

Engineering-led circular economy solutions

Flagship Corporate Presentation

WEEE Recycling • Plant Engineering • Automation • Industrial Services

European
company

International partnerships

Industrial solutions

2010

Established in Europe

30,000 t

Projected annual capacity

75 t/day

Daily plant capacity

1.5M

Refrigeration appliances recycled

Executive snapshot

A one-page view of the operating platform, proof points and commercial relevance.

2010

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Daily capacity

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Fridges
recycled

Core business

WEEE treatment, recovery,
depollution and compliant
handling.

Technical depth

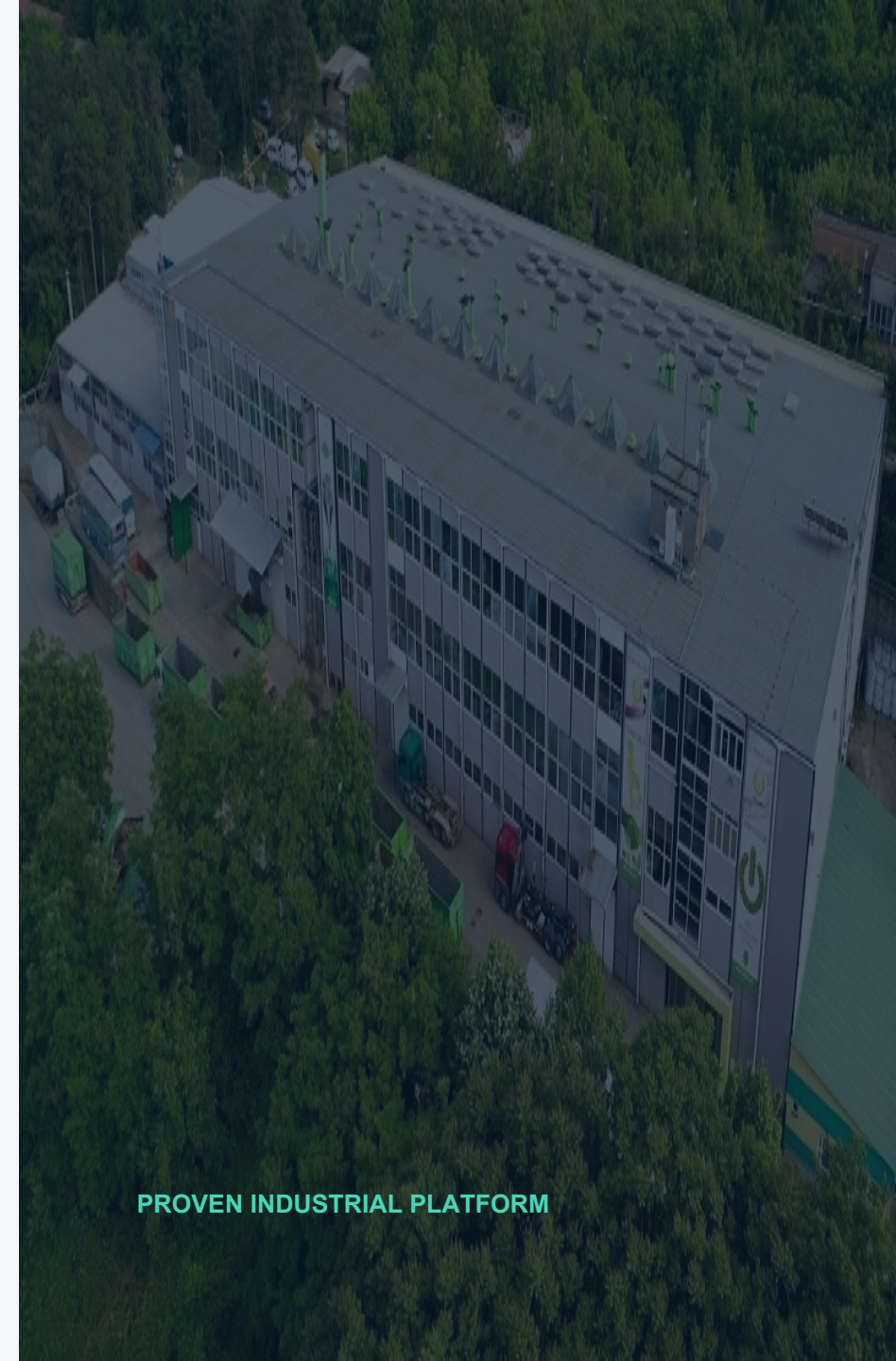
Engineering, automation,
maintenance and spare-parts
capability.

Partnership logic

Operational platform for
customers, partners, institutions
and investors.

