

Environmental and Social Data Sheet

Overview

Project Name: JCI RDI GERMANY
 Project Number: 20130115
 Country: Germany
 Project Description: The project consists of RDI expenditures related to automotive seats which JCI supplies to OEMs with a particular focus on weight reduction and safety improvement. The project will take place in Germany, the location of JCI's European Automotive Experience head office.

EIA required: no

Project included in Carbon Footprint Exercise¹: 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 project concerns investments in research and development that will be carried out in existing facilities without changing their already authorised scope. An Environmental Impact Assessment (EIA) is therefore not required by EIA Directive 2011/92/EU.

The project per se does not have any impact on the environment; however the project R&D activities partly targets the development of automotive seats with improved safety characteristics and reduced weight, it will therefore contribute to reducing fuel consumption and CO₂ emissions of the automotive fleet and subsequently to increased environmental and social sustainability in Europe. The project can therefore be classified as "acceptable with positive impacts".

Environmental and Social Assessment

Environmental Assessment

At the end of fiscal year 2012, 97% of the promoter's global manufacturing sites were and ISO 14001 certified. The project will be managed and carried out by the promoter's existing R&D staff in Germany. The project's R&D activities are a central part of the promoter's operations and will be embedded in the existing organisational and management structure. The operating procedures in place are in line with best industry standards.

The project focuses on safety improvement and weight reduction of seat components and complete seats. Weight reductions of seating play a non-negligible role in the OEMs' ambitions to reduce fuel consumption and CO₂ emissions in order to meet increasingly stringent environmental targets. Metals part and mechanisms represent around 70% of the total mass of an automotive seat; thanks to its focused R&D the promoter claims that weight reductions in the range of 15% to 20% can be achieved for some metals and mechanisms components.

Other Environmental and Social Aspects

The promoter has a strong safety culture and good operating and HSE (Health, Safety and Environment) procedures in place.

The development of new products systematically includes a LCA (Life cycle Assessment) evaluation that focuses on Energy, Greenhouse gases emissions, Water consumption and Wastes as well as on increased recyclability of final products.

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.