



# HERAMBIENTE

Giving value to the  
environment, our priority.

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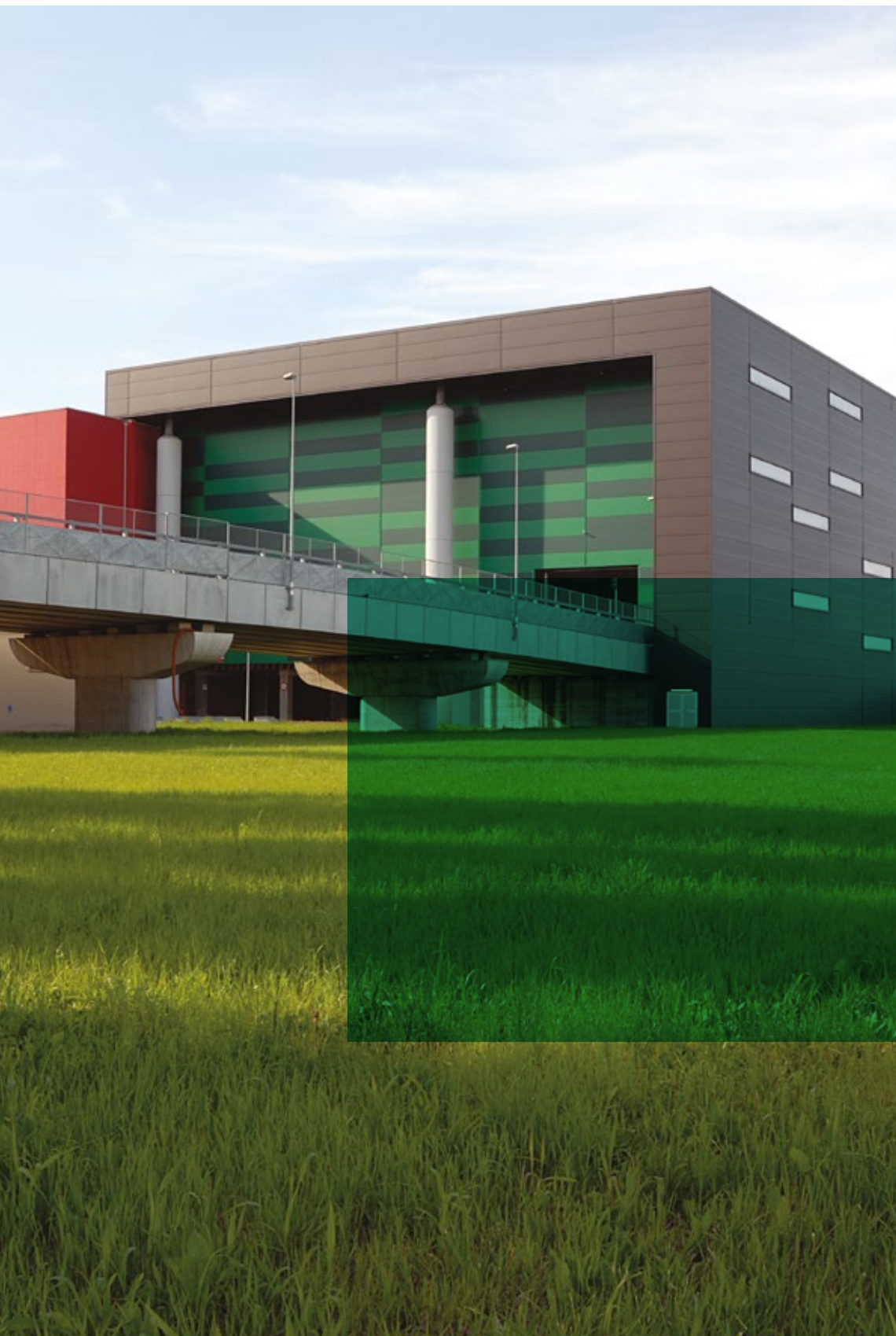
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## OUR MISSION

OFFER SUSTAINABLE AND INNOVATIVE SOLUTIONS IN INTEGRATED WASTE MANAGEMENT, RESPONDING TO THE CHALLENGES OF THE FUTURE OF COMPANIES AND COMMUNITIES BY CREATING VALUE AND NEW RESOURCES

# HERAMBIENTE, THE SUSTAINABLE SIDE OF WASTE

**Herambiente is the first Italian operator** in the environment sector and for years has guaranteed to companies and territories the **360° and sustainable management of all types of waste**, carrying out also remediation and reclamation activities of contaminated areas and sites.

