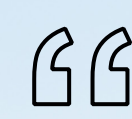


# Metso

## Your #1 service partner from pit to port

Our parts and services offering includes everything you need to hit your production and sustainability targets.



I need a supplier who is as dedicated to our sustainability commitment as we are."

Ubirajara Ramos  
Mechanical Engineer



### SUSTAINABLE OPERATIONS

THIS IS WHAT MAKES OUR PARTS AND SERVICES THE MOST SUSTAINABLE CHOICE

#### RAW MATERIALS

**-33%** landfill waste\*  
**-31%** water\*

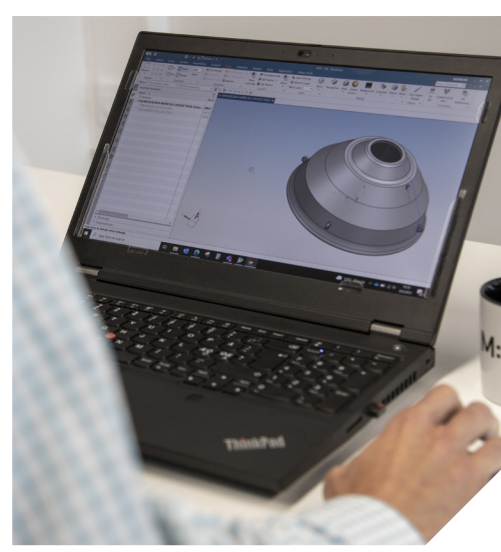
**Responsible** procurement

DID YOU KNOW?

**172** supplier sustainability audits in 2023

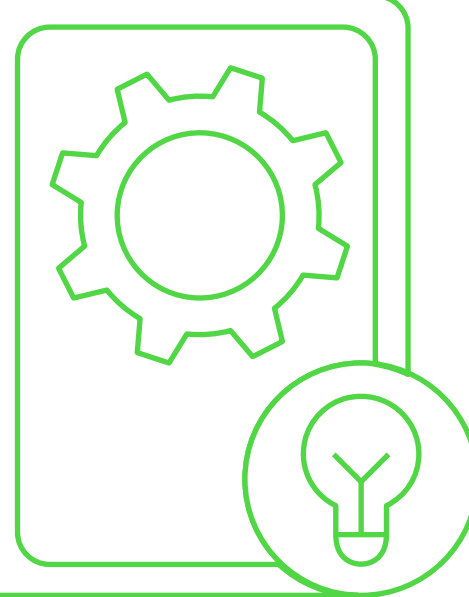


#### DESIGN/PARTS SELECTION

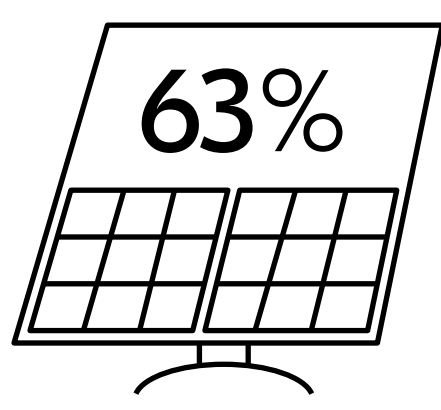


**Parts designed for:**

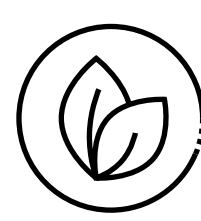
- Long life
- Minimum wastage
- Energy-efficient operation
- Safe maintenance



