

Environmental and Social Data Sheet

Overview

Project Name:	<i>FORD OTOSAN RDI</i>
Project Number:	<i>2015-0310</i>
Country:	<i>Turkey</i>
Project Description:	The project concerns the promoter's selected RDI activities for the development of the next generation of a heavy commercial vehicle (HCV) and the middle life facelift of an existing light commercial vehicle (LCV). The RDI is focused on adapting the vehicles to the market demands, through enhanced functionalities, which include enlarged load capacity, handling, as well as versatility, comfort and e-connectivity, while improving productivity through modernised process engineering for manufacturing.
EIA required:	No

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

The project concerns investments in RDI that will be carried out in existing facilities already authorised, and would therefore not require an Environmental Impact Assessment (EIA) under Turkish EIA regulation and the EU equivalent. No further capital investments related to prototyping and testing have been reported as part of the project.

The project is acceptable for EIB financing. The project RDI will result in the development of the next generation light commercial and heavy vehicles respectively, with a focus in enhanced vehicle performance as regards enlarged load capacity, handling, as well as functionality, versatility, comfort and e-connectivity. The vehicles will be powered by internal combustion engines, which will add to the environmental load. The investments are completed by the optimisation of the process engineering adapting and improving the manufacturing processes to the project products.

Environmental and Social Assessment

Environmental Assessment

Environmentally Friendly Production Technologies

The promoter's project plants are certified according to ISO 14001.

The promoter has implemented environmental measures throughout its process and manufacturing lines, such as:

- water-based paint usage in the painting (first in Europe in primer application and first in Turkey in base coating and primer application), Solvent incineration system in the paint ovens, and constant online monitoring of oven emissions;
- the elimination of chemicals toxic to the environment: lead-free paint, Chrome (+6) free phosphating chemicals, asbestos-free building isolation materials, and resistance welding process free from beryllium;
- processes: 100% natural gas usage in the process and for heating, Automated monitoring of furnace emissions, recycling of waste heat from furnaces, and projects to monitor and reduce greenhouse gases, which cause global warming.

Energy Efficiency

The promoter's project plants are certified according to ISO 50001.