

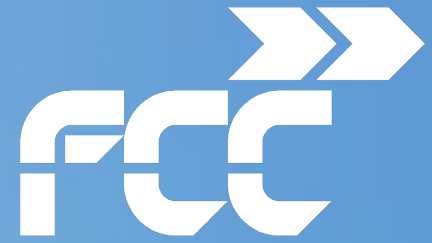


Servicios Medio Ambiente

Business Development, Communications & External Affairs

# Corporate Presentation

2025



Servicios Medio Ambiente

**1. FCC GROUP**

**2. FCC Servicios Medio Ambiente Holding**

# FCC GROUP



FCC Group	3
Key Figures	4
Diversified business model	5
Leadership position in all areas	8
International presence	9
Integrated Offer	10
Corporate Governance Structure	11
Management team	12



125 years  
of experience



**Leader** in Environmental  
Services, Water,  
Infrastructure Development &  
associated products, and  
Real Estate



Over  
71.000  
employees



Working in over **25 countries**,  
51% of revenue comes from international markets



High degree of  
**revenue stability**



**Comprehensive range**  
of services

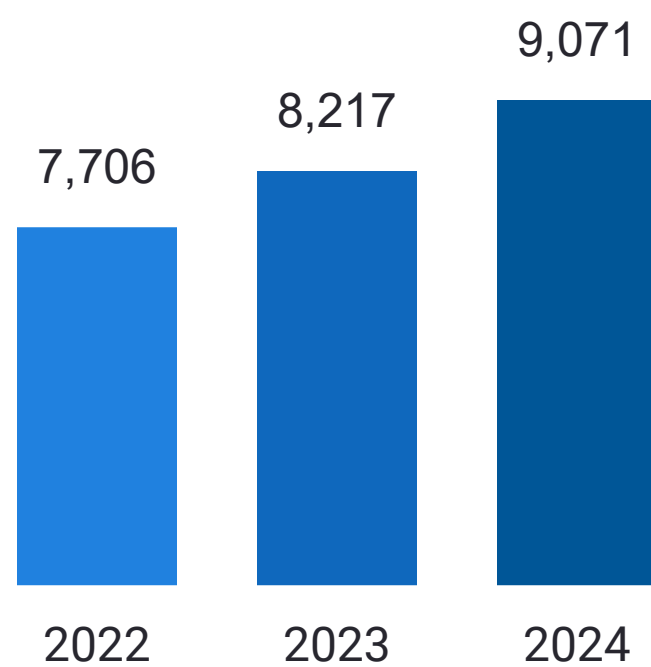


€9,071 M Revenue  
€1,435 M EBITDA in 2024

## Key Figures 2024

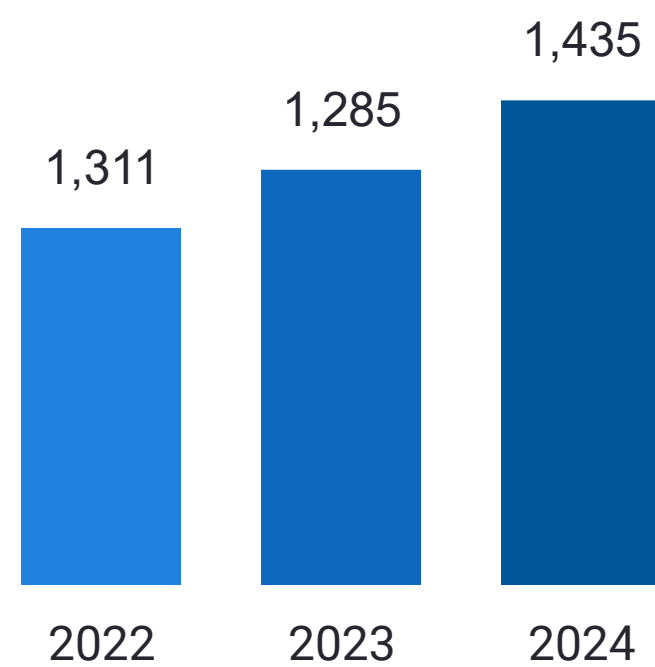
### Revenue

In M€



### EBITDA

In M€



### Backlog

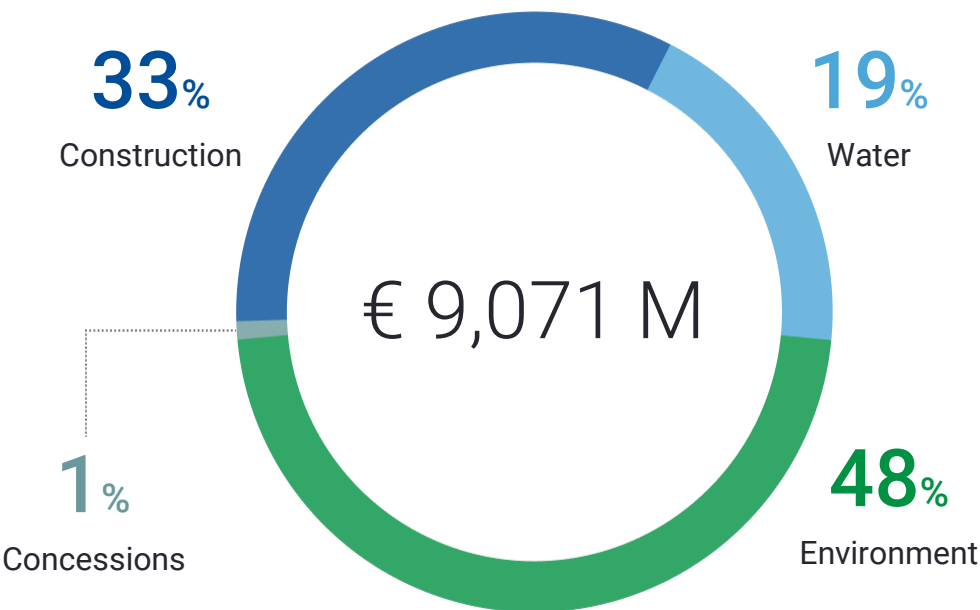
€ 43.044 M

Dec. 31, 2024

### Employees

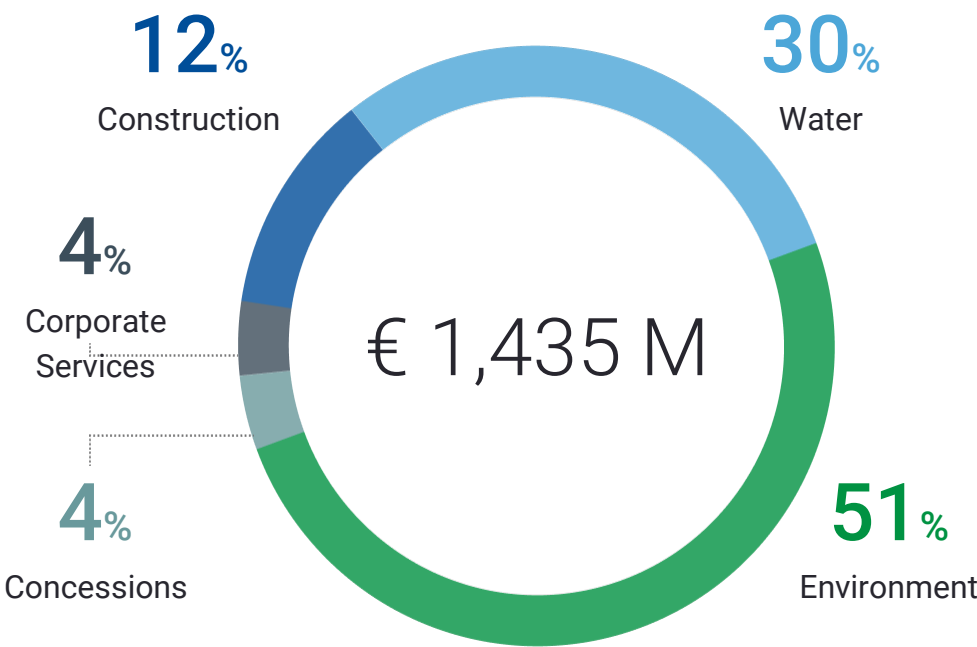
+71.000

## Diversified business model



### Revenue per business area 2024

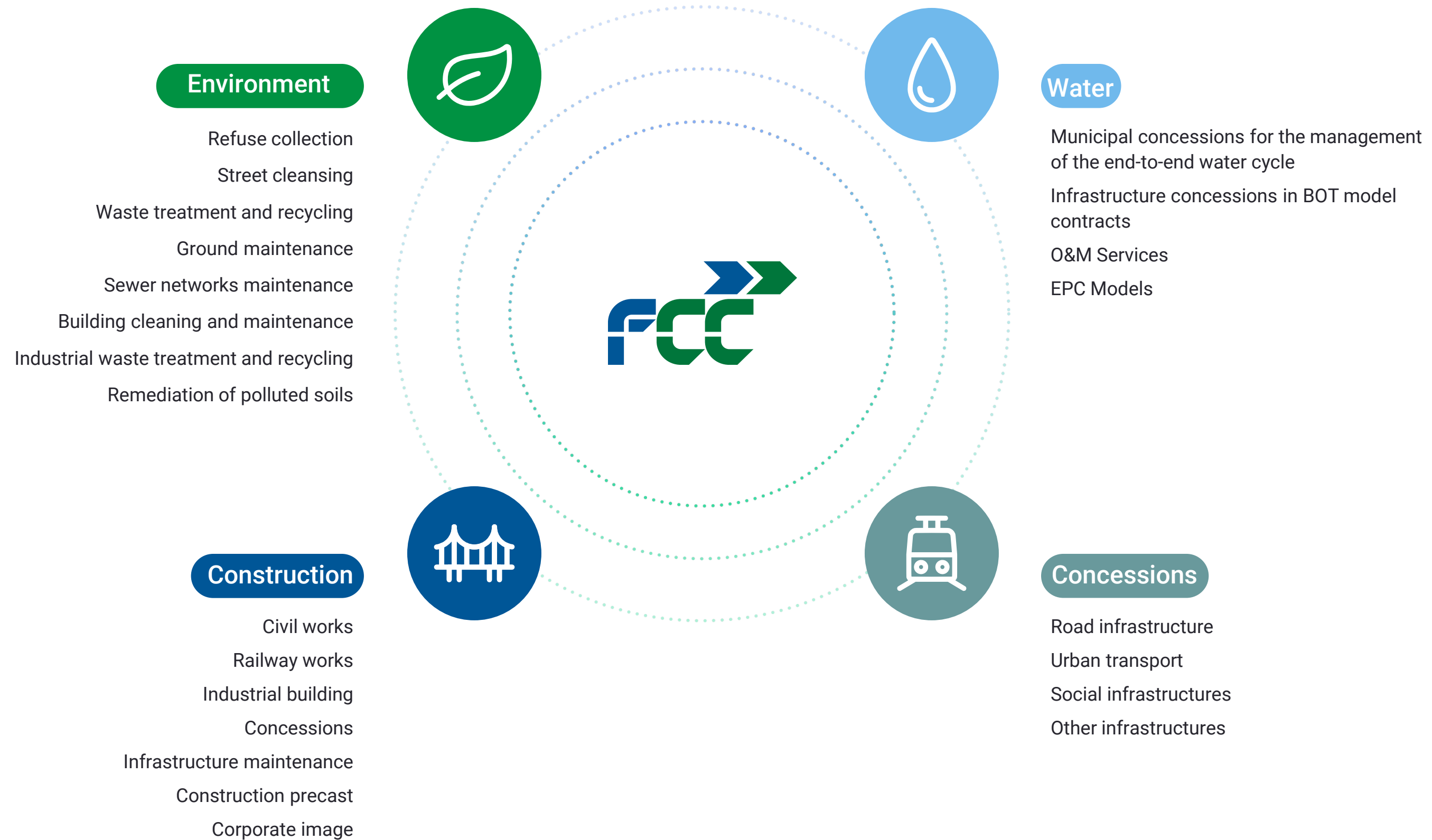
Environment	€ 4.346 M
Water	€ 1.675 M
Construction	€ 2.991 M
Concessions	€ 78 M
Corporate Services	€ (19) M



### EBITDA per business area 2024

Environment	€ 732 M
Water	€ 425 M
Construction	€ 170 M
Concessions	€ 55 M
Corporate Services	€ 53 M

