

Environmental and Social Data Sheet

Overview

Project Name:	LOTRAIN
Project Number:	2015-0225
Country:	United Kingdom
Project Description:	The project consists of the purchase of up to 60 new train-sets and minor station construction works to provide improved passenger services of London Overground in North-East London
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The project does not fall under Annex I or Annex II of Directive 2011/92/EU (the Environmental Impact Assessment Directive), which is not applicable to neither manufacturing of rail rolling stock nor the associated minor construction works. Therefore, no Environmental Impact Assessment is required for the project.

The project is expected to promote an increase in the use of public transport, and as such prevent an increase in road transport, which is expected to happen if the project is not implemented. In addition, the new rolling stock is expected to be more energy efficient and have lower level of noise emissions, compared to existing older electrical and diesel trainsets. By comparison with the “without project” scenario, as well as, with the current situation, the project is expected to have positive environmental impact in terms of energy savings, air pollution, noise and CO₂ emissions.

The new rolling stock will be in conformity with the requirements for accessibility for persons with reduced mobility.

The Promotor requires from the manufacturer of the new vehicles to undertake service and maintenance of the new trainsets during the entire design life. This will be done at existing railway facilities in compliance with Environmental Law. The Promotor is responsible for all required Environmental Approvals for the Project to be obtained and maintained; and any such Environmental Approvals are complied with.

Considering the above, the project is acceptable from an environmental perspective.

Environmental and Social Assessment

The project consists of the purchase of up to 60 electrical trainsets for replacement of the existing life-expired trainsets for regional and local railway services of London Overground railway services in North-East London. The project also includes minor associated construction works at stations.

The old rolling stock to be replaced does not correspond to current passengers expectations of performance and comfort and is a deterrent for those who would potentially switch from

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.

private car to rail. The main benefit of the operation consists in improving the attractiveness of the railway service and contributing to prevent a modal shift towards road transport. In the absence of such investments, the rail service quality would deteriorate and encourage the use of private cars with the associated negative impacts in terms of energy consumption and associated emissions.

In addition, the new rolling stock will be equipped with the state-of-the-art technology and the operation of the new trains is expected to be more energy efficient compared to operation of the existing trains which mainly are electrical but also include diesel trains. However, the new trains are to be fitted with additional energy consuming installations such as air conditioning, wifi, information displays and CCTVs. Thus only minor energy savings are to be expected.

The new rolling stock will meet the requirements concerning the noise emissions by rail rolling stock, so the noise emissions of the railways themselves are expected to be lower.

The replaced old rolling stock is owned by commercial rolling stock companies and a majority are likely to be used by other railway services in United Kingdom. If the decision is taken to scrap the vehicles, this will be done by entities specifically certified for this activity.