## A MAJOR GOAL: GIVING VALUE TO THE ENVIRONMENT,

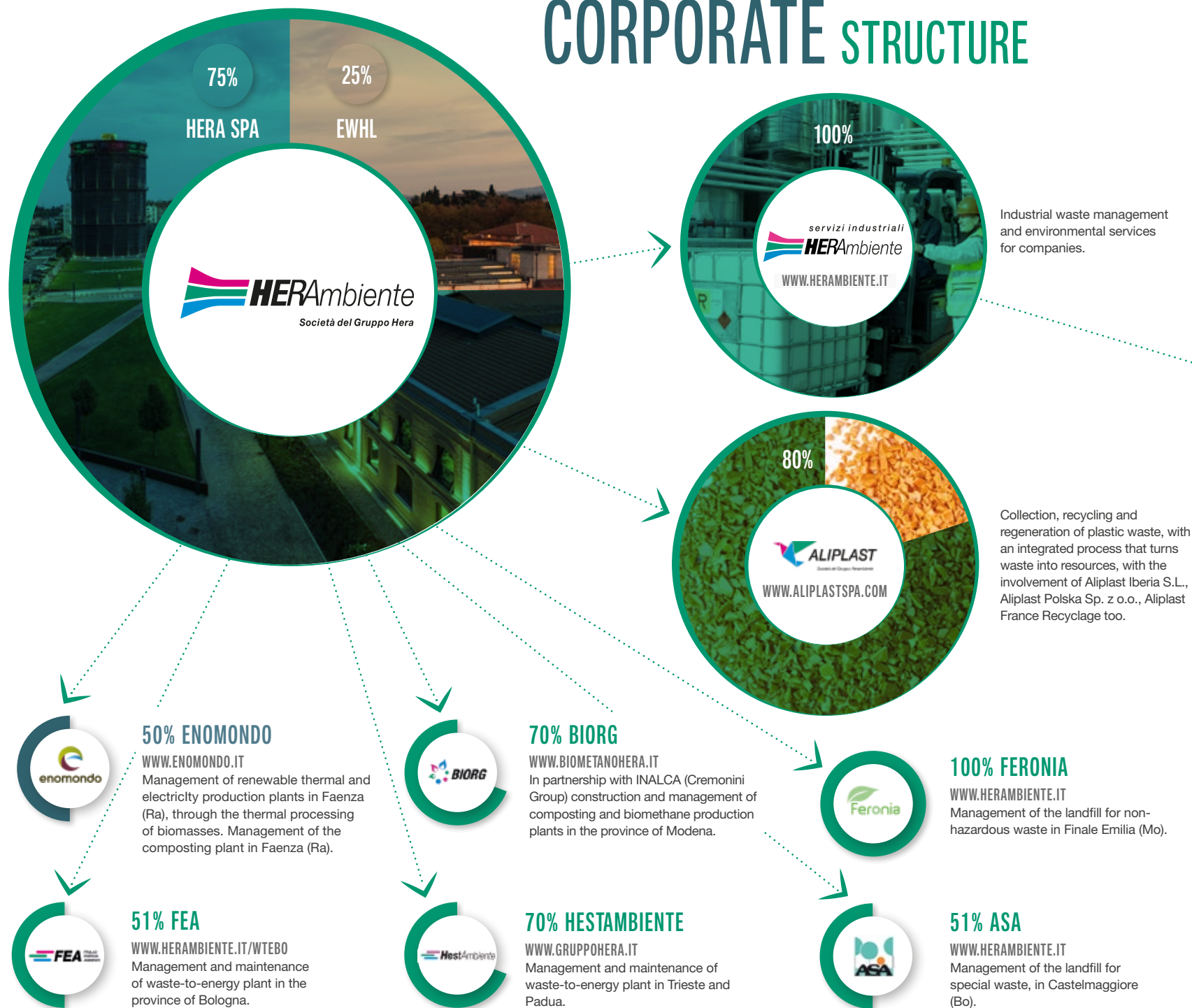
to contribute to the ecological transition

On the strength of its **unique plant equipment in Italy** and a European network of qualified operators, Herambiente is also an international excellence. It responds to the needs of the **utilities** sector and more than **5,000 companies**, offering a wide range of **value-added services** that facilitate the transition to the **circular economy**.

**FIRST IN ITALY  
AMONG THE BEST IN EUROPE**



# CORPORATE STRUCTURE



**75% owned by the Hera Group,** Herambiente possesses its own waste treatment assets. Over time, it has consolidated itself by incorporating other companies in the sector, thus acquiring a

**leading position** in regard to volume, cost and environmental impact and in terms of coverage of the entire country. The remaining 25%, confirming Herambiente's **international dimension**, is held by EWL European Waste

Holdings Limited, a company incorporated under UK law, 50% owned by British Infrastructure Fund 3i Managed Infrastructure Acquisitions LP and 50% by Dutch Pension Fund Stichting Pensioenfond ABP.



## 80% VALLORTIGARA

[WWW.VALLORTIGARA.IT](http://WWW.VALLORTIGARA.IT)

Industrial waste treatment/recovery platform in the province of Vicenza.



## 70% RECYCLA

[WWW.RECYCLA.IT](http://WWW.RECYCLA.IT)

Industrial waste treatment/recovery platforms in the provinces of Pordenone and Treviso.



## 50% HEA

HERA AND ENI FOR THE ENVIRONMENT

In partnership with Eni Rewind, construction and management of an industrial waste treatment plant in Ravenna.



## 31% TREMONTI

[WWW.HERAMBIENTE.IT](http://WWW.HERAMBIENTE.IT)

Partnership with Edison, Sersys Ambiente and Ambienthesis and the implementation of remediation works.



## 31% SEA

[WWW.SEAAMBIENTE.IT](http://WWW.SEAAMBIENTE.IT)

Industrial waste treatment/recovery platforms in the province of Ancona.



## 20% TEAM SRL

[WWW.TEAM-PESARO.IT](http://WWW.TEAM-PESARO.IT)

Treatment plant for industrial liquid waste in Pesaro.

## LEGENDA



Subsidiaries



Investee companies



# OUR FIGURES

With figures that speak for themselves, Herambiente continues on its uninterrupted path of **growth**, constituting an added value for the areas it serves and its **stakeholders'** employment and sustainable development prospects.

