



Medio Ambiente

# FCC Group



1. **FCC Group**
2. **Key figures**
3. **Diversified business model**
4. **Leadership position in all areas**
5. **International presence**
6. **Integrated Offer**
7. **Value Creation**
8. **Corporate Governance Structure**
9. **Management Team**





More than  
**120 years**  
of experience



Over  
**67,000**  
employees



Working in  
Over **30 countries**,  
47% of revenue comes  
from international markets



High degree of  
**revenue  
stability**



**Leader**  
in Environment, Water,  
Infrastructure and Real Estate  
Development



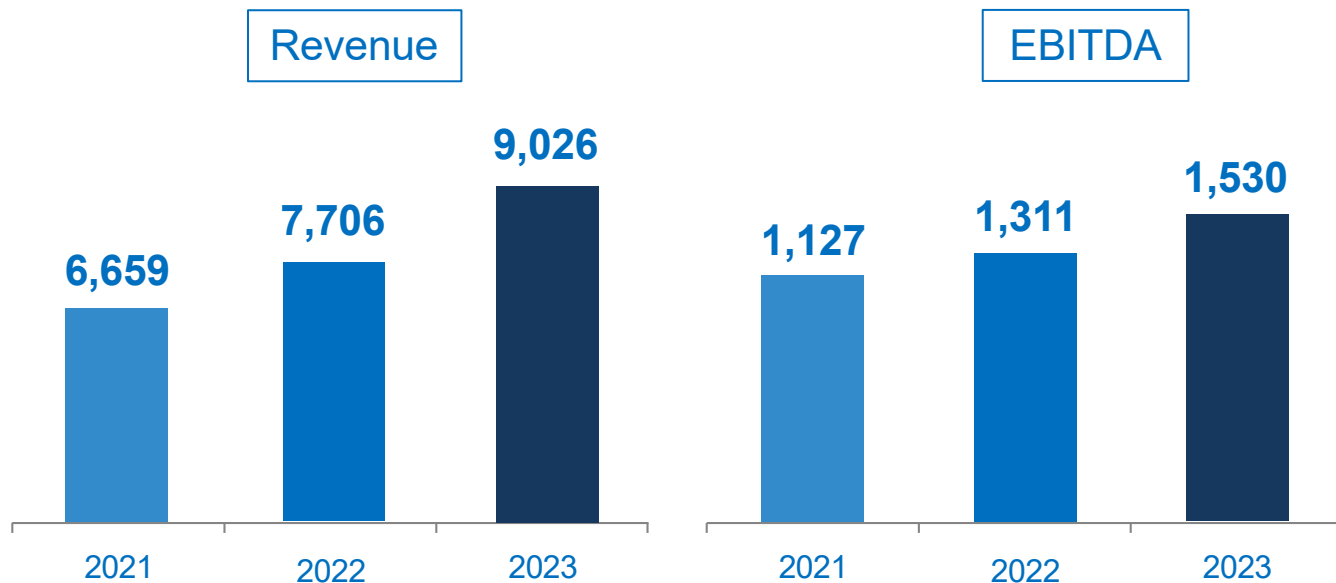
**€9,026 M** revenue  
**€1,530 M** EBITDA in 2023



**Comprehensive range**  
of services

# FCC Group

## 1.2. Key Figures 2023



Backlog\* (Dec. 31, 2023)

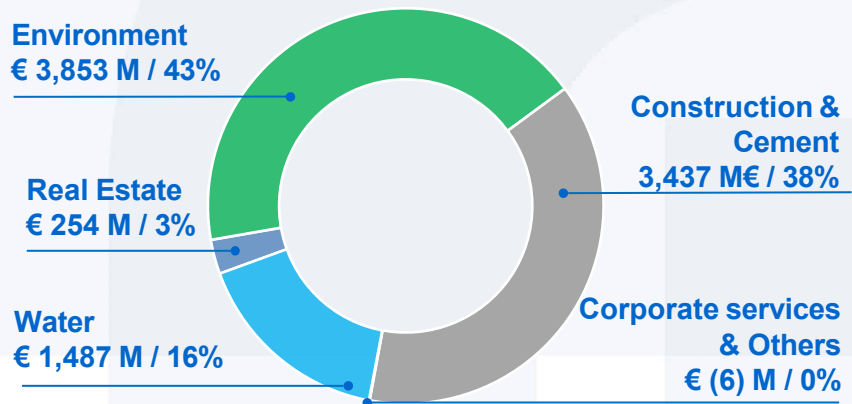
**€ 41,621 M**

\* Environment, Water, Construction and Real Estate



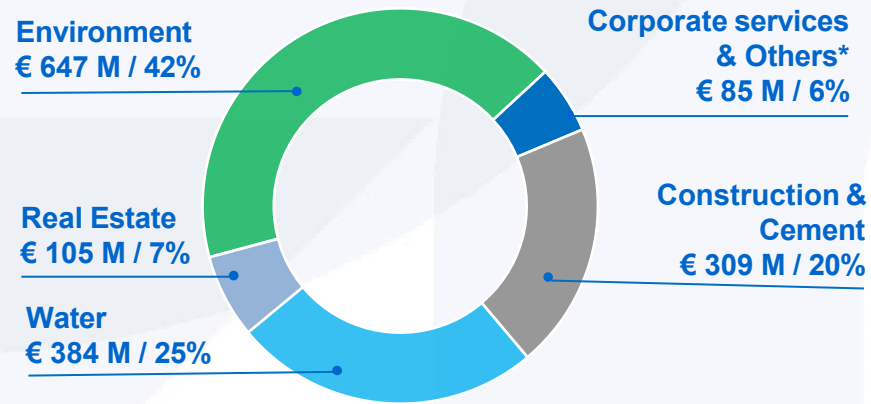
Revenue per business / 2023

Total: € 9,026 M



EBITDA per business area / 2023

Total: € 1,530 M



\* Includes transport concessions



- Waste collection
- Street cleansing
- Handling and recycling of municipal waste
- Ground and gardens maintenance
- Maintenance of sewerage networks
- Handling and recycling of industrial waste
- Recovery of polluted soils
- Facility management



