

Communication, Marketing Construction Area Group FCC

**Corporate presentation** 



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





More than
120 years
of experience



Over 67,000 employees



Working in

Over 30 countries,

47% of revenue comes

from international markets



High degree of revenue stability



Leader
in Environment, Water,
Infrastructure and Real Estate
Development



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



Comprehensive range of services

## **1.2. Key Figures 2023**









Backlog\* (Dec. 31, 2023)

€ 41,621 M

\* Environment, Water, Construction and Real Estate

Figures in million euros

### 1.3. Diversified business model

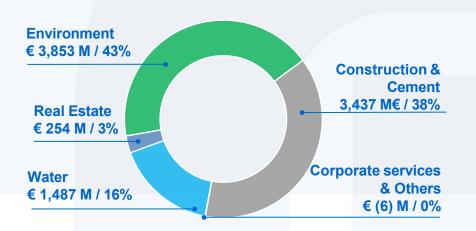


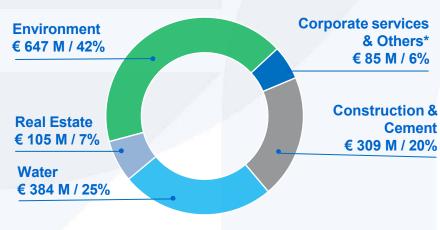


EBITDA per business area / 2023

Total: € 9,026 M

Total: € 1,530 M





\* Includes transport concessions

## 1.3. Diversified business model













Refuse collection

Street cleansing

Solid waste treatment and recycling

Ground maintenance

Sewer networks maintenance

**Building Cleaning &** 

maintenance

Industrial waste treatment

and recycling

Remediation of polluted soils

 Municipal concessions for the management of the end-to-end water cycle

Infrastructure concessions in

**BOT** model contracts

O&M Services

**EPC** Models

Building Industrial

Civil Works

Railway Works

Concessions

Infrastructure maintenance

Construction precast

Corporate image

Cement

Trading

Other businesses

(Concrete, Aggregate, Mortar)

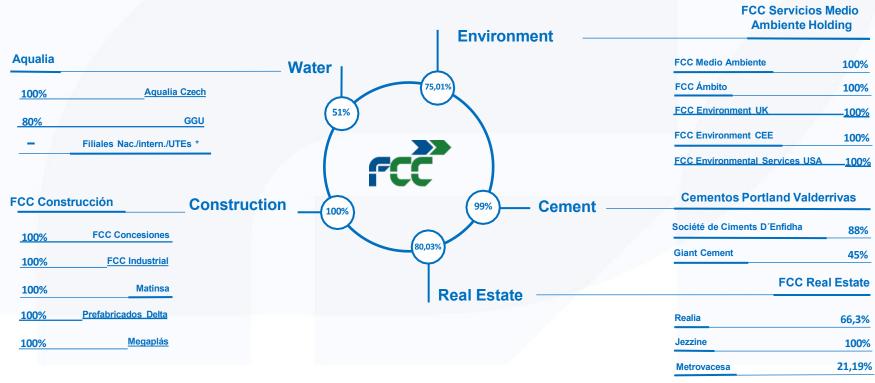
Housing development

Real Estate rentals

Land management

## 1.3. Diversified business model





<sup>\*</sup> Different percentage of shares

# 1.4. Leadership position in all areas







#### **Environment:**

- #1 in Spain (1)
- #5 in the EU
- #1 in end-to-end waste management in Central and Eastern Europe (1)
- Among top 15 in USA(1)
- Among top 7 in the World

#### Water:

- #1 in Spain (2)
- #4 in Europe (2)
- #9 in the World (2)

#### **Construction:**

- #3 in Spain (1)
- Among top 15 in Europe (2)
- #34 in the world (3)

#### Cement:

- #1 producer in Spain (1)
- · Large presence in Tunisia

#### Real Estate:

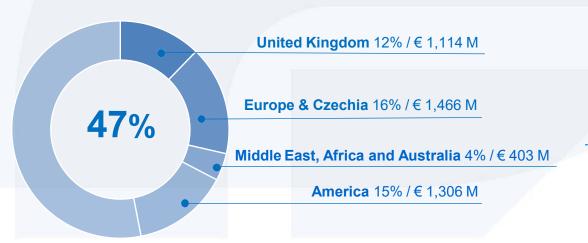
- More than 30 years of experience
  - (1) By revenue volume
  - (2) Source: December 2022 GWI ranking
  - (3) ENR Top 250 Contractors

