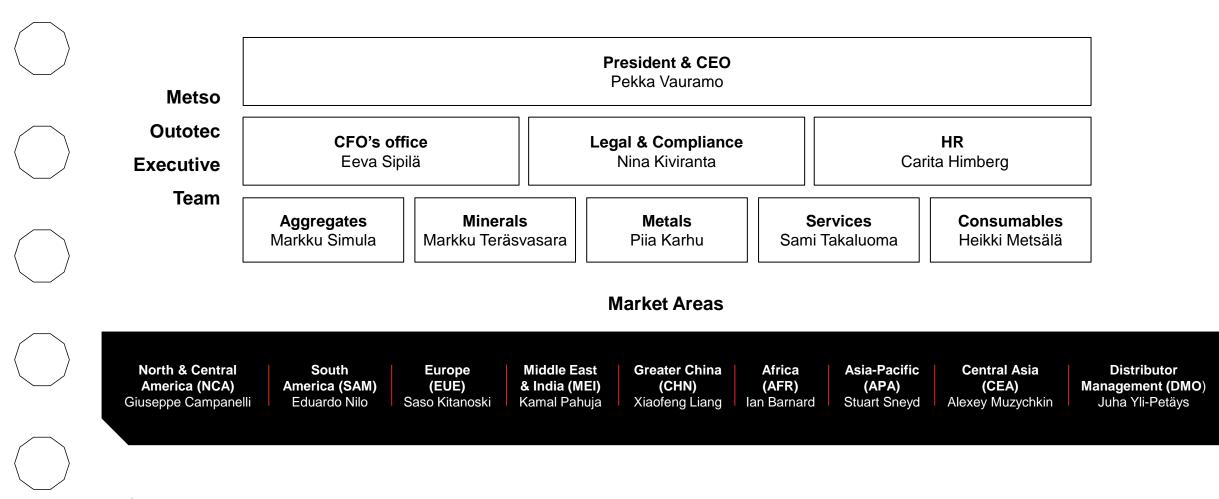
Diversity & inclusion is the basis of everything we do

- We are committed to developing a workplace where diversity and inclusion is embedded and celebrated in our culture.
- We believe that an inclusive environment where everyone can be their genuine selves makes our teams and our business stronger.



Metso Outotec leadership team

Extended Metso Outotec Executive Team



Our offering

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Aggregates to build modern societies

Supplying equipment and services for a diverse customer base



Going electric

Crushing is energy-intensive. We Innovate with our customers to provide products and solutions that are positive for our planet

Customer benefits

- Best cost, best availability, easyto-buy, and easy-to-own solutions
- Comprehensive range of brands and solutions
- Less noise and dust in urban environments
- Timely and reliable expert service and parts near customers
- Extensive distributor network



Our customers

Large international and smaller local companies in the aggregates industry

Driven by sustainability and digitalization

Crushers and screens

- Mobile and portable machines and plants
- Stationary crushing and screening plant systems

Spares and wears

 Spare and wear parts and upgrades



Professional services

- Installation, inspections, plant audit, maintenance, shutdowns, optimization
- Life cycle services and performance solutions

Our equipment is ~50% electric

- Stationary: fully electric
- Wheel mounted: fully electric
- Track mounted ~15%
 electric