- Municipal concessions for the management of the end-to-end public water service
- Infrastructure concessions under the BOT model (Built, Operate and Transfer)
- O&M services (operation and maintenance of infrastructures)
- EPC models (Engineering, Procurement and Construction)



- Civil engineering (bridges, tunnels, highways, rail projects, etc.)
- Residential construction
- Non-residential construction (sporting, health and cultural infrastructures, etc.)
- Industrial
- Concessions
- Infrastructure maintenance
- Prefabricated materials
- Brand image



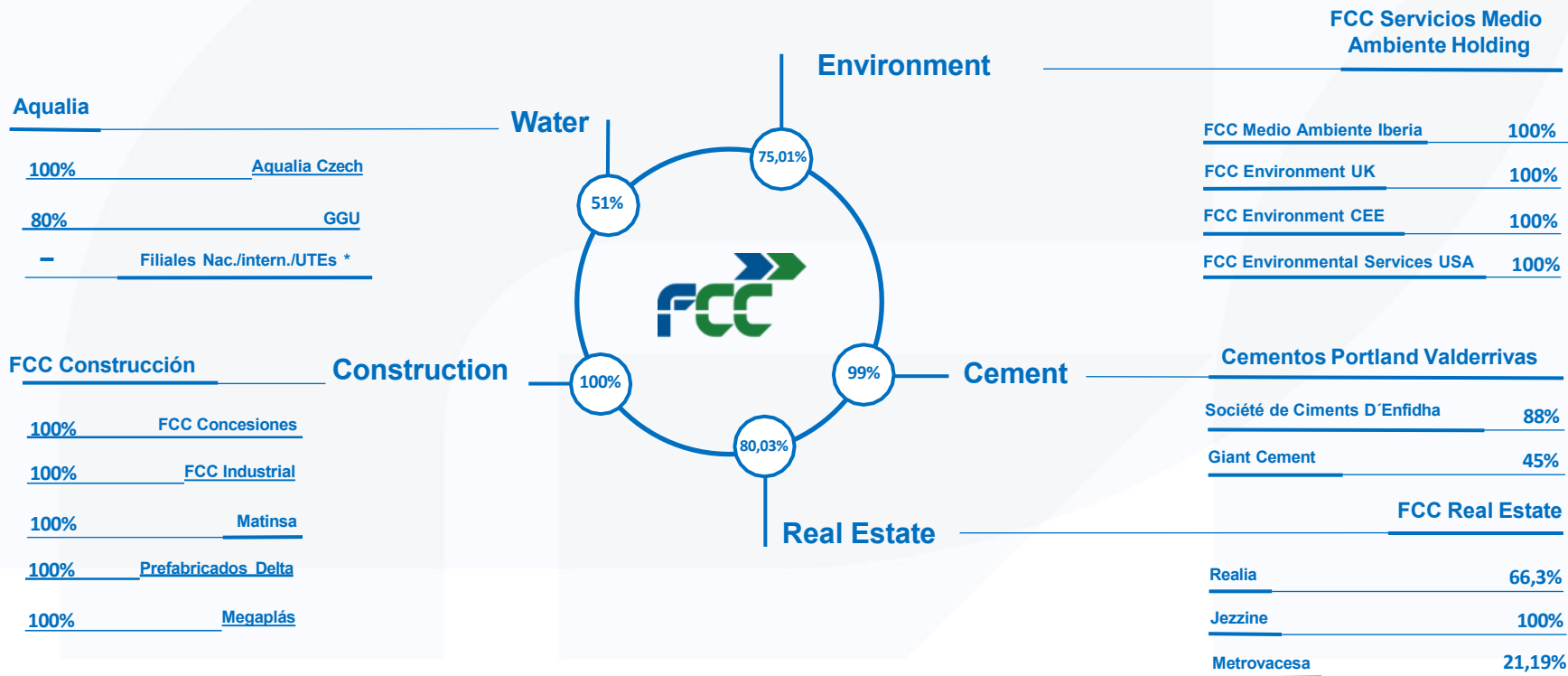
- Cement
- Trading
- Other businesses  
*(Concrete, Aggregate, Mortar)*



- Leased equity
  - Services sector (offices, shopping centres and retail premises and others)
  - Residential (BTR)
- Real-estate developments
- Land backlog management

# FCC Group

## 1.3. Diversified business model



\* Different percentage of shares

# FCC Group

## 1.4 Leadership position in all areas



### Environment:

- #1 in Spain <sup>(1)</sup>
- #5 in the EU
- #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