## 1.5.International Presence



**International Revenue 2023** 

Total : € 4,289 M





International Backlog\*
(Dec. 31, 2023) € 23,848 M

\*57,3% of Total

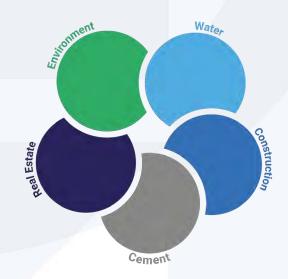
## 1.6. Integrated Offer



#### Advanced technology

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

# Comprehensive range of services throughout the whole value chain



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

## 1.7. Value creation



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

Environment	<ul> <li>Positive long-term outlook due to regulatory developments and environmental considerations.</li> <li>EU Waste Framework Directive requires member states to recycle at least 55% of their municipal solid waste by 2025 and 65% by 2035 plus landfilling down 10% also in 2035.</li> <li>New opportunities offered by expected reforms in Spain on recycling and composting (2023).</li> </ul>		
Water	<ul> <li>Potential expansión in existing platforms: USA, UK and some Central European countries.</li> <li>Positive long-term outlook due to regulatory developments and environmental considerations and water infrastructure gap.</li> <li>Take advantage of the extensive experience in the end-to-end water cycle management, to apply in business opportunities in countries with low PPP activity.</li> <li>Growth potential in Europe and selectively in America and MENA.</li> </ul>		
Construction & Cement	<ul> <li>Continued infrastructure gap in selected jurisdictions. Stringent management of cash flow generation and third-party risk.</li> <li>Potential growth in Spain linked to clean energy, efficiency and related facilities.</li> </ul>		
Real Estate	Combined recurring rental income with property asset and residential housing development.		

## 1.7. Value creation



Experience More than 120 years creating value for citizens





Internationalization
Operating in over 30 countries

## Innovation and technological capacity

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







Professionalism
Over 67,000 professionals
specialising in different areas

#### **Protecting the Environment**

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





## Quality Quality m

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



**Over 5,5 million euros** allocated to Projects for local development in 2021





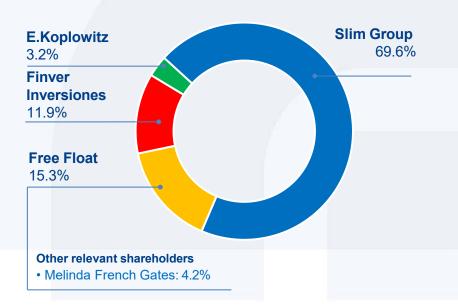
#### **Health and Safety**

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

# FCC

## 1.8. Corporate Governance Structure





### **Composition of the Board**

#### 11 members:

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

#### **Audit and Remuneration Board Commissions:**

- Chaired by independent members
- Majority of independent members

# FCC

# 1.9. Management Team

**Chairwoman FCC** 

Esther A. Koplowitz

CEO

Pablo Colio Abril

**Business Areas** 

Environment	Water	Construction	Cement	Real Estate
Íñigo Sanz Pérez	Santiago Lafuente Pérez-Lucas	Pablo Colio Abril	Pablo Colio Abril	Ana Hernández Gómez
				Javier Fainé de Garriga

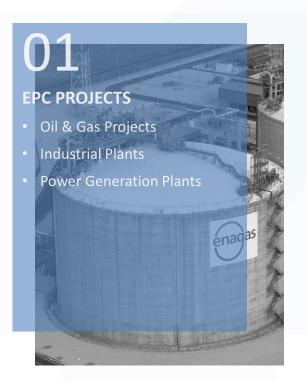
# **FCC Industrial**



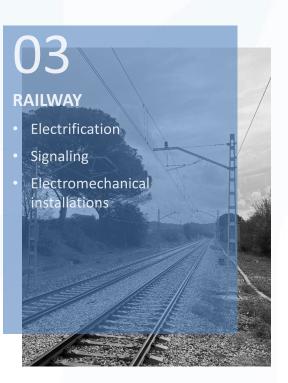
 Activities International presence Key features Projects Main figures Websites







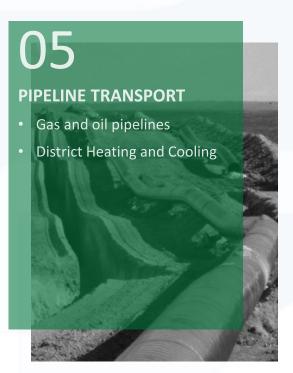






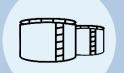
#### **POWER GRIDS**

- Maintenance and execution of installations in LV/ MV networks
- Substations
- High Voltage Lines
- Panel Workshop