## Diversified business model



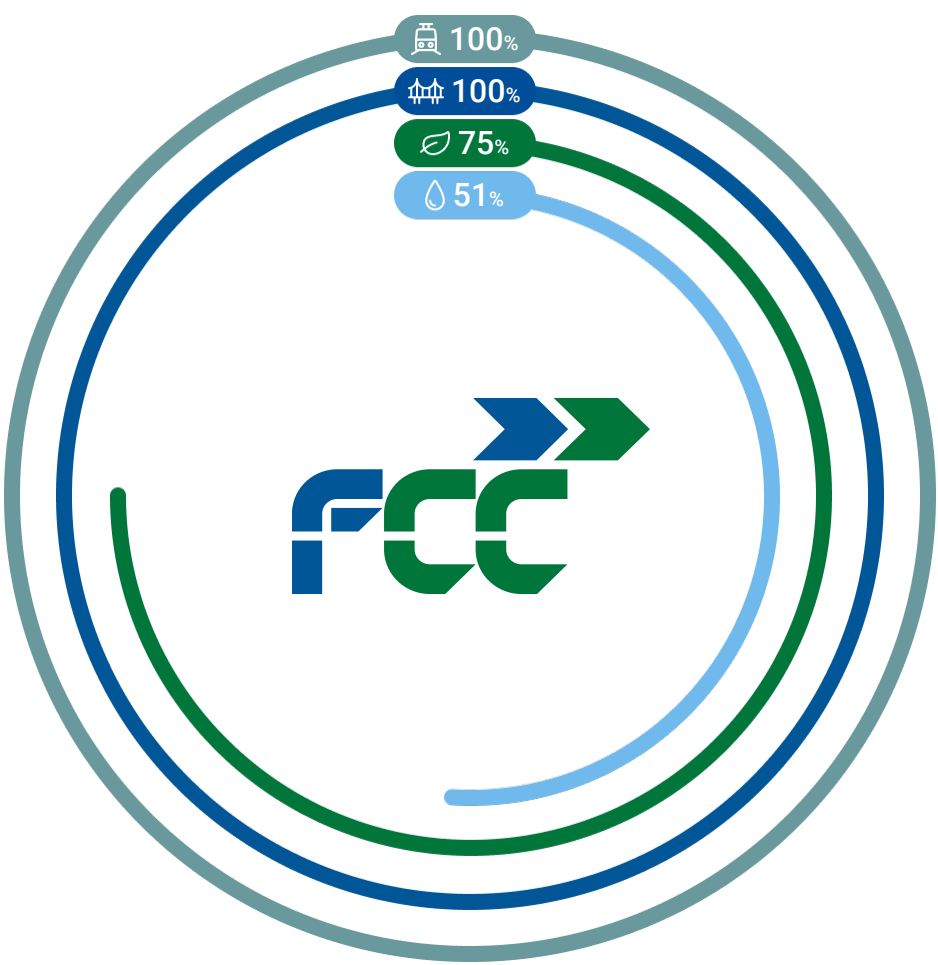
Diversified business model

 **FCC Servicios Medio Ambiente Holding**

FCC Medio Ambiente	100%
FCC Ámbito	100%
FCC Environnement France	100%
FCC Meio Ambiente Portugal	100%
FCC Environment UK	100%
FCC Environment CEE	100%
FCC Environmental Services USA	100%

 **Concesiones**

FCC Concesiones	100%
-----------------	------



 **Aqualia**

Aqualia Czech	100%
GGU	80%
	-

 **FCC Construcción**

FCC Industrial	100%
Matinsa	100%
Prefabricados Delta	100%
Megaplás	100%

*\*Diverse share participation*

# Leadership position in all areas



## Environment

#1 in Spain<sup>1</sup>  
 #5 in EU<sup>1</sup>  
 #1 in end-to-end waste management in Central and Eastern Europe<sup>1</sup>  
 Among top 15 in USA<sup>1</sup>  
 Among top 7 in the world<sup>1</sup>

## Water

#1 in Spain<sup>2</sup>  
 #4 in Europe<sup>2</sup>  
 #9 in the world<sup>2</sup>

## Construction

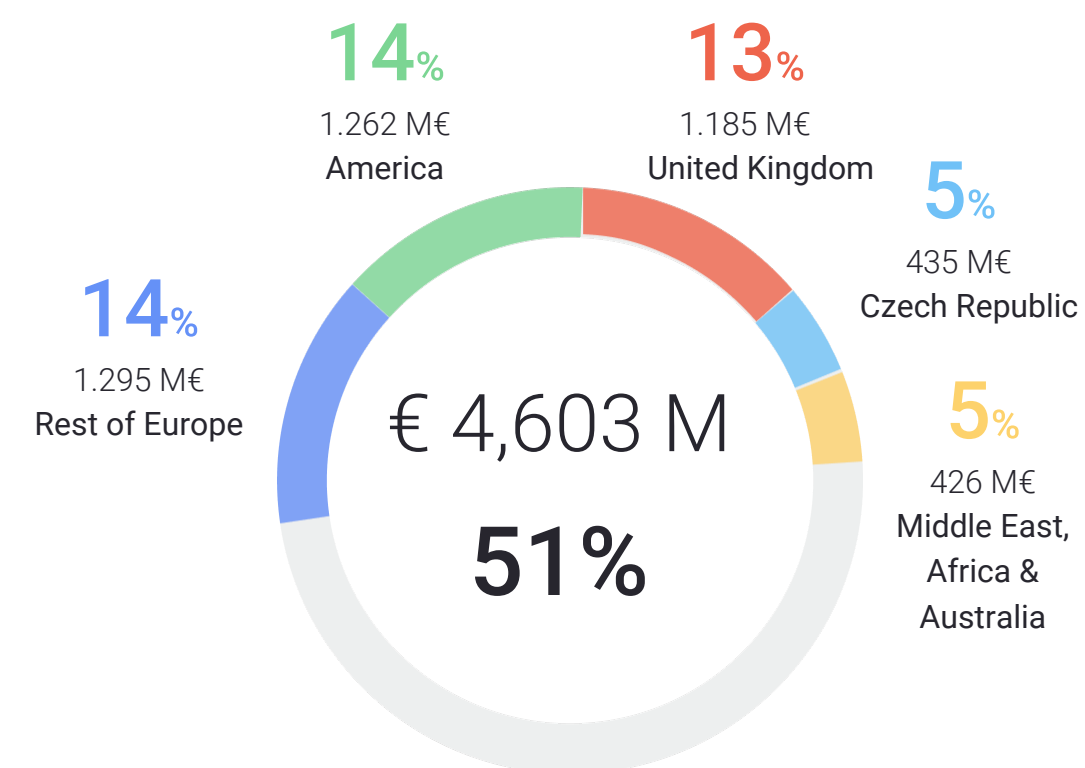
#3 in Spain<sup>1</sup>  
 Among top 15 in Europe<sup>2</sup>  
 #34 in the world<sup>3</sup>