### 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>

### Cement:

- #1 producer in Spain <sup>(1)</sup>
- Large presence in Tunisia

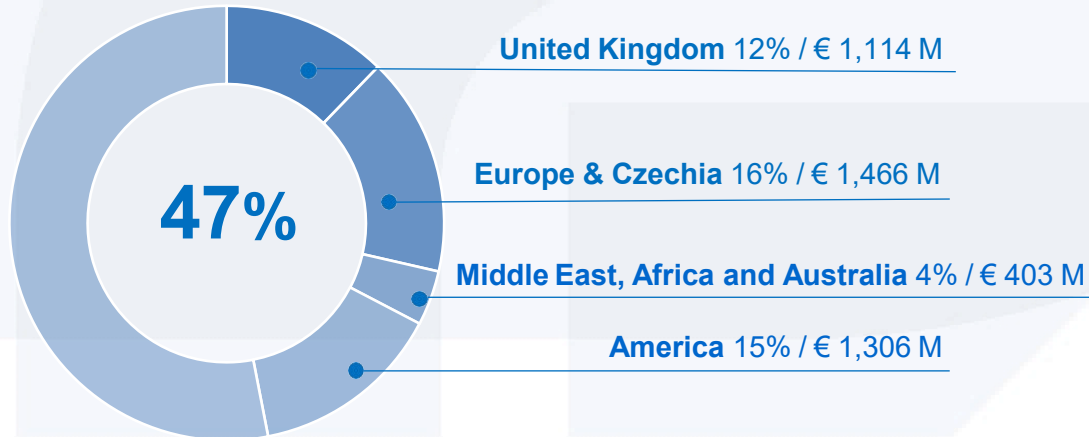
### Real Estate:

- More than 30 years of experience

(1) By revenue volume  
(2) Source: December 2022 GWI ranking  
(3) ENR Top 250 Contractors

### International Revenue 2023

**Total : € 4,289 M**



International Backlog\*

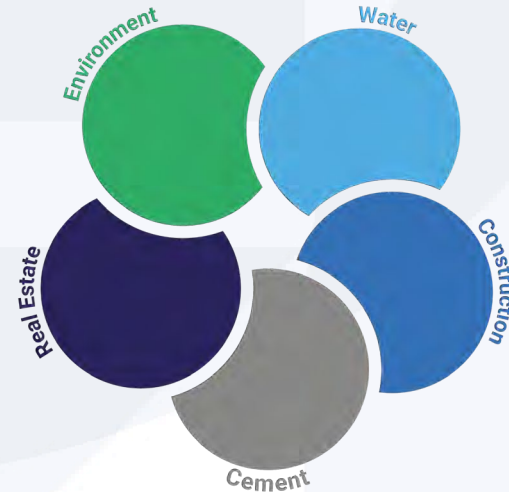
(Dec. 31, 2023) **€ 23,848 M**

\*57,3% of Total

### Advanced technology

- Own technology for waste collection and street cleansing
- Leaders in waste recycling and energy recovery systems
- Experts in providing solutions at all stages of the water management cycle for all uses: human, agricultural and industry, meeting the needs of institutions and public and private organizations
- Specialists in bridges and ports with a high technical complexity
- Innovative processes for high speed lines, metro and tunnels
- Specialists in turnkey projects in the industrial sector

### Comprehensive range of services throughout the whole value chain



Advanced technology and integrated range of products and services with high added value in all of its business areas

# FCC Group

## 1.7. Value creation

Our incumbent position enhances our ability to benefit from the strong fundamentals of our core business areas



### Environment

- Positive long-term outlook due to regulatory developments and environmental considerations
  - EU Waste Framework Directive requires member states to recycle at least 55% of their municipal solid waste by 2025 and 65% by 2035 plus landfilling down 10% also in 2035
- New opportunities offered by expected reforms in Spain on recycling and composting (2023)
- Expansion potential in existing platforms: USA, UK and some Central European countries



### Water

- Positive long-term outlook due to regulatory developments and environmental considerations and water infrastructure gap
- Take advantage of the extensive experience in the integral water cycle management, to apply in business opportunities in countries with low PPP activity
- Growth potential in Europe and selectively in America and MENA



### Construction & Cement

- Continued infrastructure gap in selected jurisdictions. Stringent management of cash flow generation and third-party risk
- Potential growth in Spain linked to clean energy, efficiency and related facilities.



### Real Estate

- Combined recurring rental income with property asset build to rent) and residential housing development in high demanded areas

# FCC Group

## 1.7. Value creation

**Experience**  
More than 120 years  
creating value for citizens



**Internationalization**  
Operating in over 30 countries



**Innovation and technological capacity**  
More than 13.5 million euros in R&D and innovation and in advances to optimize efficiency, address digital challenges and promote practical sustainable solutions



**Professionalism**  
Over 67,000 professionals  
specialising in different areas



**Protecting the Environment**  
More than €100,5 M for the prevention of environmental risks  
Environmental management systems certified according to **UNE-EN ISO 14001** in all business areas