1.680.000 m<sup>3</sup> LNG storage



 $49.800 \text{ m}^3$  tank farms



1.428 MW Photovoltaic



+ 3,000 km of pipelines



150.000 maintained light point



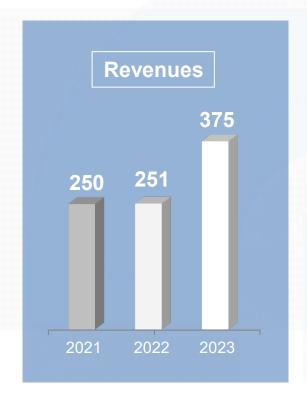
61.500 km of maintained power grid

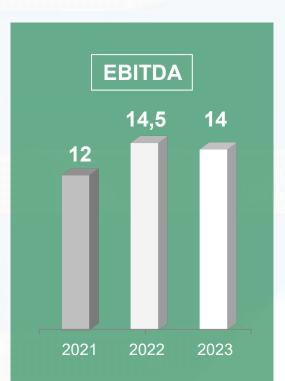


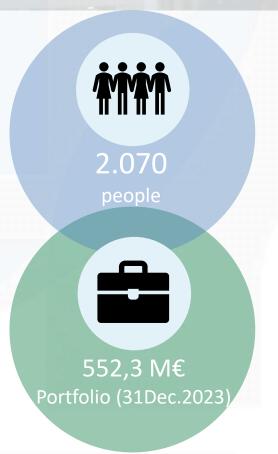
4.200 MVA
Installed in substations

# Main figures









# **04** International presence











Saudi Arabia





+300 M€ Portfolio (31Dic.2023)

## Oil & Gas Projects

#### **LNG storage and Regasification Plants**

- Design and execution of LNG storage and regasification plants both nationally and internationally.
- 1.050.000 m³ of storage executed nationally (28% of Spain's capacity)
  - 4 tanks in port of Barcelona + regas facilities.
  - One tank in Cartagena (Murcia)
  - 2 tanks in El Musel, in Gijón (Asturias) + regas facilities.
- 510,000 m³ of storage executed internationally
  - 30.000 m3 LNG tank in Poiri (Finland)
  - Expansion of regas facilities Quintero LNG (Chile).
  - Currently executing in consortium, the LNG regasification terminal in Stade (Germany) 2 tanks of 240,000 m3 capacity each.









## Oil & Gas Projects

#### **Fuel Storage Plants**

- Design and execution of 49,800 m3 storage:
  - 3 tanks of 5,000 m3 each at the new terminal of Dublin International Airport (Ireland).
  - 4 tanks of 8,700 m3 each at the new Jorge Chávez International Airport in Lima (Peru).



## **Industrial Plants**

- · Turnkey execution of industrial plants.
- Zinc processing plant in Ghazaouet (Algeria).







## **01** EPC projects



03

### **Power Generation Plants**

#### **Solar Thermal Plants**

- 100 MW installed.
- Engineering, procurement, construction, commissioning, operation and maintenance:
  - Villena Solar Thermal 50 MW
  - Guzmán Solar Thermal 50 MW

#### **Photovoltaic Power Plants**

• 1.428 MW installed:

Barcience PVPP 50 MW

Puertollano PVPP 100 MW

Pizarro PVPP 190 MW

• Tagus II III IV PVPP 150 MW

Cedillo PVPP 220 MW

Velilla 1 PVPP 75 MW

• Guillena PVPP 263 MW

• Tagus XL PVPP 380 MW









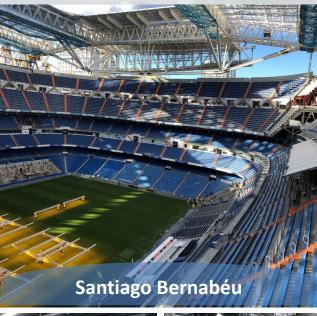
# Infrastructure and singular buildings

- Main contractor of installations, executing from design to commissioning and subsequent operation and maintenance.
- Developed works:
  - Electricity.
  - · Air conditioning.
  - · Fire Protection.
  - Ventilation.
  - Energy efficiency.
  - Automation and control.
  - · Management systems.
  - Security.
  - · Public address system and sound.
  - · Telecommunications.
  - Plumbing and sanitation.













### **02** MEPs installations



01

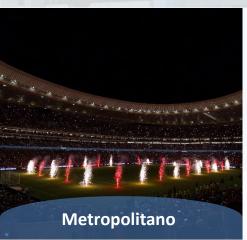
# Infrastructure and singular buildings

#### **Sports facilities**

- Atlético de Madrid Metropolitan Civic Stadium.
- Real Madrid New Santiago Bernabéu Stadium.
- Real Madrid Sports City.
- · Valdelasfuentes Sports City of Alcobendas.