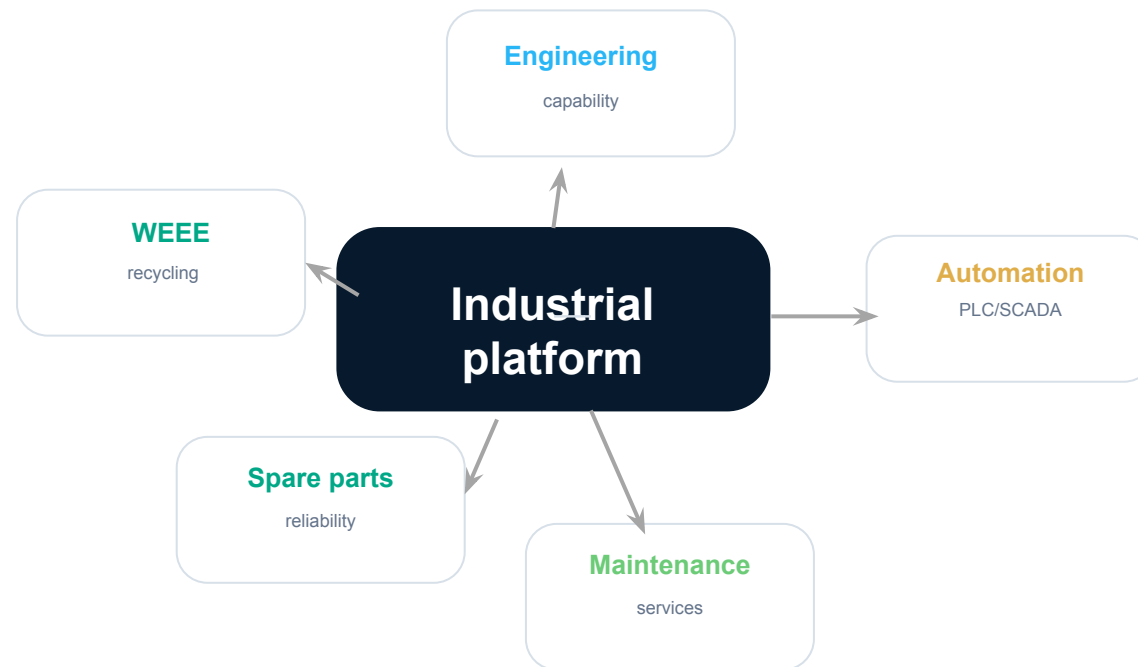
E-Recyklaza brings recycling capacity, technical services and engineering capability under one operating model.

PROVEN INDUSTRIAL PLATFORM



From WEEE processing to industrial circular economy solutions

A European recycling and engineering company with engineering depth, owned infrastructure and operational collection and partner reach.



TAKEAWAY

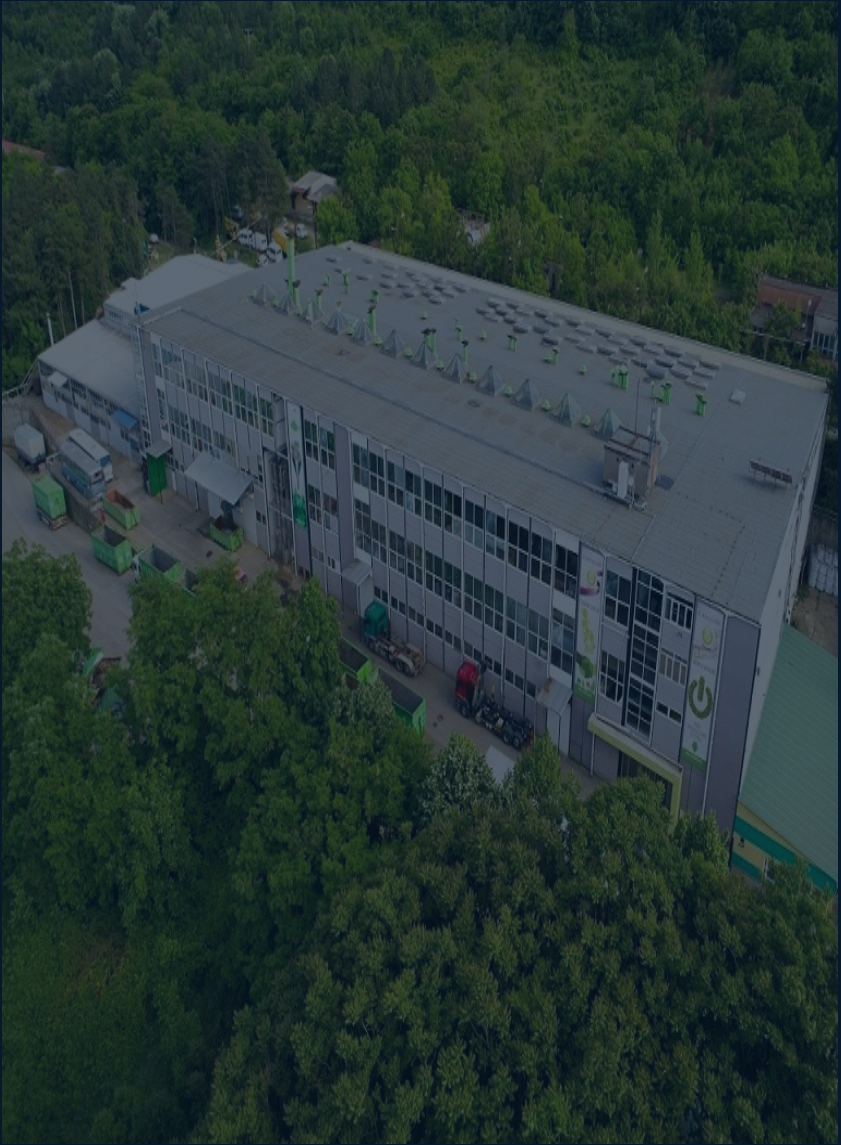
The value proposition is not only recycling capacity — it is the integrated operating and technical platform behind it.

