



Annual Report  
**2024**



# Environment

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FCC Servicios Medio Ambiente Holding's annual turnover reached **€4,346.3 million** and the gross operating profit **€731.6 million**, with some outstanding growth rates over 2023 of **12.8 %** and **13.14 %** respectively.

# 1. Geographical platforms and sector analysis. Strategy

The Environmental Services Area of the FCC Group has been delivering municipal services and end-to-end waste management for more than 110 years, **servicing today over 78 million people in close to 5,650 municipalities.**

In 2024 the company operated in a total of 12 countries through a variety of services that reflect its extensive experience in the industry, including: collection, treatment, recycling, energy recovery and disposal of municipal solid waste; public street cleansing; maintenance of sewage systems; parks and ground maintenance; treatment and disposal of industrial waste or the recovery of polluted soils.

**FCC Servicios Medio Ambiente Holding, S.A.**, backbone of the Environmental Services activities, is structured into **four geographical business platforms:**

- **Atlantic:** FCC Medio Ambiente (Spain), FCC Meio Ambiente (Portugal), FCC Ámbito (Industrial Waste) and FCC Environnement (France).
- **United Kingdom:** FCC Environment UK.
- **Central & Eastern Europe:** FCC Environment CEE.
- **United States:** FCC Environmental Services.

Although the international situation has continued to have a destabilising effect throughout 2024, inflationary pressure has been somewhat lower and FCC Servicios Medio Ambiente Holding has continued to work on cost control and diversification of activities and markets and, especially, on renegotiating contracts to balance income with the new reality. Significant events in the Holding company include the completion of the **acquisitions and integrations of the Urbaser subsidiary in the United Kingdom and the Europe Services Group (ESG) company in France**, which has been incorporated into the French **subsidiary FCC Environnement**. In the United States, the **GEL company** has been **acquired in Florida**, which allows for the **optimisation of the commercial business** and provides a set of **treatment, recycling and disposal facilities**. In these circumstances **the annual turnover reached €4,346.3 million and the gross operating profit €731.6 million**, with some **outstanding growth rates over 2023 of 12.8 % and 13.14 %** respectively. **Annual contracting** reached a **record high of €4,495.3 million (+26.86 %)**, which keeps the **backlog** pending execution at an **excellent €14,108.6 million (+5.85 %)**.

In 2024, FCC Servicios Medio Ambiente managed 26.9 million tonnes of waste and produced 5.3 million tonnes of secondary raw materials (SRM) and refuse-derived fuel (RDF). The company boasts over 860 operational waste management facilities, out of which more than 200 are environmental compounds performing waste management and recycling, including 13 waste-to-energy projects with a capacity of 3.8 million tonnes per year and 410 MW of non-fossil electricity.

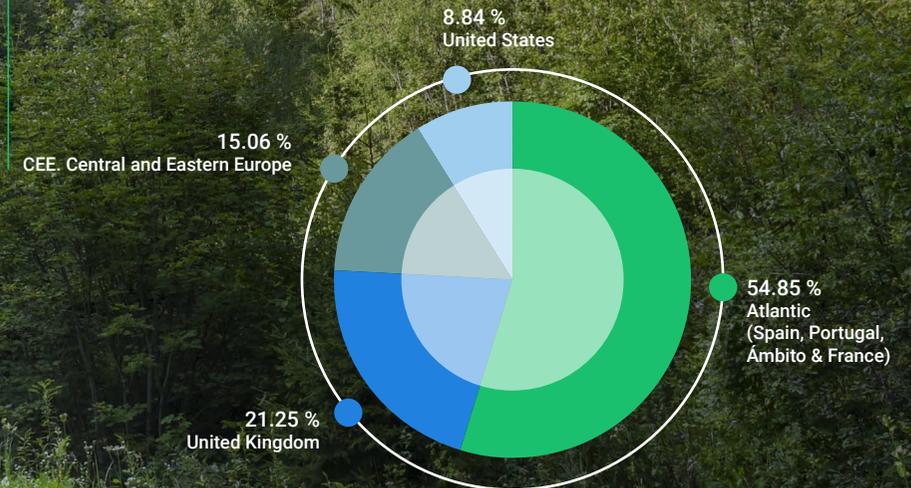
As a significant milestone, in 2024 FCC Servicios Medio Ambiente presented its first Sustainability Disclosure, which highlights the great efforts that the holding company makes in this area in all the regions where it operates, aligning the company's performance with the demands and expectations of our stakeholders and society.

Financially, in 2024 FCC Servicios Medio Ambiente carried out the issuance of a seven-year green bond in the European market for €600 million, fully subscribed. It has also carried out the annual **renewal of the promissory note programme for a value of up to €400 million.**

Throughout 2025, the holding company will continue to study new investment opportunities in various European and American markets to complement its usual organic growth.



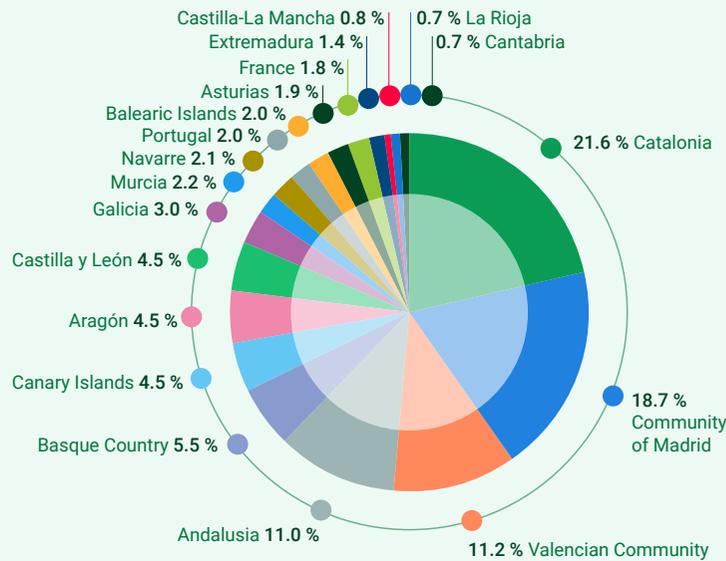
Turnover 2024. Geographical platforms



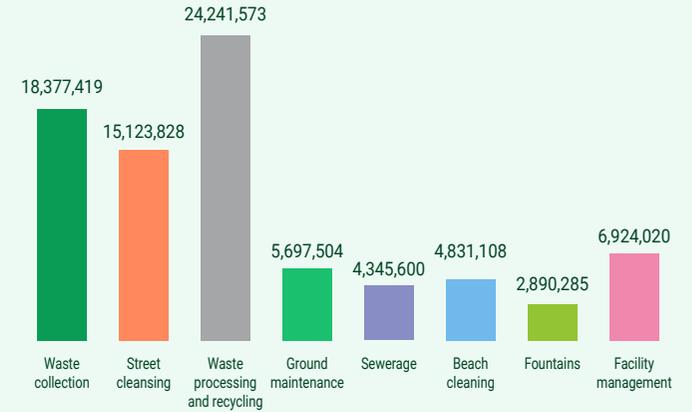
# FCC Medio Ambiente Atlantic (Spain, Portugal, FCC Ámbito and France)

The former Iberia geographical business platform has been transformed into **FCC Medio Ambiente Atlantic** with the addition of activities in France following the acquisition of the French company Europe Services Groupe (ESG) and its integration into FCC Environnement France. Atlantic provides environmental services in over **3,800 municipalities in Spain, Portugal (FCC Meio Ambiente) and France (FCC Environnement)**, serving a population of **38 million inhabitants**, with activities, among others of street cleansing, waste collection and transportation, waste treatment and disposal, parks and ground maintenance, maintenance of sewerage networks, beach cleaning, facilities cleaning and maintenance and energy efficiency services. In 2024, FCC Medio Ambiente Atlantic **managed 12.7 million tonnes of solid waste**.

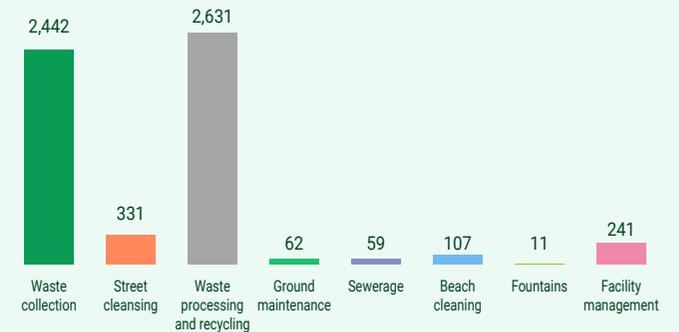
## Turnover 2024. Geographical location



## Inhabitants served 2024



## Municipalities served 2024



Throughout 2024 FCC Medio Ambiente Atlantic has made a remarkable effort developing the business, optimising costs and rebalancing prices, which, together with the addition of activities in France, has enabled an excellent performance. **The annual turnover reached €2,384.1 million and the gross operating profit reached €370.9 million, increases of 12.67 % and 17.89 % respectively compared to 2023.** In 2024 the **portfolio reached a record figure of €8,774 million**, with key renewals such as the Collection and Cleansing service for the city of Bilbao, where the company has provided continuously service since 1972, or in San Sebastián (since 1981) and Ávila (since 1986); or the award of new contracts, such as the services in the cities of Palencia or Benalmádena (Málaga).

On 1<sup>st</sup> November the **weather phenomenon known as DANA** (Depresión Aislada en Niveles Altos or Isolated High-Level Depression) devastated the Autonomous Community of Valencia and other areas of Spain. From the outset FCC Medio

Ambiente and the city councils where it provides services went out of their way to help the affected areas. **The voluntary and altruistic work of the company's people** and the mechanical resources provided by other contracts in different cities have been, and continue to be, fundamental in trying to alleviate the devastating effects of the meteorological event. To put things into perspective, to date the company has provided more than **280 volunteers representing 1,400 workdays and over 137 specialised equipment with 1,100 workdays of machinery** (mainly collection and open-box lorries, pushers and excavators, flushing tanks and sewerage lorries).

In this context, FCC Medio Ambiente has continued to develop its **2050 Sustainability Strategy** and fulfil its commitments and objectives in line with the SDGs of the 2030 Agenda, in accordance with the Holding's Sustainability Disclosure. An integrating element of this strategy is **innovation**,

which is in the company's DNA and the basis of its **competitive differentiation**, as evidenced by the significant **investment figure of close to €4 million in 2024 in R&D&I projects managed**. During the year, numerous **100 % electric collection and cleansing equipment** developed by the company have been **put into service**, and it continues to carry out research in the field of **Vehicles with Renewable Energies**, as well as in projects that promote the **Circular Economy**, and in **Information and Communication Technologies** applied to services.

In 2024, the company completed the development of the **project for a chassis-platform** with hybrid **battery-hydrogen fuel cell** technology (**H2TRUCK**). The first application was a side-loading collection lorry whose global premiere took place in November at the **Smart City Expo World Congress Barcelona**, where it was **awarded the World Smart City Awards** in the category of **'Energy and Urban Environment'**. The prototype has already been

tested in several Spanish cities. Similarly, the line of research into **connected service equipment and autonomous driving** continues to be developed with the **PLAUSU** (PLataforma AUtónoma para Servicios Urbanos) project, recognised with funds from the Centre for Technological Development and Innovation (CDTI) and co-financed by the European Regional Development Fund (ERDF).

In 2024, FCC Medio Ambiente Atlantic will continue to focus on tenders for the **development of facilities** that will make it possible to meet the European Union's demanding **recycling and landfill diversion targets**, especially in projects based on **waste-to-energy technologies**, and in the implementation of the **separate collection of organic waste**, with support in many cases from the **'Next Generation' European funds** of the Spanish Recovery, Transformation and Resilience Plan (PRTRE).



## FCC Meio Ambiente Portugal

The environmental services market in Portugal continues to evolve favourably, with the **renewal of the Waste Collection and Street Cleansing contract in Marco de Canaveses**, where the company has been providing services continuously since 2006.

In 2024, the percentage of generated municipal waste that was landfilled in Portugal exceeded 55 %, which places the country far from the target imposed by the European Union of reducing that rate to below 10 % by 2035. This figure, together with the lack of capacity at existing landfill sites, means that other treatment options, such as energy recovery, can be explored. 2025 will be the year of decisions on the implementation of alternatives to landfill and **FCC Meio Ambiente, with its experience in energy recovery**, is in a privileged position to provide municipalities with solutions based on this technology.