## Concessions

Among the top 10 concessionaires in Europe

1 By revenue volume  
 2 Source: December 2022 GWI Ranking  
 3 ENR Top 250 Contractors

International Revenue 2024



International Backlog

€ 25,635 M

60% of the total, Dec. 31, 2024

### Advanced technology

In-house technology for waste collection and street cleansing

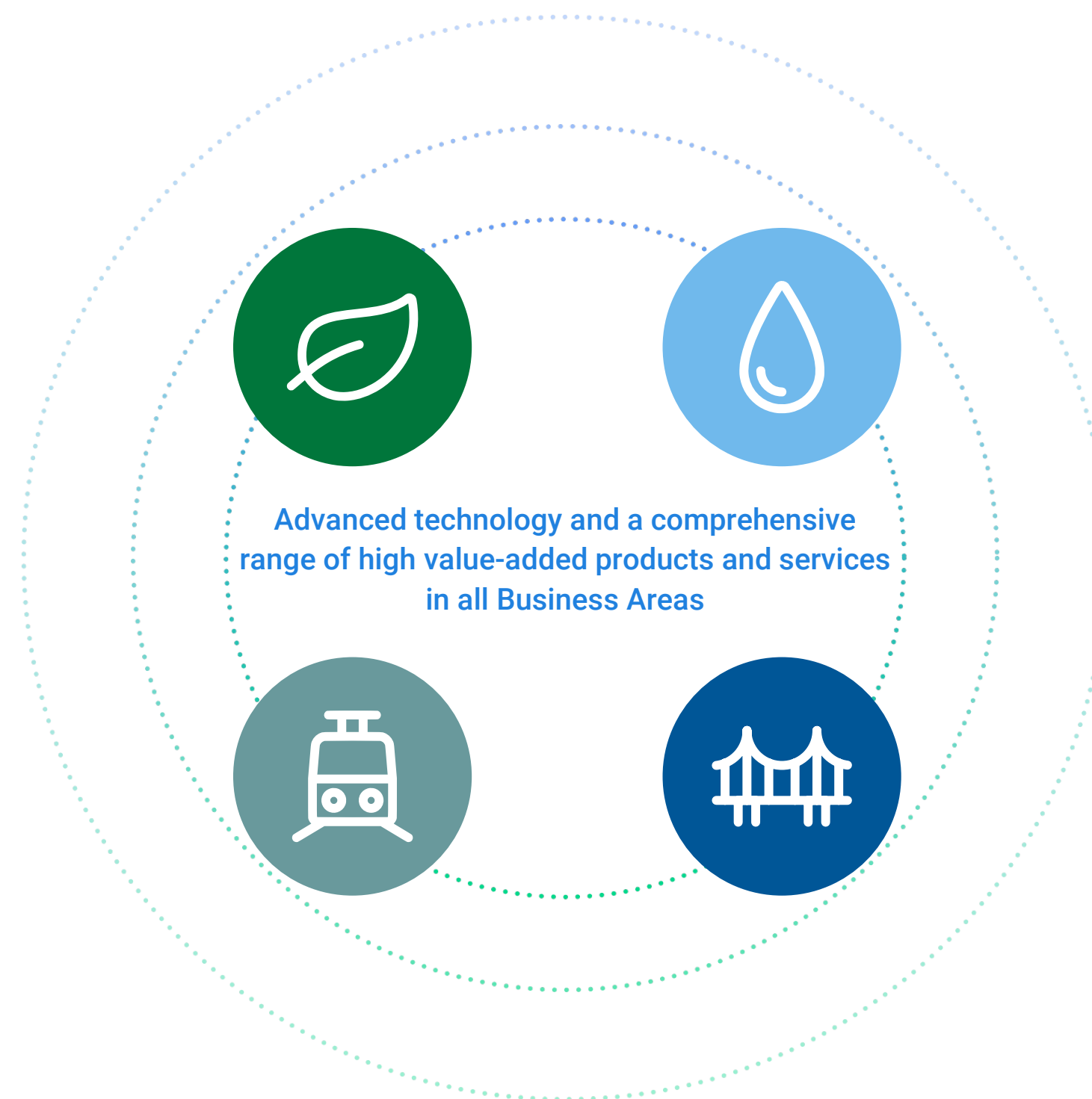
Leadership in recycling and waste-to-energy systems

Experts in providing solutions at all stages of the water management cycle for all users: residential, agricultural and industrial, meeting needs of institutions and public and private organisations

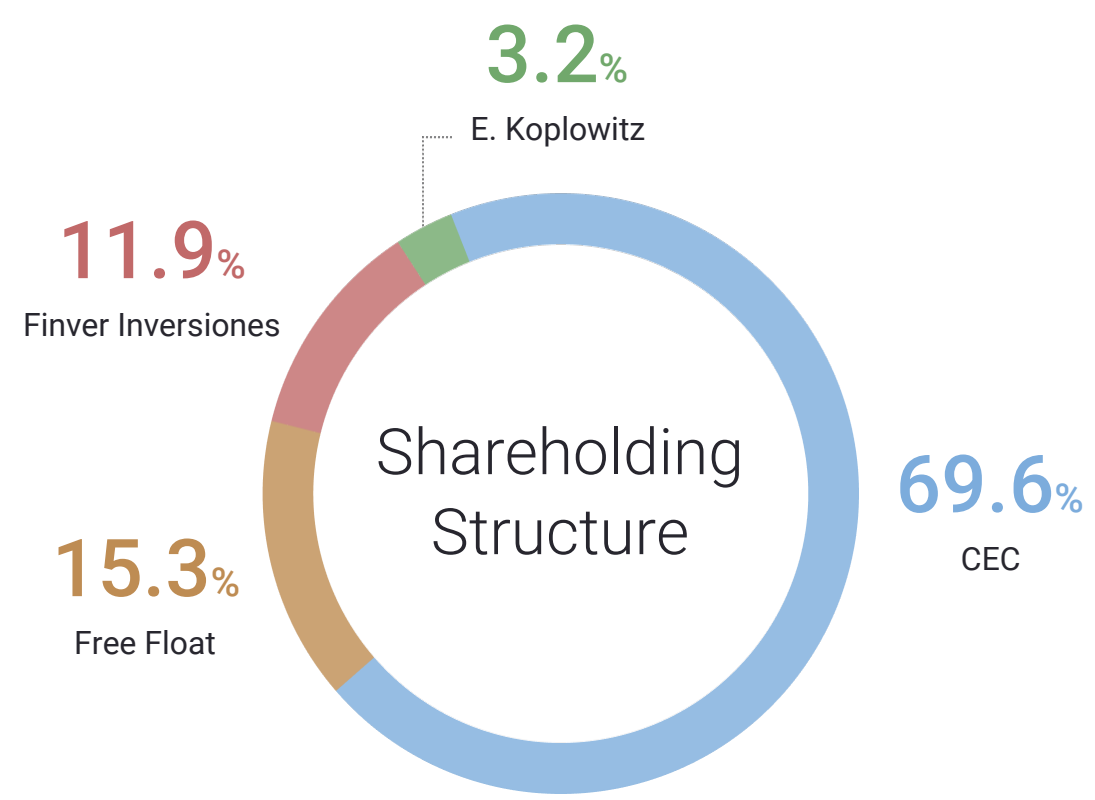
Specialists in technically complex bridges and harbours

Innovative processed for high-speed lines, underground railways and tunnels

Specialist in turnkey projects in the industrial sector



Corporate Governance Structure



Composition of the Board

- 11 members
  - 8 Proprietary Directors
  - 2 Independent Directors
  - 1 Executive Director

Audit and Remuneration Board Commissions

Chaired by independent members  
Majority of independent members



Management team

**Esther Alcocer Koplowitz**  
FCC Chairwoman

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**Pablo Colio Abril**  
CEO

Business Areas

**Íñigo Sanz Pérez**  
Environment

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**Santiago Lafuente Pérez-Lucas**  
Water

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**Pablo Colio Abril**  
Construction

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**Ramón Gómez Andrío**  
Concessions

# FCC Servicios Medio Ambiente



Activities	15
Main features	16
Key figures	17
Business structure	18
International presence	19
Global leader	21
Committed to innovation	25
Committed to AI	30
Committed to inclusion	31
Awards and relevant projects	32



## Environment

- Municipal Solid Waste Collection
- Street Cleansing
- Municipal Solid Waste Treatment & Recycling
- Ground Maintenance
- Sewerage System Maintenance
- Industrial Waste & Recovery of Soils