Operational scale backed by operational reach

A concise investment-grade view of assets, permits, collection footprint and operating scale.

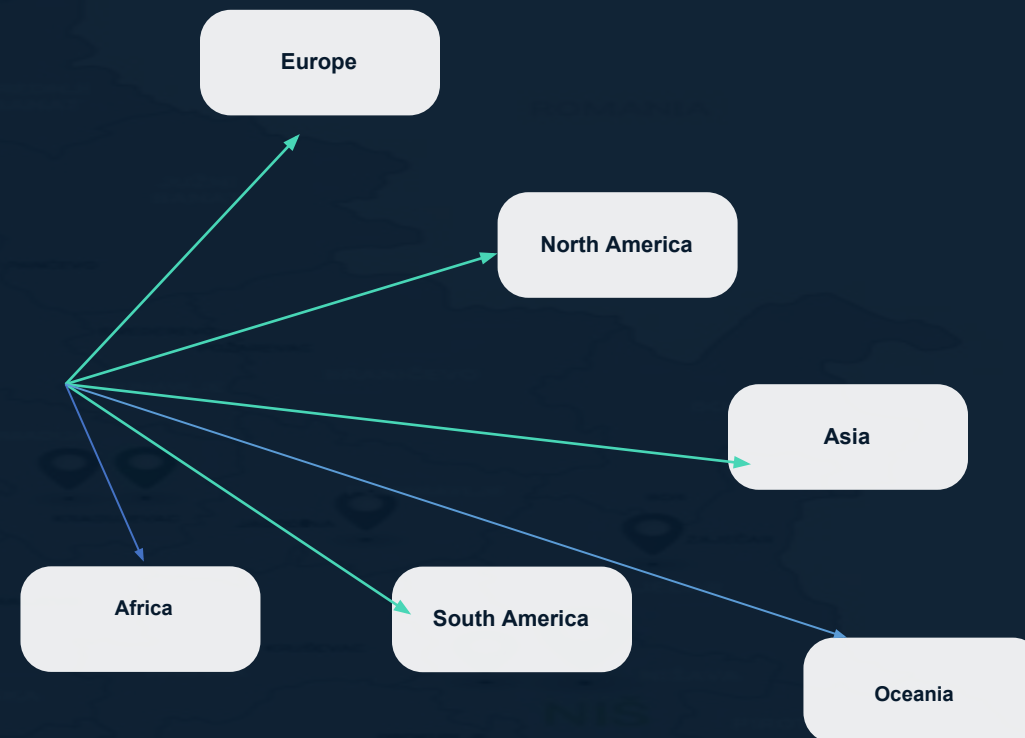
Dimension	Current position
Facility	10,000 m² production + 5,000 m² storage
Permits	Waste storage, treatment and transport
Network	10 daughter companies; 110 exclusive collection companies
Coverage	70 collection points; 5,000 contracts
Quality	ISO 9001, 14001, 45001 and 50001 standards

The proof is operational: infrastructure, permits, collection reach and ISO-aligned processes.



A European WEEE and engineering company with worldwide partnership potential

Global opportunity should be framed through customers, partners, technical services, strategic partnerships and market collaboration — not claims of global facilities.



Partnership pathways • Customer solutions • Technical partnerships • Strategic JVs • ESG programs

Real infrastructure. Engineering depth. Circular economy focus.

The combination of plant operations and engineering services creates a practical advantage for industrial customers.

01

Operational recycling base

WEEE processing, refrigeration appliance recycling and material recovery.

02

Engineering-led capability

Automation, PLC/SCADA, cabinets, conveyors and fabrication.

03

Service orientation

Maintenance teams, spare parts, upgrades and downtime-focused support.

