

21.1.2025

ABB Robotics – Circular Economy

ABB Robotics

Peter Taipale / Area Sales Manager





ABB Robotics and Discrete Automation

Benefiting society with technology that matters



Fully decentralized business model with 20 divisions

BUSINESS AREA

DIVISION

Electrification



Distribution Solutions

Smart Power

Smart Buildings

Installation Products

Power Conversion¹

E-mobility²

Service

Motion



IEC LV Motors

Large Motors & Generators

NEMA Motors

Drive Products

System Drives

Motion Services

Traction

Process Automation



Energy Industries

Process Industries

Marine & Ports

Measurement & Analytics

Robotics & Discrete Automation

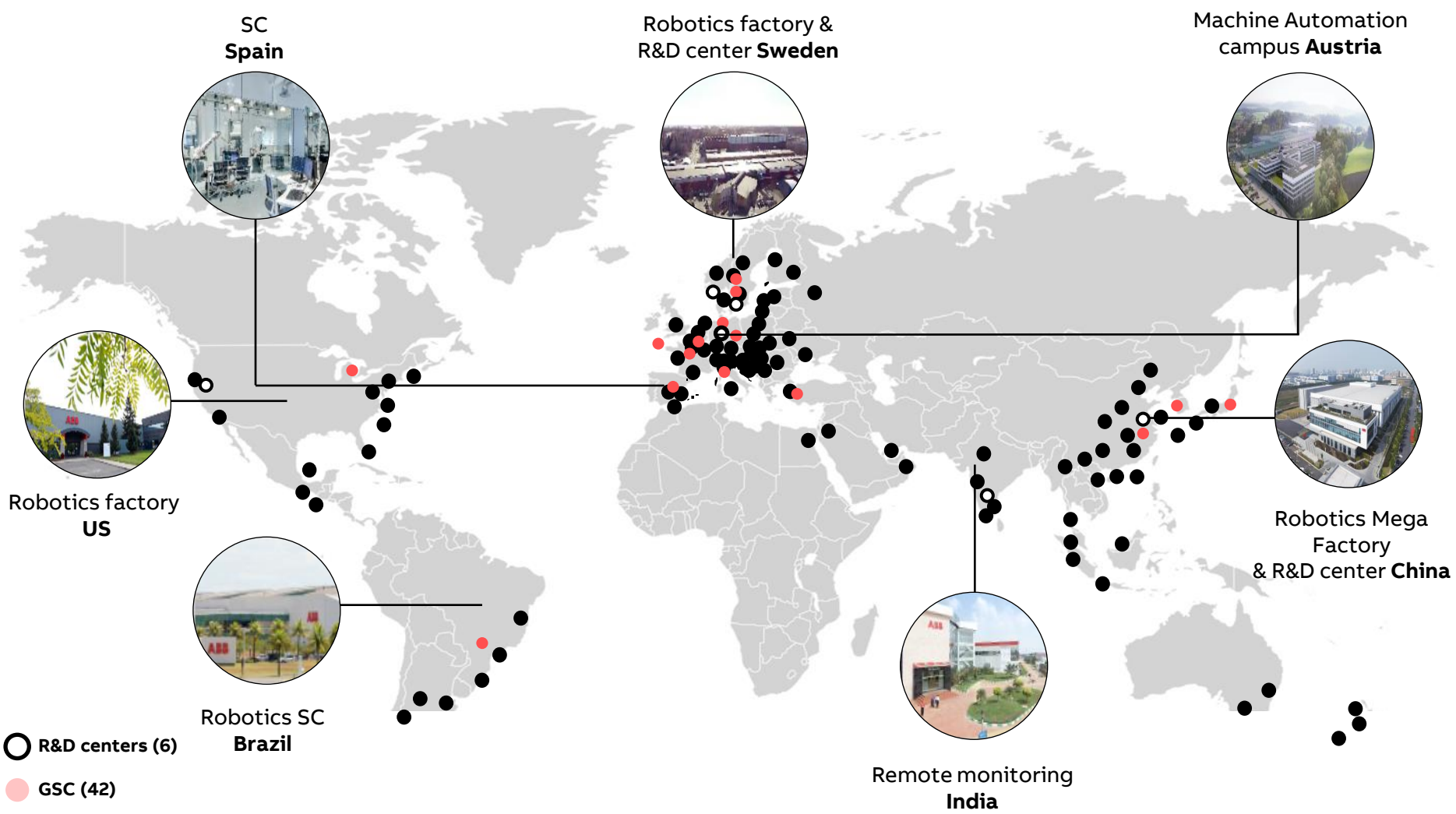


Robotics

Machine Automation

A global player

We are close to customers locally, across the value chain



\$3.2bn	Revenue
42	Global Solution centers
11,000	Employees
1750	Service Experts
50+	Countries
100+	Locations
	Global Service & Sales network
	Unique Authorized Value Provider network

—
**Most
comprehensive
Mechatronics
platform**



**Domain
expertise**

—
**Leading
software &
