

## Environmental and Social Data Sheet

### Overview

Project Name: TALGO HIGH SPEED TRAIN RDI  
Project Number: 2012 0337  
Country: SPAIN  
Project Description: The project comprises investments in research, development and innovation (RDI) to support the promoter's competitiveness by developing new very high speed train platforms with increased passenger capacity, by developing new solutions for rolling stock and by expanding the promoter's product portfolio.

EIA required: no

Project included in Carbon Footprint Exercise<sup>1</sup>: no

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

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

The research and development activities and manufacturing of rolling stock will be carried out in existing facilities already covered by environmental permits and will not change their scope due to the project. An Environmental Impact Assessment is therefore not needed as per Directive 2011/92/EU.

### Environmental and Social Assessment

#### Environmental Assessment

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The promoter's Environmental management System is certified ISO 14001 since 2007 by AENOR for all its business activities, namely design, manufacturing and maintenance. The relevant certifications have been obtained for all manufacturing and R&D centres: (i) Las Matas II (manufacturing and design) and (ii) Rivabellosa (manufacturing).

With reference to the new product developments, the promoter has in place an "Environmental Roadmap", which foresees (i) the systematisation of processes to develop LCA (Life Cycle Assessment) and EPD (Environmental Product Declaration), (ii) the analysis of environmental impact and economic cost (i.e. analysis of Environmental Impact and Cost Analysis during whole life cycle) and (iii) the eco design (i.e. reduction of energy consumption, minimisation of material and weight, optimisation of the production techniques and design focused on 3R's principles: Reduce, Reuse and Recycle).

#### Other Environmental and Social Aspects

The promoter considers permanent improvement of safety as priority; for this purpose, it has established a Safety Prevention Service that takes on four fundamental responsibilities: (i) Safety, (ii) Hygiene, (iii) Ergonomics and Psycho-sociology and (iv) Medicine at Work. In

<sup>1</sup> 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 CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.

addition to this, each work centre has its own prevention technicians who make sure that all the requirements on the subject of safety are fulfilled, supported by periodic inspections and revisions, certifying the fulfilment of the standards that promoter demands in all the areas of the company.

The company's commitment on the subject of safety is evidenced by the training of the personnel, which starts from the moment they join the company and is added to with talks on subjects related to prevention.

Currently, the promoter is implementing the OHSAS 18001 Standard, which promotes the management of safety and of occupational health within the company.