All this in the name of a continuous projection towards the future and **innovation**, testified by its volume of business and its strong planning capacity in response to the great challenge - European and worldwide - of **ecological transition**.



OVER 6  
MILLION TONNES

WASTE TREATED EACH YEAR



1.2  
MILLION TONNES

INDUSTRIAL WASTE TREATED EACH YEAR



OVER 4  
MILLION TONNES

SPECIAL WASTE TREATED EACH YEAR



**100**  
CERTIFIED  
PLANTS



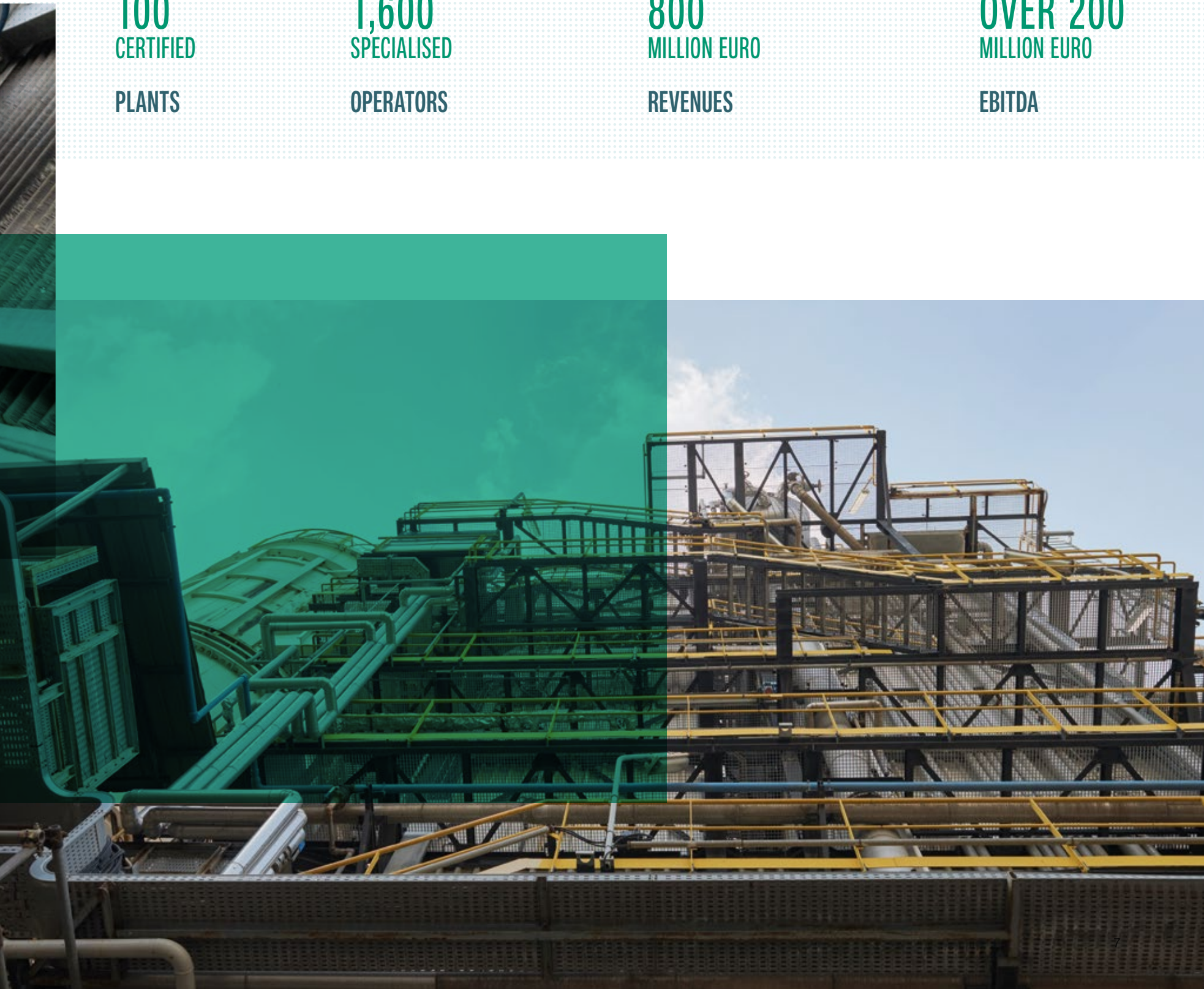
**1,600**  
SPECIALISED  
OPERATORS



**800**  
MILLION EURO  
REVENUES



**OVER 200**  
MILLION EURO  
EBITDA

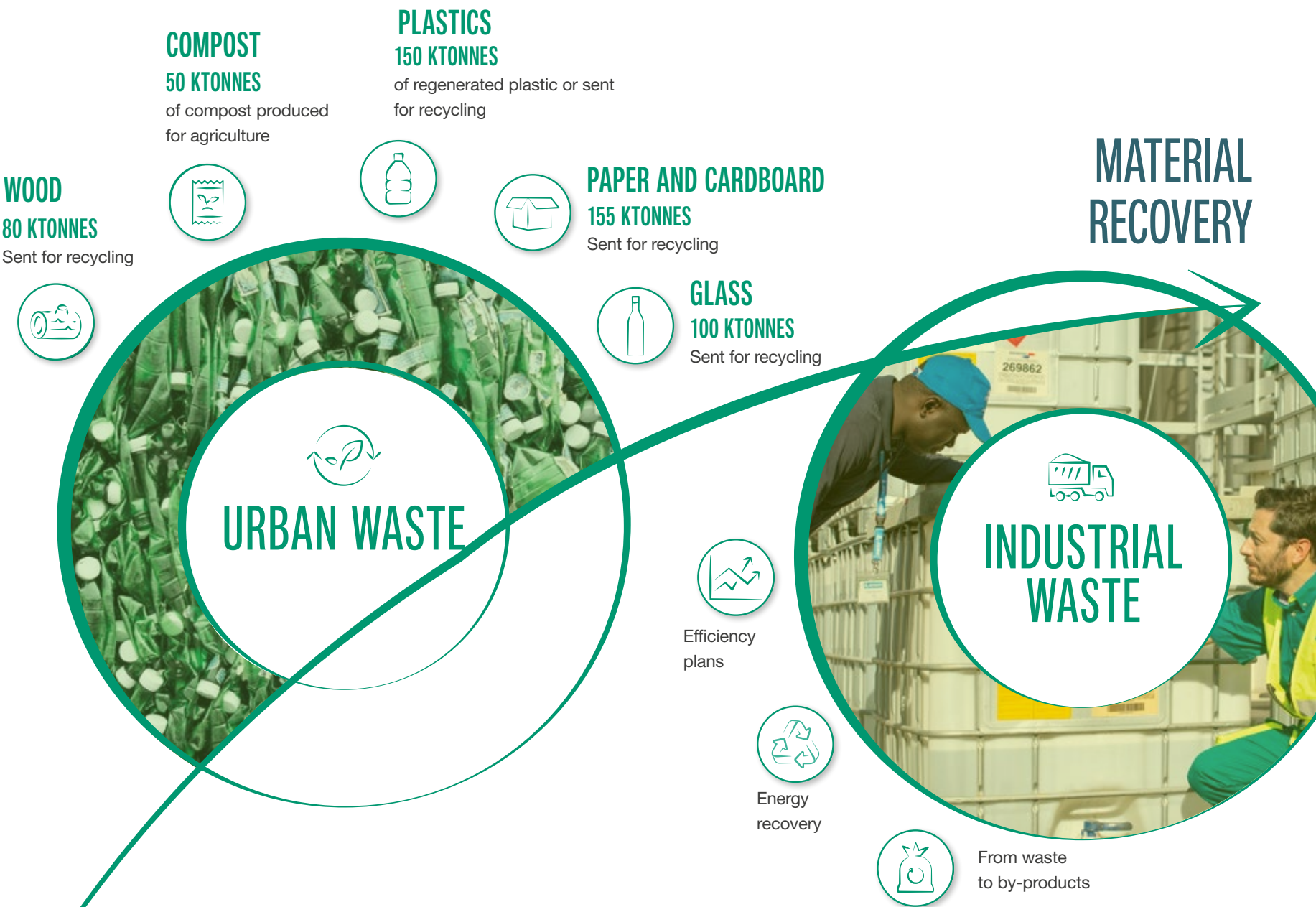


# WE ENABLE THE CIRCULAR ECONOMY

The circular economy is

- **the goal** we strive for;
- **the method** by which we work; and
- **the development model** for which we qualify customers and areas.

All this translates into a constant commitment, through which we offer the best solutions for the **highest possible recovery of materials and energy**.  
To change the meaning of the word “waste”.



## ENERGY PRODUCTION

### COGENERATION AND WTE

777 GWh<sub>e</sub>



### BIOGAS FROM LANDFILL

39.1 GWh<sub>e</sub>



### ANAEROBIC DIGESTION

25.5 GWh<sub>e</sub>



### PHOTOVOLTAIC PLANTS

1.8 GWh<sub>e</sub>



### BIOMETHANE

8 mln Sm<sup>3</sup>