Technology
stack**



**Smart
systems**

—
**Intelligent
future – ready
Controller
platform**



**Application
cells**

—
**Innovative service offerings
for the entire lifecycle**

**Functional
modules**



ABB Robotics Service

Technical excellence and innovative service offerings that support your business' success

ABB Robotics Customer Service

The largest service offering and broadest service network in the industry

- 6**
● Remanufacturing and workshop repair centers
- 4**
● Regional spare part distribution centers
- 40**
■ Training centers



World-class, innovative service offerings for the entire robot lifecycle. Tailored to meet the needs of your business and succeed.

- 100+**
Locations
- 50+**
Countries
- 1,750**
Service professionals
- 24/7**
Global support with immediate response

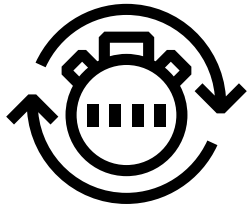
Close to you:
Our services reach you wherever you are!



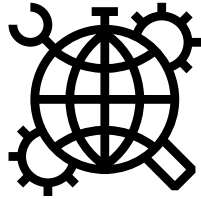
Value drivers

We deliver what matters most to you.

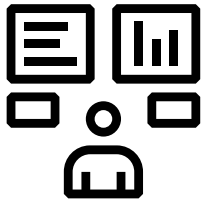
Our portfolio of services aligns with four value drivers:



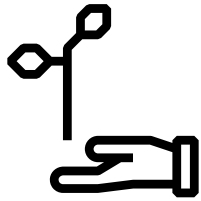
Reliability & Uptime



Lifetime Support



Performance & Productivity



Sustainability



Mega-trends for sustained need for robotics and automation

INDIVIDUALIZED CONSUMER



DIGITALIZATION/AI



SUSTAINABILITY

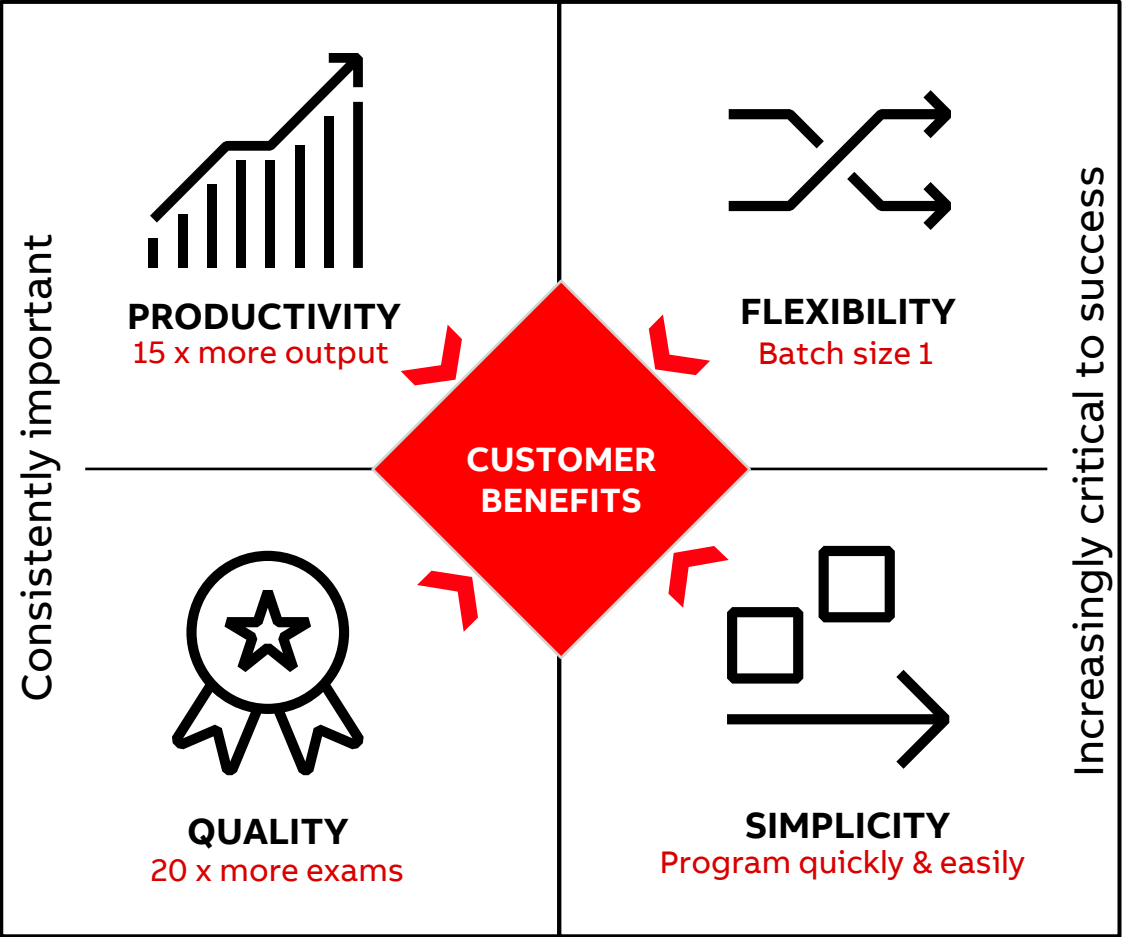


LABOR SHORTAGE