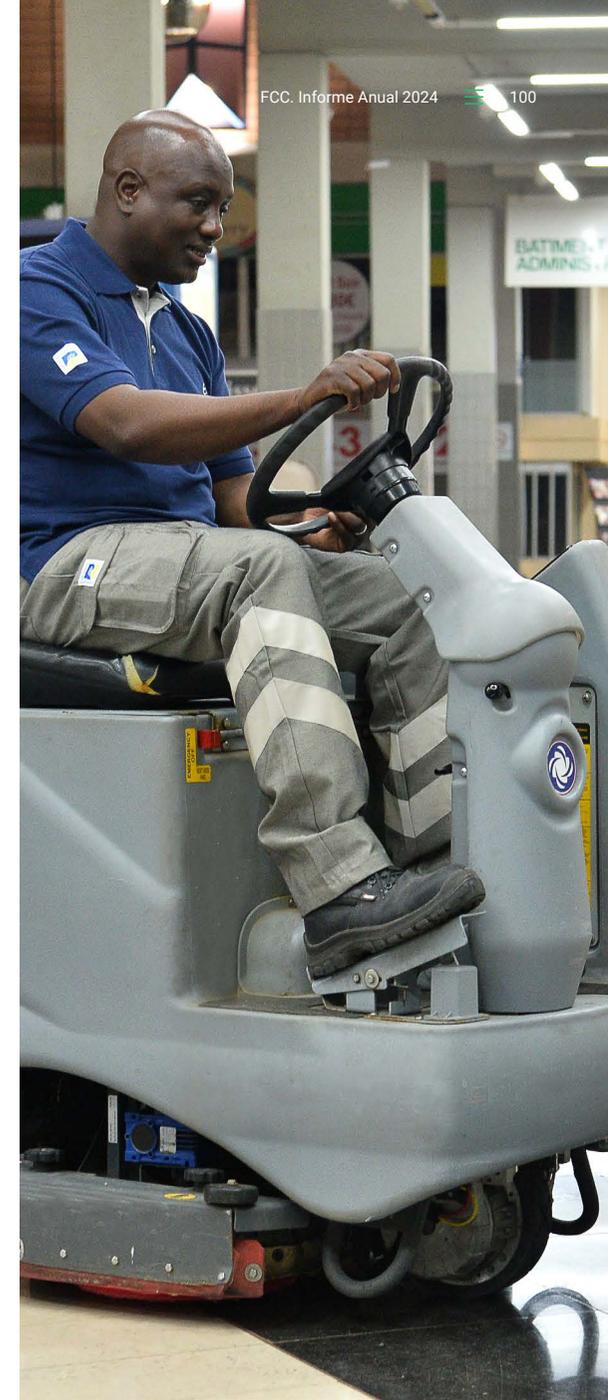
## FCC Environnement France

The acquisition of Europe Services Group (ESG), completed in 2024, adds annualised turnover of €100 million and a workforce of over 2,200 people. It has 25 years of experience in France and operates through three specific subsidiaries:

- **Europe Services Déchets**, which provides municipal waste collection and transport services. The waste sector in France is evolving under the influence of strengthened environmental regulations, such as the obligation of sorting at source and the specific collection of bio-waste imposed in 2024.
- **Europe Services Voirie**, with public street cleansing contracts in municipalities. In this sector, 50 % of the market is still provided directly by local authorities, especially in small municipalities, with challenges related to the communities' budgetary constraints and growing environmental requirements.
- **Europe Services Propreté**, which provides facility cleaning services for public and private clients. This is a very dynamic industry facing significant challenges, such as strong competition, cost pressures and increasing demands for environmental responsibility.

The addition of **ESG is the ideal platform for the development of FCC Environnement's business in France**, both in **new areas of the country** and in **new activities**, such as the **energy recovery of waste**, which is strategic for the Holding, with the aim of **positioning the company in the long term as an innovative, committed and responsible player in the French market**. Furthermore, FCC Environnement's strategy for 2025 will focus on:

- The ecological transition with the development of CO<sub>2</sub> emissions reduction (cleaner fleet, carbon offsetting projects).
- The maintenance of the certifications of the current standards in Quality, Safety and Environment (QSE from its acronym in French) and the Corporate Social Responsibility (CSR) evaluation project by Ecovadis.
- A committed social policy, with the signing of the Diversity Charter, raising awareness of road risks through QSE/CSR actions and the organisation of games, competitions, activities and workshops in relation to Quality of Life and Working Conditions (QVCT from its acronym in French) in subsidiaries to unite teams and reinforce the sense of belonging to the parent company and its brand image.



## FCC Ámbito

FCC Ámbito is specialized in the comprehensive management of industrial and commercial waste, recovery of by-products and decontamination of soil. Through innovative solutions to make the most of resources contained in the different types of waste, FCC Ámbito has become a strategic partner of industries and businesses that, aligned with the circular economy, develop their activities ensuring environmental, social and economic sustainability. Overall, it operates a total of 39 treatment centres in Spain and Portugal, which represent 69 process lines that guarantee the performance of the facilities. Internationally, FCC Ámbito has a significant presence in Portugal, where it operates through its subsidiaries ECODEAL and RESICORREIA, the latter acquired in 2024.

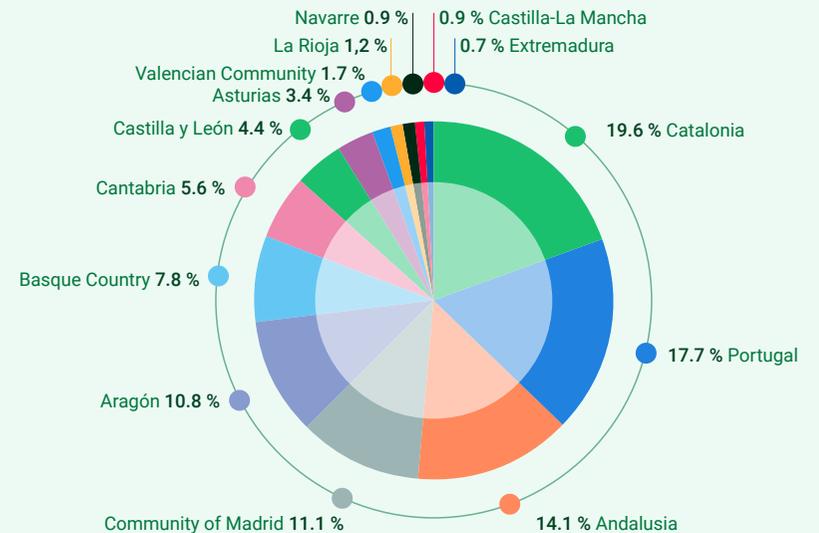
Within the Spanish market, there has been a 5 % increase in the tonnes of processed waste throughout the year. The result of FCC Ámbito's activity is improving, consolidating the recovery of margins from the lows of the economic and pandemic crisis. The legislative changes that are taking place promote greater control of waste traceability by regional administrations, a fact which, together with the entry into force of extended producer responsibility, favours management companies that possess end of treatment facilities, as is the case with FCC Ámbito.

In terms of process optimisation and focusing on reducing fossil fuel-based energy consumption, FCC Ámbito is firmly committed to solar energy with a major investment plan for the 2023-2024 biennium, in most of its facilities, thus contributing to the achievement of the FCC Servicios Medio Ambiente Holding's decarbonisation and sustainability objectives.

In Portugal there has also been a significant increase in the number of tonnes treated, mainly due to special operations this year, consolidating the recovery of activity with the main recurring customers, both in terms of tonnes treated and prices.

This year, the Industrial Waste activity will continue to focus on operational efficiency and growth, with the addition of wind turbine blade recycling. The integration of new technologies will allow FCC Ámbito to strengthen its position in the waste recycling and recovery markets, positioning itself as a key player in the circular economy.

### Turnover 2024. Geographical location



## FCC Environment UK

FCC Environment has this year again strengthened its position as one of the leading companies in the United Kingdom for comprehensive waste management and recycling. The business continues to focus on harnessing the full potential of the resources it manages, targeting greater volumes of recycling whilst generating energy from the waste that cannot be cost-effectively recycled.

Across the country the company serves over 23 million citizens and in 2024 it managed 6.9 million tonnes of waste as a resource, with a capacity of 330 MWe of energy production from non-recyclable waste. The business collects waste from 2.7 million people in the UK. It holds 130 local authority contracts and provides services to countless businesses up and down the country. In 2024 it produced more than 1.2 million tonnes of recyclables and refuse-derived fuel. The company currently manages 34 waste recycling and processing facilities, including nine integrated waste management compounds, eight material recycling facilities, and eight energy recovery plants. It also operates 103 waste recycling centres and 46 waste transfer stations.

FCC Environment achieved **revenues of €923 million** in 2024, an **increase of 18,6 % on 2023**, with a **gross operating profit of €177.1 million** which constitutes an outstanding performance.

In June of 2024 the company completed **the purchase of Urbaser’s affiliate in the UK, which has strengthened the UK business’ position** in composting, material recovery, waste to energy and final disposal facilities in addition to household recycling centres as well as municipal waste collection, recycling centre management and street cleansing services.

2024 also saw much political change in the UK with a new Labour administration bringing forward a very clear ambition for growth. FCC Environment worked in tandem with the new Government on policies that will really change the way it provides services to its customers and to citizens throughout the country.

The Government launched an Extended Producer Responsibility scheme ensuring that all packaging companies pay the full cost of collection and disposal of the materials they put on supermarket shelves; confirmed the detail around Simpler Recycling which will see mandatory food waste collections and the introduction of flexible plastic packaging to household collections; and made a commitment to establish a Deposit Return Scheme in 2027.

The UK business has also spent much of the year focusing on demonstrating its Environmental, Social and Governance (ESG) achievements and we are working hard to evidence that we deliver real social value to the communities we serve.

Likewise, FCC Environment has invested in a wide range of waste management facilities that aim to minimise the amount of waste going to

landfill sites by processing the material to ensure it reaches its full potential as a valuable resource.

In 2024 FCC Environment has continued to develop its own plan to achieve Net Zero Emissions and deliver environmental excellence in everything

it does, with a consistent focus on social value, promoting the repair and reuse of items that still have a useful life, increasing recycling in line with Government policy, greener fuels and vehicles and the recovery of land for economic use, as well as improving biodiversity in all its activities.

### Inhabitants served 2024



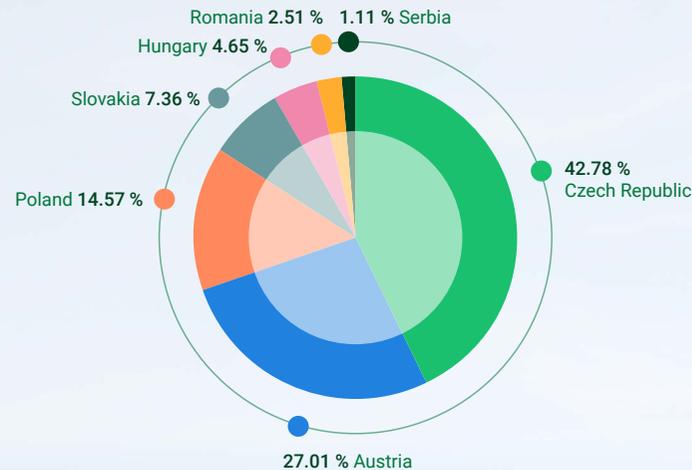
## FCC Environment CEE

FCC Environment is one of the leading global groups in Central and Eastern Europe (CEE) in the end-to-end management of municipal solid waste and the recovery of renewable energies, where it serves 5.3 million inhabitants in 1,656 municipalities across 7 countries. It applies innovative systems and state-of-the-art clean technologies in the provision of quality services, sustainable in the medium and long term and adapted to the needs of customers.

Despite a demanding economic environment, with GDP growth still moderate in many Central and Eastern European countries, FCC Environment CEE has achieved excellent results in 2024, **raising its revenue to €654.4 million (+7.8 % compared to 2023)** and its **gross operating profit to €122.5 million (an increase of 12.2 % over the previous year)**.

The main drivers of this positive development were the substantial improvement of the secondary raw materials market; price increases in collection services that exceeded cumulative inflation increases since 2023; higher volumes received at the group's landfills; and additional services provided to remove flood waste following heavy autumn rainfalls.