04

Partnership mindset

Collaboration models for OEMs, recyclers, industrial clients and institutions.



Integrated operating advantage

Assets and operating foundation

Infrastructure, network and process discipline create the base for credible international conversations.

A dedicated industrial base for WEEE treatment and technical services

The Europe facility provides the physical platform for recycling, maintenance, production and engineering work.



10,000 m²

Company-owned production facility

5,000 m²

Storage supporting operations

Permit

Waste storage, treatment and transport

Operating credibility

Owned infrastructure and operating permits make E-Reciklaza a credible partner for industrial customers and institutions.

Tangible assets convert the corporate story from commercial representation into operating reality.

Collection reach through its operating network

An established logistics and collection model supports waste flow, customer access and national coverage.

10

Daughter companies

110

Exclusive collection companies

4

Subsidiaries

70

Collection points

5,000

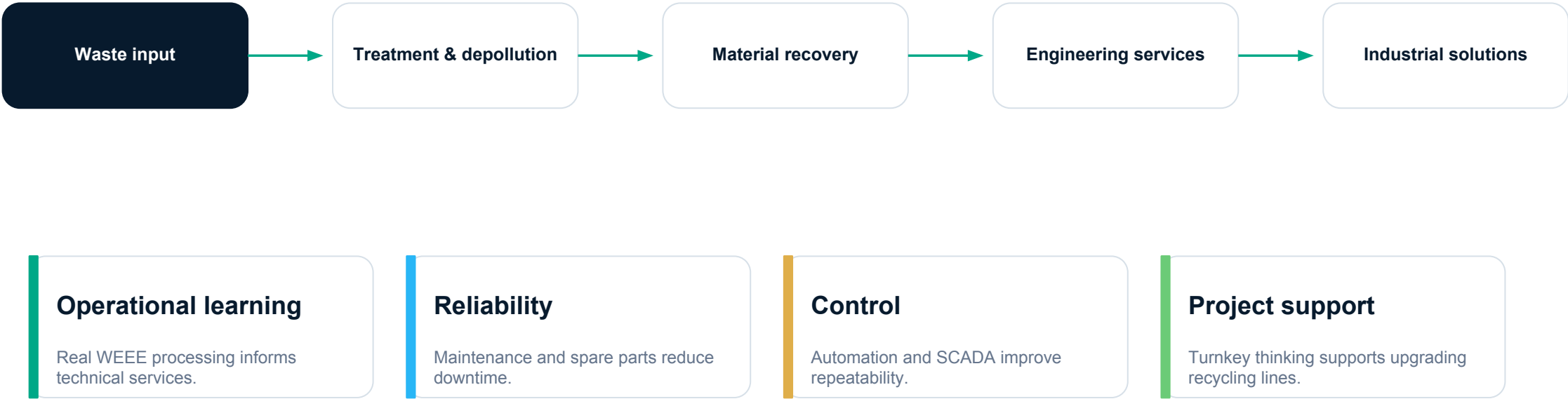
Contracts

Operational reach supports government, OEM and compliance-oriented customer conversations.



The operating model connects recycling, engineering and service

This is how the company turns plant experience into customer value.



Engineering-led capability

The strongest positioning is not recycler versus engineer — it is recycling operations improved by engineering discipline.

Process optimization built from operating experience

E-Recyklaza has designed, implemented and operated electronic-waste recycling lines.

- 01 ——— Layout
- 02 ——— Mechanical flow
- 03 ——— Electrical integration
- 04 ——— Control logic
- 05 ——— Commissioning

Two electronic-waste recycling lines independently designed and implemented; larger WEEE line with 16 controlled processes monitored through SCADA.



Machinery and components for recycling operations

Mechanical fabrication and component manufacturing support material handling, processing and uptime