**840 GWh<sub>e</sub> OF  
RENEWABLE  
ELECTRICITY**



# AT THE HEART OF AN EXTENSIVE EUROPEAN NETWORK

WITH THE STRENGTH OF A PLANT EQUIPMENT UNIQUE IN ITALY AND THANKS TO AN EUROPEAN NETWORK OF QUALIFIED OPERATORS...



... HERAMBIENTE GOES WHEREVER IT IS NEEDED, SO THAT EVERY LAST BIT OF WASTE FINDS ITS PLACE AND IS TURNED INTO VALUE.



VISIT OUR PLANTS



Herambiente's equipment, technologies and know-how enable it to **handle any waste** by processing it directly with its assets or preparing it for treatment by the international partners comprising Herambiente's European cross-border network.



In particular, Herambiente can utilise a system of **transnational and interconnected logistical solutions**, such as intermodal transport by ship or train. In this way, even the biggest distances can be covered easily, to the benefit of the **business continuity** of Herambiente and its customers, with a view to proximity, adaptability and efficiency.

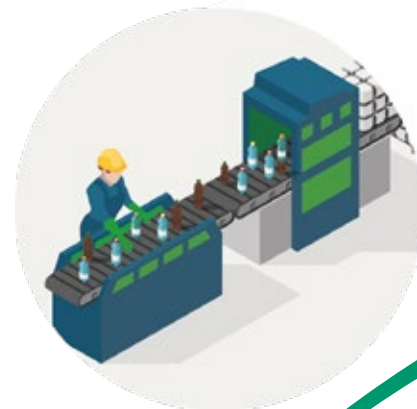
# TECHNOLOGICAL AND INNOVATIVE SOLUTIONS

## FOR BUSINESSES, COMMUNITY AND ENVIRONMENT

Herambiente has developed an innovative business model that simultaneously responds to the needs of **local communities, the environment** and **businesses** in the pursuit of sustainability.