**Quality**  
Quality management systems certified according to **UNE-EN ISO 9001** in all business areas



**Local development commitment**  
Over €5,5 M allocated to  
Projects for local development in 2022

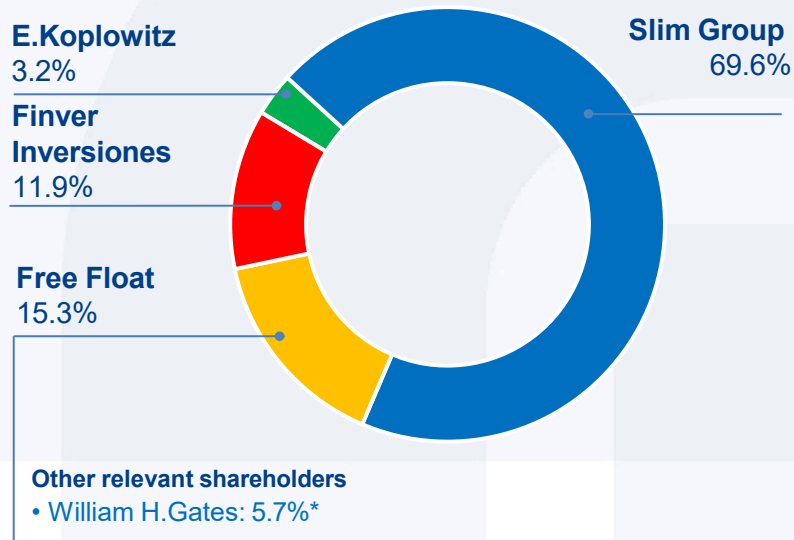


**Health and Safety**  
Occupational health and safety management systems certified according to **ISO 45001** in all business areas





### Shareholding Structure\*



### Composition of the Board

#### 11 members:

- 8 proprietary directors
- 2 independent members
- 1 executive director

#### Audit and Remuneration Board Commissions:

- Chaired by independent members
- Majority of independent members

\* As of latest communications to the CNMV (Spanish stock market regulator)

# FCC Group

## 1.9. Management Team



**Chairwoman FCC** Esther A. Koplowitz

**CEO** Pablo Colio Abril

### Business Areas

**Environment**

Íñigo Sanz Pérez

**Water**

Santiago Lafuente Pérez-Lucas

**Construction**

Pablo Colio Abril

**Cement**

Pablo Colio Abril

**Real Estate**

Ana Hernández Gómez

Javier Fainé de Garriga

# FCC Medio Ambiente

1. **Activities**
2. **Main features**
3. **Value creation**
4. **Key figures**
5. **Business structure**
6. **International presence**
7. **Global leader**
8. **Committed to innovation**
9. **Committed to inclusion**
10. **Caring about the Environment**
11. **Awards and relevant projects**

2

# FCC Medio Ambiente

## 2.1. Activities



# FCC Medio Ambiente

## 2.2. Main Features



Providing services  
to cities  
**since 1911**



**Top 7 in  
the world**



Serves over  
**67 million  
citizens**



Most technologically  
advanced **vehicle  
fleet in the world**  
close to **20,000** units



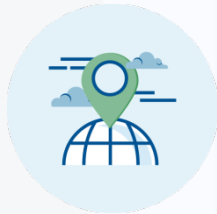
**Over 800** waste  
treatment, recycling  
and disposal centres



**ISO 50001** certificate  
Comprehensive Energy  
Management



Management of  
**24,7 million tonnes  
waste** per year



Operating in over  
**5,400  
municipalities**



About  
**3,645 sustainable  
vehicles**  
(CNG, electric,  
hybrid and bi-power)



Over **48,000  
employees**



**Inclusion of  
underprivileged  
groups** in the workplace

Our leadership position strengthens our capacity to take advantage of the demand of our activities

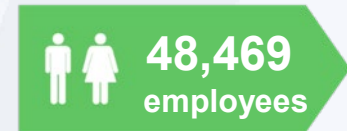
### FCC Medio Ambiente



- The EU Circular Economy Package requires member states to recycle at least 50% of municipal waste by 2020, 55% by 2025 and 65% in 2035, and a 10% maximum landfilled Waste by 2035.
- Transposing the various EU directives on waste and recycling, and the development of new Regional Waste Management plans on Recycling, Waste-to-Energy and Composting open a wide range of growth opportunities in Spain.
- Committed to fight against climate change and achieving the UN's 2030 SDG Agenda.
- Good potential for international organic growth (America, Central Europe)

# FCC Medio Ambiente

## 2.4. Key Figures / 2023



Figures in million euros

# FCC Medio Ambiente

## 2.5. Business structure



### Iberia Division

#### FCC Medio Ambiente Spain / Portugal

#### FCC Ámbito (Industrial Waste)

### International Divisions:

#### United Kingdom

#### Central & Eastern Europe

#### USA

- **2023: €2,116 M Turnover (54.92%); €314.7M EBITDA**

- Spanish market leader
- More than 110 years experience in waste management and urban services
- Technological development and innovation

