

Environmental and Social Data Sheet

Overview

Project Name:	PKP CARGO MULTI-SYSTEM LOCOMOTIVES
Project Number:	20150621
Country:	Poland
Project Description:	Purchase of up to 20 multi-system electric mainline locomotives
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

Environmental and Social Assessment

Environmental Assessment

The manufacturing of locomotives does not fall within the scope of either Annex 1 or Annex II of Directive 2011/92/EU as amended. Therefore, no EIA is required for the project. The project activities will take place in existing manufacturing plants within the EU. The locomotives will be manufactured in accordance with applicable Technical Specifications for Interoperability and EU environmental, labour, health and safety regulations.

The new multi-system locomotives will replace existing similar locomotives currently leased by the Promoter and in use in Poland, Germany, Czech Republic, Slovakia, Hungary and Holland. These existing leased vehicles have similar performance and energy consumption to the new vehicles. The new locomotives are also expected to be deployed in a similar work pattern to the existing leased vehicles, though likely extending to other Member States as the promoter obtains further operating licenses. The locomotives will be maintained at existing facilities in Poland.

The project should help the rail sector to gain or at least maintain modal share. On a tonne x km basis, moving freight by rail has the potential to bring about significant energy savings, emission reductions and safety improvements when compared to road transport. Rail freight may also improve noise levels on an aggregate basis.

The project is acceptable from an environmental perspective.

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.