Underlying it all are state-of-the-art plant, technological and management solutions, capable of absorbing **urban waste** produced by the areas and also **industrial waste** from the production sector.

However, Herambiente goes even further. It works tirelessly to improve the circularity rate, maximising **recovery** and **recycling** and marketing increasing types and quantities of high-quality **secondary raw materials**.



## UTILITIES

Urban waste management serving the local area



Waste-to-energy  
HERAmbiente



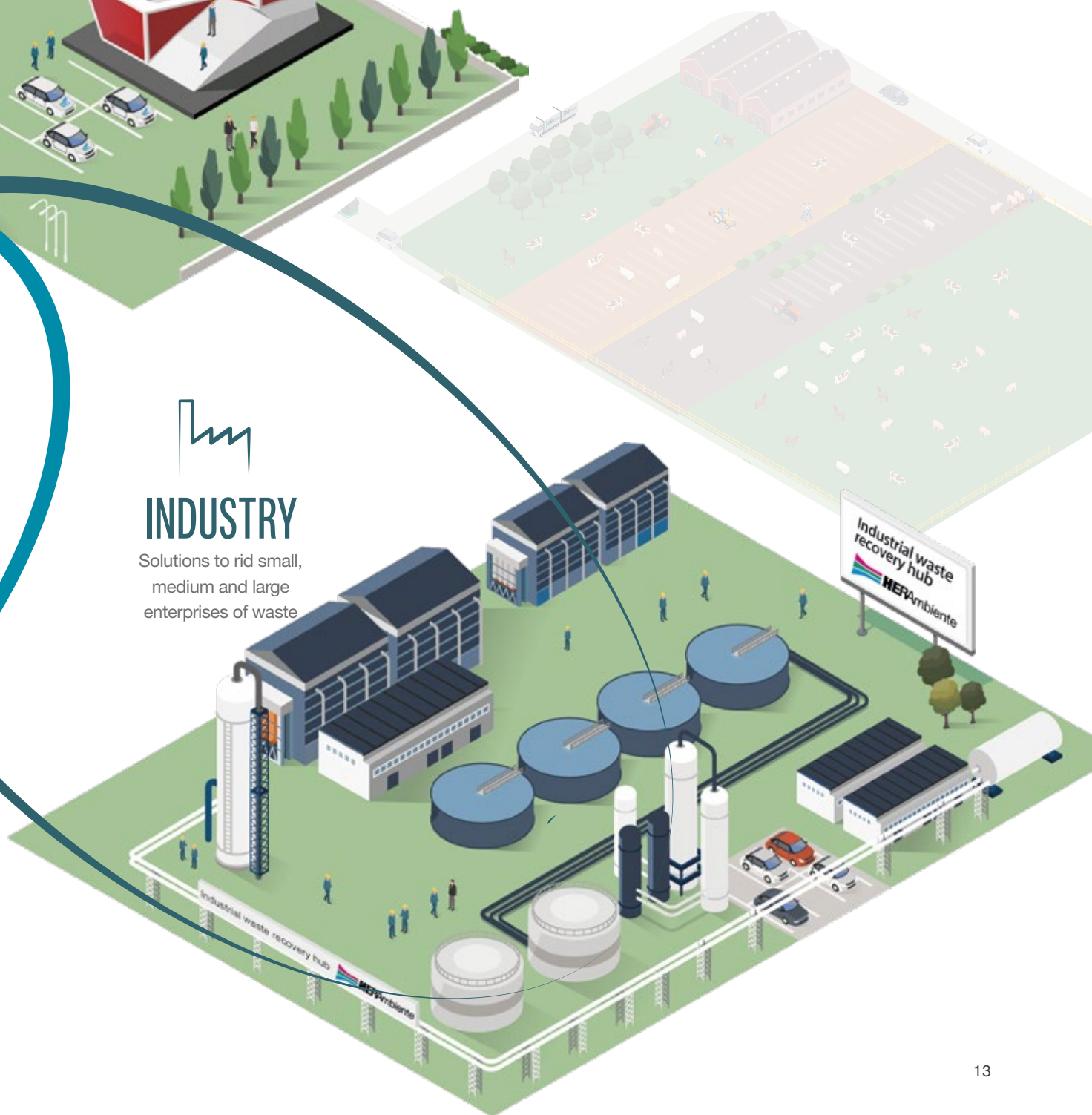
## RECOVERY

Regeneration  
and sale of  
secondary raw  
materials



## INDUSTRY

Solutions to rid small,  
medium and large  
enterprises of waste



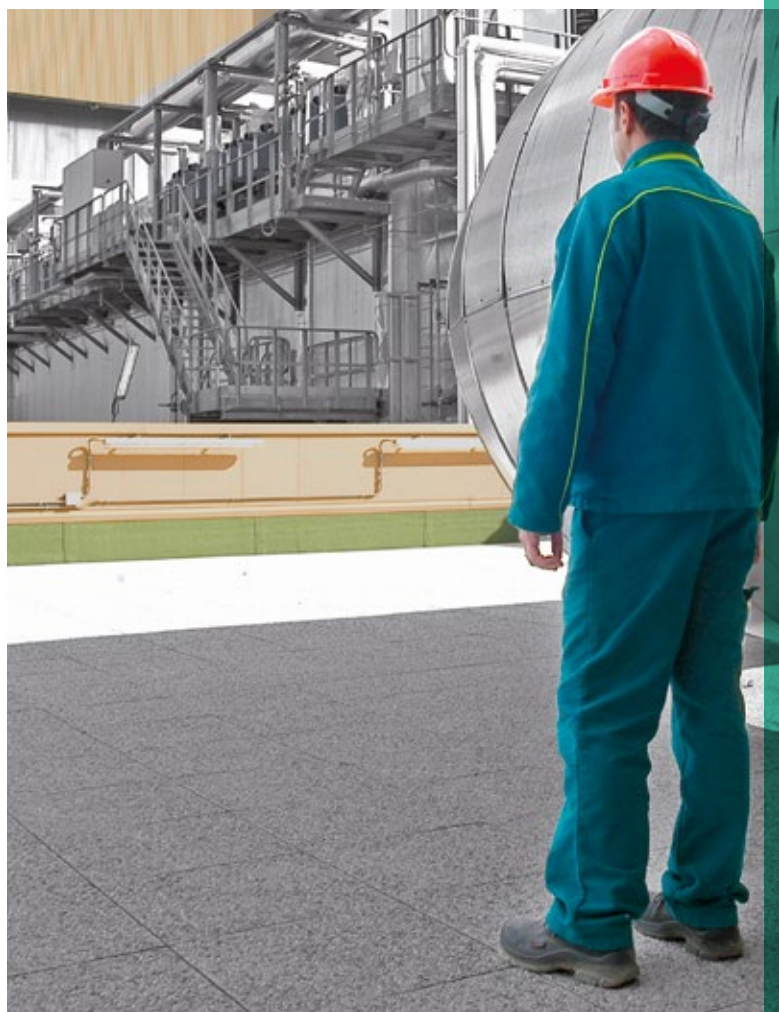


# GIVING VALUE TO LOCAL AREAS

Waste emergency? No thanks. With high-level plant infrastructures, innovative management solutions, advanced technologies and first-class know-how, Herambiente provides **utilities with valuable solutions for the well-being of all and the balance of the local areas.**

We see to the complete and correct treatment of waste and relations with the consortia of the recovery chain. Fully exploiting the public's commitment to separate waste collection, in particular, Herambiente treats

urban waste sustainably with its modern, automated selection plants. A proportion of the material is also recovered from the undifferentiated portion. We do this through mechanical biological treatment plants producing SRF (which can be used as fuel for industrial companies, cement works or energy production) and technical material. On top of this is the energy recovery of the remaining waste. Thanks to the waste-to-energy plants, the disposed portion is reduced and treated in a safe and certified manner.



**ABOUT 1,900 KTONNES/YEAR**  
of municipal waste treated



**OVER 900 KTONNES/YEAR**  
of waste marketed



**OVER 750 GWh<sub>e</sub>/YEAR**  
of Wte electricity production



**OVER 8 MILLION SM<sup>3</sup>/YEAR**  
of biomethane produced



**100 KTONNES/YEAR**  
of SRF produced



THE HERA GROUP ALREADY DELIVERS LESS THAN 3% OF ITS MUNICIPAL WASTE TO LANDFILL, CUTTING AND EXCEEDING THE BRUSSELS TARGET OF UNDER 10% BY 2035.



OUR ASSETS TO EXPLOIT ALL WASTE DELIVERED BY THE CITIZENS