#### MANUFACTURING

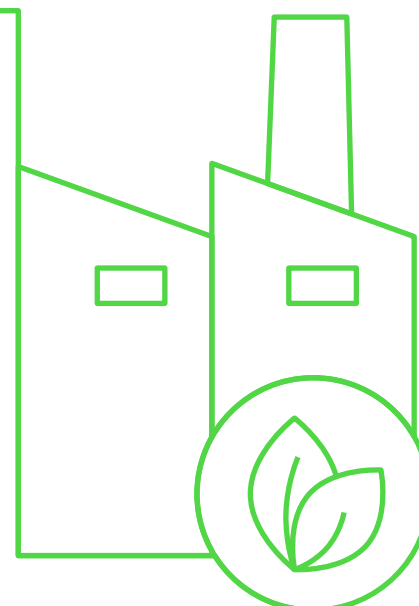


**63%** of our own manufacturing units have solar panels (own electricity up ~400%\*)



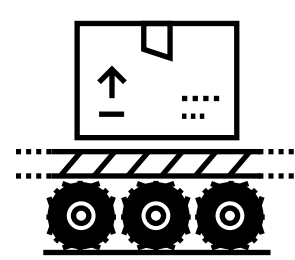
**98%** renewable electricity used in our own parts manufacturing

- In-house clean energy production
- Energy-efficient actions
- Use of recycled materials
- No harmful HA-oil in our rubber
- Safe work conditions



#### LOGISTICS

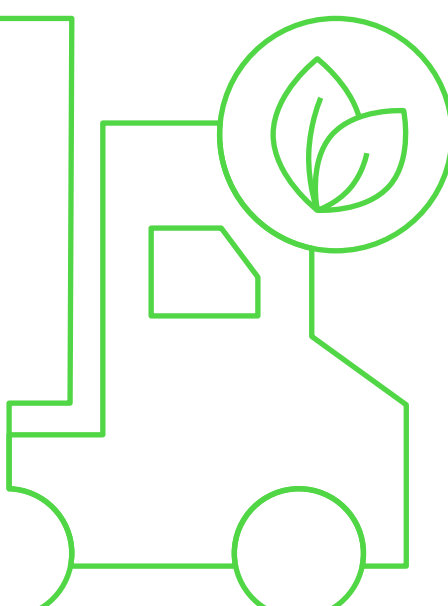
**15** own manufacturing units close to customers and 15+ external factories



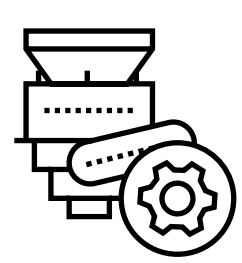
Optimized transportation routes

**19** strategically located distribution centers

Long-lasting parts (less transportation)



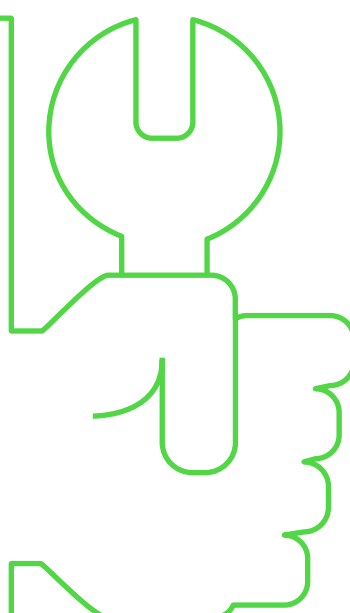
#### INSTALLATION/REPLACEMENT



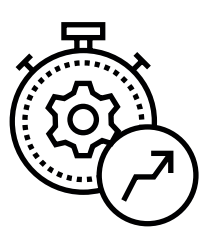
**Safer operations**

- Optimized parts = fewer/shorter maintenance stops
- Shutdown optimization services
- Unique lifting tools and maintenance platforms
- Patented liner attachment systems
- Digital solutions

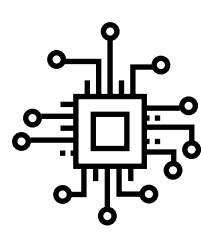
**120+** upgrades available for old equipment