Digital customer experience

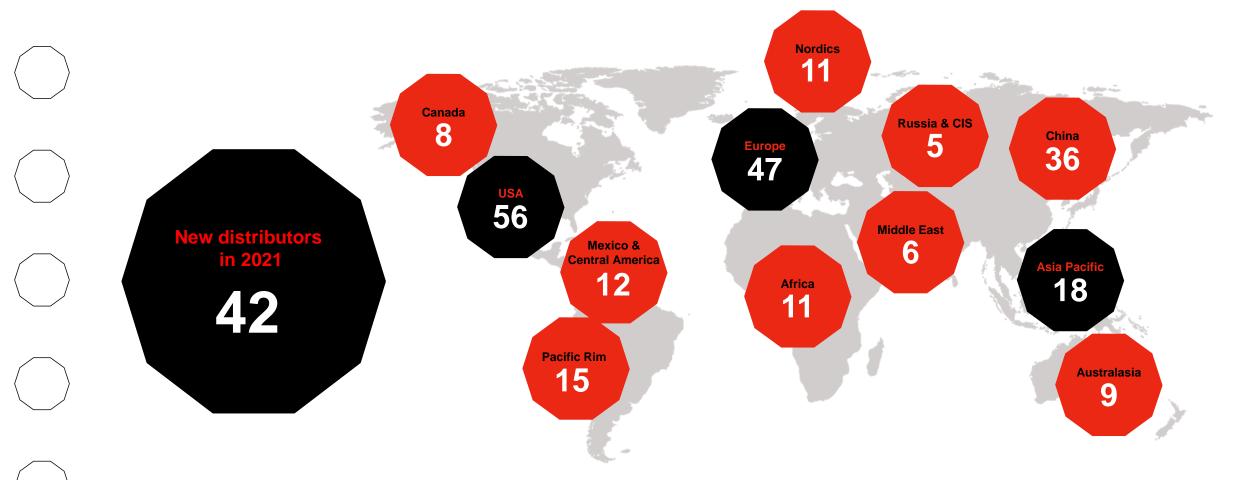
- Intelligent crushing
- Fleet management
- Remote control



Multi-brand: Serving our customers' different needs

\checkmark						
	Global brands		Aggregates recycling & demolition	Aggregates contractors	Quarries	OEM business
	Metso:Outotec	High performance crushing & screening solutions	Nordtrack	Lokotrack		
	MCCIOSICO V	Mobile crushing, screening & recycling				
	Regional brands		Aggregates recycling & demolition	Aggregates contractors	Quarries	
	TESAB	Mobile crushing, screening & material handling	-			
	LIPPMANN	Heavy duty crushing & screening			E.	
	JONSSON™	Heavy duty electric crushing & screening				
	PART OF METSO	Fit-for-purpose crushing & screening				
	38				Mets	o:Outotec

Customers benefit from a global network of over 200 distributors



Minerals processing

Focus on smarter and more sustainable mining processes

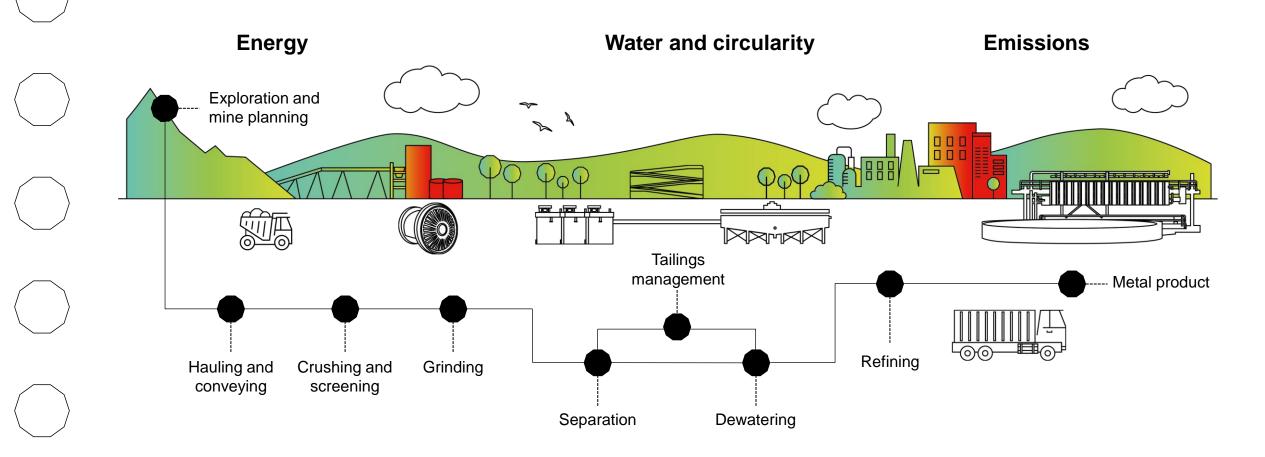


Our customers are focusing on:

Energy consumption

Water stewardship Agility through, for example, modularity New levels of reliability

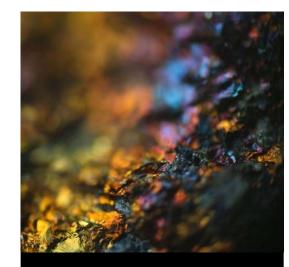
Presence in the whole ore to metals value chain



WE CREATE THE BIGGEST IMPACT THROUGH OUR CUSTOMERS

Capturing the value of ore, responsibly

Leading offering for mining and minerals processing



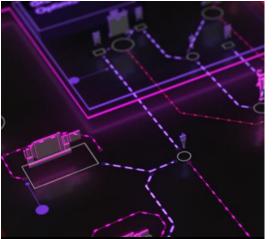
Solutions for virtually all ore types and process steps

covering comminution, sizing, concentration, dewatering, material and slurry handling and tailings management, and hydrometallurgical processing

Broad offering

ranging from pre-feasibility studies, engineering and process equipment to complete process islands and plants with related life cycle services





Digitalization at the core

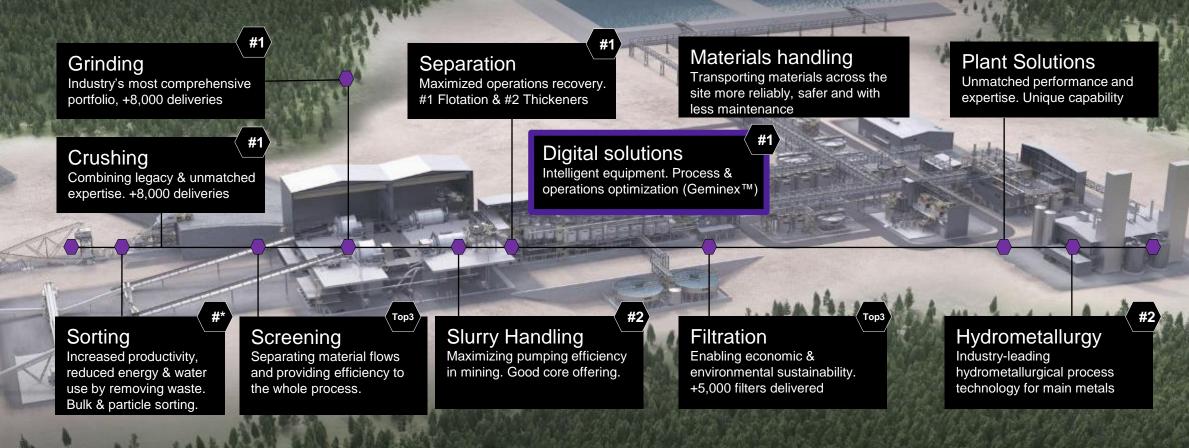
Geminex[™] metallurgical digital twin for flow sheet planning to manage variability and optimize resources, a wide automation offering complemented with connected services to deliver insight-driven performance

Driving sustainable flowsheets

An extensive range of Planet Positive products continuously complemented with new valueadding solutions



Unparalleled expertise and unique portfolio of sustainable and intelligent solutions Global leader with combined offering portfolio; fragmented competition