## Main features

FCC Group

Environment



Providing services to cities **since 1911**



**Top 7 in the world**



Serving over **78 million** citizens



Over **860 waste** treatment, recycling and disposal centres



**ISO 50001** certificated Comprehensive Energy Management



Managing **26,9 million** tonnes of waste per year



Operating in over **5.650 municipalities**



**4,217 sustainable** vehicles (CNG, electric, hybrid and bi-power)



Over **54,000** employees



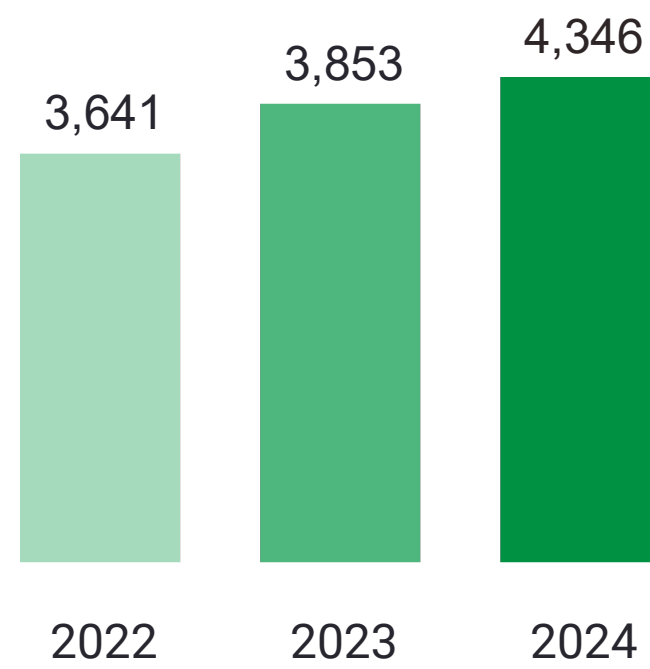
**Inclusion of underprivileged** groups in the workplace



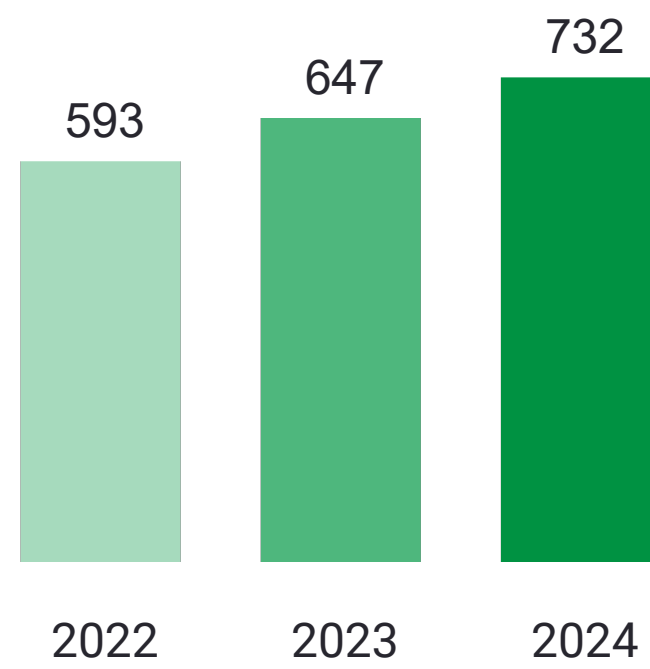
Most technologically advanced vehicle fleet in the world, nearly **23,000 units**

## Key figures 2024

### Revenue In M€



### EBITDA In M€



### Backlog

€ 14,110 M

Dec 31. 2024

### Employees

54,000





Medio Ambiente



Meio Ambiente



Environnement



Ámbito



Environment



Environmental Services

Atlantic

FCC Medio Ambiente

FCC Meio Ambiente (Portugal)

FCC Environnement (France)

FCC Ámbito (Industrial Waste)

2024: € 2,384.1 M Turnover (54.85% of the area); € 370.9 M EBITDA

- Spanish market leader
- More than 110-year experience in waste management and urban services
- Technological development and innovation
- Spanish market leader
- Strong presence in Portugal

Other platforms

United Kingdom

Central & Eastern Europe

USA

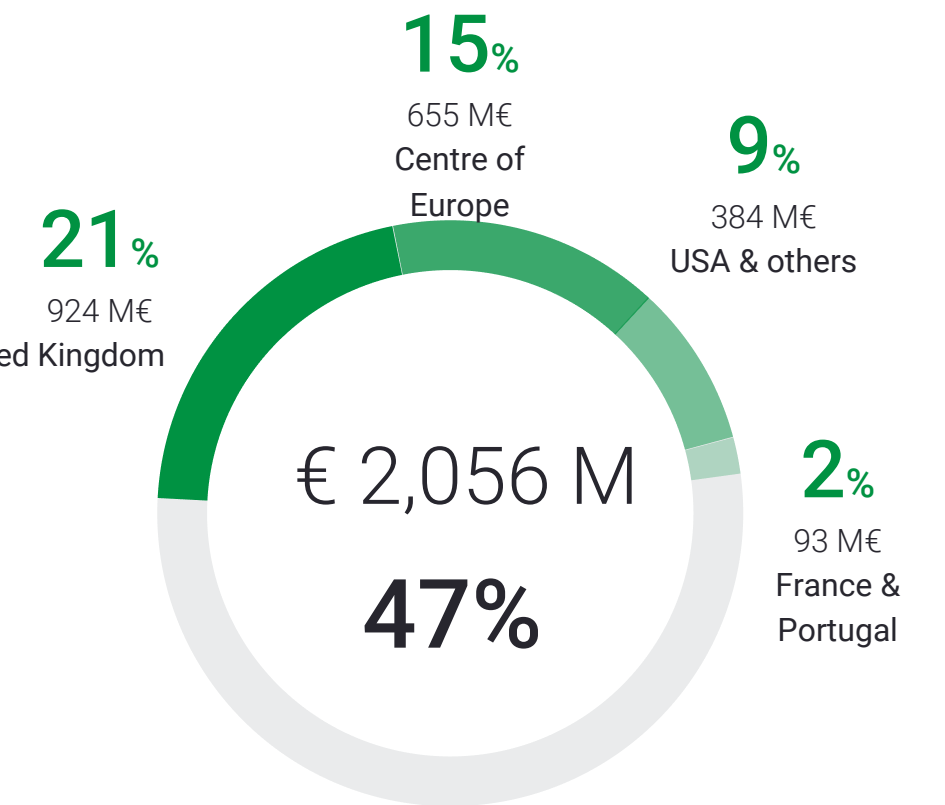
2024: € 1,962.2 M Turnover (45.15% of the area); € 360.7 M EBITDA

- FCC Environment UK
- FCC Environment CEE
- FCC Environmental services

## International presence



## International Revenue 2024



## International Backlog

€ 5,609 M

40% of the total  
Dec. 31, 2024

Global leader

Experience

Among the top 7 companies in the world, we have been providing services for **over 110 years**

Comprehensive

We offer a **complete range of environmental services**, from Municipal Waste Collection to the most advanced Waste Treatment and Recycling systems

