

## Environmental and Social Data Sheet

### Overview

Project Name:	ICF BARCELONA ROLLING STOCK
Project Number:	2021-0540
Country:	Spain
Project Description:	Financing the acquisition of 8 electric trainsets to be operated in the underground network of the city of Barcelona by the municipal operator Ferrocarrils Metropolitans de Barcelona.
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

### Environmental and Social Assessment

#### Environmental Assessment

The project consists of the acquisition of eight electric trainsets to be operated in the underground network of the city of Barcelona (Spain). This acquisition is part of the rolling stock renewal proposal included in the Infrastructure Master Plan 2021-2030 of Barcelona's Metropolitan Area. Six out of the eight new units contribute to replace obsolete trainsets. The two additional units will allow for improving the level of service. The new units will be maintained in an existing depot.

The acquisition of new rolling stock (metros) does not fall within the scope of the EIA Directive 2014/52/EU (amending Directive 2011/92/EC). Therefore, no EIA will be required. The Bank will request, after project completion, information from the Promoter on the removal of the asbestos present in some parts of the life expired metro cars to be replaced and the disposal of these replaced trainsets.

Overall, the project is expected to have a positive environmental impact. The new vehicles will include the following environmental features: Verified Product Environmental Certification; high levels of recyclability and recoverability (92% and 95%); compliance with REACH Directive 1907/2006 and limitation in the use of "declarable" substances (Annex XIV, XVII and Candidates); instructions on the management of residues; and limitation in the vibrations and noise. In addition, the project will also contribute to improve the quality of public transport services in Barcelona, helping thus reduce reliance on private cars and maintain or increase the modal share of public transport.

<sup>1</sup> Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO2e/year absolute (gross) or 20,000 tonnes CO2e/year relative (net) – both increases and savings.

Given the nature of the project, no impacts on Natura 2000 or other protected sites are expected.

The project is aligned with the Paris agreement according to Annex 2 the EIB's Climate Bank Roadmap. The Project provides a substantial contribution to Climate Mitigation according to Annex 4 of the EIB's Climate Bank Roadmap and a substantial contribution to Environmental Sustainability.

## Social Assessment

According to data from [Catalonia's Gender Violence survey \(2016\)](#) – 20.1% of sexual assaults or harassment happening within Barcelona's city take place on public transport. As part of its [sexual harassment prevention plan](#) elaborated in 2021, Transports Metropolitans de Barcelona (TMB) – Barcelona Metropolitan Area's operator in charge of providing underground urban public transport services through Ferrocarrils Metropolitans de Barcelona S.A. – is improving public transport's surveillance system. Specifically, FMB is implementing real-time video surveillance on all trains of line 5 and the most modern ones of lines 1 and 3 – including those financed by the present operation. Improved surveillance on metro trainsets together with additional measures foreseen in TMB's sexual harassment prevention plan, such as improved lighting in public spaces and developing awareness campaigns are expected to reduce instances of sexual harassment while encouraging the use of metro and public transport for women and vulnerable persons. The Promoter has also implemented gender equality and diversity measures inside the organization. Therefore, the project is expected to have Significant Impact on Gender Equality Tag.

## Conclusions and Recommendations

The project is expected to have a positive environmental impact (less vibrations, noise and better procedures in terms of management of residues). The project will also have the capacity to improve the quality of public transport services in Barcelona, reducing reliance on private cars and thus minimizing pollution and CO2 emissions.

## Undertakings

- The Promoter undertakes to remove the asbestos from six old trainsets (series 2000) that will be replaced by the new trainsets prior to disposal;
- The Promoter undertakes to dispose of or decommission the six old trainsets (series 2000) to be replaced in line with applicable EU legislation and industry best practice and to provide the decommissioning certificates or equivalent;
- The Promoter undertakes to monitor the evolution of key indicators (to be agreed with the Bank) capturing the impact of the measures undertaken to reduce sexual harassment in the metro network, including among others, the implementation of on-board video surveillance systems on a best efforts basis.

Subject to these conditions being met, the project is acceptable for EIB financing in E&S terms.