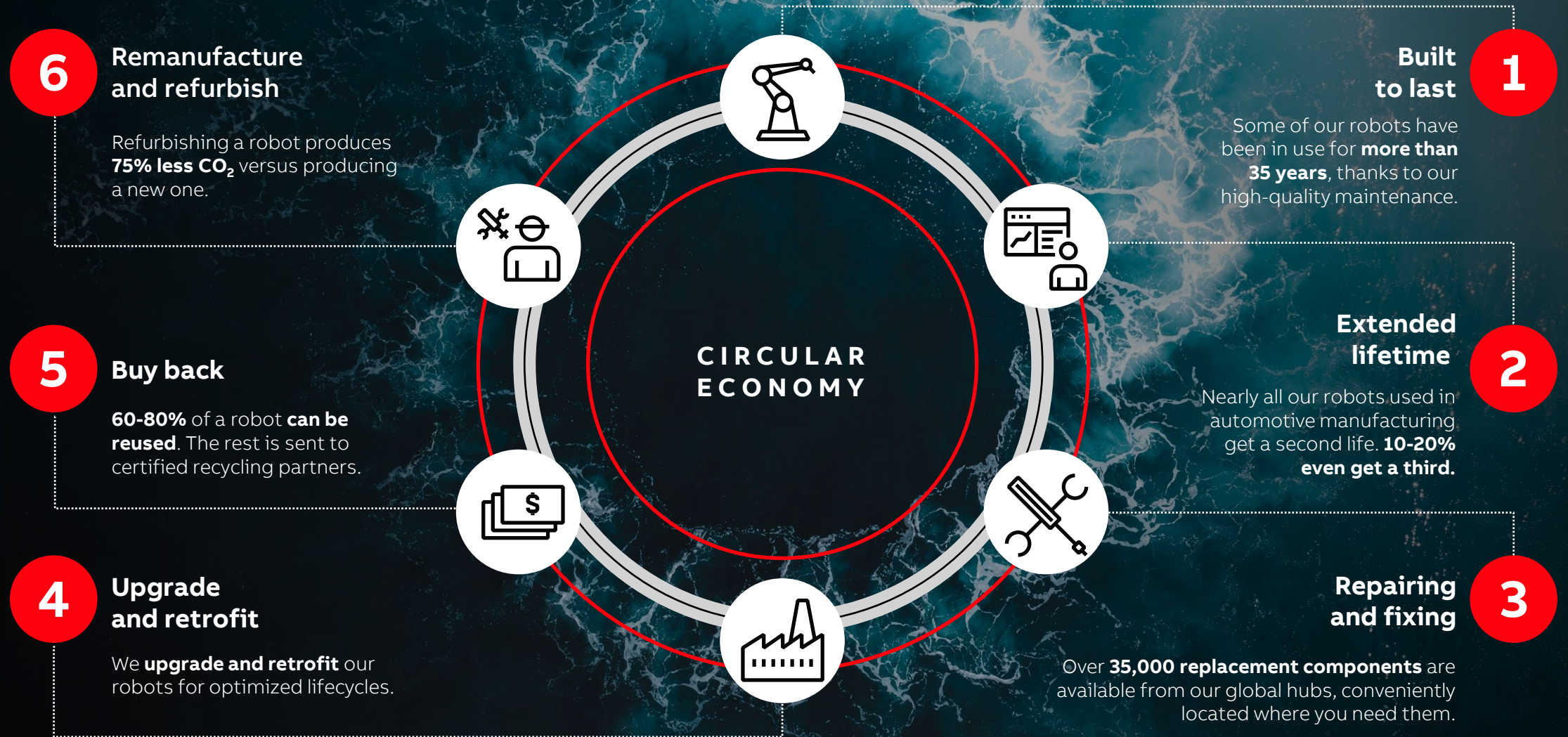


UNCERTAINTY





Driving circular economy with solutions designed to last



Remanufacturing and Upgrades

ABB's Remanufacturing and Upgrades offerings are designed to maximize the reliability and uptime of your robot fleet, optimize performance, increase your productivity, and prolong their lifetime.