#### **Hospital Installations**

- University Hospital of Salamanca.
- Santa Barbara Hospital in Soria.
- · San Juan de Dios Hospital in Seville.
- · Virgen del Rocio Hospital in Seville.
- Virgen de las Nieves University Hospital of Granada.
- University Hospital of Valencia.











# Infrastructure and singular buildings

## Penitentiary institutions, police and Civil Guard

- Burgos Penitentiary Center.
- · Cordoba Penitentiary Center.
- · Canillas National Police Complex.
- General Directorate of the Civil Guard (Madrid).

#### **Data Centers (DCs)**

- DC in Torija.
- DC in Murcia.

#### **Tertiary and Offices**

- AIRBUS Complex Campus in Getafe (Madrid)..
- Titania Tower, El Corte Inglés (Madrid).
- H10 Hotel Chain.
- Fedola Group Hotel Chain.





### **Maintenance**

FCC Industrial offers personalized comprehensive maintenance services for each type of installation, including, among others, the following:

- · Preventive Maintenance.
- · Technical Legal Maintenance.
- · Predictive Maintenance.
- Corrective Maintenance.
- · Operation of facilities.
- Functional and energy operation of facilities

#### **Landmark Buildings**

- · Royal Theater of Madrid
- · Metropolitan Stadium of Atlético de Madrid
- Prisa Group Buildings
- Office Buildings and Shopping and Leisure Centers of Realia
- Torija DC
- Famar Laboratories











# **Energy Efficiency and Public Lighting**

FCC Industrial aims to be a pioneer in energy efficiency solutions in public lighting.

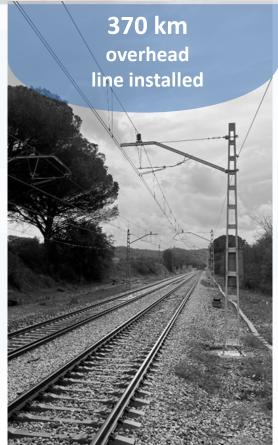
- Implementation of advanced LED lighting technologies and intelligent control systems.
- Currently, FCC Industrial maintains around 150,000 light points throughout Spain.
- More than 30,000 new light points have been installed.
- Main clients:
  - Madrid City Council.
  - · Granada City Council.
  - Arganda del Rey City Council.
  - Úbeda City Council.





### **Electrification**

- More than 25 years of experience in railway electrification activities in Iberian, UIC and metric gauges.
- 370 km of overhead line execution
- Main works:
  - Eastern Variant of Valladolid.
  - Girona Figueres.
  - Cabezón de Pisuerga (Valladolid).
  - Castellón Vinaroz.
  - Vigo Coruña.
  - Sant Andreu Comtal (Barcelona).
  - Blanes (Girona) and La Sagrera (Barcelona).
- Own machinery park composed of catenary laying train, wagon/mast, rail trucks, platforms, dresines and road-rail trucks.









## **03** Railway



02

## **Signaling**

- Design and execution of power systems, communications, civil works and buildings.
- 680 km of railway lines.
- Vandellós Tarragona, Monforte del Cid Murcia, R2 and R4 of Rodalies (Barcelona), Zafra (Badajoz) Rosales (Seville), Villanueva (Ciudad Real) Brazatortas (Cáceres), Bobadilla (Granada) Ronda (Malaga), Bilbao Zaramillo (Vizcaya), Modal Center of La Llagosta (Barcelona) and access to El Prat airport (Barcelona).

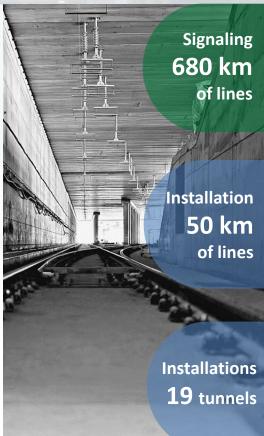
03

### **Electromechanical installations**

- 19 tunnels.
- More than 50 km.
- Railway lines of Barcelona-Figueres-French Border, Vigo-Das Maceiras, Vandellós-Tarragona and the eastern variant of Valladolid.