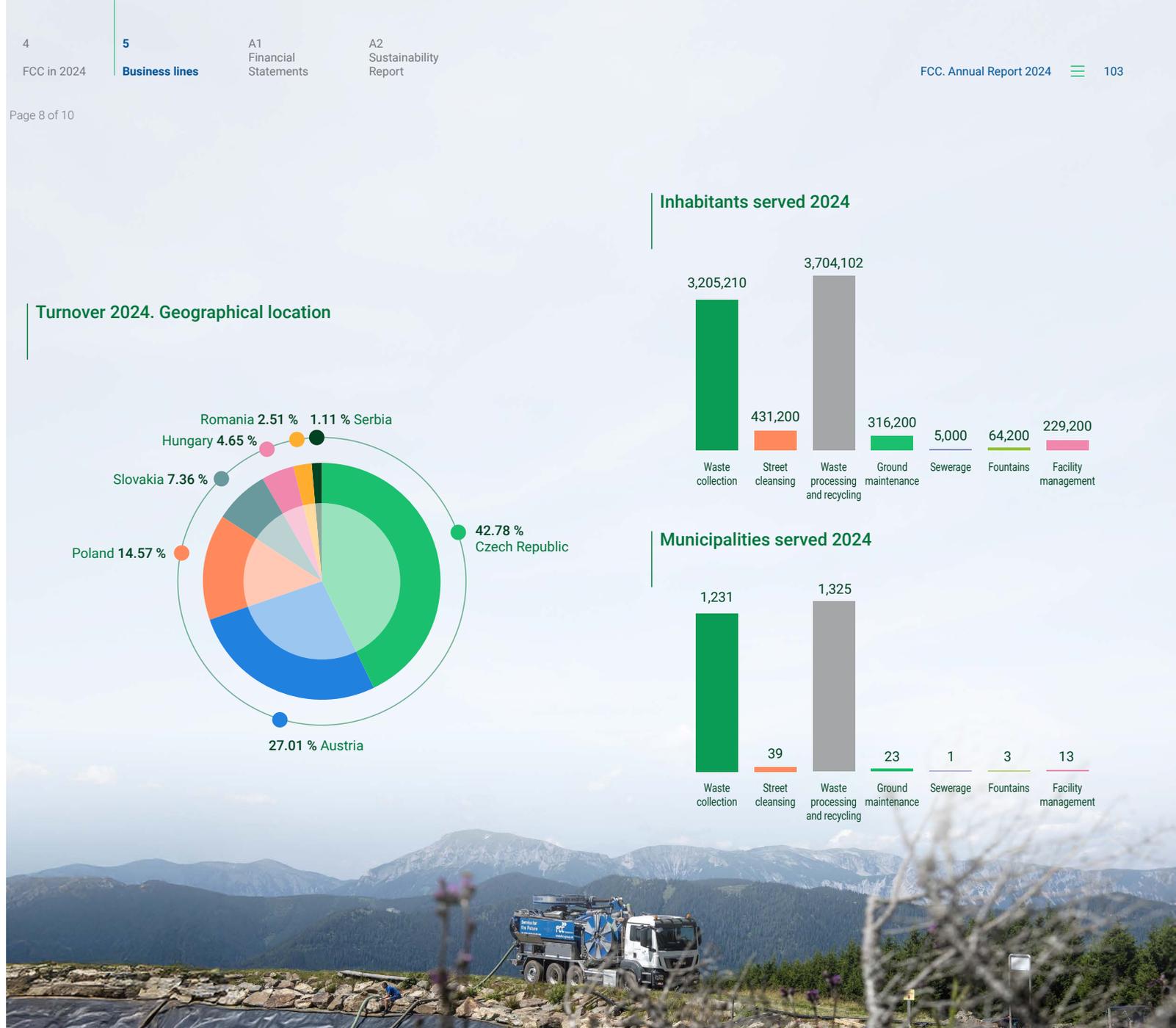
### Turnover 2024. Geographical location



### Inhabitants served 2024



### Municipalities served 2024



# FCC Environmental Services USA

FCC Environmental Services is one of the top 15 waste management companies in the United States and in 2024 it managed 2.35 million tonnes of waste. It serves 11.6 million Americans and, as well as being present in the states of California, Texas, Florida, Nebraska and Iowa, in 2024 it has extended its activities to Minnesota and North Carolina.

The US market continues to offer significant opportunities in the field of the solid waste management, as well as in waste recycling and treatment, and this year has seen increased activity in the Waste to Energy market.

Once again, 2024 was an exceptional year for the business, with the award of several long-term contracts in Florida, particularly in Clay and Sarasota counties, in the city of Saint Paul (Minnesota) and in Buncombe County (North Carolina). In 2024 the company also successfully completed the start-up of four new contracts, three in Florida (St. Johns, Clay and Polk counties) and one in St. Paul (Minnesota).

In 2024, the **economic and financial performance** of FCC Environmental Services has remained on a path of **growth and excellence**, with **€384.2 million in turnover and €61.1 million in gross operating profit**, representing **increases of 9.3 % and 27.5 % respectively over 2023**. The **portfolio** of projects has reached a record figure of **€2.435 billion**, an **increase of 15.5 %** with respect to 2023.

A major milestone has been the **acquisition of Gel Recycling**, a waste management company in the Volusia area of Florida, where FCC has a strong presence in the collection business. With this purchase, the company adds two material recycling facilities (MRF), a transfer station and a construction and demolition (C&D) waste landfill to its business. This has also allowed it to vertically integrate and consolidate its commercial business in the state. The company currently has a presence in 16 locations in the U.S.: West Palm Beach, Edgewood, Tampa, Orlando, Lakeland, Daytona Beach, Palm Coast, Port St. Lucie, Lake County, St. Johns, Clay, Houston, Dallas, Omaha, St. Paul and Placer County.

FCC Environmental Services' strategy for 2025 is to consolidate the commercial business and continue with the vertical integration of the business, with the incorporation of a new line of activity in the field of waste-to-energy and the potential acquisition of companies that fit in with the company's long-term strategy.

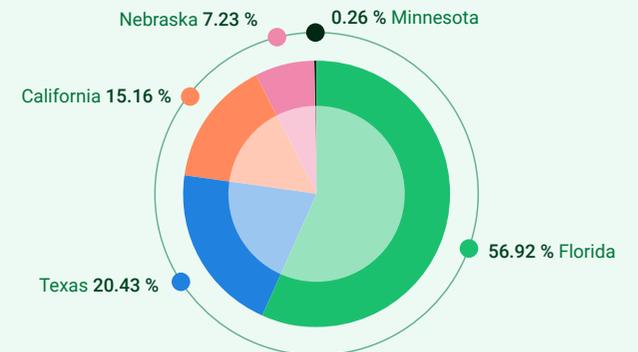
The commercial business has a total of nine offices in four states: Texas (Houston and Dallas), Florida (West Palm Beach, Daytona Beach, Port St. Lucie, Tampa, Lakeland and Orlando), Nebraska (Omaha) and Council Bluffs (Iowa). The commercial business currently provides services to industrial clients such as Exxon Mobil, Amazon, Dr Pepper, Greater Omaha Meat Packing and large universities.



## Inhabitants served 2024



## Turnover 2024. Geographical location

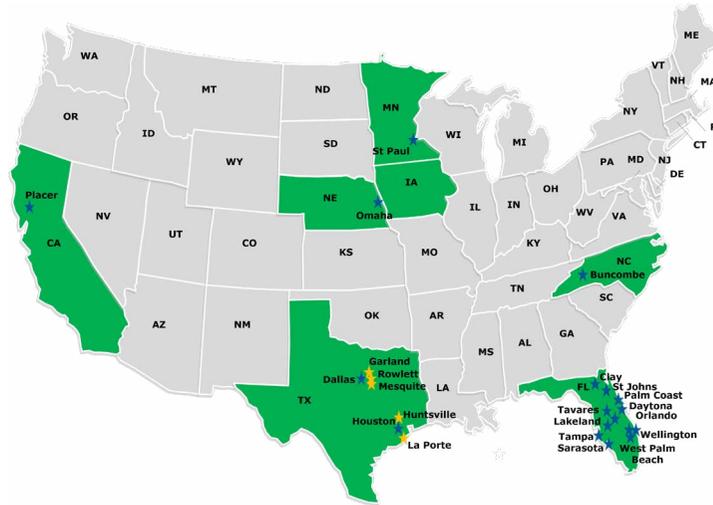


There is a four-prong growth strategy for the commercial line of business. First, continue to sell front-load and roll-off business to small, medium and large businesses. Second, expand the current customer's portfolio and market all the additional services that FCC has to offer. Third, sell profitable business while capitalizing on off-cycle and annual price increases. The fourth and last lever, added in 2024, was the development of "Overage" and "Hard to Handle" programmes in the Houston and Dallas Divisions. This programme added \$1.3 million in accretive revenue to the Dallas and Houston hauling sites and will be launched in the Orlando and Tampa site by the end of 2025.

In 2024 the commercial line of business increased its Ebitda by 600 basis points, expanding the margin to 20 %, largely driven by increases in pricing and overage programmes. Year-on-year revenue growth was \$16 million, ending 2024 with \$77 million in commercial sales.

Commercial customers are as follows: 65 % retail, 25 % manufacturing and industrial customers, and 10 % miscellaneous.

### Presence of FCC Environmental Services in the U.S.



### FCC Environmental Services Activity in the USA in 2024

- Award and start-up of the contract for the collection of municipal solid waste in Clay County for the next 10 + 5 + 5 years (Florida).
- Commissioning of the new construction and demolition (C&D) waste treatment plant in Placer County (California).
- Start-up of the recyclable waste contract for the city of Garland (Texas).
- Award of the contract for the collection of municipal solid waste in the South District of Sarasota County for the next 7 + 7 + 6 years (Florida).
- Award of the contract for the collection of municipal solid waste in Buncombe County for the next 7 + 1 years (North Carolina).
- Start-up of the municipal solid waste collection contract for the western part of Polk County (Florida).
- Award and start-up of the contract for the collection of municipal solid waste in the city of St. Paul for the next 7 years (Minnesota).
- Integration of Gel Recycling Holdings (Florida).
- Start-up of the municipal solid waste collection contract for St. Johns County (Florida).

## 2. Activity in the Environment Area

**1. USA**  
**FCC Environmental Services**  
**Sarasota County (Florida)**  
Waste collection in the South District.  
€720.01 million.  
**Clay County (Florida)**  
Waste Collection.  
€403 million.  
**Saint Paul (Minnesota)**  
Waste Collection.  
€110.37 million.  
**Buncombe County (North Carolina)**  
Waste Collection.  
€105.59 million.

**2. ENGLAND**  
**FCC Environment**  
**Herefordshire**  
Waste and Recycling Collection.  
€54.36 million.  
**Cheshire West and Chester**  
Waste Disposal.  
€41.56 million.  
**Hull City and East Riding of Yorkshire Councils**  
Management of 13 Household Waste Recycling Centres and three Transfer Stations.  
€38,05 million.  
**West Northamptonshire**  
Management of six Household Recycling Centres.

**3. PORTUGAL**  
**FCC Meio Ambiente**  
**Marco de Canaveses**  
Waste Collection and Street Cleansing.  
€25.98 million.

**4. FRANCE**  
**FCC Environnement**  
**Cœur d'Essonne Agglo**  
Facility Management.  
**Paris-Seine**  
Facility Management.  
**Vitry-sur-Seine**  
Street Cleansing.  
**CA Paris Saclay**  
Waste Collection.  
**Rambouillet SICTOM**  
Waste Collection.

**5. POLAND**  
**FCC Environment**  
**Bytom**  
Waste Collection and Treatment.  
€18.9 million.

**6. AUSTRIA**  
**FCC Environment**  
**Tyrol**  
ÖBB Waste Transport and Treatment.

**7. CZECH REPUBLIC**  
**FCC Environment**  
**Prostějov**  
Management of several municipal services.  
€36.67 million.  
**Kvasiny**  
Waste Collection, Transport and Treatment for Škoda Auto a.s.

**8. ROMANIA**  
**FCC Environment**  
**Valea Mărlului (Galați)**  
Operation of the Integrated Waste Management Centre.  
€16.78 million.

**9. ESPAÑA**  
**FCC Medio Ambiente**  
**Hospitalet de Llobregat (Barcelona)**  
Waste Collection, Street Cleansing and Management of Household Waste Recycling Centres.  
€395.24 million.  
**Bilbao (Biscay)**  
Waste Collection and Street Cleansing (Lot 1) and Mercabilbao (Lot 2).  
€268 million.  
**San Sebastián (Gipuzkoa)**  
Street Cleansing.  
€149.1 million.

**Badajoz**  
Management of GESPEA facilities.  
€94.45 million.  
**Benalmádena (Málaga)**  
Waste Collection, Street Cleansing and Management of the Household Waste Recycling Centre.  
€82.1 million.

**Palencia**  
Waste Collection and Street Cleansing.  
€73.9 million.  
**Ávila**  
Waste Collection and Street Cleansing.  
€73 million.