Belt conveyors

Cross-flow shredder formwork

Chain carriers

Spare parts

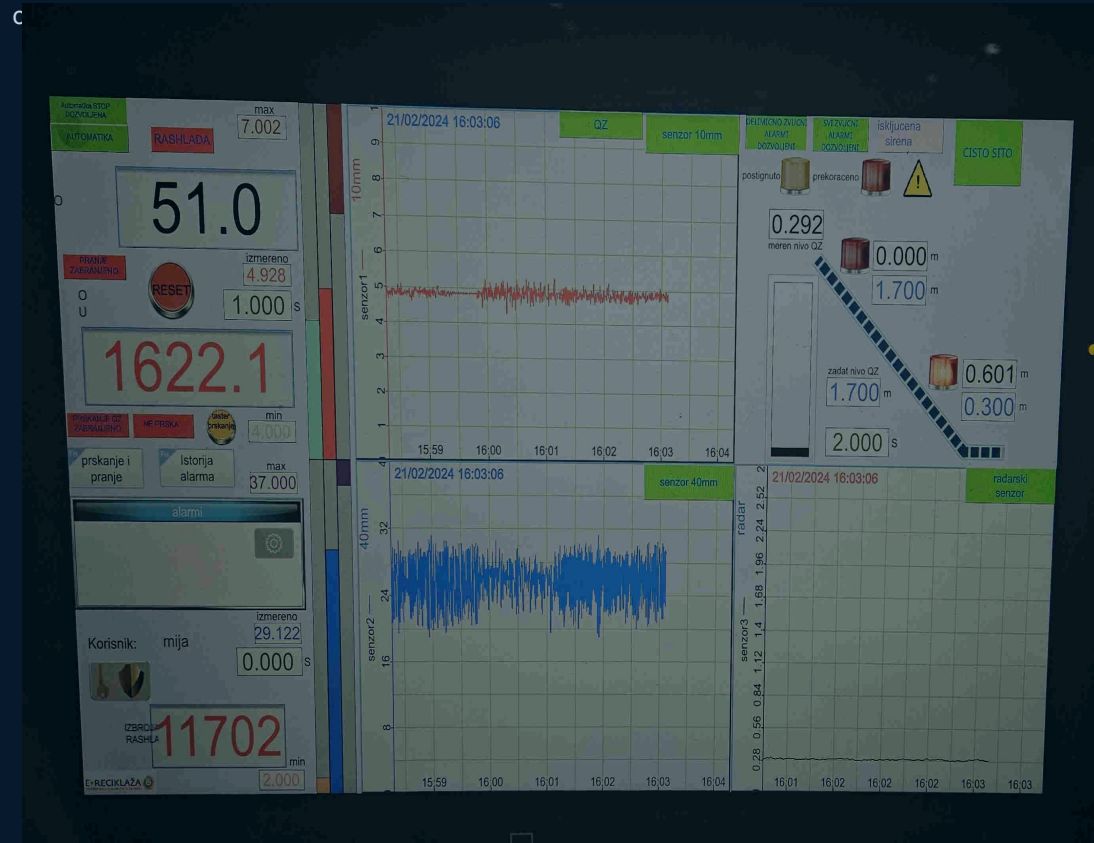
Gearboxes

Show machinery capability without overstating beyond documented component and line expertise.

AUTOMATION

Control, safety and throughput through automation

Control strategies, electrical integration, PLC programming and SCADA monitoring form the core of the automation



01 Control strategies

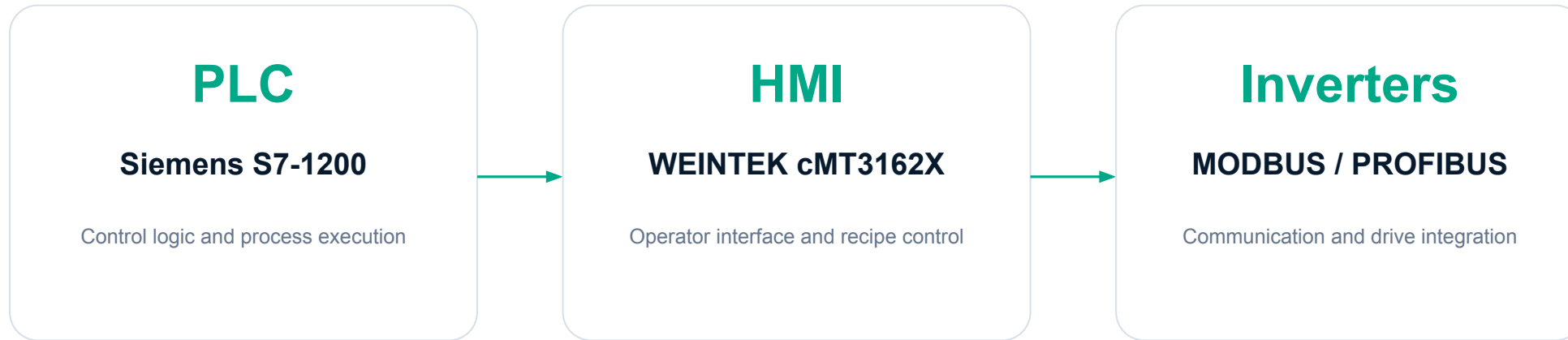
02 Integration

03 Programming

04 Modes

Architecture for monitored recycling processes

A simple view of the hardware and communication layer that supports operational control.