Innovation

With internal R&D&I resources that allow us to offer the most innovative solutions to our customers. **21 projects registered** to date in the internal **R&D&I certification system UNE 166002**

Sustainability

Committed to cities in offering **socially, economically and environmentally sustainable solutions**

Smart Services

We help cities to be more **effective and resource-efficient**, more **sustainable and more socially responsible**



Global leader

## Incineration with production of Renewable Energy

**13 Waste-to-Energy projects**

**410 MWe** power output

**3.8 million** tonnes annual capacity

Zistersdorf (Austria) / 173,600 tpa



Allington (United Kingdom) / 500,000 tpa



Global leader

## Massive-scale Mechanical-Biological Treatment



### **Ecopark of Barcelona**

One of the largest facilities in the world

- Operating since 2003
- Recycling, anaerobic digestion and composting facilities
- Treatment capacity: 264,000 tpa
- Population served: 542,000 inhabitants



### **Biomethanization Plant Las Dehesas**

(Technological Park Valdemingomez/ Madrid)  
The world largest anaerobic digestion facility

- Operating since 2009
- Anaerobic digestion (5 digestors x 3,600 m<sup>3</sup>)
- Treatment capacity: 220,000 tpa  
(100% Selective Organic Fraction as the input)
- Population served: 3 million inhabitants

Global leader

Municipal Services since 1911



**Madrid, 1940**

3 million inhabitants



**Valencia, 1957**

790,000 inhabitants



**Barcelona, 1911**

1.6 million inhabitants



**Zaragoza, 1941**

700,000 inhabitants



**Bilbao, 1972**

350,000 inhabitants

Global leader

FCC Group

Environment

## Renewable energy from sanitary landfills

FCC recovers biogas from many landfills for use as renewable fuel.

Programme for developing more than 100 MW of wind and photovoltaic energy in United Kingdom landfills.

## Committed to innovation

### E-mobility: the future of Urban Services is today

FCC Medio Ambiente developed the first industrial **e-mobility chassis-platform for Urban Services**, an actual **breakthrough** to achieve smarter and more sustainable cities:

**Versatile:** adjustable to every function in urban services and every power requirement.

**Efficient:** Range and performance equal to any combustion vehicle, with a 50% lower energy consumption.

**Zero Emission Vehicle** – Great Carbon footprint reduction.

**Circular:** 100% recycling components and extended lifespan.

### New e-mobility Platform for Urban Services Vehicles

Awarded the **Smart City Awards 2019** in the 'Innovative Idea' category.

Awarded the **2019/2020 European Business Awards for the Environment** (EBAE Awards) in the products & services category.

Awarded the **Ecological Industrial Vehicle of the Year 2021** in the mixed category, at the National Transport Awards.



## H2TRUCK Project

### Research and Development of a New Heavy-Duty Vehicle for Urban Service Applications with Battery-Hydrogen Fuel Cell Hybrid Technology.

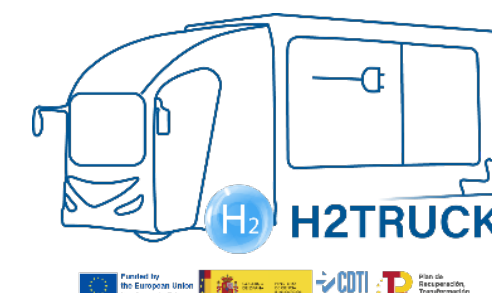
Heavy-duty chassis-platform with electric 100% drive.

Powered by a hydrogen cell and lithium-ion battery hybrid system that is completely environmentally friendly.

Can be applied in the future to any equipment or machine that provides urban services, regardless of the number and layout of axles or the bodywork installed

**Successful world presentation** at the Smart City Expo World Congress 2024 in Barcelona.

**Winner of the Smart City Awards 2024** in the 'Energy and Urban Environment' category.



## Recovery of critical raw materials from municipal solid waste (MSW)

**MINETHIC**'s general objective is the research of new sources of non-conventional mining raw materials, both industrial and urban, for the Green Transition. New technologies will be researched that will enable the recovery and valorisation of critical raw materials generated in urban and industrial activity, thus reducing the consumption of natural resources



## Recovery of slag from MSW incineration



**ECO2D4.0 (ZL-2023/00884)**: Development of comprehensive solutions for the functional and environmental monitoring of road infrastructure. It aims to research new applications for waste management in cases where there are few recovery methods, such as ferrosite, incineration slag and foundry sands, although milling waste and black slag are also included.

**RSU4HOM** It aims to minimise the environmental impact of landfilling slag of incineration from two plants in Zubieta (Guipúzcoa, Spain). The intention is to recover this waste and use it as aggregate in the manufacture of construction materials (concrete, mortar and precast concrete).

## Mitigation of environmental impact

**LIFE ABATE (LIFE-2022-SAP-ENV 101113838)**: It seeks to improve the sustainability of mechanical biological waste treatment plants by demonstrating the benefits of an innovative technology for reducing emissions of non-methane volatile organic compounds (NMVOCs) and CO<sub>2</sub>.



## Leading a circular economy for plastic



**LIFE ZEROLANDFILLING (LIFE2022/SAP/ENV/ES/101114213):** proposes an innovative management model for treating non-recyclable municipal waste (non-recyclable plastics and bio-waste) by means of pyrolysis that currently ends up in landfill, generating value-added products such as green naphtha, charcoal and synthetic gas, presenting a sustainable and competitive zero-waste solution.



**PROSPER (101157907 / HORIZON-JU-CBE-2023):** proposes a solution for the classification and recycling of bio-based plastics through the reactivation of bioplastics present in the packaging market, using new AI classification systems in treatment plants and improving mechanical and chemical recycling systems.



**LIFE PLASMIX (LIFE18 ENV/ES/000045):** has demonstrated the technical and economic viability of the material recovery of mixed plastics from municipal solid waste, showing that the recycled material not only meets quality standards, but is also suitable for practical and sustainable applications, such as the manufacture of fruit boxes and street furniture (plant pots, slides, traffic cones, etc.).

## Renewable fuels

**ECLOSION (MIG-20211071):** seeks to create new materials, technologies and processes for the generation, storage and transport of hydrogen and biomethane from urban waste, agro-food waste, wastewater and sewage sludge. FCC Medio Ambiente is researching the dark fermentation process using the organic fraction of MSW as a substrate.



**LIFE LANDFILL BIOFUEL (LIFE18 ENV/ES/000256):** has obtained hydrogen from biogas resulting from dark fermentation using organic fraction of MSW as a substrate. The project has powered light and heavy vehicles that have travelled more than 30,000 and almost 40,000 kilometres respectively with the biomethane produced from landfill biogas.



## Creation of new by-products and biomaterials



**BIOPROLIGNO (CPP2022-009647):** seeks to demonstrate the effectiveness of three bioproducts obtained by the pyrolysis of lignocellulosic waste: wood vinegar as a substitute for herbicides in both gardening and infrastructure maintenance and as a stimulator in composting; biochar as a soil improver and compost additive; and biobitumen as a binder in asphalt mixes for the repair of bituminous pavements.