**Baix Penedès (Tarragona)**  
Waste Collection and Management of the Household Waste Recycling Centre.  
€67.6 million.

**San Marcos Municipalities Association (Gipuzkoa)**  
Selective Waste Collection.  
€51.94 million.

**Fuengirola (Málaga)**  
Waste Collection and Street Cleansing.  
€37.1 million.

**Txorierrri Municipalities Association (Biscay)**  
Waste Collection and Street Cleansing.  
€29.45 million.

**Xàtiva (Valencia)**  
Waste Collection and Street Cleansing.  
€29.34 million.

**Sestao (Biscay)**  
Waste Collection and Street Cleansing.  
€24.88 million.

**Vall D'Aran (Lleida)**  
Waste Collection.  
€23.71 million.

**Marratxí (Palma de Mallorca)**  
Waste Collection.  
€21.68 million.

**El Masnou (Barcelona)**  
Waste Collection and Street and Beach Cleansing.  
€19.98 million.

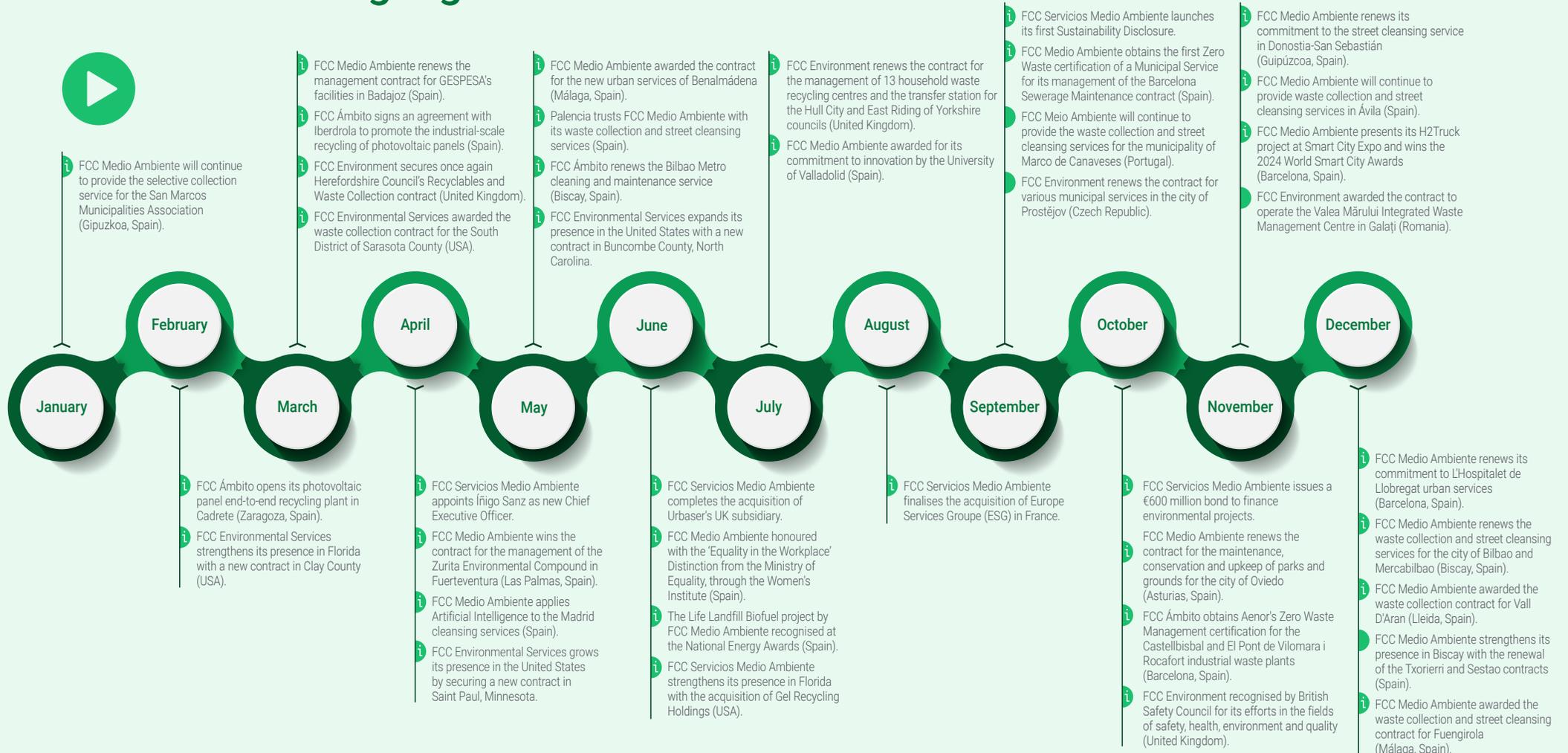
**Oviedo (Asturias)**  
Maintenance, Upkeep and Improvement of Green Areas and Woodlands.  
€19.1 million.

**FCC Àmbito**  
**Córdoba, Jaén and Málaga**  
Management of Agricultural Packaging Waste promoted by SIGFITO Agroenvases S.L.

**Bilbao (Biscay)**  
Cleaning and Maintenance of the Metro Infrastructure.

**Southern Region**  
Management of Hazardous Waste at the Spanish Army Bases, Barracks and Establishments.

# 3. Environment Highlights 2024



## 4. Other highlights

### Purchase of Urbaser's UK subsidiary

FCC Servicios Medio Ambiente has completed the purchase of Urbaser's affiliate in the United Kingdom announced in December 2023. This acquisition strengthens the business' position as one of the country's leading waste management operators. The purchase of Urbaser's UK business will enable FCC Environment UK to expand its product and service offer and enhance the value proposal for its customers further emphasising the leading position of FCC Servicios Medio Ambiente, both at European and global level, in the sector of circular economy and comprehensive waste management.

Urbaser UK operates composting, material recovery, waste to energy and final disposal facilities in addition to household recycling centres. It also provides municipal waste collection, recycling centre management and street cleansing services.

### Acquisition of Europe Services Groupe in France

FCC Servicios Medio Ambiente has finalised the acquisition of all the operations of Europe Services Groupe (ESG) in France, which it has integrated into the French subsidiary FCC Environnement. The operation constitutes an excellent platform for developing the business in the country and highlights the company's strategic interest in it. It will bring an annual turnover of €100 million and a workforce of over 2,200 people.

ESG concentrates its activity in two of the most populated areas of France, the metropolitan areas of Paris and Lyon, where through its four operational subsidiaries it provides municipal waste collection, street cleansing, professional cleaning and maintenance services for public and private clients.

### Gel Recycling Holdings

FCC Environmental Services has taken a significant step in its expansion in North America with the acquisition of Gel Recycling Holdings, one of the largest recyclable materials processors in central Florida. This strategic move includes the integration of three recycling facilities and a construction and demolition waste landfill into the company's operations in Florida, as well as the incorporation of 120 employees.

Gel Recycling's facilities are located in Orange City, Daytona Beach, DeLand and Jacksonville. The company has multiple contracts in Florida that present numerous opportunities for potential synergies through the large number of collection services that FCC Environmental Services already provides in the state. The acquisition not only strengthens FCC's presence in Florida, but will further solidify relationships with current clients looking to purchase recycled materials in the state market.

### Issuance of a €600 million bond to finance environmental projects

In 2024 FCC Servicios Medio Ambiente finalised the issuance of a €600 million bond, within the Sustainable Financing Framework updated by the company on 14 September 2023, which has received a favourable opinion from the global classification society Det Norske Veritas (DNV).

The Framework follows the Green Loan and Bond Principles established by the International Capital Market Association (ICMA) and the Loan Market Association (LMA), as it encompasses financing products of both types.

The main objective of this green bond issue is to finance important investments that will enable the development of sustainable environmental activities, including pollution prevention and control, clean transport and the circular economy.



## ATLANTIC. FCC Medio Ambiente Spain



### FCC Medio Ambiente with the population affected by the DANA

Since the day after the DANA meteorological phenomenon occurred, having a devastating effect on many municipalities in the Valencian Region, FCC Medio Ambiente, in coordination with the city councils of the municipalities it serves, has been providing teams to collaborate in the work being carried out to help the affected citizens to return to normal as soon as possible. The company's volunteers, who are working selflessly and in very complex situations, are the key element of this deployment.

To date, the company has provided over 280 volunteers with 1,400 workdays and more than 137 specialised pieces of equipment with 1,100 workdays from various regions of Spain and has also sent essential supplies and tools (gloves, masks, boots, etc.).

FCC Medio Ambiente would like to explicitly recognise the altruism of its volunteer workers, without whom this aid would not be possible, and to express its gratitude to all city councils that collaborated. The company continues to work for the municipalities and citizens affected.



### FCC Medio Ambiente renews its commitment to the L'Hospitalet de Llobregat urban services (Barcelona)

FCC Medio Ambiente has renewed the contract for waste collection, street cleansing, management of household waste recycling centre and maintenance of the sewerage system in L'Hospitalet de Llobregat, where it has been present since 1960, for an order book value of almost €400 million for the next 10 years. The service will employ a workforce of nearly 500 people to serve a population of over 260,000 inhabitants, collect nearly 88,500 tonnes of waste per year and cover an area of 12.5 square kilometres. The entire fleet will be renewed and the more than 130 vehicles and machines in the service will boast the Eco or Zero Emissions environmental label. Social sustainability is another of the main pillars of this renewal, having planned and increase of the percentage of women in the workforce from 30 % to 50 %.



### Bilbao continues to place its trust in FCC Medio Ambiente (Biscay, Spain)

Bilbao City Council, where FCC Medio Ambiente has been providing services uninterruptedly since 1972, has awarded the joint venture 'Bio Garbiketa' the contract for the waste collection and street cleansing services for the city (Lot 1) and Mercabilbao (Lot 2). The order book value amounts to close to €268 million for the next five years. To serve the municipality's over 346,000 inhabitants, the company will have a fleet of more than 300 vehicles, 33 % of which boasts ECO or Zero Emissions environmental labels, demonstrating the commitment of the City Council and the company to sustainability and care for the environment. The service has a workforce of 900 people and plans to collect around 143,000 tonnes of waste and cover a total of more than 1,000 kilometres of streets.

## ATLANTIC. FCC Medio Ambiente Spain



### FCC Medio Ambiente will continue to provide street cleaning services in Donostia-San Sebastián (Gipúzcoa)

Donostia-San Sebastián City Council has awarded the joint venture 'EASO GARBIA' the contract to provide the city's new street cleansing service, which the company has been delivering since 1981. The contract is worth €149.1 million over the next 10 years and will serve more than 188,000 inhabitants. The service, which has a workforce of 214 people to cover the nearly 280 kilometres of streets, is based on four main axes: increasing the electrification of the vehicle fleet, improving cleaning levels, optimising work routes and modernising selective waste collection bins. Based on these axes, the contract pays special attention to sustainability and introduces 157 newly acquired vehicles, 60 % of which are electric. It is also committed to a programme of technological innovations and pilot projects based on artificial intelligence.



### FCC Medio Ambiente renews the management contract for GESPEA's facilities in Badajoz (Extremadura)

*Gestión y Explotación de Servicios Públicos Extremeños, S.A.U.* (GESPEA) has once again awarded FCC Medio Ambiente the contract for the operation, maintenance and upkeep of the facilities attached to Management Area 4 of Badajoz for the transport and treatment of non-hazardous domestic and commercial waste. FCC Medio Ambiente has been providing this service to GESPEA since 2005, serving a population of approximately 243,000 inhabitants in 36 municipalities in the province. The order book value exceeds €100 million for the next 15 years. The contract includes an investment of €56.6 million for the refurbishment and modernisation of the facilities, which is expected to be completed in 18 months. The facilities manage around 110,000 tonnes of waste per year of the residual, bulky and light packaging fractions and have a workforce of 65 people.



### FCC Medio Ambiente awarded the contract for the new urban services of Benalmádena (Málaga)

The joint venture 'FCC Al-Ma'Din', made up of FCC Medio Ambiente and its subsidiary FCC Equal Special Employment Centre, has been awarded the contract for waste collection, street cleansing and management of household waste recycling centres in the city of Benalmádena. The contract is worth a total of 82 million euros over the next 10 years and will provide employment for a total of 75,800 people. The service has a workforce of more than 110 people and a fleet of 45 vehicles, of which 23 % of the collection vehicles and nearly 60 % of the street cleansing vehicles are electrically powered, demonstrating the commitment to the environment and sustainability of Benalmádena City Council and the FCC Medio Ambiente joint venture. The service collects 45,000 tonnes of waste annually and covers a total of 307.41 kilometres of streets.

## ATLANTIC. FCC Medio Ambiente Spain



### Palencia trusts FCC Medio Ambiente with its waste collection and street cleansing services

Palencia City Council has awarded the new contract for waste collection and street cleansing in the city for the next 10 years to a joint venture led by FCC Medio Ambiente. The contract, worth around €74 million, will employ almost 120 people. This new service will incorporate 100 %-electric vehicles and machines and ECO-labelled dual waste collection lorries, as well as the introduction of the organic and residual fractions containers. The entire fleet of bins will be renewed and 20 volumetric sensors will be installed in the organic waste bins. Also noteworthy are the collaboration agreements signed with local associations and foundations for the hiring of people from groups at risk of social exclusion.



### FCC Medio Ambiente renews the waste collection and street cleansing contract for Ávila

FCC Medio Ambiente, which has been present in the city of Ávila since 1986, has been awarded the waste collection and street cleansing contract for the next 10 years, worth €73 million and with a workforce of almost 120 people. As a sign of the commitment of Ávila City Council and the company to the European Union's recycling targets, sustainability and care for the environment, 100 %-electric vehicles and machines and organic fraction containers are being introduced. The new service seeks to reinforce selective collection and reduce the residual fraction by promoting waste sorting at source thanks to greater collection frequencies and awareness-raising and information campaigns for the public. The contract includes collaboration agreements with local associations and foundations for the hiring of people from groups at risk of social exclusion.