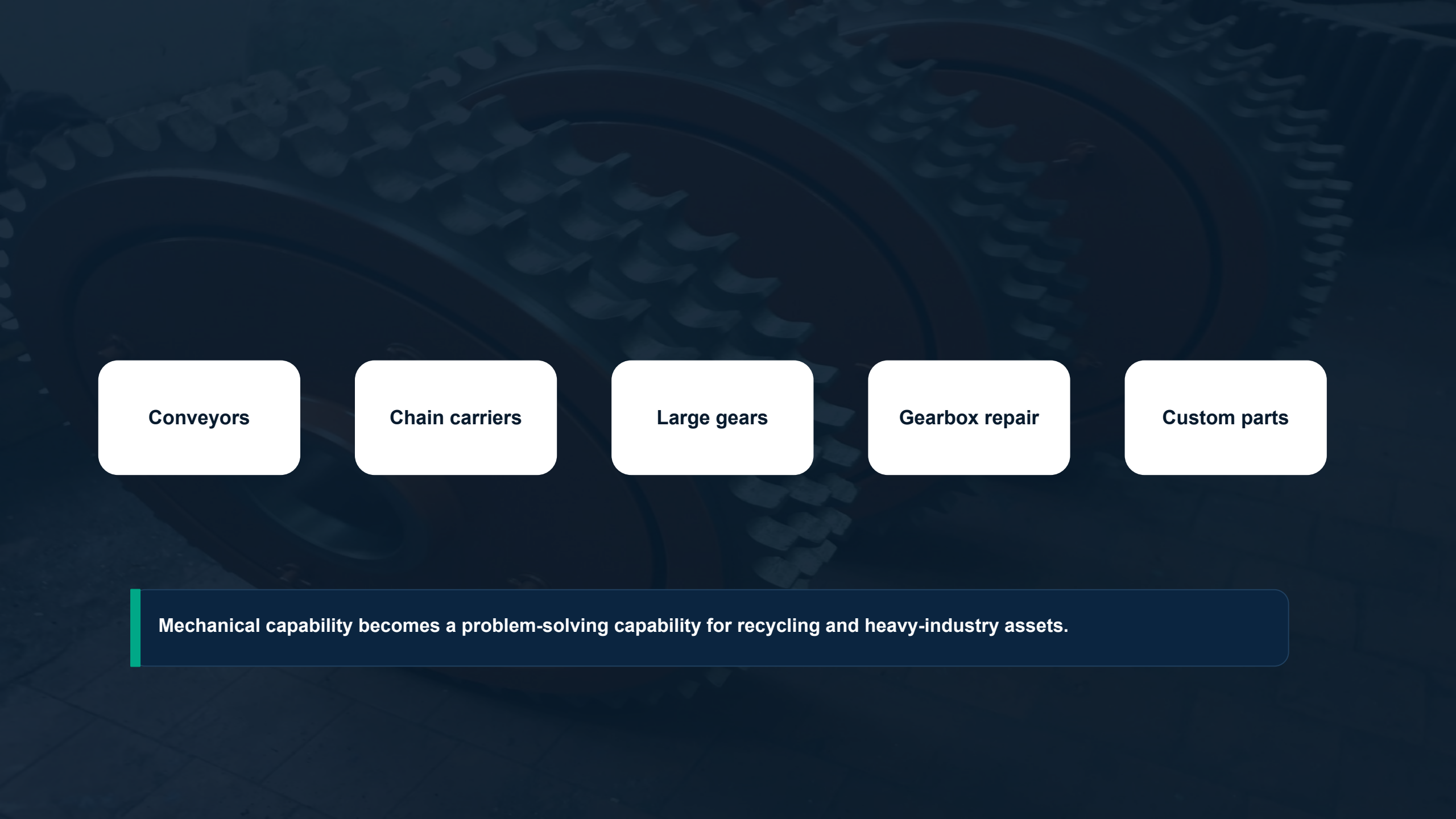
Technical architecture should be understandable to executives and engineers together.

Reliable industrial control from schematics to cabinets

From schematics to cabinets, technical teams support automation integration and process control.

- 01** Electrical schematic drawings and panel integration.
- 02** PLC, HMI and inverter configuration for process lines.
- 03** Cabinet build-up for recycling line control environments.
- 04** Support for monitoring parameters, alarms and errors.





Conveyors

Chain carriers

Large gears

Gearbox repair

Custom parts

Mechanical capability becomes a problem-solving capability for recycling and heavy-industry assets.

Services designed to protect operational continuity

Dedicated engineering and technician teams support mechanical and electrical maintenance needs.

