

# Company presentation

2025



## Contact us:

Josep Carles Terés Casals, Head of R&D&I and International: [jcteres@fgc.cat](mailto:jcteres@fgc.cat)  
Carles Miralpeix i Llorach, R&D&I and International technician: [cmiralpeix@fgc.cat](mailto:cmiralpeix@fgc.cat)





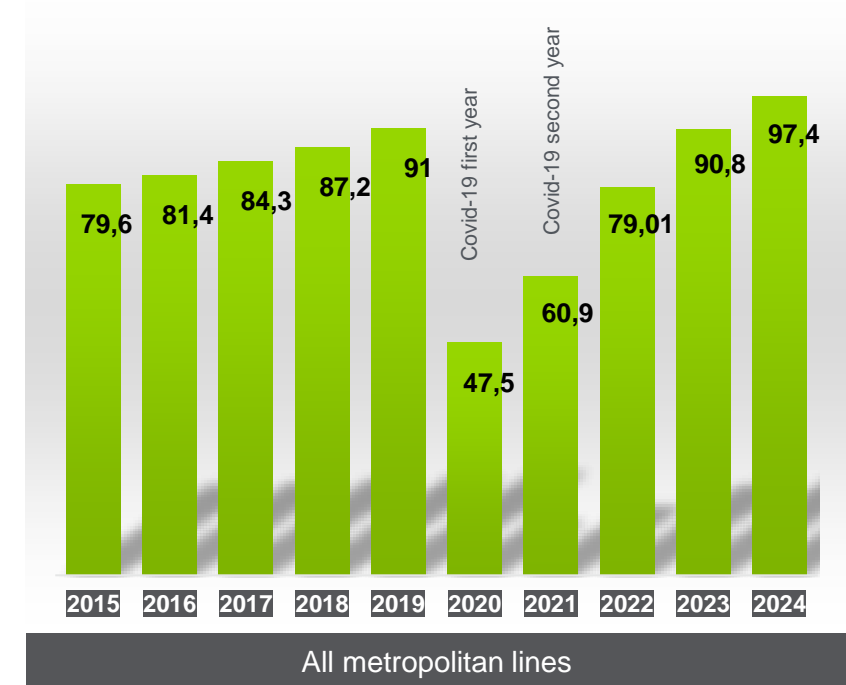
# Ferrocarrils de la Generalitat de Catalunya was founded in 1979

As a public company associated to the **Ministry of Territory, Housing and Ecological Transition** of the Generalitat de Catalunya (Catalan Government), its functions are as follows:

- Operate railway services and manage the infrastructures.
- Integrated management from the centralized Control Center.
- Manage tourist trains and mountain resorts.

Some numbers:

- In 2024 the Metropolitan Lines reached **97,4 million trips**, far exceeding pre-pandemic demand levels. 32 trains/dir. at peak hour.
- In Lleida line, with only **10 circ/dir**, we have reach 450.000 passengers in 2024, the double of 2019.
- Punctuality of 99,4%, ICQ of 99%.
- 100% of stations **are adapted to the mobility disabled**, and fully automated since 1997.



## Our services

# FGC Territorial presence in Catalonia

## Current services

- 16 Railway lines
- 2 Rack railways
- 6 Mountain ski resorts
- 4 Funicular railways
- 57 Lifts
  - 1 Cable car
  - 1 Cable railway
- 16 Chairlifts
- 7 Tourist trains
- 3 Freight lines
- 1 Astronomic park
- 2 Exhibition spaces, with old locomotives

## Future services

- 2 Regional lines (*Lleida-Cervera; Cervera-Terrassa*)
- 1 Fast connection with Barcelona airport
- 1 Tramway (*Camp de Tarragona tramway*)
- 1 New network interconnection (*connecting the Vallès and Llobregat lines, inside Barcelona*)

**FGC expands its presence throughout the country** to bring its model of sustainable, effective and quality mobility.



FGC innovative and international

# Digital, innovative and international company

FGC is committed to **technology** and **innovation** to improve efficiency and sustainability.

- Geotren System
- 5G Technology: 5G rail lab, 5km and 4 stops.
- Open data.
- Presence in international institutions:
  - Member of UIC, UITP, ISBeRG, among others.
- International consultancy and supervision:
  - Maintenance and Operation of L1 on the Metro in Lima (Peru).
  - New operational design of the railway network of the EFE Group in Chile.
  - Terms of reference for Railway Infrastructure Maintenance Contracts of the Ministry of Transport of Serbia.
- The company have participated in more than **30 R+D+I** projects in the last **15 years**.

FGC innovative and international

## R+D+I projects

### What we have done:

- More than **30 R+D+I** projects in the last **15 years**.
- Currently involved in 8 HE projects.
- Working as Real Lab and End Users.
- Fields of action:
  - Maintenance optimization (Rails, Infrastructure, Rolling Stock).
  - Digital, IoT, 5G, Telecommunications, Cybersecurity.
  - Passenger and Freight operation.
  - Environmental and Governance.
  - Multimodality.
  - Snow lab project.

### What we can contribute:

- Real Lab for testing new technologies.
- Urban, suburban and rural trains & lines.
- Rack and Cable trains.
- All railway areas:
  - Maintenance.
  - Operation.
  - Digital management.
  - Energy.
  - Telecommunications.
- Other areas: Mountain tourism & winter sports.

# GRÀCIES THANK YOU

## Contact us:

Josep Carles Terés Casals, Head of R&D&I and International: [icteres@fgc.cat](mailto:icteres@fgc.cat)  
Carles Miralpeix i Llorach, R&D&I and International technician: [cmiralpeix@fgc.cat](mailto:cmiralpeix@fgc.cat)