MBT PLANTS



COMPOSTING/STABILISATION PLANTS



WASTE-TO-ENERGY PLANTS



LANDFILLS



# GIVING VALUE TO INDUSTRIES

**Herambiente Servizi Industriali (HASI)** has made the Herambiente Group Italy's leading industrial waste management company, which represents 80% of all waste produced in Italy. With more than **1,600 qualified professionals** and **100 certified facilities**, including **18 industrial waste treatment hubs**, HASI covers the **entire country**. It treats **any type of waste** (solid, liquid, hazardous and non-hazardous). Thanks also to state-of-the-art technologies, HASI offers more **than 5,000 companies** a wide range of **integrated and sustainable solutions**, essential to reduce companies' costs and enable them to participate in the circular economy. This is because the competitiveness of the country system and environmental protection are the same things.



**1.2 MILLION TONNES/YEAR**  
of industrial waste treated



**OVER 5,000**  
customers



## OUR ASSETS TO MANAGE INDUSTRIAL WASTE



**STORAGE  
PLATFORMS**



**PHYSICOCHEMICAL  
PLANTS**



**INERTISATION AND  
INDUSTRIAL SLUDGE  
TREATMENT PLANTS**



## INTEGRATED AND CUSTOMISED SOLUTIONS FOR MEDIUM AND LARGE INDUSTRIAL COMPANIES



### Global Waste Management

A single point of contact for: transport, treatment and recovery of all types of waste (hazardous and non-hazardous) also for large multi-site companies, regulatory consulting, environmental auditing, chemical analyses, remediation, and third-party management of private waste treatment plants, optimisation of production processes.



### Improvement plans

Customised projects to streamline waste management related to customers' production processes.



### Operation & Maintenance

Onsite management and maintenance of private waste treatment plants, including those supporting the production cycle for water treatment.



### Hera Business Solution

Not only waste. Hera Business Solution is the Hera Group's multi-business offer capable of: energy and water efficiency plans, design and construction of water and waste treatment plants, self-consumption energy production, chemical analyses, energy audits, ICT services, lighting system upgrading with LED technology.