3

Electrical engineers

3

Mechanical engineers

2+2

Technician teams

220

Employees referenced

Recycling industry equipment support

Belt conveyor production and maintenance

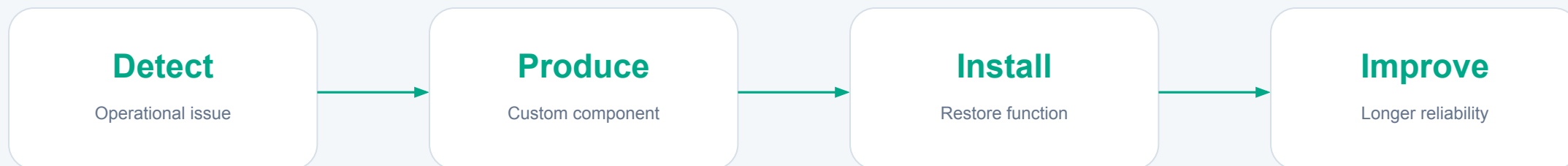
Eddy-current separator servicing and component support

Reduced downtime, efficiency and asset longevity



Component production for industrial reliability

Spare parts connect directly to customer outcomes: less downtime, better reliability and lifecycle support.



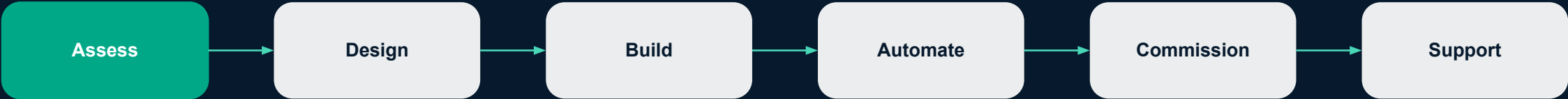
Patented chain carrier production
Documented component capability.

Gearboxes and large gears
Supported through partner ecosystem.

Durability and operational life
Components built around reliability needs.

From concept to operational control

Integrated projects are strongest where engineering, automation, machinery and operating knowledge work together.



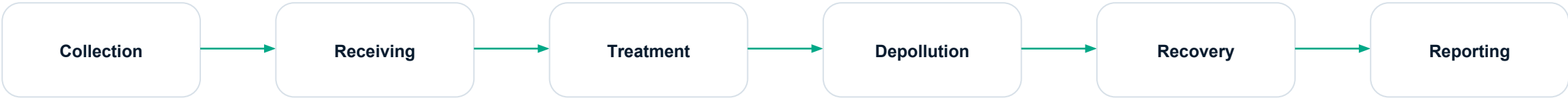
Phase	What customers receive
Assess	Material flow, process requirements and facility constraints
Design	Line concept, mechanical layout and electrical control approach
Build	Conveyors, components, cabinets and integration support
Automate	PLC/SCADA logic, recipes, monitoring and alarms
Support	Maintenance, spare parts and performance improvement

Core recycling and service lines

The recycling story remains the anchor — engineering services expand how customers and partners can engage.

Treatment, recovery and compliance as the core activity

The company's core activity is recycling waste electrical and electronic equipment.



Main activity

Recycling WEEE.

Treatment focus

Disposal, treatment and recovery of e-scrap materials.

Input flow

Collection and logistics network supports customer access.

Safe appliance recycling at industrial scale

MEWA plant capability supports safe extraction of freon and PUR foam from refrigeration appliances.



1.5M

Refrigeration appliances recycled

10+ t

Shift capacity achieved after improvements

16 t

Potential per-shift capacity

A high-credibility proof point anchored in processing history and automation improvements.

ITAD-adjacent support for responsible electronics recovery

The WEEE and e-scrap capabilities create a platform for ITAD-related partnerships and recovery services.

01

Electronics recycling and e-scrap treatment/recovery experience.

02

Partnership potential with ITAD operators, OEMs and multinational customers.

03

Material recovery and downstream treatment expertise for electronics streams.