#### DURING USE

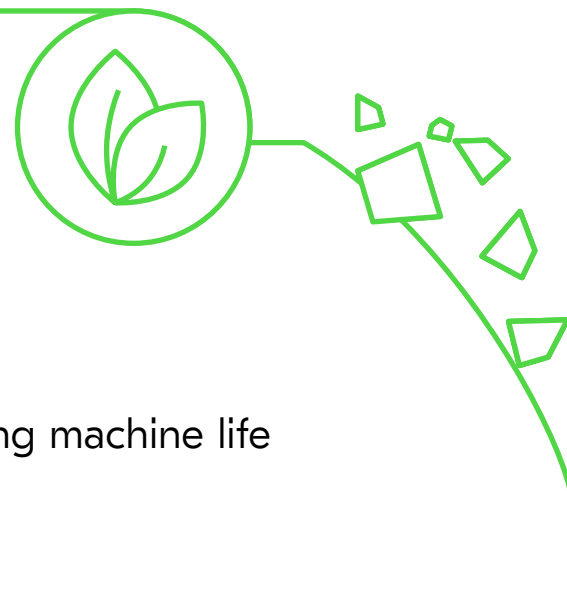


**Long-lasting** reliable parts



**Online** monitoring, digital inspections

- Parts, shutdown and process optimization
- Repairs and upgrades optimize performance and prolong machine life
- Solutions for reduced noise and vibrations
- Fire-retardant products