### Oviedo renews its trust in FCC Medio Ambiente for the care of its parks and grounds (Asturias)

Oviedo City Council has awarded a joint venture led by FCC Medio Ambiente the contract to provide maintenance, upkeep and improvement services for the city's parks and grounds. The contract, which represents an order book value of €19.1 million for the next four years, with a possible one-year extension, will staff around 100 people and will be responsible for the care of over 200 hectares of green areas, around 9,500 units of lined-up trees and 16,700 units in green spaces. 70 % of the vehicles and the totality of the machinery equipment will have an ECO or Zero-Emission label, including 100 %-electric, Compressed Natural GAS (CNG) powered or hybrid units, thus significantly contributing to the joint objective of the company and the City Council to reduce the carbon footprint and noise pollution. The company has been providing this service since 2007 and has been present in the city of Oviedo since 1986.

## ATLANTIC. FCC Ámbito



### FCC Ámbito opens its photovoltaic panel end-to-end recycling plant in Cadrete (Zaragoza)

Located in Cadrete (Zaragoza), the aim of the plant is to offer the photovoltaic sector a solution for the recycling of its panels, both those that reach the end of their useful life and those that for various reasons become waste during the installation or operation of the parks. The facility will enable 200,000 panels to be recycled every year and has received an investment of €1 million. With the management of the increasingly abundant Waste of Electrical and Electronic Equipment (WEEE), FCC Ámbito seeks to reinforce the environmental axis of the 2050 Sustainability Strategy of FCC Medio Ambiente, through the promotion of the circular economy, with the aim of reaching the European Union's waste recovery targets for 2035.



### Renewal of the cleansing and maintenance service for the Bilbao Metro (Biscay)

FCC Ámbito renewed the cleansing and maintenance contract for the infrastructure of the Bilbao Metro for the next 10 years, with an order book value of over than €7 million. The company has been providing this service uninterruptedly since 1999. The scope of the work, carried out mainly at night, includes the cleaning and maintenance of technical rooms, substations, tunnels, station yards, various enclosures and ancillary elements such as pumping wells, ventilation yards, drain grates, sewers, station and workshop pits, as well as water collection and management and the maintenance of biological filters. With this important contract the company strengthens the expansion of its environmental services activities in the industry and the tertiary sector in the Basque Country.



### SIGFITO continues to trust FCC Ámbito for the management of agricultural packaging in Andalusia

FCC Ámbito has been awarded the contract for the management of agricultural packaging waste promoted by SIGFITO Agroenvases S.L., in the Autonomous Community of Andalusia, specifically in the provinces of Córdoba, Jaén and Málaga. The service covers the different stages of integrated waste management in accordance with current regulations and administrative authorisations, always guaranteeing traceability through the continuous monitoring of waste, from the control of its labelling at the point of collection to its final management. SIGFITO is the Collective Extended Producer Responsibility System (SCRAP) authorised at the national level for the collection of commercial and industrial packaging from the agricultural sector and trapping devices. FCC Ámbito has been collaborating with SIGFITO non-stop, since its creation, over 20 years ago.

## ATLANTIC. FCC Ámbito



### FCC Ámbito extends its commitment to sustainable waste management to the Spanish Army Bases

FCC Ámbito has renewed the contract for Hazardous Waste Management in the Spanish Army Bases, Barracks and Establishments, thus reinforcing the strategic collaboration with the National Defence sector. The service includes the comprehensive management of waste generated in the different facilities and FCC Ámbito will prioritise recycling solutions, strengthening its commitment to the circular economy and the preservation of the environment. The company's approach is based on applying the management hierarchy, maximising the recovery of materials and minimising impact.

## ATLANTIC. FCC Meio Ambiente (Portugal)



### Renewal of the urban waste collection and street cleansing service in the municipality of Marco de Canaveses

FCC Meio Ambiente has renewed, for a sum of over €18 million and a period of ten years, the waste collection and street cleansing contract for the municipality of Marco de Canaveses, where it has provided uninterrupted service since 2006. The contract serves close to 50,000 inhabitants and includes the collection of organic and residual waste, as well as the maintenance and washing of containers.

## ATLANTIC. FCC Environnement (France)



- **Europe Services Déchets**, which provides waste collection and transport services, saw two important strategic contract renewals in Paris Saclay and Rambouillet for €5.53 and €4.36 million respectively.
- **Europe Services Propreté**, responsible for building cleaning services for public and private clients, renewed its contract with one of its main clients, Decathlon (Hauts-de-France). In addition, the contract with the Ministry of Defence in the Rhône-Alpes region and with the Cœur d'Essonne municipalities association have been renewed and it has been awarded a new contract in the Paris-Seine municipalities association (Île de France).
- **Europe Services Voirie**, a company dedicated to public street cleansing in municipalities, has been awarded the contract for the city of Vitry-sur-Seine and has renewed the contract for the metropolitan area of Grand Paris Sud.

## UNITED KINGDOM. FCC Environment UK



### Hull City Council and East Riding of Yorkshire Council renew their trust in FCC Environment

FCC Environment has been awarded an extension of the Household Waste Recycling Centre and Transfer Loading Station management contract with the Hull City and the East Riding of Yorkshire councils, where it has been providing this service since 2015. The extension means the contract will run until 2030, with an estimated value of around £45 million (€53 million). The service covers the operations of 13 household waste recycling centres across Hull and East Riding of Yorkshire, as well as three waste transfer stations in Carnaby, Goole and Wilmington. It also includes a commitment to the ongoing development and delivery of reuse operations across the region in partnership with Dove House, which in the last year has helped to give a second life to over 276 tonnes of material, totaling 2,306 tonnes since it first opened in 2015.



### FCC Environment to continue providing the recyclables and waste collection service in Herefordshire

Herefordshire Council has awarded FCC Environment the contract for the collection of recyclables and waste in the county. The company has been providing this service non-stop since July 2000 and with this renewal extends the services for an initial period of eight years, extendable by up to a further twelve years. One of the pillars of the service will be the deployment of two fully electric collection vehicles primarily to serve Hereford city centre, the county capital, a major step towards the county and the company's Net Zero targets.



### FCC Environment secures the extension of Cheshire West and Chester Council Residual Waste Disposal Services Contract

FCC Environment has been awarded a three-year extension, until 31st March 2027, of the contract with Cheshire West and Chester Council for the waste disposal service, which includes the receipt and bulking of waste at the Chapterhouse Close Transfer Station and its subsequent thermal treatment at the Energy from Waste Plant. This contract began in 2014 for 8 years and in 2022 was extended until 2024.

## UNITED KINGDOM. FCC Environment UK



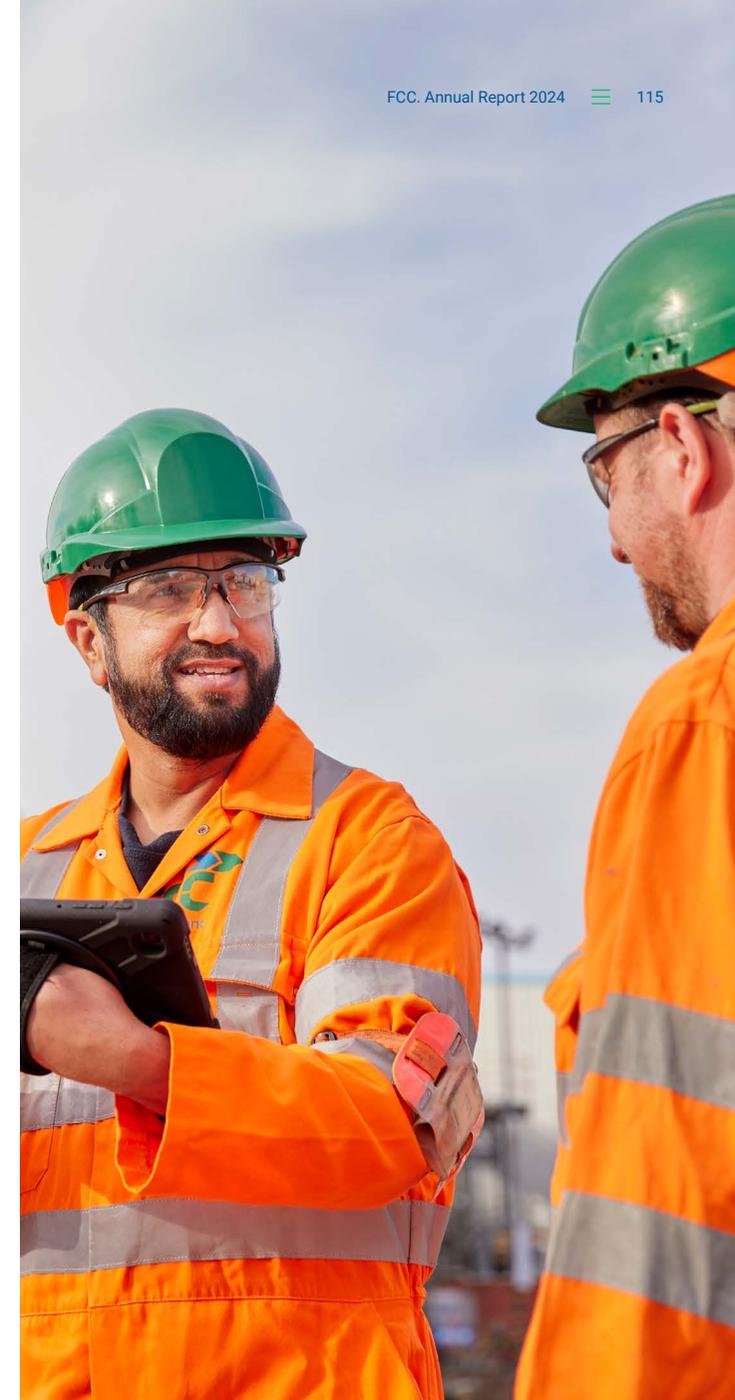
### Tenth anniversary of the Energy from Waste plant in Lincolnshire

The Lincolnshire Energy from Waste plant in North Hykeham has been in operation for 10 years, reducing the amount of the county's waste going to landfill by around 93 %. Lincolnshire County Council and FCC Environment work with the seven district councils, which carry out the initial collection of recyclable and non-recyclable waste from the county's homes and businesses, diverting waste from landfill by recovering its energy at the thermal recovery plant. The site is equipped to treat up to 190,000 tonnes of waste each year, converting it into 13.1 MW of electricity. This plant has now processed 1.7 million tonnes of waste, producing 830,000 MWh of energy for the National Grid to provide essential power for more than 27,000 homes throughout the county.



### FCC Environment appointed by West Northamptonshire Council to operate HWRC's across the county

West Northamptonshire Council has awarded FCC Environment the new contract for the management of six of its household waste recycling centres (HWRC), specifically those at Sixfields, Ecton Lane, Daventry, Towcester and Brixworth, and the Farthinghoe Recycling and Re-use Centre. This new contract will see residents able to take their waste to recycling centres across West Northamptonshire seven days a week offering a better service and value for money. One of the improvements of the new contract is the opening of an onsite reuse shop at Sixfields HWRC to reinforce the existing shop in Farthinghoe.



## CENTRAL AND EASTERN EUROPE. FCC Environment CEE



### FCC Environment renews the contract for various municipal services in the city of Prostějov (Czech Republic)

FCC Environment has renewed its contract with the Statutory City of Prostějov for a period of four years, worth €36.67 million. The contract covers a wide range of services, especially municipal waste management, road maintenance, public greenery, botanical gardens, children's playgrounds, sports grounds, street furniture, cemeteries and public lighting services.



### Award of the new contract for the management of the Integrated Waste Management Centre in Galați County (Romania)

FCC Environment has been awarded a significant contract for the management Integrated Waste Management Centre in Valea Mărului, Galați County. The contract represents a portfolio of €16.78 million over the next five years. The new service includes advanced waste collection, treatment and recycling systems, contributing to improving environmental conditions and the community well-being. This milestone reflects the company's commitment to sustainable waste management solutions and reinforces its position as a leader in the environmental services sector in Romania.



### Renewal of the ÖBB Tyrol contract (Austria)

FCC Environment in Austria has secured four renewal contracts for the collection and treatment of commercial and industrial waste for a total value of €8.3 million. The operations, which are estimated to manage a total waste volume of 41,500 tonnes, began in January 2025 for a duration of two years.



## CENTRAL AND EASTERN EUROPE. FCC Environment CEE



### Contract with Škoda Auto a.s. – Kvasiny (Czech Republic)

FCC Environment has successfully renewed its contract with Škoda Auto a.s. in Kvasiny for the collection, transport and treatment of waste, which represents an annual turnover of €2.9 million. This collaboration highlights the long-standing relationship with Škoda, a historical client since 1995 and the largest car manufacturer in Central Europe. The contract is provided with a specialised workforce of 70 people and equipment worth 400,000 euros, guaranteeing efficient and sustainable waste management for one of the main manufacturers in the region.