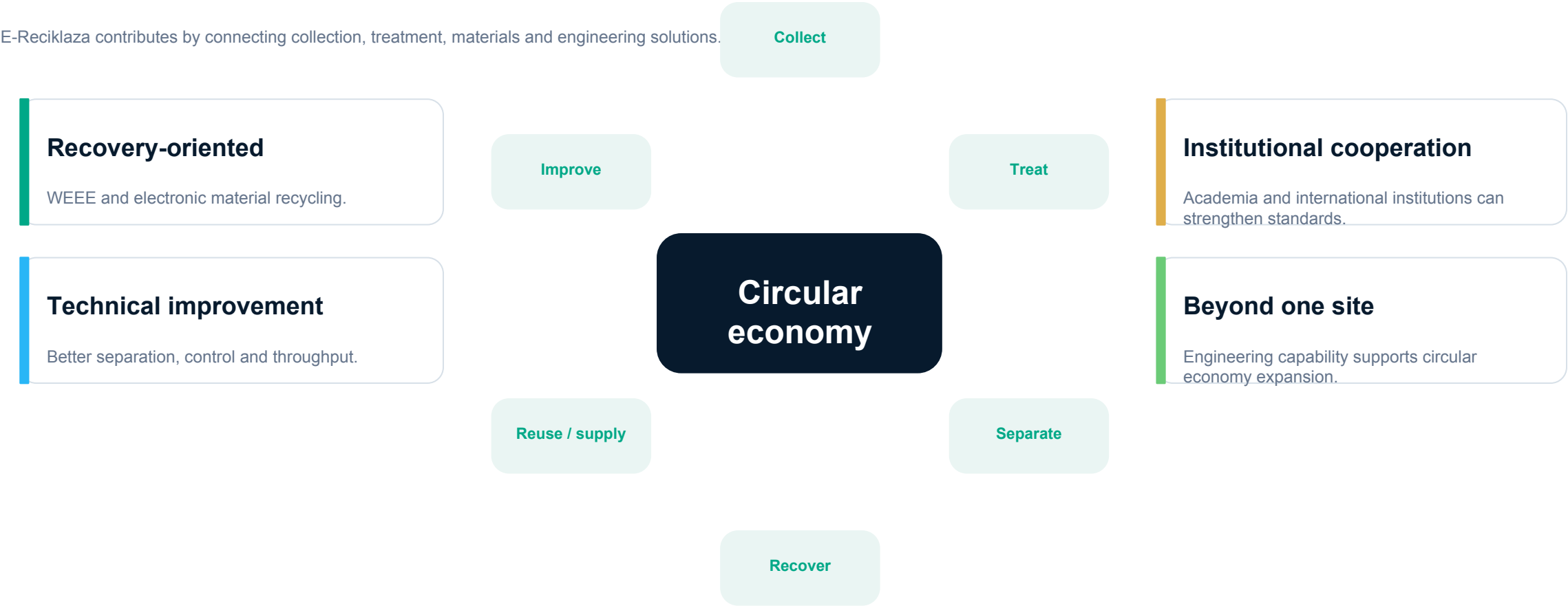
04

Best positioned as a responsible processing partner where scope is aligned.



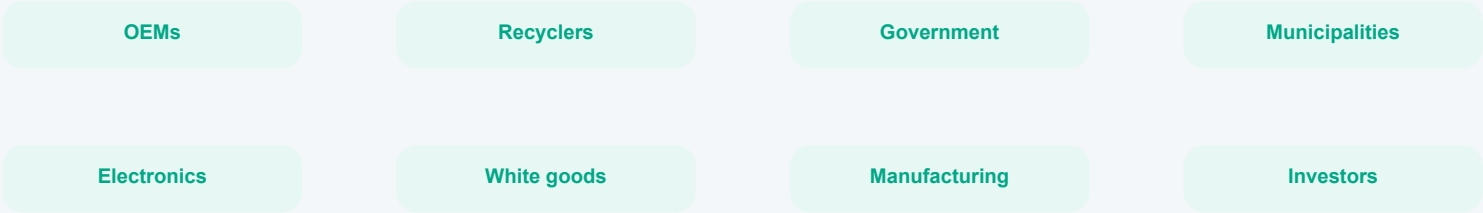
Recovering value from complex waste streams

E-Recyklaza contributes by connecting collection, treatment, materials and engineering solutions.



Built for customers requiring accountable industrial execution

The same capability set can serve multiple customer groups across recycling, manufacturing and public-sector environments.



Customer need	Relevant E-Recyklaza response
Compliance and reliable recovery	WEEE processing, collection reach, treatment capability
Operational uptime	Maintenance, spare parts, upgrades, automation
New recycling capacity	Plant design, line experience, control systems
Strategic growth	Partnership models and market collaboration

International growth through customer solutions and partnerships

Europe

European base for international partnerships and project cooperation.

North America

E-scrap and technical cooperation pathways.

Latin America

Recycling partnerships and project collaboration.

Asia, Africa & Oceania

Market exploration through proven partners and demand.

Flexible commercial models for customers and strategic partners

Collaboration can be structured around services, projects, supply chains and long-term partnerships.

01

Service contracts

Maintenance, upgrades, spare parts and technical support.

02

Project delivery

Design, build, automation and commissioning support.

03

Processing partnerships

WEEE/e-scrap treatment and material recovery collaboration.

04

Strategic partnerships

Joint market development with OEMs, recyclers and investors.

Commercial models should be presented as options to explore, not fixed offers — this invites conversation while staying realistic.

Proof points from the operating environment

Selected examples show how engineering, automation and processing capability translate into practical results.

Refrigeration appliance recycling

1.5M appliances recycled through MEWA plant capability

Capacity improvement

7 t/shift to over 10 t/shift; potential up to 16 t

Recycling line automation

16 controlled processes monitored through SCADA online

Patented components

Chain carrier and jam/disengagement measurement and alerts

Partner manufacturing

Gearboxes, large gears, CNC machining and spare parts

Let's build the next circular economy project together.

E-Recyklaza 2010 d.o.o. | European company

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WEEE Recycling

Engineering

Automation

Maintenance

Partnerships