**LUCRA (101112452 – HORIZON-JU-CBE-2022):** will use organic waste from the food and horticultural sectors and wood residues from the EU as raw material for the large-scale production of high-yield chemical bioproducts through the electrochemical extraction of succinic acid using a circular economy biorefinery approach to reduce dependence on fossil resources, the cost of bio-succinic acid and 50% of GHG emissions compared to conventional succinic acid.

**DEEP PURPLE** proposes a synergistic and comprehensive treatment for the valorisation of three types of bio-waste: OFMSW, sludges from wastewater treatment plants (WWTP) and urban wastewater, by means of a multi-platform photobiorefinery based on phototrophic purple bacteria, producing five new bioproducts with commercial value in plastics, construction and fertilizers industries.

**UNITED CIRCLES (101178798/ HORIZON-CL4-2024-TWIN-TRANSITION-01):** the main objective is to accelerate transition towards a fully decarbonised future, where waste and water cycles are closed. The aim is to demonstrate the transformation of waste into new recycled products by promoting the urban-industrial symbiosis. It seeks to reduce waste generation through recovery and reuse in new industrial applications along the entire value chain through seven Circularity Hubs.

**BIOMET** seeks to develop and optimise a new generation of bioreactors for pre-treatment and biomethanisation of biogas (both landfill and digester) into biomethane. It will investigate the microbiology of conversion processes to eliminate contaminants from biogas in a more efficient and sustainable way, while also increasing knowledge of biogas and biomethane produced from organic waste.

## Committed to Artificial Intelligence

### Street cleansing inspection vehicle with AI

Visual recognition using AI to detect waste left beside containers



Developed by the Information Technology department and the Madrid branch of FCC Medio Ambiente in collaboration with a company specialising in AI, Advisory Experts.

Data feed device through artificial vision, visual sensors and the development of algorithms based on AI and Machine Learning.

Reduction of the average intervention time by more than 50%, increasing efficiency

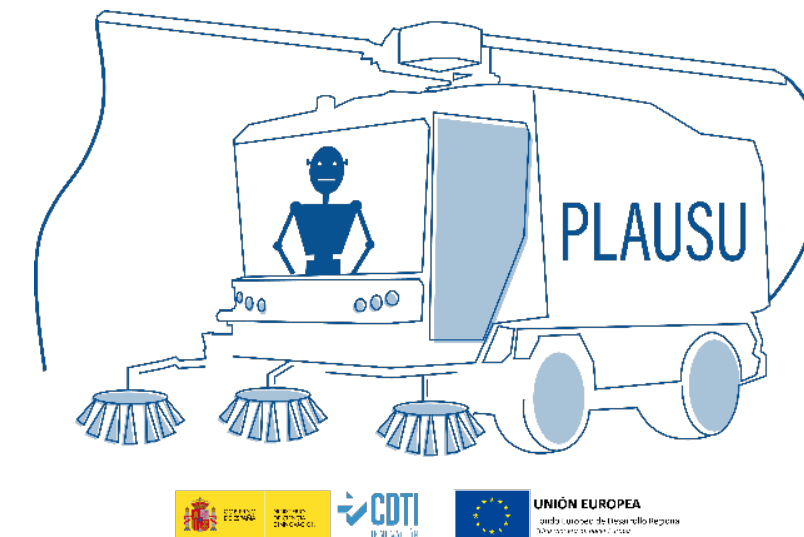
### PLAUSU Project

Autonomous Platform for Urban Services (PLAUSU). Research and development of automation technologies focused on the operation in autonomous mode of an urban service platform for cleansing works.

100%-electric chassis-platform.

Dual wash down-sweeper vehicle.

Remote control, GPS positioning and perception by LiDAR.



## Committed to inclusion

## FCC Equal

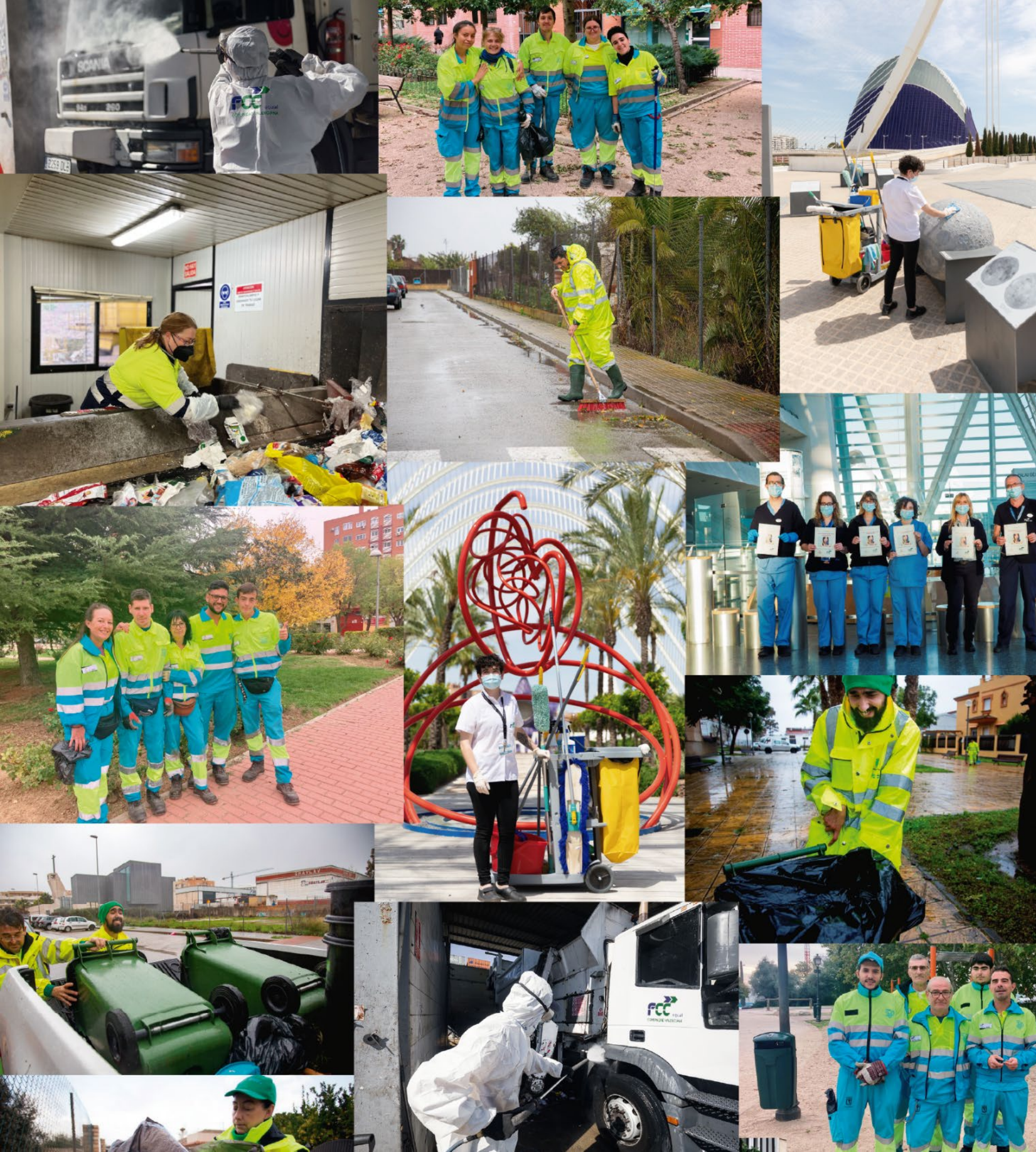
FCC Equal is a **Special Employment Centre** whose aim is the **social and labour integration and training of people with disabilities**, as well as the improvement of their health and safety conditions.