### Contract renewal with the city of Bytom (Poland)

FCC Environment has successfully renewed its contract with the Municipal Authority of Bytom to continue providing a wide range of municipal waste collection and treatment services for the next two years. This renewed agreement is projected to generate revenues of €18.9 million for the company.

## UNITED STATES. FCC Environmental Services



### Sarasota County awards FCC Environmental Services the contract for the collection of municipal solid waste (Florida)

The Sarasota County Board of Commissioners has awarded FCC Environmental Services the contract for the collection of municipal solid waste in the South District for a total of up to \$750 million (€688.7 million). The service has an initial duration of seven years with two possible extensions of seven and six years respectively and began on 31st March 2025. To fulfil this contract, which will provide employment for 90 people and serve around 250,000 residents and 2,000 commercial customers, the company will invest over \$45 million (€41.3 million) in a new fleet of 65 CNG lorries and 10 ancillary vehicles, and in the construction of a natural gas refueling station.



### Award for the collection of municipal solid waste contract in Clay County (Florida)

FCC Environmental Services has been awarded the contract for the collection of municipal solid waste in Clay County for a value of up to \$420 million (around €392 million) and a term of 10 years, plus two possible extensions of five years. To serve the county's over 230,000 inhabitants, the company will have a workforce of 70 people and plans to make significant operational investments, including the acquisition of 44 collection lorries and three ancillary vehicles. Clay County is the first contract that received a pink lorry in recognition of the Breast Cancer Awareness campaign.



### First FCC Environmental Services contract in the state of Minnesota

The city of Saint Paul, capital of the state of Minnesota, has awarded FCC Environmental Services a seven-year contract worth over \$115 million (around €107 million) for the collection of municipal solid waste. The service, which began on 1st November, employs around 60 local people and serves more than 300,000 inhabitants, and foresees a significant investment of \$25 million (€23.2 million). This investment will be used to purchase over 30 new CNG collection lorries and to build a CNG refueling station, as well as to purchase fully electric inspection vehicles and a lorry for collecting bulky items and other waste, also 100 % electric, reflecting the commitment of the Saint Paul City Council and FCC to sustainability and the urban environment.

## UNITED STATES. FCC Environmental Services



### FCC Servicios Medio Ambiente expands its presence in the United States with a new contract in North Carolina

The Buncombe County Board of Commissioners in North Carolina has awarded FCC Environmental Services the contract for the collection of municipal solid waste worth up to \$110 million (€101.4 million). The service, with an initial duration of seven years and a possible extension of one year, began on 1st January 2025. The contract aims to provide collection services to around 175,000 residents in the county's Unincorporated Areas, communities that have a common social identity but are not organised as a local entity. To offer this new service, the company will employ 43 local people and will make a significant investment of over \$15 million (€13.84 million), which includes approximately 70,000 new bins, 24 new collection vehicles and five ancillary vehicles.

### Start-ups of different contracts

- **Garland (Texas).** The renewal of the contract for the transport, treatment and commercialisation of the municipality's recyclable waste, awarded in 2023 for an order book value of almost €1 million, it began on 1<sup>st</sup> October.
- **St. Johns County (Florida).** Kicked off on 1<sup>st</sup> August, the first start-up of 2024, FCC Environmental Services provides the waste collection service with over 134 employees to serve the county's 320,000 residents. All prior service levels remain in place and a new facility in the St. Augustine area is being used for the deployment of services.
- **Clay County (Florida).** Started 1<sup>st</sup> October with 42 new collection vehicles and 72 staff to provide waste collection services to the county's more than 230,000 residents.
- **Polk County (Florida).** The contract began on 1<sup>st</sup> October and, since December 2016, it is one of FCC Environmental Services' first waste collection contracts in the United States. It serves 74,000 households and over 200,000 residents with a fleet of 36 CNG vehicles and more than 70 employees.





# 5. Excellence and sustainability

## Sustainability Disclosure 2023

In 2024, FCC Servicios Medio Ambiente published its first Sustainability Disclosure with the main objective of disseminating its commitment and the transparency of its performance in environmental, social and governance (ESG) matters.

This **Sustainability Disclosure**, aligned with the Sustainable Development Goals (SDGs), presents the consolidated figures for the year 2023 for all the geographical platforms where the holding company operates, laying the groundwork prior



to the incorporation of the new European ESRS (EU Sustainability Reporting Standards) into the company's sustainability reporting strategy. In addition, the group has presented for the first time the results of the cross-cutting projects it has been developing, such as the Climate Change Risk and Opportunity Analysis and the Dual Materiality Study.

In the words of the CEO, Iñigo Sanz:

*'This first Sustainability Disclosure highlights the great efforts that FCC Servicios Medio Ambiente is making in this field in all the regions where we operate, aligning the company's performance with the demands and expectations of our stakeholders and society.'*

## Key Sustainability Figures 2023 of the Executive Summary 2023 of FCC Medio Ambiente

After launching its biennial 2021-2022 Sustainability Report, aligned with the SDGs and verified by an independent external entity, in 2024 FCC Medio Ambiente presented for the first time the progress made in the main sustainability indicators in an executive summary on the Key Sustainability Figures within the framework of said biennial report.

Continuing with the slogan 'Leading the Era of Change', the report highlights the progress made in its 2050 Sustainability Strategy, which revolves around four lines of action: Environment, Social, Excellence and Governance; and presents the new Sustainability Action Plan; in addition to outlining the company's development for the near future.

Among the most relevant milestones, the commitment to the circular economy stands out, with a 27.5 % increase in the recovery of valuable materials. In terms of efficiency in the use of resources, the consumption of renewable energy has increased by 31.5 % (2021-2023) and the consumption of water from alternative sources by 30.5 %. Regarding the fight against climate change, in 2023 the company avoided the emission of 3,408,241 tonnes of CO<sub>2</sub>e.



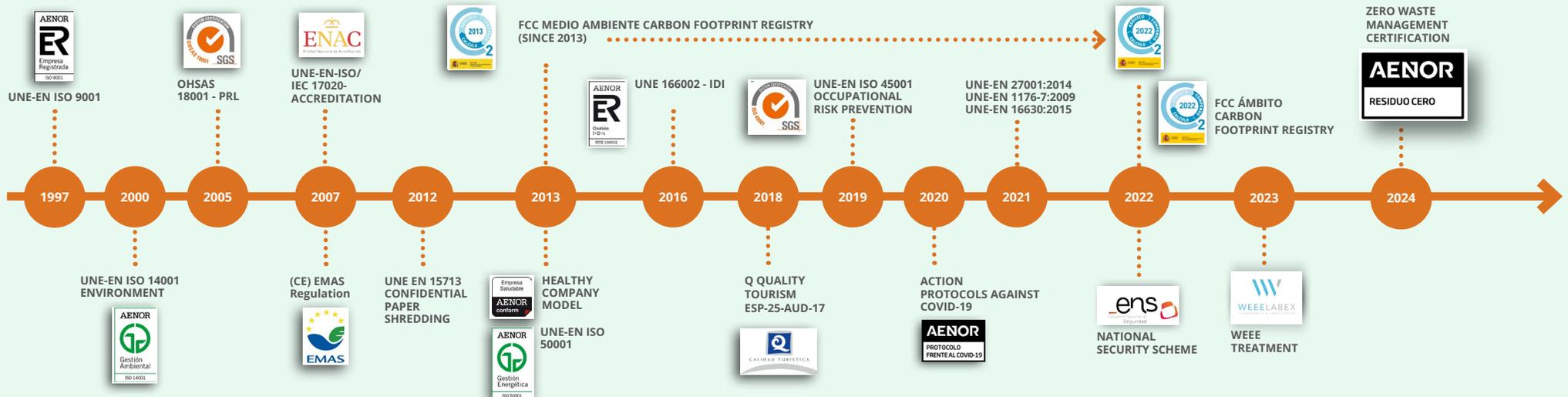
# Service excellence

FCC Servicios Medio Ambiente's commitment to excellence and sustainability benefits its entire value chain, from customers, suppliers, employees and, of course, to all citizens living in the communities the company provides service in, mainly public customers.

Both FCC Medio Ambiente and FCC Ámbito have implemented an Integrated Management System based on the requirements of internationally recognised standards that ensure a management model based on excellence and that integrates areas as varied as quality, environment, occupational health and safety (OHS), R&D&I,

energy efficiency, healthy business, tourism quality and information security, among others. This system establishes a working methodology that guarantees that processes are carried out rigorously, applying sustainability criteria and in accordance with common procedures.

## Historical evolution of the certifications and accreditations obtained by FCC Medio Ambiente and FCC Ámbito





FCC Environment UK, for its part, has received numerous awards and distinctions this year in the areas of excellence and sustainability. The company has been recognised by the British Safety Council for the hard work of its operational teams on the ground and the tireless efforts of the Safety, Health, Environment and Quality department in reinforcing and enhancing excellence in performance and behaviour across the business. The company received two Swords

of Honour awarded to the Lincolnshire Energy from Waste (Efw) facility in North Hykeham and its Landfill & Quarries Division, the highest distinction from the Council, in addition to the Globe of Honour awarded to its Eastcroft Efw Plant. Furthermore, the company has been recognised in the International Institute of Risk and Safety Management (IIRSM) Excellence Awards, among others.

### FCC Environment UK's OHS awards achieved in 2024





## Sustainability and excellence highlights in 2024

- FCC Servicios Medio Ambiente has joined the **United Nations (UN) Spain Global Compact** and is committed to aligning its operations with Ten Principles universally accepted in the areas of human rights, labour standards, the environment and the fight against corruption, as well as adopting measures in support of the UN objectives currently embodied in the SDGs.
- FCC Medio Ambiente obtains the first **Zero Waste certification of a Municipal Service** for the Barcelona Sewerage Maintenance contract. In the verification process, carried out by AENOR, it has been verified that 92.43 % of the waste

generated in the provision of the service is recovered.

- FCC Àmbit has been granted the **Zero Waste Management** certification by AENOR for its industrial waste recovery and valorisation plants in Castellbisbal and El Pont de Vilomara i Rocafort (Barcelona, Spain), reaching recovery levels of 97.41 % and 91.53 %, respectively. This certificate thus demonstrates both the viability of converting industrial waste into resources and the company's commitment to sustainability and excellence in waste management.
- FCC Environment CEE has been awarded the **EcoVadis "Committed" Badge**, an achievement that reflects its dedication to responsible and sustainable practices. The EcoVadis assessment

highlighted its policies on labour and human rights and its environmental certifications as the company's strongest areas, demonstrating compliance with international standards such as ISO 14001 and ISO 45001.

- FCC Medio Ambiente receives the **Best Diversity and Inclusion Strategy award** from the Adecco Foundation and the Club for Excellence in Sustainability at the 7<sup>th</sup> edition of the 'Diversity and Inclusion' Awards. The award-winning project summarises the company's more than ten years of experience in equality, diversity and inclusion and reaffirms its commitment to building an organisation that is committed not only to offering quality services that help care for the environment, but also to improving the quality of life of the people in the communities it serves.

- FCC Medio Ambiente has received the **Equality in Business Distinction** (DIE from its acronym in Spanish) from the Spanish Ministry of Equality, through the Women's Institute, awarded for the first time in 2020. This distinction, which has been extended to its subsidiaries, has been renewed annually upon meeting the Ministry's demanding requirements and is a recognition of the policies and programmes that the company has been developing since 2008, aimed at promoting equality in all areas of the organisation.

## Other sustainability highlights

FCC Medio Ambiente has designed a new **Sustainability Action Plan 2023–2026** in order to take account of and report on the progress made. New regulatory developments, the global challenges identified in the UN's 2030 Agenda and the aim of adding value to the business itself have shaped the definition of 17 strategic objectives, 176 measures and 282 monitoring indicators to be able to report to its stakeholders on the degree of progress made in the actions undertaken.

FCC Medio Ambiente received an **accolade** at the 15<sup>th</sup> edition of the **National Energy Awards given by the Association of Spanish Energy Management Agencies (EnerAgen)** in the category of Private Initiative in favour of energy transition for its LIFE Landfill Biofuel project, developed at the Ecocentral in Granada (Spain) and which has demonstrated the technical and economic viability of recovering biogas generated in landfill sites for use as vehicle fuel and for injection into the gas network.

FCC Medio Ambiente is carrying out the **'React!' project in Hellín** (Albacete, Spain) together with the City Council for the offsetting of its carbon emissions and which consists of the planting of a forest located on municipal land formerly occupied by the old 'Rincón de las Españas' inert waste landfill site. The project is expected to capture 283 tonnes of CO<sub>2</sub>, in addition to the positive impact it will have on biodiversity and the recovery of degraded spaces.

