

Environmental and Social Data Sheet

Overview

Project Name:	EAV CIRCUMVESUVIANA RAILWAY NEW ROLLING STOCK
Project Number:	20190492
Country:	Italy
Project Description:	Purchase of rolling stock (40 electric multiple units)
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

The project consists of the purchase of 40 new trainsets to be employed on the Circumvesuviana railways located in the Campania Region (Italy). The new trains will replace life-expired rolling stock.

Environmental Assessment

Manufacturing of rolling stock does not fall under either Annex I or Annex II of the Environmental Impact Assessment (EIA) Directive (2011/92/EU as amended by Directive 2014/52 /EU). Therefore, no EIA is required for this project.

The new trainsets will replace old rolling stock, which is mostly at the end of its economic life and does not correspond to current passenger expectations in terms of performance and comfort. The project is expected to increase the attractiveness of rail services comparing with the current situation. In addition, in the absence of such investment, the existing rail service quality would further deteriorate and encourage the use of private cars.

The new rolling stock will be equipped with state-of-the-art technology in terms of energy efficiency.

The replaced rolling stock will be partly scrapped, in compliance with the existing national and European legislation, by companies specifically authorised for this activity. Some old trainsets will be kept in the fleet as spare vehicles to ensure continuity of service in case of faults during operations.

¹ 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.

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Light maintenance and stabling of the new rolling stock will be performed in existing facilities, so there is no need for environmental assessment for any new construction.

A section of the railway line alignment is located a few hundred metres away from Habitats Directive Sites (Vesuvio – Site Code: IT8030036) and Birds Directive Sites (Vesuvio e Monte Somma – Site Code: IT8030037). No significant effects are foreseen as a consequence of the project. The use of new rail rolling stock, equipped with new technologies for reduction of noise, will reduce the noise levels in the area in comparison with the operations performed with the current fleet.

Social assessment

There are no depots or workshops to be built in association with this project. Therefore, the implementation of the project does not include any land acquisition and no negative impacts on households or local businesses are foreseen.

The new trainsets will have improved accessibility for Persons with Reduced Mobility (PRMs) and dedicated spaces for wheelchairs.

Conclusions and Recommendations

The project is expected to increase the modal share of rail, in particular by comparison with the “without project” scenario, in which the quality of rail services would deteriorate. The project is expected to have positive environmental impact in terms of energy savings, air pollution, noise and CO₂ emissions.

The project is acceptable for EIB financing from an environmental and social perspective.