

Environmental and Social Data Sheet

Overview

Project Name:	<i>FMB Metro Rolling Stock</i>
Project Number:	<i>2018-0845</i>
Country:	<i>Spain</i>
Project Description:	<i>The project consists of the purchase of 42 electric trainsets to be operated in the underground networks of the city of Barcelona.</i>
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

(details for projects included are provided in section: "EIB Carbon Footprint Exercise")

Environmental and Social Assessment

Environmental Assessment

The project consists of the purchase of 42 electric trainsets to be operated in the underground networks of the city of Barcelona (Spain).

The manufacturing of rolling stock (metros) does not fall within the scope of the EIA Directive 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, compared to the ones to be replaced, will include the following environmental improvements: Verified Product Environmental Certification; high levels of recyclability and recoverability; compliance with REACH Directive and limitation in the use of "declarable" substances (Annex XIV, XVII and Candidates); instructions on the management of residues; a reduction in the vibrations and noise; and a reduction in energy consumption. In addition, the renewal and improvement of public transport will also contribute to low-carbon transport and will allow an increase in energy efficiency. The investments will have as well the capacity to improve the quality of public transport services in Barcelona, helping thus reduce reliance on private cars and maintain or increase public transport share.

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

¹ Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB draft 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.

Luxembourg, 10 September 2019

Conclusions and Recommendations

The project is expected to have a positive environmental impact (less vibrations, noise and energy consumption, and better procedures in terms of management of residues),, contribute to low-carbon transport and allow an increase in energy efficiency. The investments will have as well the capacity to improve the quality of public transport services in Barcelona, helping thus reduce reliance on private cars and maintain or increase public transport share.

Undertakings

- The Promoter undertakes to remove the asbestos from the 42 old metros that will be replaced by the new ones.
- The Promoter undertakes to dispose of or decommission the metros to be replaced in line with applicable EU legislation and best practice.

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