FCC Ámbito and Iberdrola, through its PERSEO programme, have signed a strategic **collaboration agreement** with the aim of **promoting the industrial-scale recycling of photovoltaic panels**. Following the successful creation of EnergyLoop, their joint venture for the recycling of wind turbine blades, both companies are strengthening their partnership to develop circularity solutions for waste linked to solar photovoltaic generation.

FCC Environment promotes **solar energy projects** throughout the UK in restored landfill sites with the aim of returning the land to a productive environmental use. Worth mentioning is the construction of a new solar farm in Aveley (Essex) that will export up to 17,000 MWh of renewable electricity, enough to power 4,200 homes; or the one in Offham (Kent), set to generate enough to power around 2,700 homes a year.

FCC Environment has restored the **Penny Hill landfill site** to a mix of **woodland and grassland with rich biodiversity** in terms of vegetation and insects. The site was closed in the late 1990s and became recognised as a significant habitat for over 400 species of butterfly and moth species thanks to its high-quality grassland.

Energy generated from the EnviRecover Energy from Waste facility in Worcestershire (United Kingdom) has reached a **record figure of one million megawatts of energy from waste**, enough to power nearly 40,000 homes a year since opening. The facility processes around 210,000 tonnes of non-recyclable waste each year, waste that would have gone to landfill otherwise.

The **Back2Life** Re-Use Centre in Trnava, the first of its kind in Slovakia, has been in operation for three years and is celebrating having given a **second life to almost 30,000 items and raised more than €85,000** which have been used for its operations and local green projects, such as tree planting. The centre's efficient operations and innovative QR code pricing system make it a shining example of sustainability and the circular economy.

## New 2023-2026 Plan



# 6. Innovation and technology

## Vehicles, mobile machinery and facilities

### Projects associated to vehicles and mobile machinery

Throughout 2024, FCC Servicios Medio Ambiente kept on developing innovation projects and, for yet another year, upheld the certification of its R&D&I Management System, in accordance with the UNE 166002 standard.

R&D&I projects in development or launching phase reached an investment of close to €4 million throughout the year. They are classified into three areas of knowledge:

- Vehicles, mobile machinery and facilities
- Management and recycling of waste – Circular Economy
- Information and Communication Technologies.



#### H2TRUCK Project

During 2024 FCC Medio Ambiente completed the manufacturing and commissioning of the first plug-in, low-cabin electric chassis for urban services powered by hydrogen fuel cell, the H2TRUCK, developed by the company within

the PTAS programme (Sustainable Automotive Technology Programme) within the framework of the funding granted by the Centre for the Development of Industrial Technology (CDTI) and supported by the Spanish Ministry of Science and Innovation within the Recovery, Transformation and Resilience Plan financed by the European Union.

The first prototype has been assembled on a 21 m<sup>3</sup> capacity, three-axle, 29-tonne maximum authorized mass side-loading compaction-collection vehicle with an electric propulsion and bodywork drive system, which will carry out the entire assigned service in pure electric mode, from the moment it leaves the vehicle depot until its return to it.

From June and July the lorry got to work, first testing on a controlled closed circuit and later on a real route in the cities of San Sebastian, Barcelona and Madrid (Spain).

[Access here the H2TRUCK video](#)

The project and its prototype were presented globally by FCC Medio Ambiente and the Irizar Group with great success in November at the Smart City Expo World Congress in Barcelona, the world's leading event on smart cities, where the vehicle was exhibited and culminated its presentation by **winning the Smart City Awards in its 2024 edition**, in the Energy and Urban Environment category.

The company thus differentiates itself in the provision of urban services through excellence in the environmental, technical and economic features of its offer. Although the prototype has been developed on a solid waste collection vehicle, the chassis is very versatile and can be applied to all types of bodywork and configurations and to any urban service functionality in heavy-duty vehicles.





### PLAUSU Project: Autonomous Driving

In collaboration with the Instituto Universitario de Investigación del Automóvil (INSIA), FCC Medio Ambiente has continued to work on the project called **PLAUSU (Autonomous Platform for Urban Services)**, which has been funded by the CDTI and co-funded by the European Regional Development Fund (ERDF).

The project is taking shape on a dual washing down-sweeper vehicle that already incorporates

a fully electric propelling and driving system for autonomous operation in cleaning tasks.

Throughout 2024, the characterisation of the streets where the machine will work has been carried out, identifying the challenges it will face, such as areas of low coverage, mobile inhibitors, street furniture... and the optimal and most appropriate guidance system. The machine will move along a route predefined by a set of waypoints with the help of a GPS receiver and a LIDAR system that will generate a digital map of the surrounding environment.

The 'Follow me' system has also been developed by applying artificial intelligence to image detection to identify and differentiate people, both operators and pedestrians, and thus be able to follow the movements of a specific operator. Finally, a study of the current legislation on autonomous vehicles has been carried out, revealing that this technology is more advanced than the regulations. It is hoped that all the technology developed can be applied and begin to be tested in controlled environments in 2025.





## Other sustainable mobility projects and milestones

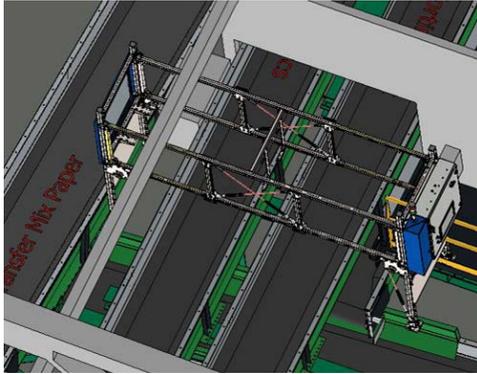
- During 2024, a **new fleet of natural gas-powered vertical-lift lorries** has been launched in Madrid (Spain). These lorries have three axles and a legal payload of over 10 tonnes, and several of them are narrowed to 2.3 metres wide. As special features that make it unique in the market, it is worth noting that the waste unloading system is by plate ejection and not tipping, and the chosen crane notably simplifies the work of the operating personnel.

- As part of FCC Environment CEE's commitment to a cleaner and greener future, the company is continually expanding its fleet with vehicles powered by alternative energies, such as electric lorries, Compressed Natural Gas (CNG) vehicles and trucks running on biodiesel (e.g. HVO, Hydrotreated Vegetable Oil). These advances reflect the group's dedication to reducing its carbon footprint and operating in harmony with the environment, ensuring that its services contribute to a clean and sustainable future.

- FCC Environment UK has introduced two brand new, state-of-the-art, all-electric eCollect rear-loading collection vehicles into the Herefordshire waste collection service. These vehicles, which range in size from 7.5 to 26 tonnes and will be the first 100 % electric vehicles to join the county

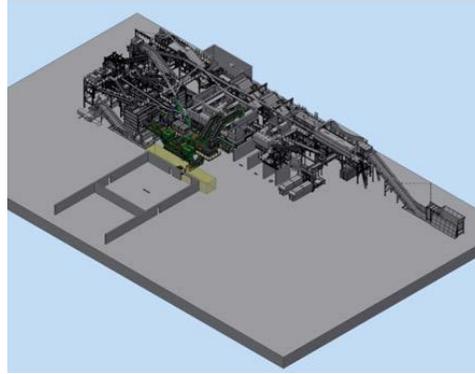
fleet, add to the more than 100 units of this type already in service throughout the UK. With the addition, there are now 28 environmentally friendly rear-loading lorries serving the county's residents and businesses.

## Projects associated to facilities



### Glacier waste material sorting robot (California, USA)

FCC Environmental Services secured a grant from the Carton Council to install a new and innovative robot in the municipal solid waste (MSW) treatment line at its Placer County plant. This robot is unique because it has a very small footprint and can sort material at a very high speed thanks to its best-in-class computer vision to identify everything in the waste stream, from broad categories such as PET plastic, to highly specific items such as cat food cans. It will be one of the first robots of its kind installed in a municipal waste recycling plant in the United States.



### Retrofit of the Houston material recycling facility (Texas, USA)

FCC has been awarded a grant from The Recycling Partnership to retrofit its Houston MRF to be able to sort high quality plastic film. To this purpose, the company and its suppliers have designed a system capable of meeting market specifications and recovering plastic film with 95 % purity from a single material stream. The design includes TOMRA optical sorters to select materials with a high degree of effectiveness and to differentiate quality plastic film from paper or other rigid materials. In addition, several conveyors have been added to facilitate the treatment and packaging of materials and thus increase process efficiency.



## Management and Recycling of Waste. Circular Economy

FCC Servicios Medio Ambiente promotes several research, development and innovation (R+D+i) programmes aimed at promoting sustainability, efficiency and the use of cutting-edge technologies in diverse fields of activity.

Through pioneering initiatives, the company reinforces its commitment to the circular economy, the reduction of emissions and the optimisation of resources, consolidating its leadership position in the technological transformation of the environmental industry.

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



### **MINETHIC: Promoting the recovery and valorisation of strategic mineral resources for the green transition**

Official website of the project: [www.minethic.es](http://www.minethic.es)

Consortium in which FCC Medio Ambiente participates, subsidised by the CDTI in the Missions 2022 call, supported by the Spanish Ministry of Science and Innovation and co-financed by the Recovery and Resilience Mechanism. It aims to research new sources of unconventional mining raw materials, both industrial and urban, to facilitate the ecological transition. During 2024, thermochemical tests were carried out in a plasma reactor at the Tecnalia technology centre using MSW incineration slags with the objective of concentrating the phosphorus, nickel and cobalt present in them. The tests for the biological concentration of phosphorus in the biosolid resulting from the aerobic biological treatment of



*Pilot plant for the bio-concentration of phosphorus.*

MSW organic matter were completed, for which a bioreactor was designed, built and installed at the FCC's Loeches Environmental Compound. Tests in a real environment are planned for 2025.

## Recovery of slag from MSW incineration



### ECO2D4.0 (ZL-2023/00884): Development of comprehensive road surface solutions using priority waste from the Basque Country, and ecosystem for the functional and environmental monitoring of road infrastructures

Participated by FCC Medio Ambiente and co-financed by HAZITEK 2022, a programme to support business R&D in the Basque Country. It seeks to investigate new applications for waste management in the autonomous community. It focuses on cases with few recovery routes, such as ferrosite, incineration slags, foundry sands, milling refuse and black slags. Products from digitised ECO-roads are being developed, exploring the technical and market viability of using different waste streams as secondary aggregates in road surface design. Sustainable layer solutions are being sought using materials that complement each other, ensuring compliance with functional and environmental specifications in all stages of development.

### RSU4HOM: Development of new construction products from the valorisation of incineration slags from municipal solid waste

Led by FCC Medio Ambiente and co-financed by HAZITEK 2022, a programme to support business R&D in the Basque Country. A 30-month project which began in July 2022, the aim of RSU4HOM is to minimise the environmental impact caused by the landfilling of incineration slag from two plants in Zubieta (Gipuzkoa, Spain). The target is to recover this waste and integrate it as an aggregate for the manufacture of construction products (concrete, mortar and precast concrete).

## Leading a circular economy for plastic



### LIFE ZERLANDFILLING (LIFE-2022-SAP-ENV 101114213): Recovering landfill waste through an innovative and integrated process committed to the circular economy

Official website of the project: [www.zerlandfilling.com](http://www.zerlandfilling.com)

Led by FCC Medio Ambiente, funded from the European Union's LIFE programme, managed by the European Climate, Infrastructure and Environment Executive Agency (CINEA). The project addresses the increase in the generation of urban waste through an innovative system for managing and recovering non-recyclable waste and hopes to avoid more than two million tonnes of CO<sub>2</sub>e associated with waste treatment after

avoiding its landfilling and 2.6 tonnes of CO<sub>2</sub>e from the recovery of green naphtha and solid coal. The project is expected to last nearly four years and proposes the development and demonstration of an innovative pyrolysis reactor to treat the residual fraction of MSW, composed mainly of non-recyclable plastics and bio-waste. The design and engineering phase of the demonstrator was completed during 2024 and its installation is to begin in 2025 for the complete validation of the thermochemical solution.



### PROSPER: Promoting innovation for sustainable sorting and recycling of dedicated bio-based plastics

Led by the University of Ghent and funded by the EU's Horizon Europe programme, it began in October 2024 and will last for 48 months. The project proposes a solution for the sorting and recycling of bio-based plastics through the reactivation of bioplastics present in the packaging

market, achieving a completely circular value chain. It seeks to improve recycling rates thanks to citizen engagement, the use of new AI-based sorting systems in treatment plants and the improvement of mechanical and chemical recycling systems. FCC Medio Ambiente is leading the demonstrator in Spain and is participating by evaluating the technical feasibility of separating bioplastics in waste treatment centres and analysing the effectiveness of separation at source.