- Spanish market leader
- Strong presence in Portugal

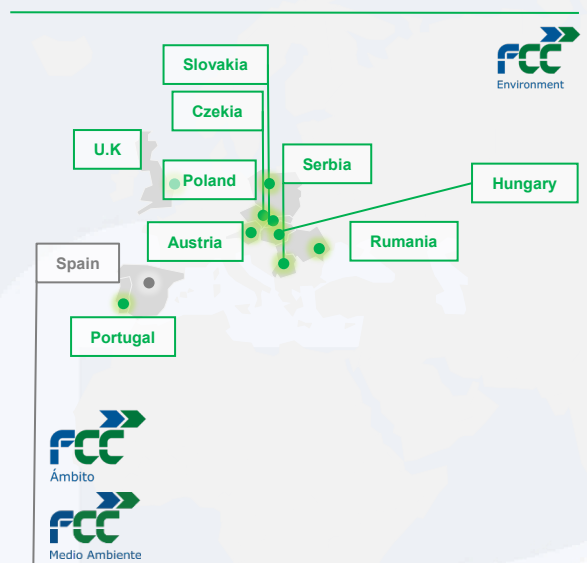
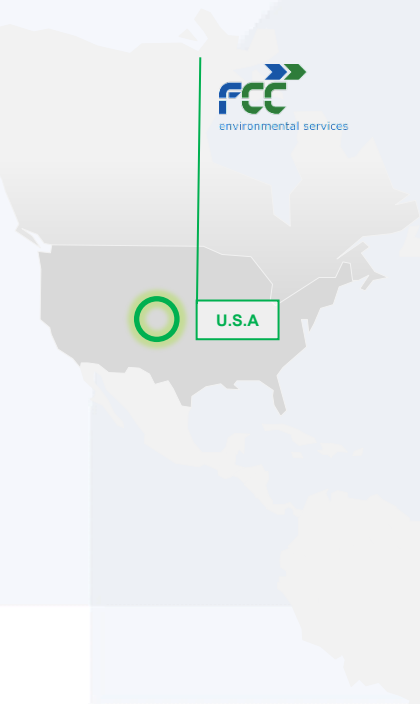
- **2023: €1,737.2 M Turnover (45.08%); €332 M EBITDA**

- FCC Environment UK
- FCC Environment CEE
- FCC Environmental Services



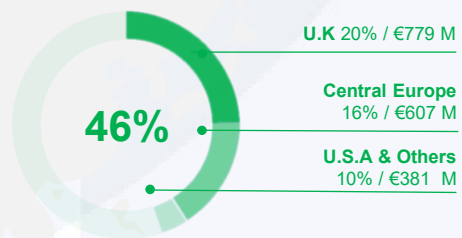
# FCC Medio Ambiente

## 2.6. International Presence



### International Revenue 2023

Total : €1,767 M



### International Backlog\*

(Dec. 31, 2023) €4,938 M (1.3 years)

\*38 % of Total

# FCC Medio Ambiente

## 2.7. Global leader



### Experience

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

### Comprehensive

We offer a **complete range of environmental services**, from domestic 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.  
**23 registered projects** at our **R&D&I certified system - standard ISO UNE 166002**

### Sustainability

Commitment 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**

# FCC Medio Ambiente

## 2.7. Global leader

### Incineration with production of Renewable Energy

- Eleven Waste-to-Energy projects
- Over **380 MWe** of electrical power
- **3.2 million** tonnes of annual capacity



Zistersdorf (Austria)  
**154,000 t/y**



Allington (United Kingdom)  
**550,000 t/y**

### Massive-scale Mechanical-Biological Treatment



#### Ecoparque of Barcelona

One of the largest facilities in the world

- Operating since 2003
- **Facility:** Recycling, anaerobic digestion and composting facilities
- **Treatment capacity:** 264,000 t./y
- **Population served:** 542,000 inhabitants



#### Biomethanization Plant Las Dehesas

(Technological park Valdemingomez / Madrid)

The world's largest Anaerobic Digestion Facility

- Started operations in 2009
- **Facility:** Anaerobic digestion (5 digestors x 3,600 m<sup>3</sup>)
- **Treatment capacity:** 220,000 t/y  
(100% Selective Organic Fraction as the input)
- **Population served:** 3 million inhabitants

# FCC Medio Ambiente

## 2.7. Global leader

### Municipal Services since 1911



**Madrid, 1940**  
3 million inhabs.



**Valencia, 1957**  
790,000 inhabs.



**Barcelona, 1911**  
1.6 million inhabs.



**Zaragoza, 1940**  
700,000 inhabs.



**Bilbao, 1972**  
350,000 inhabs.

### Renewable energy from sanitary landfills

- FCC recovers biogas from many landfills for use as renewable fuel
- Programme for the development of more than 100 MW of wind and photovoltaic energy in United Kingdom landfills



**Biogas Capture**



**Wind turbines**



**Photovoltaic paneles**



# FCC Medio Ambiente

## 2.8. Committed to innovation



**100% self-rechargeable electric RCV**  
Madrid



**Smart recharging stations**  
Barcelona

### 50 years developing electric mobility

FCC Medio Ambiente has been developing electric mobility technology for 50 years and implementing it in its Municipal Service vehicles, both light and heavy-goods sizes. Today it has a fleet in constant growth of 3,645 sustainable vehicles, among which 1,579 are electric and self-rechargeable electric, 127 hybrid-electric and 1,939 CNG (including bi-power: CNG plus petrol) .



**Electric compact RCV** Toledo 1985

# FCC Medio Ambiente

## 2.8. 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 functionality 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 Service Vehicles

- Awarded at the **Smart City Awards 2019** at SCEWC in the 'Innovative Idea' category.
- Awarded at the **2019/2020 European Business Awards for the Environment (EBAE Awards)** in the products & services category.
- Awarded with the **Ecological Industrial Vehicle of the Year 2021** in the mixed category, at the National Transport Awards.