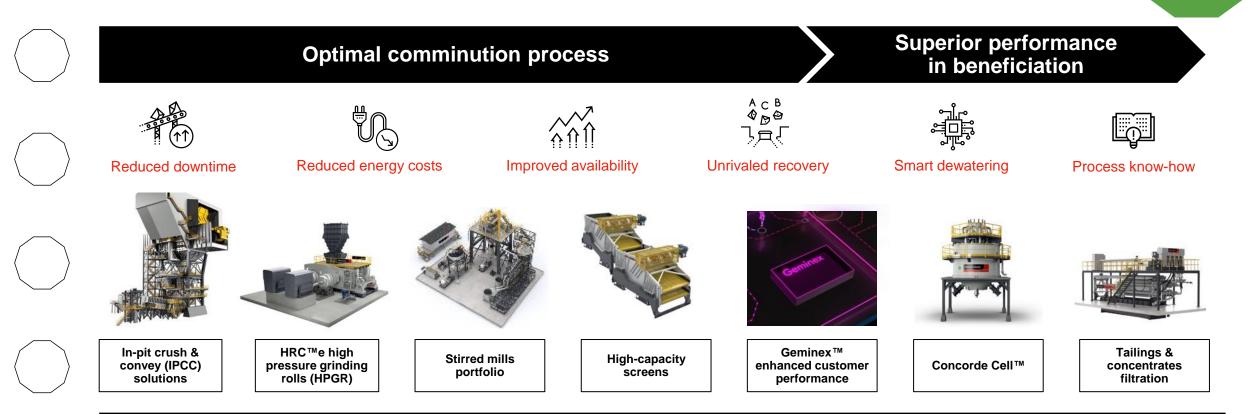
*Dominated by sensor suppliers, no OEM yet positioned as market leader

Metso:Outotec

Positive

Innovation leader across the entire mining value chain

Equipment and process performance with intelligent Planet Positive solutions



Life Cycle Services, upgrades & modernizations, remote monitoring, predictive maintenance

Metso:Outotec

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Advanced solutions from ore or concentrate to metal Metso Outotec for metals



Global leader in process technologies for metal and chemical industries for pyrometallurgy, agglomeration and sulphuric acid applications

Unique portfolio with best-inclass technology and expertise throughout the asset lifecycle, driven by proprietary IP and strong innovation track-record supporting customers' sustainability targets Leading solutions for decreasing customers' CO_2 emissions, e.g.

- Copper Flash Smelting[™]
- Alumina calcination
- FeCr smelting

R&D focus on carbon-free production with innovative modular plants & digital solutions.

Leading process technology for metals producers

Plants, equipment, and services



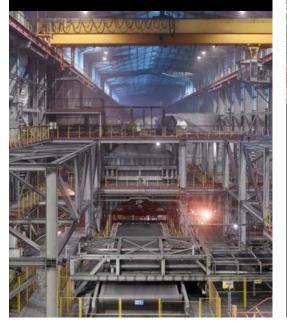
Pyrometallurgy

Process solutions for

- Smelting
- Calcining
- Roasting
- Direct reduction

Agglomeration

- Process solutions for
- Pelletizing
- Sintering





Sulphuric acid

- Process solutions for
- Metallurgical acid plants
- Sulphur burning plants
- Gas cleaning

Industries served

- Base metals
- Iron & steel
- Precious metals
- Light metals
- Fertilizers



Strong portfolio of metals processing technologies



Iron ore agglomeration >400 Sinter plants and >140 Pellet plants in travelling grate and grate Kiln technology supplied, including the world's biggest ones



Light metals >70 Alumina Calcination and Tube Digestion plants delivered

Acid plant process >650 completed acid plant deliveries

- High-efficiency gas cleaning solutions
- Largest Metallurgical Acid plant: 4,500 tpd (1.5 Mtpa)
- plant. 4,500 tpu (1.5 Mipa)
- Largest Sulfur Burning plant: 5,000 tpd (1.7 Mtpa)





Smelting technologies Operated by world's largest copper, nickel and ferro-chrome operations and widely used in various secondary smelters • >60% of global

- pyrometallurgical copper and nickel are produced with these technologies
- ~60% of global ferrochrome is produced with this technology
- 100 anode casting shops

Calcining >1,500 Rotary Kiln Installations for Minerals and Metals Calcining & Roasting



Fluid Bed >300 Fluid Bed Roasting installation incl. the largest partial Roasting plant



Life Cycle Services - unique maintenance and optimization capabilities and process expertise



Long-term solutions to help our customers exceed their performance targets through partnership agreements

Common objectives:





Highest safety, lowest environmental footprint



production

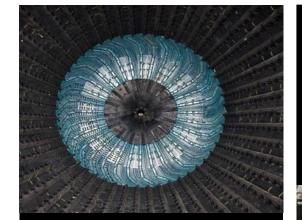
Higher

availability



Lower operating costs

Our service solutions improve customers' equipment and process efficiency sustainably



- Process optimization and connected services
- Improved customer experience with digital solutions

- Spare and wear parts built to perform
- Modernizations, upgrades and retrofits



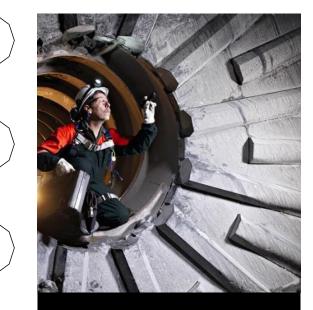
Life Cycle Services

- Repair services
- Maintenance and shutdowns
- Training services

• We produce solutions for the entire market, not just for the Metso Outotec installed base



Optimal wear solutions for the entire value chain



Mill lining solutions

More than 60 years of pioneering developments in mill lining – metallic, rubber and Poly-Met.

Crusher wear parts

Designed to the same specifications and exacting standards as our crushing equipment, ensuring equipment compatibility for reliable and safe operation.





Screening solutions

With solutions that range from rubber and polyurethane to classic wire, Metso Outotec offers media designed to optimize your screening process.

Loading and hauling

Wide range of wear linings covering chute, conveyor and loading and hauling solutions designed to optimize safety, productivity and profit.



Not all spare parts are created equal



Crushing

Wide-ranging parts offering for gyratory, cone and jaw crushers, to mobile and portable plants, to select non-Metso Outotec crushers.

Screening

Metso Outotec screen and feeder parts boast a strong design to suit tough operating conditions.





Grinding

A proven history of designing, manufacturing, and servicing grinding mills and components.

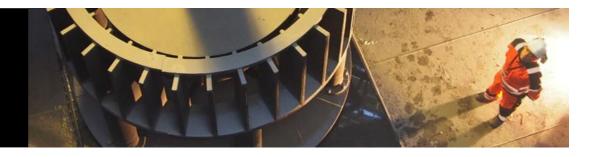


Filtration

Readily available parts, enabling optimal performance, increased uptime, higher reliability, lower maintenance costs, and better personnel protection.

Engineered upgrades

Upgrades and modernizations bring multiple benefits across the flowsheet such as higher productivity, improved safety and sustainability improvements.



· · · Q3/2022 Results

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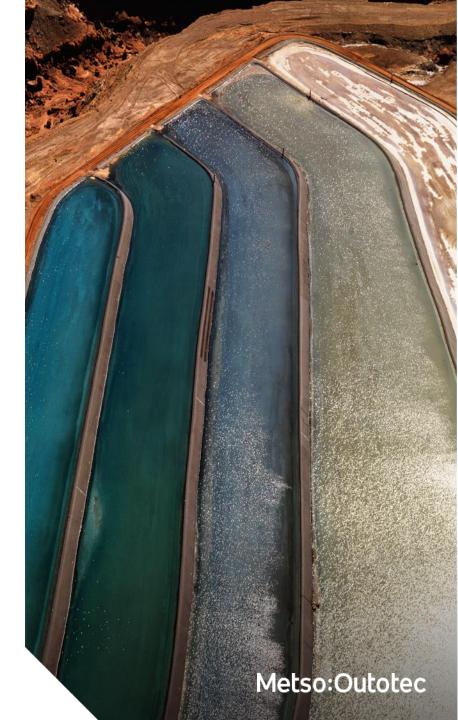
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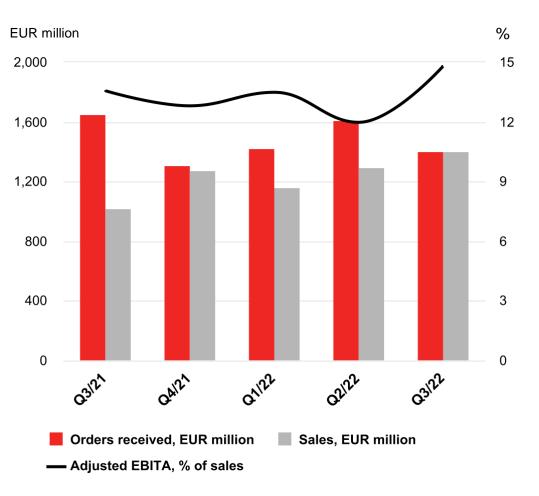