### 3. Pretratamiento



### 4. Reciclado



### 5. Productos a partir de material reciclado



### LIFE PLASMIX (LIFE18 ENV/ES/000045: Plastic Mix Recovery and PP & PS Recycling from Municipal Solid Waste) (2019-2024)

Official website of the project: [www.lifeplasmix.com](http://www.lifeplasmix.com)

Led by FCC Medio Ambiente, the project ended in 2024 and has demonstrated at the Ecocentral in Granada (Spain) the technical and economic

viability of the recovery of materials from mixed plastics from municipal waste (PP, PS and PSE). During 2024, 8,773 tonnes of mixed plastics were processed, recovering more than 4,509 tonnes, an impressive yield rate of 55 %. It was demonstrated that the recycled material not only complies with quality standards, but is also suitable for practical and sustainable applications, such as the manufacture of fruit boxes and street furniture (planters, swings, slides, traffic cones, etc.).



## Leader in renewable energy production



### ECLOSION: New materials, technologies and processes for the generation, storage, transport and exploitation of renewable hydrogen and biomethane, generated from bio-waste (2021-2024) MIG-20211071

It seeks to create new materials, technologies and processes for the generation, storage and transport of renewable and indigenous hydrogen and biomethane from urban and agri-food waste, wastewater and sewage sludge. FCC Medio Ambiente, together with the Institute of Sustainable

Processes of the University of Valladolid, has researched the dark fermentation process using the organic fraction of MSW as a substrate. In 2024, a scaled-down bioreactor prototype was installed at the Valladolid treatment plant where the first biogas samples were obtained and new, efficient and low-cost polymeric membranes were developed. In 2025, biogas production will be optimised and the separation of gases will commence by means of these membranes, where bio-H<sub>2</sub> and biomethane are expected to be obtained.



### LIFE LANDFILL BIOFUEL (LIFE18 ENV/ES/000256: Integral management of the biogas from landfills for use as vehicle fuel) (2019-2022)

Official website of the project: [www.landfillbiofuel.eu](http://www.landfillbiofuel.eu)

The project, which ended in 2024, was co-financed by the European LIFE programme and aimed to demonstrate the technical and economic viability of a solution based on the implementation of new landfill exploitation techniques to improve biogas production and facilitate the recovery of waste gases through the purification of biogas via a pressure swing adsorption process. The project has successfully validated and demonstrated the solution, producing biomethane from the biogas generated in landfill, which is then used for transport, covering a total of 71,200 kilometres with a light and a heavy-duty vehicles.



## Creation of new by-products and biomaterials



### BIOPROLIGNO (CPP2022-009647): Transformation of lignocellulosic waste into bioproducts for their application in infrastructure and ground maintenance

Funded by the State Research Agency as part of the 2023 Public-private Partnership Programme, the project is expected to be completed in November 2026. It aims to develop processes in the field of lignocellulosic waste pyrolysis, where three state-of-the-art bioproducts are generated: wood vinegar, charcoal and bio-bitumen. The effectiveness of these materials has been demonstrated in experimental tests and the project intends to use them in real experiences in the field of maintenance of linear infrastructures and green areas in order to improve the management of ligneous urban waste. During 2024, the suitability of pruning waste for pyrolysis was studied. The first batches were pyrolysed, obtaining products that will begin to be used in parks and ground maintenance during 2025.

### LUCRA (101112452 – HORIZON-JU -CBE-2022): Sustainable sUCCinic acid production using an integRATED electrochemical bioreactor and renewable feedstock

Official website of the project: [www.lucra-project.eu](http://www.lucra-project.eu)

FCC Medio Ambiente is participating in this project, funded by the HORIZON JU CBE call for proposals, which uses MSW and wood waste as raw materials for the large-scale production of high-performance bio-based chemicals of great interest to industrial end-users from a circular bioeconomy biorefinery approach. It proposes an innovative technology for the electrochemical extraction of succinic acid that will greatly reduce dependence on fossil resources. The process aims to reduce the cost of bio-succinic acid and will demonstrate a 50% reduction in greenhouse gases compared to conventional production. In 2024 the members of the consortium met in Madrid, where the partners were able to observe the quality of the organic matter obtained thanks to the new unpacking machine installed at the Las Dehesas Biomethanisation Plant.





### DEEP PURPLE: Domestic Extraction of Emerging Products with Purple Phototrophic Bacteria

Official website of the project: [www.deep-purple.eu](http://www.deep-purple.eu)

Co-funded by the Bio-Based Industries Joint Undertaking under the European Union's Horizon 2020 Framework Programme for Research and Innovation, DEEP PURPLE proposes a synergistic and integrated treatment for the recovery of three types of biowaste: the organic fraction of MSW, sludge from wastewater treatment plants and urban wastewater. This innovative concept has enabled the generation of five new bioproducts with commercial applications in the cosmetics, plastics, construction and fertiliser sectors through a multiplatform photobiorefinery based on phototrophic purple bacteria. The project was successfully completed in 2024 with the operation of the world's largest photobiorefinery, demonstrating that it is technically and economically possible and viable to obtain high-value products from municipal biowaste.

### UNITED CIRCLES: Networked industrial-urban symbiosis value chain demonstrators for biomaterials, C&DW, circular water loops & WWTPs, driven by Hubs 4 Circularity

This project, funded by the Horizon Europe programme, began in November 2024 and aims to accelerate the transition to a decarbonised and waste-free future by promoting urban industrial symbiosis. It seeks to reduce waste generation through its recovery and reuse in new industrial applications throughout the entire value chain. Seven Circularity Hubs will be launched, consisting of three demonstrators and four replicators. FCC Medio Ambiente is participating from the Waste Treatment Centre in Gomecello (Salamanca, Spain) with the aim of investigating the valorisation of waste streams for the recovery of nutrients and energy vectors.

### BIOMET: Optimisation of biomethane production from biogas using high-performance technologies

Led by FCC Medio Ambiente, funded by the State Research Agency as part of the 2023 Public-Private Partnership programme and with a duration of three years and one month, BIOMET seeks to develop new biotechnologies to transform biogas from controlled landfills and anaerobic digestion plants into biomethane. A mapping of the different compositions of biogas will be carried out and, in collaboration with the Institute of Sustainable Processes of the University of Valladolid, an optimisation of the microbiology of the process will be carried out to obtain extremophilic microbial communities capable of eliminating the main pollutants of biogas (H<sub>2</sub>S, VOC, CO<sub>2</sub>) in a more efficient and sustainable way. These communities will be evaluated in new bioreactor configurations. The company plans to develop an industrial business model for the production and commercialisation of biomethane.

## 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

LIFE ABATE, funded by the LIFE programme, seeks to improve the sustainability of mechanical biological treatment (MBT) plants by demonstrating the benefits of innovative technology for reducing emissions of non-methane volatile organic compounds (NMVOCs) and CO<sub>2</sub>. This process includes a VOC concentration stage using a concentrator, followed by biological or thermal degradation, reducing NMVOC and odour emissions and energy consumption, using the CO<sub>2</sub> emitted to promote crop growth in greenhouse agriculture. The solution will be validated on an industrial scale at Ecoparc 3 (Barcelona, Spain) and replicated at the Las Dehesas Biomethanisation Plant (Madrid, Spain). Engineering and equipment purchases were carried out during 2024, and installation and commissioning work will begin in 2025.

## Industrial waste



### EcoCARbón: Circular economy for aerostructures aimed at decarbonisation

In the aeronautical sector, EcoCARbón aims to increase the application of composite materials in fuselage and tail through the eco-design of aerostructures, incorporating circular economy solutions for material that is wasted during manufacturing and at the end of the aircraft's useful life. The participation of FCC Ámbito aims to research chemical recycling techniques using solvolysis from waste materials with carbon fibre. In this way, it would increase the technologies and services available to sectors demanding these materials with a production of waste parallel to the manufacturing process itself and at the end of the life cycle of the elements.



### PV4INK: Reciclaje de paneles fotovoltaicos

FCC Ámbito has continued to develop the PV4INK project for the development of technologies for the recovery of the silver contained in photovoltaic panels, as well as its conversion into nanoparticles that can be used directly in the conductive ink industry for electronic applications. The project receives funding from the State Research Agency, the Ministry of Science, Innovation and Universities of the Government of Spain, within the framework of the call for Public-Private Collaboration Projects, co-financed by the Recovery, Transformation and Resilience Plan of the Government of Spain. It is carried out with the waste obtained from the end-of-life treatment line for photovoltaic panels that FCC Ámbito has in Cadrete (Zaragoza, Spain).



### COMPLAST: Advanced techniques for the development of new thermoplastic Composites in high added value application sectors

FCC Ámbito has continued to collaborate on the CIEN 'COMPLAST' project which, with a duration of 42 months, seeks to obtain new thermoplastic composites with improved properties for high-value applications in the aeronautical, railway and automotive industries, which are recyclable and/or incorporate recycled materials. Research is being carried out into the synthesis and generation of new textile products and composites and their use in parts for different transport sectors and manufacturing processes will be developed for the materials and parts produced. FCC Ámbito is focusing on finding high-value uses for recycled glass and carbon fibres.

## FCC Environment UK and Carbios launch joint project to establish UK-based PET bio recycling facility

FCC Environment and CARBIOS are jointly studying the implementation of a UK-based plant using PET biorecycling technology licensed by CARBIOS. This biorecycling technology is key to supporting FCC Environment's continuing goal of contributing to the circular economy by exploring new processes and technologies to produce recycled PET (r-PET) from PET plastic and textiles.

FCC Environment is keen to understand this technology better by seeking an evidence-based view on the advantages of using enzymes for the treatment of PET, such as lower energy consumption and better circularity of polymers back into the PET production lines. The innovative depolymerization process also facilitates the recycling of this waste, including problematic fractions such as polyester textiles, in order to convert them into high-quality recycled PET.

# Information and communication technologies



## VISION

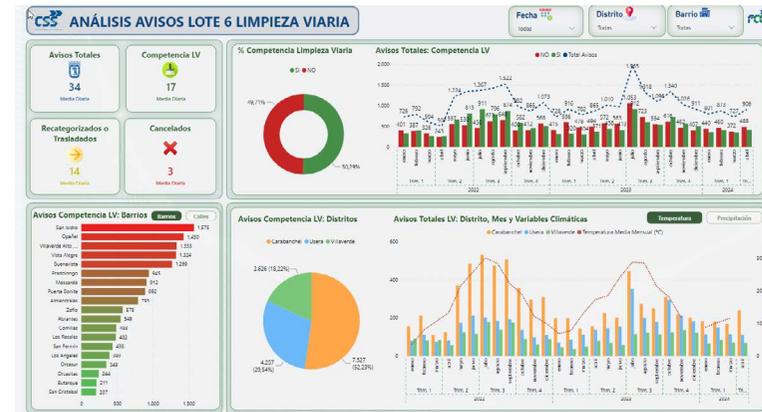
FCC Medio Ambiente, through its ICT department, has developed VISION, an intelligent technological platform for the integrated management of urban services, which is constantly evolving. In the field of urban services management, there is a growing demand for information integrated into municipal systems that ensures the provision of services with the quality required by administrations and citizens. The VISION platform not only supports all aspects of the daily work of the services, but also enables information to be shared with other platforms.

In the year 2024, the following innovations and improvements are particularly noteworthy:

- Process of updating to Android version 14. Phone apps have been adapted and modernised, both management and citizen apps, including the management of permits, as well as the correct functioning of the application in previous versions.
- Over 300 check-in devices have been implemented, recording information directly in VISION.

- Technology installed in the containers has been integrated with the installation of over 2,000 electronic locks on different waste containers, through which information on openings is recorded.
- Inventory regularisation process, which allows a physical warehouse inventory to be reported on a given date and generates positive and negative regularisation movements to adjust the warehouse stock to the inventory conducted.

- New VISION and APP section that allows the recording of vehicle washing and the attachment of related documents or images.
- The CGS, Service Management Centre, has continued to be developed, which, through business smart tools connected to VISION, allows data to be visualised in reports and scorecards.



VISION scorecards and reports.



### FCC Environment CEE continues to drive innovation in the online space

FCC Česká Republika presented the 'Můj Odpad' ('My Waste') mobile app designed to simplify the management of the waste collection calendar for residents, while promoting environmental sustainability by reducing the need for printed calendars.

In Poland, FCC Environment launched two new online apps: an online shop for renting containers,



'Serwis Odpadowy', which joins the successful e-shop models already established in Austria and Slovakia for over five years. Additionally, the company launched the 'Ekoharmonogram' application that allows residents to access waste collection schedules, find disposal points for specific materials, receive notifications about service changes and easily report feedback. These advancements highlight the company's commitment to leveraging technology to improve waste management and the customer experience across multiple countries.



### Navusoft Tablets are implemented in lorries for the first time in Dallas and Houston

The use of Navusoft in waste management operations, integrating cloud-based technology into mobile devices, has enabled remote access to business applications via phones or tablets. This innovation allows for real-time dispatching, driver tracking and service verification. Performance monitoring is trackable, enhancing operational efficiency and responsiveness to routes. With tools such as this one, service delivery has been

enhanced to surpass industry standard practices where FCC Environmental Services is setting its own new standard.



[www.fccenviro.com](http://www.fccenviro.com)