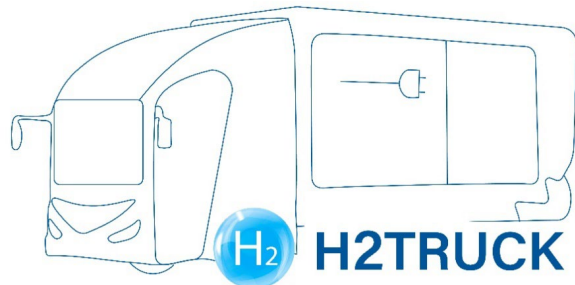
# FCC Medio Ambiente

## 2.8. Committed to innovation

### H2TRUCK Project

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

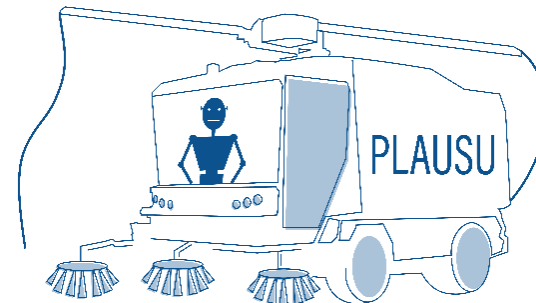
- heavy-duty chassis-platform with 100%-electric propulsion
- powered by a hydrogen cell and lithium-ion battery hybrid system that is completely environmentally friendly
- this hybrid chassis can be applied to any equipment or machine that provides urban services, regardless of the number and layout of axles or the bodywork installed on it



### PLAUSU Project

**Autonomous Platform for Urban Services (PLAUSU). Research and development of automation technologies focused on the operation in autonomous mode of a platform for urban service platform for cleaning tasks.**

- 100%-electric chassis-platform
- dual wash down-sweeper vehicle
- Remote control, GPS positioning and perception by LiDAR



# FCC Medio Ambiente

## 2.8. Committed to innovation

### Circular Economy projects

#### Recovery of critical raw materials from Municipal Solid Waste (MSW)



**MINETHIC:** Promoting the recovery and valorisation of strategic mineral resources for the green transition. The main objective is the investigation of new sources of non-conventional raw materials, both industrial and urban, covering the whole value chain. New technologies will be investigated to recover and valorise Critical Raw Materials (CRM) from mineral resources, by-products and waste streams, as well as the integration of digital technologies, promoting a sustainable, efficient and local supply of CRM.

FCC Medio Ambiente will extract the phosphorus, nickel and cobalt present in the slag from the incineration of municipal solid waste and the phosphorus from the biostabilised material obtained from the biological treatment of organic matter from mixed municipal solid waste.

#### Recovery of slag from MSW incineration

**ECO2D4.0:** Development of comprehensive road surface solutions using priority waste from the Basque Country, and ecosystem for the functional and environmental monitoring of road infrastructures. Project co-financed by the HAZITEK 2022 - Business R&D support programme of the Basque Country, in Spain, in which FCC Medio Ambiente participates and whose objective is to investigate new applications for waste management, in particular those cases where there are few ways of recovery, such as ferrosite, incineration slag and foundry sands, although milling waste and black slag are also included.

**RSU4HOM:** Development of new construction products from the valorisation of municipal solid waste incineration slags. Led by FCC Medio Ambiente and co-financed by the HAZITEK 2022 - Basque Country Business. It aims to minimise the environmental impact generated by the landfilling of incineration slag from two plants in Zubieta (Gipuzkoa, Spain). The aim is to recover this waste and integrate it as aggregates for the manufacture of construction materials (concrete, mortar and precast concrete).



# FCC Medio Ambiente

## 2.8. Committed to innovation

### Circular Economy projects

#### Green fuels



Nuevos materiales, tecnologías y procesos para la generación, almacenamiento, transporte e integración de hidrógeno renovable y biometano a partir de biorresiduos (2021-2024). MIG-20211071. FCC Medio Ambiente carried out research in the laboratories of the University of Valladolid (Spain) with the aim of studying the dark fermentation process using Organic Fraction of Municipal Solid Waste (OFMSW) as a substrate. As a result, a significant amount of hydrogen was obtained out of the total biogas derived in each fermentation.

#### Green fuels



LIFE LANDFILL BIOFUEL (LIFE18 ENV/ES/000256: Integral management of the biogas from landfills for use as vehicle fuel). During 2023, different tests were conducted with the biomethane generated, verifying that all of them comply with current regulations. Likewise, this year, light and heavy-duty vehicles have travelled over 30,000 and almost 40,000 kilometres respectively with the biomethane produced from landfill biogas.

#### Plastic recycling



LIFE ZEROLANDFILLING (LIFE-2022-SAP-ENV 101114213: Recovering landfill waste through an innovative and integrated process committed to circular economy). The LIFE project, led by FCC Medio Ambiente, addresses the increase in urban waste generation through an innovative system for the management and recovery of nonrecyclable waste, mainly plastics and bio-waste. It promises a sustainable zero landfill solution, low carbon footprint and circular economy, with environmental and economic impact in Europe.

#### Plastic recycling



PLASMIX (LIFE18 ENV/ES/000045: Plastic Mix Recovery and PP& PS Recycling from Municipal Solid Waste) (2019-2022). This project, led by FCC Medio Ambiente, is aimed at demonstrating the material recovery of Plastic Mix from municipal waste (PP, PS and EPS) in a semi-industrial plant located at the Ecocentral plant, Granada (Spain)

# FCC Medio Ambiente

## 2.8. Committed to innovation

### Circular Economy projects

#### Reciclaje de plásticos

Life<sup>4</sup> film



LIFE4FILM (LIFE17 ENV/ES/000229: Post-consumption film plastic recycling from municipal solid waste). LIFE project led by FCC Medio Ambiente with the aim of avoiding sending plastic film (LDPE) present in urban waste to landfill or energy recovery through the implementation of innovative recycling on a semi-industrial scale.