Group key figures

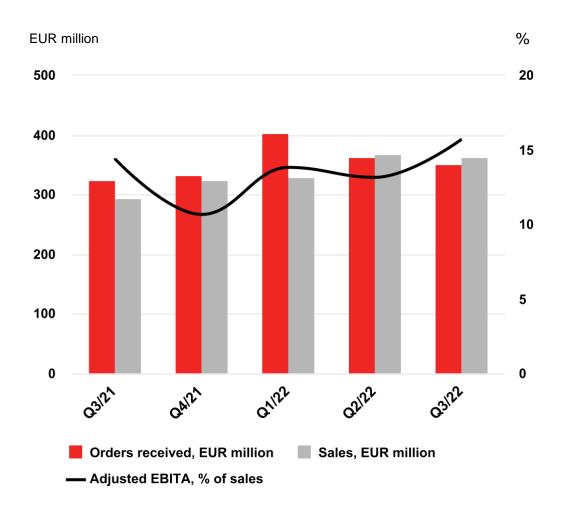
EUR million	Q3/2022	Q3/2021	Change %
Orders received*	1,401	1,649	-15
Sales	1,402	1,023	37
Adjusted EBITA	207	139	49
% of sales	14.8	13.6	-
Operating profit	192	107	80
% of sales	13.7	10.5	_
Earnings per share, continuing operations, EUR	0.16	0.09	78
Cash flow from operations	21	172	-88

*The comparable order intake, adjusted for the one large order in Q3/21 and the winddown of the business in Russia, increased 27% year-on-year.



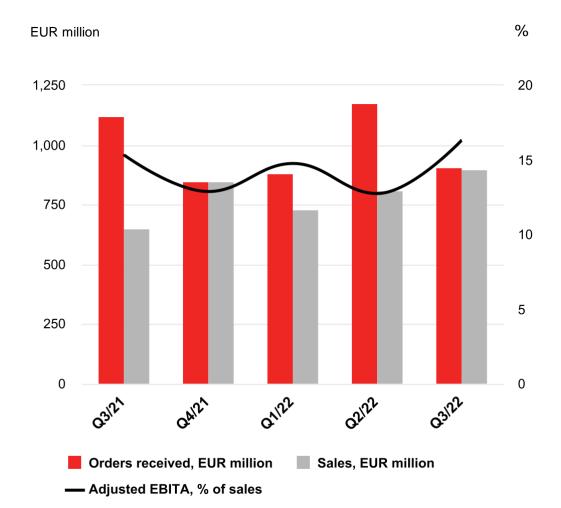
Aggregates segment quarterly highlights

- Orders received EUR 351 million (EUR 325 million)
 - Strong activity in North America
 - Equipment +8%, services +8%
- Sales EUR 362 million (EUR 293 million)
 - Strong execution of the backlog
 - Services share 33% (37%)
 - Adjusted EBITA EUR 57 million (EUR 42 million)
 - Margin of 15.7% (14.4%)
 - Successful price and cost management