### Remediation

A dedicated division capable of intervening in contaminated sites, whether in use or disused and also in unauthorised dumps or fuel sales outlets. Thus, it effectively responds to port authorities, reclamation consortia, private individuals, oil companies and steelworks with offsite, onsite and in situ solutions in terms of the circular economy.



**F3 WASTE-TO-ENERGY PLANT**



# GIVING VALUE TO RECOVERY

Herambiente manages millions of tonnes of waste annually and is committed to reducing it. Responding to the utilities and corporate market, its objective is always the same: **to extend the life cycle of all materials as much as possible**, regenerating them to obtain sustainable **biofuels and fertilisers** and **high quality recycled polymers** and any other second raw material, from paper to glass, that can be given a new lease of life, also benefiting the environment.



**150 KTONNES/YEAR**

of plastics sent for recycling/  
recovery



**155 KTONNES/YEAR**

of paper or cardboard sent  
for recycling/recovery



**OVER 8 MILLION SM<sup>3</sup>/YEAR**

of biomethane produced



**50 KTONNES/YEAR**

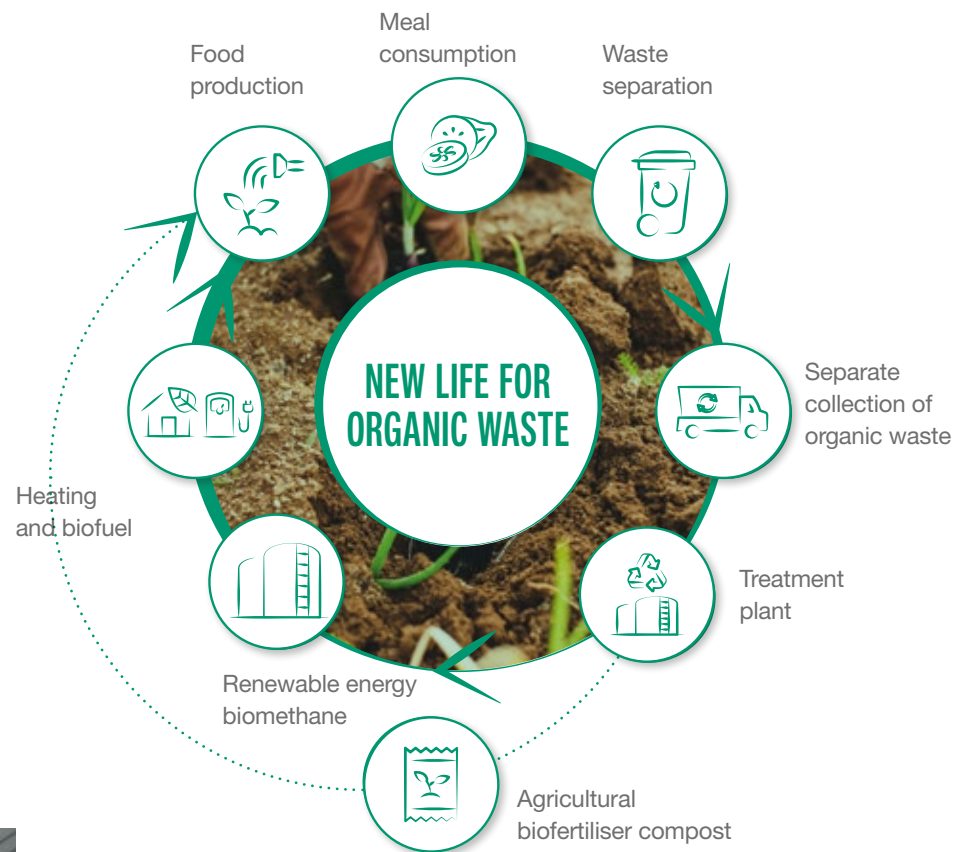
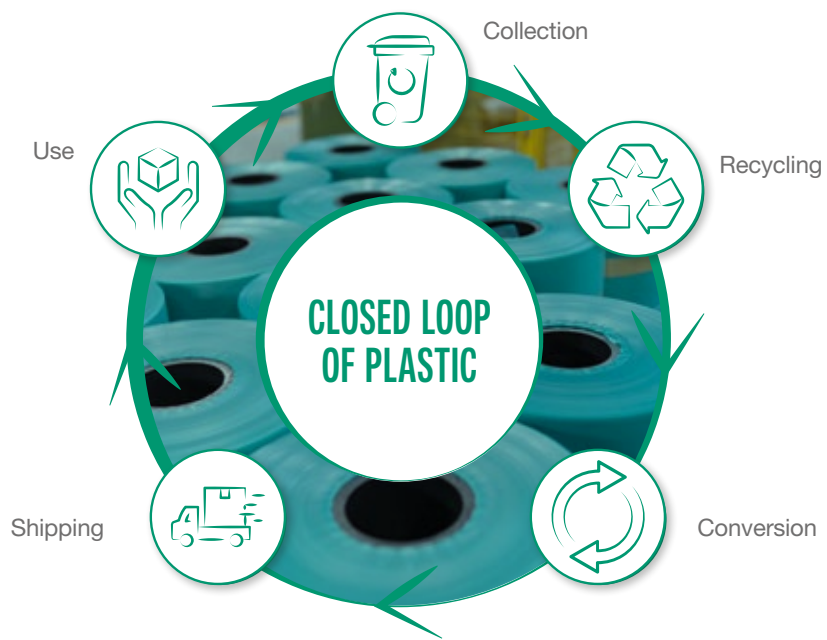
of biofertiliser from organic  
fraction MSW and green  
waste and pruning material



**840 GWh<sub>e</sub>/YEAR**

of electricity produced in  
our plants







# ON THE FRONTIER OF CHANGE

In fully implementing all the circular economy possible today, Herambiente, accredited in Italy as a true pioneer, is looking even further ahead. It is already focusing on innovative, cutting-edge plant

technologies that raise the bar for the entire sector and thus sees through - year after year - its mission to reduce waste and maximise recovery.