#### By-products and biomaterials

LUCRA  
BIO SUCCINIC ACID



LUCRA (101112452 – HORIZON-JU-CBE-2022): Sustainable sUCCinic acid production using an integrated electrochemical bioreactor and renewable feedstock. The project proposes innovative technology for the electrochemical extraction of succinic acid through the circular use of the aforementioned resources, which greatly reduces the dependence on fossil resources by developing a sustainable route for the production of succinic acid.

#### Subproductos y biomateriales



BIOPROLIGNO (CPP2022-009647: Transformation of lignocellulosic waste into bioproducts for their application in infrastructure and ground maintenance. Funded by the Spanish State Research Agency under the 2023 Public-Private Partnership programme, aims to develop experiences in the field of lignocellulosic waste pyrolysis, where three state-of-the-art bioproducts are generated: wood vinegar, charcoal and biochar.

#### By-products and biomaterials

DEEP PURPLE



DEEP PURPLE (Domestic extraction of emerging products with purple phototrophic bacteria). The project proposes a synergistic and integrated treatment for the valorisation of three types of bio-waste: the organic fraction of municipal solid waste, sludges from wastewater treatment plants (WWTP) and urban wastewater, by means of a multi-platform photo-biorefinery based on phototrophic purple bacteria.

# FCC Medio Ambiente

## 2.8. Committed to innovation

### Circular Economy projects

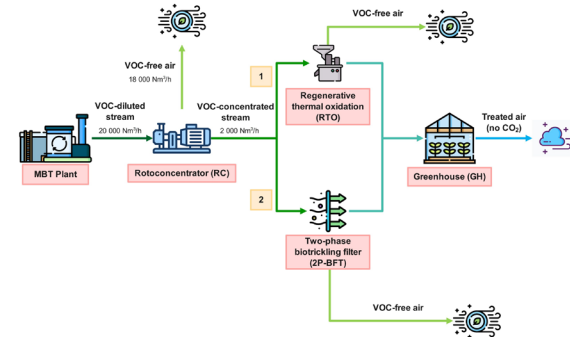
### Mitigation of environmental impact



**LIFE ABATE (LIFE-2022-SAP-ENV 101113838):** Marketable high performance compact technologies for the abatement of VOCs in EU waste treatment plants, decreasing CO<sub>2</sub> emissions and energy consumption. The LIFE ABATE project, partially funded by the LIFE programme, aims to improve the sustainability of mechanical biological waste treatment (MBT) plants by demonstrating the benefits of innovative technology to reduce emissions of non-methane volatile organic compounds (NMVOCs) and CO<sub>2</sub>.

This process includes a VOC concentration stage using the concentrator followed by biological or thermal degradation, reducing emissions of NMVOCs and odours, lowering energy consumption and using the emitted CO<sub>2</sub> to promote the growth of crops in greenhouse agriculture.

The ultimate goal of the project is to reduce NMVOC and CO<sub>2</sub> emissions, improving human and ecosystem health and well-being, with a lower energy consumption in comparison to current systems. The solution will be validated on an industrial scale at Ecoparc 3 Barcelona (Spain) and replicated at the Las Dehesas Biomethanisation plant in Madrid (Spain). In 2023, the partners visited these facilities to determine the optimal location for the prototypes.





# FCC Medio Ambiente

## 2.9. Committed to inclusion



FCC Equal employees. Park Vandel team in Madrid

### 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
  - 1423 analyzed candidates
  - 439 insert people
- Nowadays, all this work is driven through the **Fundación Incorpora**

# FCC Medio Ambiente

## 2.10. Caring about the Environment



**BP Oil spillage  
USA**



**Soil remediation  
Italy**



**Decontamination of Flix  
Reservoir - Spain**



**Prestige – Oil spillage  
Spain**



## 2.11. Awards and relevant projects



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

Renewal of the contract for lot 2. Since 1957 – 365,000 residents, 200 ECO and Zero Emission vehicles and machines, 550 people / 140,000 tonnes per year y 2.3 million m<sup>2</sup> of surface area.

Backlog: €525.89 million. 15 years.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Waste collection lot 1 (West Area) Madrid / Spain

Renewal of the waste collection contract of lot 1 (West Area). Since 1940 - 1M residents, 209 ECO or Zero Emission labelled vehicles, 950 people / 390,000 tonnes per year. Backlog: €455 million. 6 years.

## 2.11. Awards and relevant projects



### Waste collection and street cleansing in Zaragoza / Spain

Renewal. Since 1941 – 675,301 residents, 270 electric and CNG vehicles, 1,130 people / 252,000 tonnes per year. Backlog: €615 million. 10 years.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Waste collection and street cleansing in Barcelona / Spain

City centre and Ciutat Vella. Since 1915 - 572 vehicles, over 65% electric; 1,081 people, 593 km streets covered / 268,000 tonnes per year. Backlog: €830.87 million. 8 + 2 years.

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Waste collection and street cleansing in Manresa/ (Barcelona, Spain)

Renewal - Since 1993 - 80.000 residents, 54 vehicles, 145 people / 22.800 tonnes per year.

Backlog: €91.4 million. 10 years.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Waste collection, street and beach cleaning in Vigo / Spain

Renewal. Since 1989 - 300,000 residents, 167 vehicles, more than 50% electric or ECO, 547 people / 2,303 km streets covered / 7,2 km coastline / 118,703 tonnes per year.

Backlog: €366 million. 9 years, 6 months.