It also seeks to provide them with skills, abilities and competencies for their professional development in the company.

Along last year:

- 219 job offers
- 1,423 candidates analysed
- 439 people integrated

Currently all activity with specialised organisations is channelled through the **Incorpora Foundation**.



## Awards and relevant projects

### Waste Collection lot 1 (West Area) Madrid, Spain

Since 1940.  
1 million inhabitants.  
€455 million. 6 years.  
209 ECO or Zero-emission vehicles, 950 people / 390,000 tpa



## Awards and relevant projects

### Waste collection and street cleansing in Valencia, Spain

Since 1957.

365,000 inhabitants.

€525.89 million.

200 ECO and Zero-emission vehicles and machines. 550 people / 140,000 tpa / 2.3 million m<sup>2</sup> of cleaned area.



## Awards and relevant projects

Waste collection, street cleansing and sewerage system maintenance.

L' Hospitalet de Llobregat, Barcelona, Spain

Since 1960.

260,000 inhabitants.

€400 million. 10 years.

136 ECO and Zero-emission vehicles. 500 people / 88,500 tpa /

230 km of streets / 232.4 km of sewage network.



## Awards and relevant projects

### Waste collection and street cleansing (Lot 1). Bilbao, Spain

Since 1972.  
346,000 inhabitants.  
€268 million. 5 years.  
300 vehicles and machines, 33% ECO. 900 people /  
143,000 tpa / 1,000 km of streets.



## Awards and relevant projects

### Management of GESPESA facilities. Badajoz, Spain

Operation and maintenance of the facilities belonging to the Badajoz Management Area 4.

Since 2005.

243,000 residents.

€94.45 million. 15 years.

Investment: €56.6 million.

36 municipalities. 65 people / 110,000 tpa.



## Awards and relevant projects

### Las Calandrias Environmental Compound. Jerez de la Frontera, Spain

Revamping & operation contract. 18 months construction time.

450,000 residents.

€317 million. 20 years.

Investment: €40.8 million.

260,000 tpa.



## Awards and relevant projects

### Environmental Compound - Eastern Municipalities Association. Loeches, Madrid, Spain

Comprehensive Resource Recovery Centre.

730,000 residents.

Investment: €130 million.

31 municipalities, 5 recycling lines / 254,000 tpa / -90,000 tonnes CO<sub>2</sub>e per year.



## Awards and relevant projects

### FCC Environnement (France)

Europe Services Déchets: Waste collection. New contracts of Paris Saclay (€5.5M) y Rambouillet (€4.36M)

Europe Services Voirie: Street cleansing. Renewal of Grand Paris Sud and new contract at Vitry-sur-Seine

Europe Services Propreté: Building cleaning. Renewal of the contracts of Decathlon, Ministry of Defence and Coeur d'Essonne y Paris Seine municipalities associations (new)



## Awards and relevant projects

### Transport and energy recovery of waste in West Tyrol, Austria

Rail transport and energy recovery of municipal waste at the Zistersdorf plant for the West Tyrol Waste Disposal Association.

€33 million. 5 years.



## Awards and relevant projects

### Diverse municipal services. Prostějov (Czech Republic)

Management of municipal waste, maintenance of roads, grounds, botanical gardens, children's playgrounds, sport fields, street furniture and cemeteries, and public lighting services.

€36,67 million. 4 years.



## Awards and relevant projects

### Comprehensive waste treatment management. Galați, Romania

Waste collection, treatment and recycling.  
€16,78 million. 5 years.



## Awards and relevant projects

### Comprehensive waste management system in Braila, Romania

INSURATEI Transfer Station.  
IANCA Comprehensive Waste Management Centre/ 5,000 tpa.  
46,000 people.  
€8.54 million. 7 years.



## Awards and relevant projects

### Zistersdorf Energy Recovery Plant. Austria

173,600 tpa, 14.5 MWe power output, annual export of 106,000 MWh energy to the grid, enough to supply over 30,000 households.



## Awards and relevant projects

### Household Waste Recycling Centres and Transfer Stations Management. Yorkshire, United Kingdom

Extension of the management contract for 13 recycling centres and 3 transfer stations for the local councils of Hull and the East Riding of Yorkshire.  
£45 million. 6 years.



## Awards and relevant projects

### Waste treatment and disposal. Cheshire West & Chester, United Kingdom

Extension of the waste disposal contract.

357,699 residents.

£41.56 million. 3 years.



## Awards and relevant projects

### Lostock Sustainable Energy Recovery Plant. United Kingdom

Development of a 600,000 tpa, waste-to-energy plant in partnership with Copenhagen Infrastructure Partners (CIP),  
Investment: £408 million.  
Start of operations: November 2026.



## Awards and relevant projects

### Edinburgh and Midlothian Zero Waste Plant, United Kingdom

Millerhill Recycling and Energy Recovery Centre (Midlothian).  
Design, financing, construction and 25-year operation.  
Recycling and treatment of 160,000 tpa.  
14.2 MWe power output that will supply energy to 32,000 households.

## Awards and relevant projects

### Waste collection in Clay County, Florida, USA

230,000 residents.  
\$420 million. 10+5+5 years.  
Investment: \$15 million.  
47 vehicles. 70 people.



## Awards and relevant projects

### Waste collection in Saint Paul, Minnesota, USA

300,000 residents.

\$115 million. 7 years.

Investment: \$25 million.

30 new CNG vehicles + electric inspection vehicles, construction of a gas station / 60 people.



## Awards and relevant projects

### Environmental Recycling Compound in Placer County. California, USA

Construction and operation of a municipal solid waste environmental recycling compound of 130 hectares.  
\$1.5 billion. 10 + 5 + 5 years.  
Investment: \$141 million.  
115 people / 650,000 tpa.



## Awards and relevant projects

### Recycling Facility. Dallas, USA

Design, Financing, Construction and 25-year Operation. Management of recyclables in the cities of Dallas, University Park, Garland, Rowlett and Mesquite (Dallas Metroplex Area).  
\$300 million / 140,000 tpa.

**Awarded 2017 Best Recycling Facility by the U.S. NWRA.**



## Awards and relevant projects

### Houston Recycling Plant. Texas, USA

Management of Houston recyclables.

2.3 million people.

\$250 million. Up to 145,000 tpa.

Design, Financing, Construction and Operation. 15 + 5 years.

**Awarded 2020 Best Recycling Facility by the US NWRA.**



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