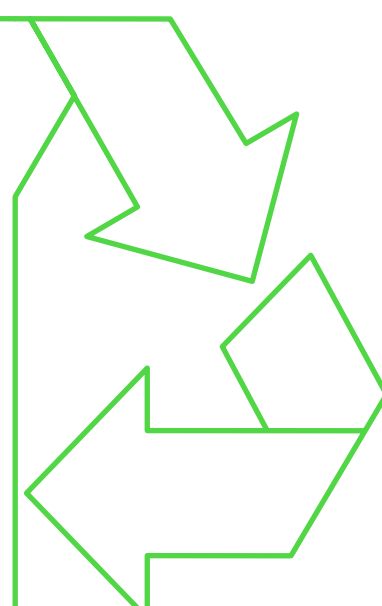
#### RECYCLING



**120+** contracts with scrap-return programs



**Unique methods** developed for recycling and reusing worn parts

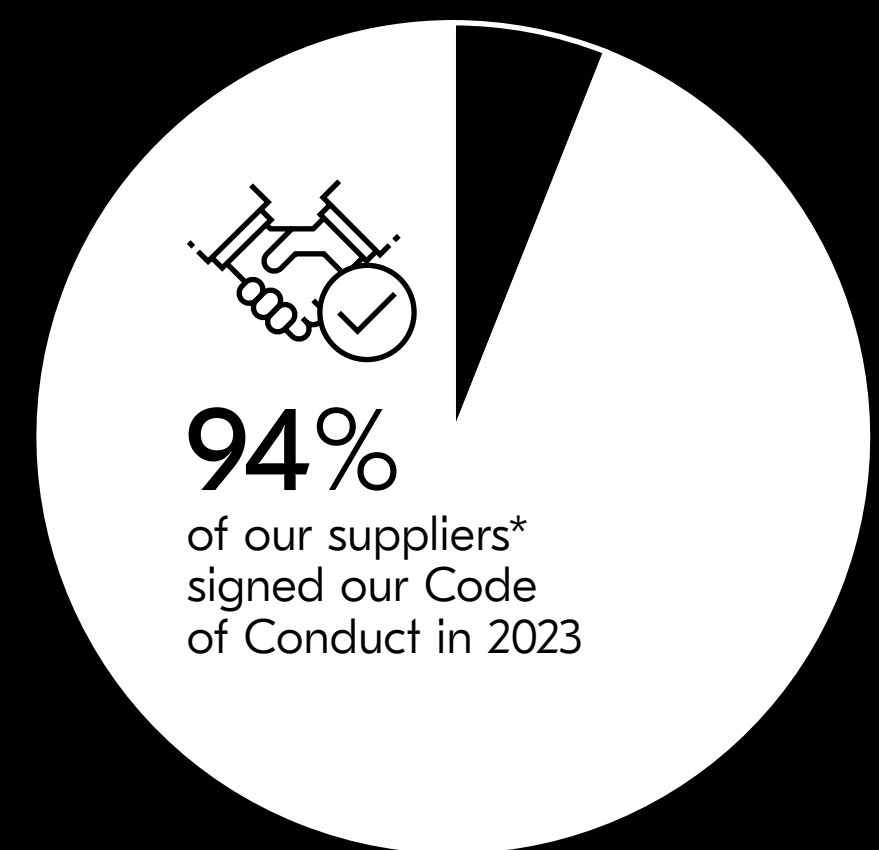
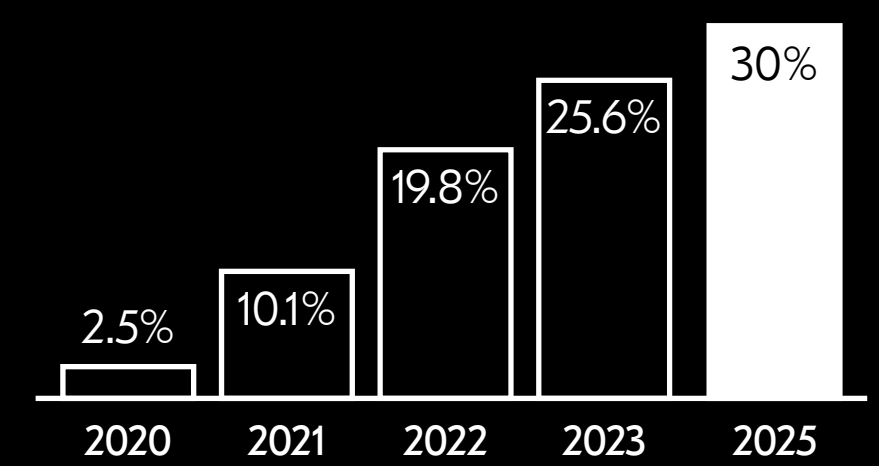


(\*) 2023 vs. 2021

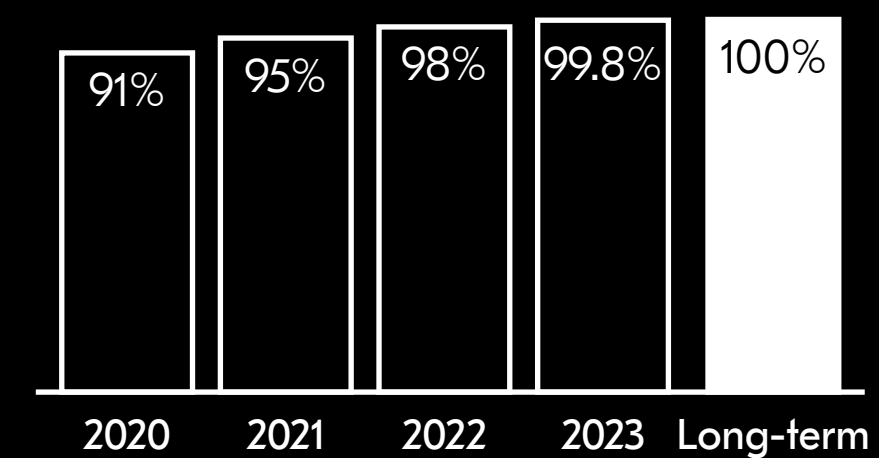
## SUSTAINABILITY AMBITION

Metso

Suppliers\* with science-based emission targets



RTD projects with sustainability targets\*



Lost-time injury frequency rate from **1.2** (2023) to **Zero** (long-term)

**-20%** CO<sub>2</sub> emissions from logistics by 2025\*\* (-7% 2023)

(\*) in terms of spend  
(\*\*) compared to 2019



**140+** Planet Positive products

**-73%** CO<sub>2</sub> emissions in our own operations (achieved)\*\*

**Net zero** emissions from own operations by 2030

Committed to limiting global warming to

**1.5°**