## 2.11. Awards and relevant projects



### **Resource Recovery Centre La Campiña - Eastern Municipalities Association of the Region of Madrid - Loeches / Spain**

New comprehensive Resource Recovery Centre. 730,000 residents. 31 Municipalities, 5 recycling lines / 254,000 tonnes per year / 6.400 m<sup>2</sup> PHV panels/ reduction of 90,000 tonnes CO<sub>2</sub>e per year.

Investment: €130 million.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Las Calandrias Environmental Compound / Jerez de la Frontera (Spain)**

Modernisation and operation contract. 18 months of construction work – 450,000 residents / 260,000 tonnes per year. Investment: €40.8 million. Backlog: €317 million. 20 years.

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Mechanical-biological treatment plant, Ecocentral / Granada (Spain)**

Integrated waste management. 919,700 residents served. 174 municipalities. 5 lines – New treatment line. 3 cogeneration engines generating 2 MWe. Self-supply of renewable energy generated by landfill biogas. 450,000 tonnes per year.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **West Cheshire and Chester waste disposal / Reino Unido**

Extension of the contract. 357,699 residents. Backlog: £34.49 million 3 años.

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Waste and recycling collection contract in East Lothian / United Kingdom**

Food waste and recycling collection. 106,000 residents, 40 people, 15 mobile recycling centres.

Backlog: £22.4 million. 8 years.



## 2.11. Awards and relevant projects



### **Redevelopment of Foxhall Recycling Centre, Suffolk / Reino Unido**

Major expansion of the Foxhall recycling centre. Increased vehicle capacity, access improvement and greater capacity. Handling 19% of the county's recycling and waste / 12,500 tonnes per year. Investment: £7.8 million.

## 2.11. Awards and relevant projects



### **Lostock Sustainable Energy Recovery Plant / United Kingdom**

Development of a 600,000 tonnes per year, waste-to-energy plant in partnership with Copenhagen Infrastructure Partners (CIP), with an investment of £480 million. Currently under construction.

## 2.11. Awards and relevant projects



### **Edinburgh and Midlothian Zero Waste Plant / United Kingdom**

New Millerhill Recycling and Energy Recovery Centre (Midlothian). 25-year operating period. Management and treatment of 160,000 tonnes per year. Production capacity of 14.2 MW that will supply power to 32,000 households.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Transport and treatment of municipal waste in West Tyrol region/ Austria**

Rail transport and energy recovery of municipal waste at the Zistersdorf plant for the West Tyrol Waste Disposal Association. Backlog: €33 million. 5 years.

## 2.11. Awards and relevant projects



### **Integrated waste management and recycling for IVECO / Vysoké Mýto (Czech Republic)**

Renewal. Collection, disposal and further processing of secondary raw materials of three different plants from Iveco. Since 1998. Backlog: €6 million. 3 yeras.



## 2.11. Adjudicaciones y proyectos relevantes



### **Comprehensive Waste Management for Hyundai Motor Manufacturing Czech s.r.o./ Czech Republic.**

Collection, transport and subsequent treatment of all waste produced, including secondary raw materials. Backlog: €10,8 million. 3 years.



## 2.11. Awards and relevant projects



### **ARA collection tenders in various municipalities / Austria**

Collection and separate transport of packaging materials for ARA (Altstoff Recycling Austria AG).  
Backlog: €22 million. 5 years.

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Integrated waste management system in Braila / Romania**

INSURATEI Transfer Station. 46,000 residents / 5,000 tonnes per year.

IANCA Integrated Waste Management Centre. 5,000 tonnes per year.

Backlog: €8.54 million. 7 years.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Zistersdorf Energy Recovery Plant / Austria**

150,000 tonnes per year with 14.5 MW net electrical power, with an annual export of energy to the grid of 106,000 MWh, enough to supply more than 30,000 households.

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Waste collection in the western area of Polk County / Florida (USA)

Renewal. 200,000 residents, 74,000 homes. 75 CNG vehicles, construction of a CNG refuel station.

Investment: \$20 million. Backlog: \$155 million. 5 + 1 + 1 years.



# FCC Medio Ambiente

## 2.11. Awards and relevant projects



# FCC Medio Ambiente

## 2.11. Awards and relevant projects

### Acquisition of Premier Waste Services LLC / Dallas (USA)

Commercial solid waste collection services company in the Dallas-Fort Worth metropolitan area for more than 20 years. 4,000 contracts, 59 vehicles.



### Acquisition of Houston Waste Solutions / Houston (USA)

Commercial solid waste collection company in the greater Houston area. Owns and operates a transfer station for construction and demolition debris in the city, 3,000 clients, 40 vehicles.





# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### **Construction and operation of an Environmental Recycling Compound in Placer County / California (USA)**

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

# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Recycling Facility / Dallas (USA)

Design, Financing, Construction and Operation. **Best Recycling Facility of 2017 by the U.S. NWRA.** Management of recyclables in the cities of Dallas, University Park, Garland, Rowlett and Mesquite (Dallas Metroplex Area). Service: 140,000 tonnes per year. Backlog: € 300 million. Term of operation: 25 years.





# FCC Medio Ambiente

## 2.11. Awards and relevant projects



### Recycling plant / Houston (Texas, USA)

Design, Financing, Construction and Operation. Houston recyclable management, 2.3 million residents. **Best Recycling Facility of 2020 by the US NWR**. Up to 145,000 tonnes per year. Backlog: \$250 million. Term of operation: 15 + 5 years.

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