## ONGOING PROJECTS



### RIGID PLASTICS

Implementing a plant solution capable of producing high quality secondary raw materials from currently non-recycled plastics, benefiting the sustainability of industries ranging from automotive to electronics.



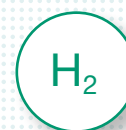
### CARBON FIBRE

Exploiting the almost infinite recyclability of carbon fibre, using industrial scrap to produce a product identical to virgin material that can be reused by the automotive, marine and aerospace industries.



### POLYSTYROL

Providing a circular alternative solution to the current destination of polystyrene in landfills or waste-to-energy.



### HYDROGEN FROM WASTE-TO-ENERGY

Using waste-to-energy plants to produce green hydrogen that can be used in fertiliser production, or as fuel for sustainable mobility, or for injecting in blended form in the gas network.



### PHOTOVOLTAICS ON DISUSED LANDFILLS

Redeveloping disused landfills into solar energy farms.



### TEXTILE REUSE AND RECOVERY

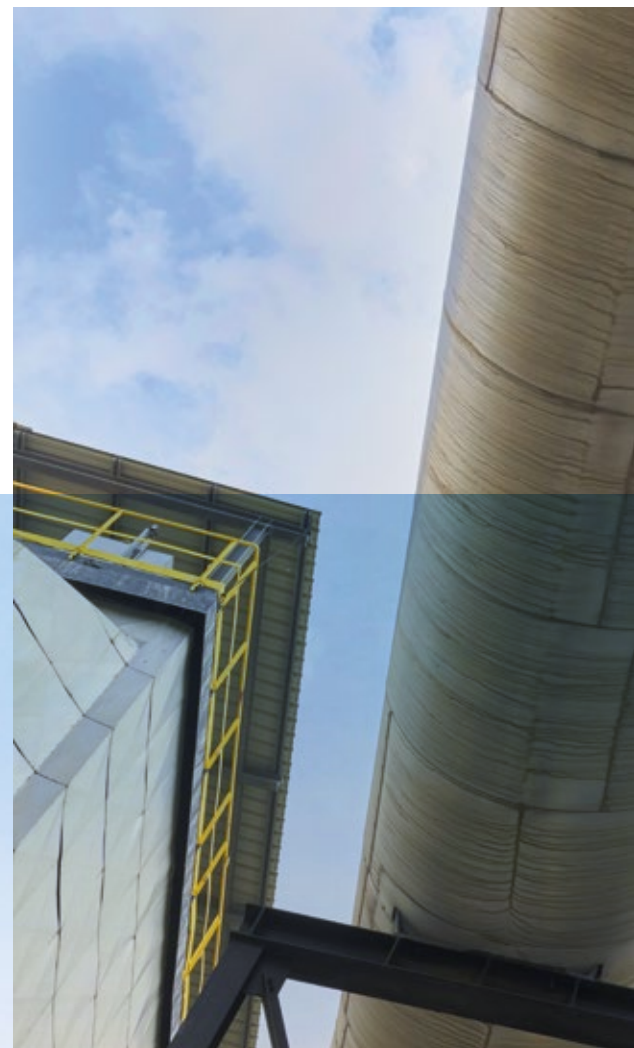
Reusing, recovering and recycling textile waste helps to reduce the environmental impact of a textile industry that is as energy-intensive as it is water-intensive.

# ROAD TO THE FUTURE

In a context characterised by increasingly disruptive innovations and frequent system crises, **Herambiente has never interrupted its path of sustainable growth**, in line with that of the Hera Group. It continues to pursue its long-standing policy that has always rewarded **infrastructure and skills**, bringing value to all stakeholders and enhancing the resilience of the companies and territories served.

Keen to support sustainable economic development, Herambiente focuses on investments, technological innovation, strategic partnerships and frontier plants and also on the progressive and gradual enlargement of the company perimeter, aiming to include in the Group's portfolio the best excellences in the sector. Thus broadening the spectrum of regenerable materials and consolidating its national and international leadership in the full exploitation of waste.

The goal is to continue to create value and enable companies and local areas to participate in a **circular economy** with increasingly solid growth prospects, to contribute - in everyone's interest - to a **better future**.





**TARGET 2030**  
**+150% RECYCLED PLASTIC**  
(compared to 2017)



**TARGET 2030**  
**OVER 30 MILLION CUBIC METRES**  
**OF BIOMETHANE PER YEAR**



**TARGET 2030**  
**PACKAGING RECOVERY**  
Over 80%\*



**1.1 BILLION INVESTMENTS**  
**IN THE ENVIRONMENT SECTOR**  
of the Hera Group by 2025\*

\* values referring to the Hera Group perimeter

DISCOVER THE  
HERA GROUP  
SUSTAINABILITY  
REPORT



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## PRINTING:

Grafiche Antiga SpA

Paper used for this project: Gardamatt

Finished printing June 2022

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