- Maintenance and execution of LV/MV transmission lines
  - More than 50 years of experience.
  - Currently, FCC Industrial provides service both nationally and internationally in:
    - 37.000 km of LV lines.
    - 21.600 km of MV lines.
    - 2.900 km of HV lines.
    - 21.600 transformation centers (TC).
- **Substations** 
  - **36 substations** (25 complete and 11 expansions or renovations).
  - Voltages from 20kV to 400kV.
  - Installed power of 4.200 MVA:
    - Oriol (400kV).
    - Pizarro (400kV).
    - Guillena (400kV).
    - Barbosa/Bosque (115kV) in Colombia.
    - Veracruz (115kV) in Mexico.









## **High Voltage Lines**

- 350km built of 132kV to 400 kV lines.
- Major projects:
  - Bacatá-Nueva Esperanza 500kV and 45km in Cundinamarca (Colombia).
  - 115kV line and 8 km in Tamaulipas (Mexico).
  - 66kV line and 18 km in Magraners-Altorricón (Spain).
  - Double circuit 132kV line and 21 km connection to the Alhorines substation (Spain).

04

## **Board manufacturing panel**

- Only in **2023** FCC Industrial manufactured:
  - 1.000 power and distribution panels.
  - 76 Motor Control Centers.
  - 529 LV panels.
  - **3.200** combiner box and switching box panels.







## **05** Pipeline transport



01

## **Gas and Oil Pipelines**

- More than 3,000 km of gas and oil pipelines with a diameter of up to 40".
- The following projects stand out:
  - Denia-Ibiza-San Juan de Dios Submarine Pipelines, 269 km.
  - Yela-Villar de Arnedo of 110 km in 30".
  - Tivissa-Paterna Gas Pipeline of 54 km and 40".
  - Samalayuca-Sasabe Gas Pipeline of 640 km in 36" in Mexico.

02

## **Disctrict Heating & Cooling**

- Pioneer in Spain in the execution of District Heating & Cooling networks for over two decades.
- Highlights:
  - Molins de Rei.
  - Barcelona Forum.
  - Technological Park of the Olive and Oil in Mengibar (Jaén).









### **Connected Infrastructures**

 Platforms capable of collecting asset data in real time, analyzing it, and acting proactively to optimize infrastructure operation.

02

## **Intelligent Control Systems**

 Monitoring and control systems for physical assets and traffic management, tunnels, industrial production, and urban environments.

03

## **Training and Simulation**

- Immersive collaborative training environments based on virtual and mixed reality.
- Training and formation of helicopter pilots, combat aircraft, and paratroopers.





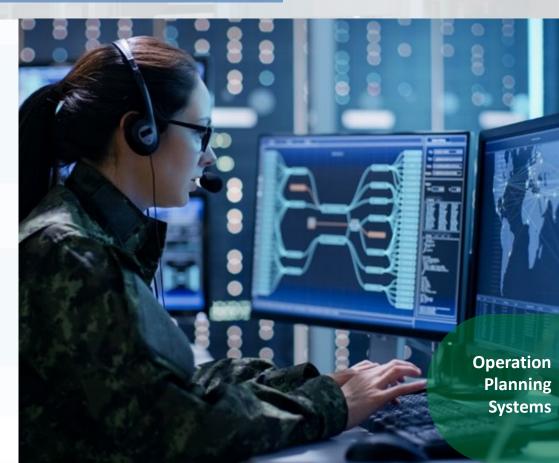






## **Security and Defence**

- Collaborative operation planning systems at strategic, operational, and tactical levels, data monitoring and fusion for mission reconstruction, analysis and collection of intelligence information, definition and configuration of operational scenarios.
- Support for planning air missions of Spanish Air Force aircraft.
- Operation planning in NATO joint force headquarters.





# **Telecommunications Installations and Systems**

#### Infrastructures

 Data centers, control centers, over 1,150 km of highways and freeways, over 90 urban and interurban tunnels, and over 250 km of service tunnels and galleries.

#### **Communications and IT Systems**

 Network architecture. Grouped communications, data/video/voice over IP.
 Network security. Network monitoring and management services.

#### **SMARCITY**

 Comprehensive control and management of public lighting and energy efficiency, etc., in municipalities such as Madrid, Totana (Murcia), Lepe (Huelva), Los Palacios (Seville), Tías (Lanzarote), etc.

#### Infrastructure Control and Automation

Technical installations in buildings (BMS systems, Building Management System) for hospitals, shopping malls, hotels, universities, etc. Infrastructure and technical installations in the transportation sector (airports, railways, ports, metros, tunnels, etc.), electrical, wind, photovoltaic, solar thermal, etc. Infrastructures in the environmental sector (control of recycling plants, irrigation, wastewater treatment plants, etc.)









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