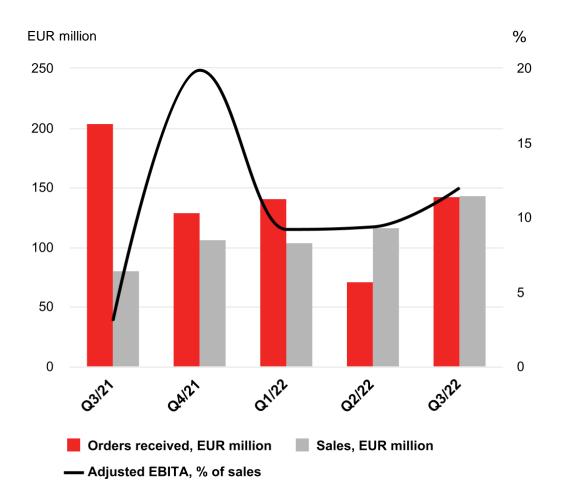
Minerals segment quarterly highlights

- Orders EUR 907 million (EUR 1,121 million)
 - Solid market activity
 - Comparable equipment orders +14% (adjusted for one large order and Russia)
 - Services orders +26%
- Sales EUR 896 million (EUR 650 million)
 - Equipment +36%
 - Services +39%
 - Services share 62% (62%)
- Adjusted EBITA EUR 146 million (EUR 99 million)
 - Margin of 16.3% (15.3%)
 - Supported by synergy and volume execution
 - Successful mitigation of increased input costs



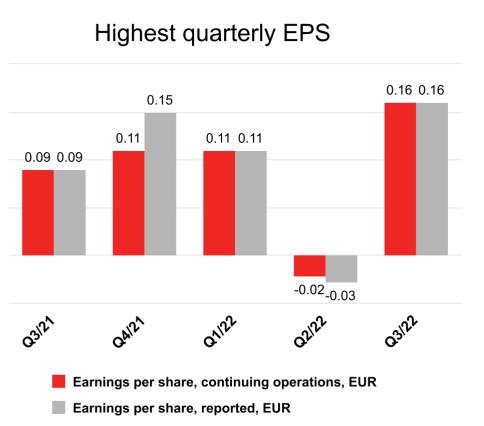
Metals segment quarterly highlights

- Orders received EUR 143 million (EUR 204 million)
 - Comparable order intake more than doubled (adjusted for one large order)
- Sales EUR 144 million (EUR 81 million)
 - Increased deliveries from backlog
 - Services share 14% (12%)
- Adjusted EBITA EUR 17 million (EUR 2 million)
 - Adjusted EBITA margin 11.9% (3.1%)
 - Volume growth and better cost position



Income Statement

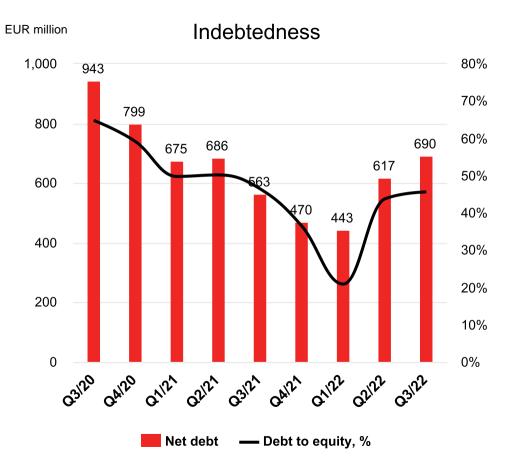
EUR million	Q3/2022	Q3/2021	Q1-Q3/2022	Q1-Q3/2021	2021
Sales	1,402	1,023	3,861	2,958	4,236
Adj. EBITA	207	139	519	384	547
Adj. EBITA, %	14.8	13.6	13.4	13.0	12.9
Operating profit*	192	107	319	295	425
Operating profit, %	13.7	10.5	8.3	10.0	10.0
Net financial expenses	-16	-8	-47	-26	-39
Profit before taxes	177	99	272	269	385
ncome taxes	-47	-26	-74	-70	-92
Profit for the period, continuing operations	130	73	198	200	294
Earnings per share, continuing operations, EUR	0.16	0.09	0.24	0.24	0.35
Profit for the period	131	76	195	222	342



*Q2/2022 including EUR 150 million non-recurring charge related to the wind down of the business in Russia.