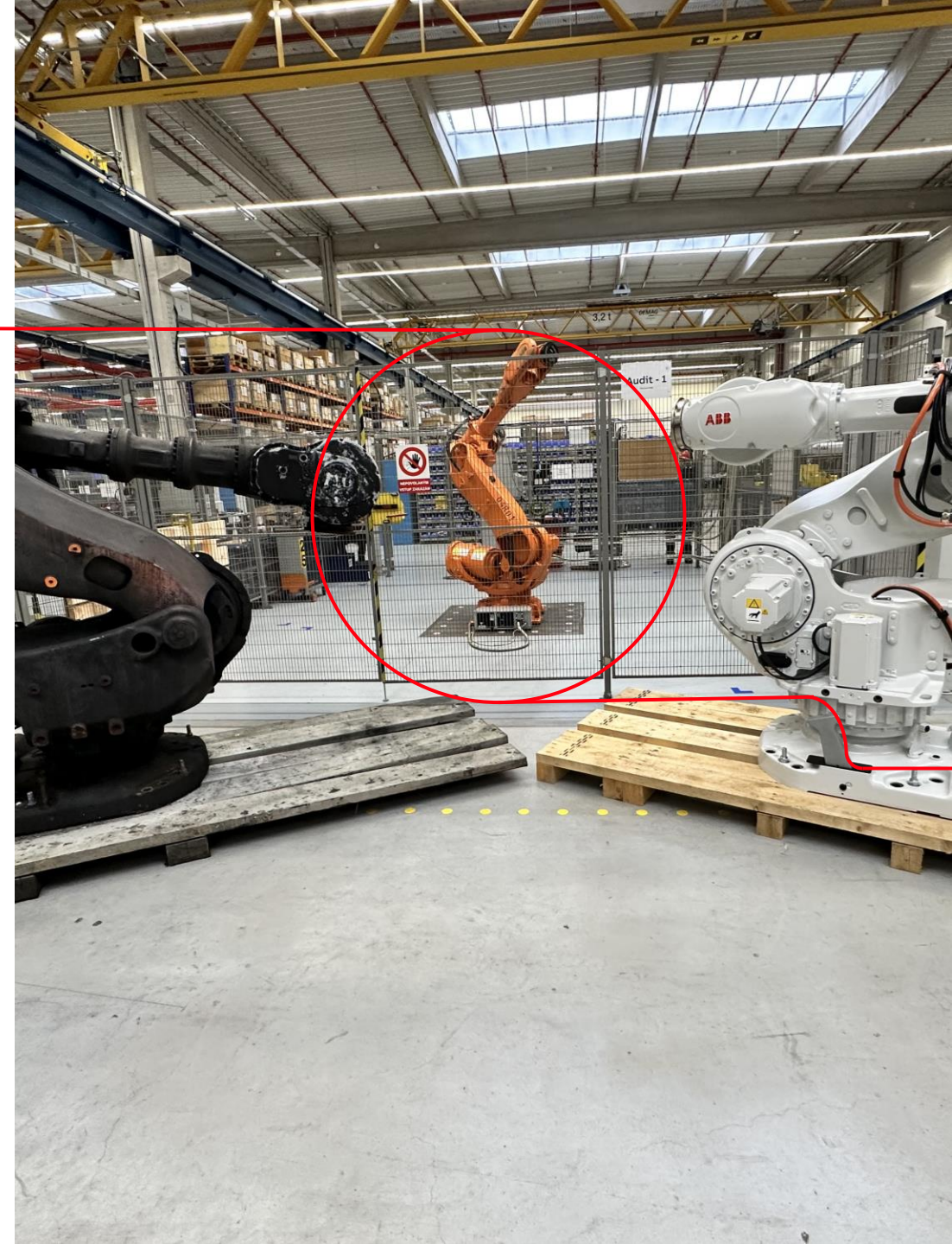
- **Remanufacturing** aged customer robots brings increased robot lifetime at lower investment cost and reduces CO₂ emissions
- **Upgrades** of robots and process equipment improve performance and extend lifetime through making the latest technology available
 - Mechanical Arm Upgrades
 - Standalone Controller Upgrades
 - Component upgrades
 - Application specific upgrades
e.g. Atomizer Upgrades for paint applications



Replacement and Buy-Back

ABB's Replacement and Buy-Back offerings are designed to drive efforts towards sustainability and prolonging the lifetime of your robot.

- **Replacement** of existing ABB equipment with a new ABB robot arm or controller is a great alternative to a completely new installation
- **Buy-back** of ABB robots or peripheral equipment, which are no longer in use or if you are looking to upgrade your robots, is the way to go to get a great deal



Esimerkkejä

- [Automated shoe recycling with single-arm YuMi cobot – YouTube](#)
- [Max-AI® In Action - Max-AI®](#)
- [AI assisted trash sorting with ABB industrial and collaborative robots – YouTube](#)
- [ABB Robotics and US start-up Molg tackle data center e-waste with robotic microfactories | News center](#)

Yhteystiedot



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**ENGINEERED
TO OUTFIT**

ABB