Balance Sheet

EUR million	Sep 30, 2022	Sep 30, 2021	Dec 31, 2021
Intangible assets	2,004	2,013	2,002
Total property, plant and equipment	410	366	373
Right-of-use assets	118	131	127
Other non-current assets	301	248	234
Inventories	1,887	1,236	1,269
Receivables (trade and other)	1,625	1,119	1,285
Liquid funds	467	550	473
Assets held for sale	13	141	65
TOTAL ASSETS	6,826	5,805	5,830
Total equity	2,290	2,122	2,251
Interest-bearing liabilities	1,166	1,122	952
Non-interest-bearing liabilities	3,370	2,438	2,592
Liabilities held for sale	1	123	35
TOTAL EQUITY AND LIABILITIES	6,826	5,805	5,830



Cash flow affected by increase in working capital

\frown	EUR million	Q3/2022	Q3/2021	Q1-Q3/2022	Q1-Q3/2021	2021	EUR million	Casl	n flow	from oi	peratio	ns
	Profit for the period	131	76	195	222	342	200					
	Adjustments:							172	164			
\frown	Depreciation and amortization	39	41	116	124	167	150					
	Financial expenses, net	16	8	47	26	39	100 —					
\frown	Income taxes	47	27	73	70	92				74		
\checkmark	Other items	6	13	20	0	-2	50 —					21
\frown	Total adjustments	108	89	256	220	297	0 —				15	
\checkmark	Change in net working capital	-217	6	-341	2	-31	(23121	04/21	01/22	02/22	03122
\frown	Net cash flow from operating activities before financial \items and taxes	21	172	110	444	608						

Financial position

- New two-year EUR 100 million term loan agreement
- Average interest rate of total loans and derivatives 1.37%
- Ratings:
 - S&P (February 2022): 'BBB-' long-term rating with revised outlook to positive
 - Moody's (April 2021): 'Baa2' long-term rating with stable outlook

EUR million	Sep 30, 2022	Sep 30, 2021	Dec 31, 2021
Liquid funds	467	550	473
Net debt	690	563	470
Gearing, %	30.1	26.5	20.9
Equity-to-assets ratio, %	37.6	40.6	43.2
Debt to capital, %	31.3	31.7	26.7
Equity/share, EUR	2.77	2.56	2.72





Review of the Metals businesses expected to complete in Q1/23



Market active for small M&A

 Global Physical Asset Management acquired in September



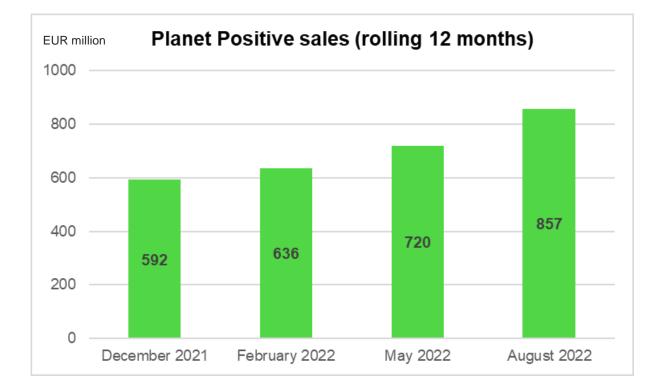
Sustainability highlights in Q3/22

Planet Positive launches during the quarter included:

- Next generation OKTOP® CIL Reactor for gold leaching and recovery
- NextGen Pelletizing[™] concept supporting transition to green steel

Recycling service of worn-out mill liners introduced:

- Reduces CO₂ emissions and improves environmental efficiency
- The first partnership announced with Boliden's Kevitsa site in Finland



Strong growth in Planet Positive sales

Supplier sustainability engagement progressing ahead of target

Several footprint actions completed

Metso:Outotec Metso:Outotec

Market Outlook

Market activity is expected to remain at the current level, with the mining market remaining strong and the aggregates market declining due to the expected softening of the European market.

According to its disclosure policy, Metso Outotec's market outlook describes the expected sequential development of market activity during the following six-month period using three categories: improve, remain at the current level, or decline.



Metso:Outotec

Partner for positive change



