

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name: *DEUTZ UMWELTFREUNDLICHE MOTOREN F&E*
Project Number: *2010-0094*
Country: *Germany*
Project Description: Financing engine and related technologies R&D activities related to the relevant emissions requirements (EU Stage IIIB & IV and Tier 4i & 4) and fuel efficiency improvements.

Summary of Environmental and Social Assessment at Completion

EIB notes the following key Environmental and Social outcomes at Project Completion.

No significant environment or social issues were noted. The project concerned investments in research and development carried out in authorised existing facilities. Overall, the project had been assessed as acceptable having no adverse impact on the environment.

This project's main objective was the reduction of harmful emissions of heavy-duty engines to the requirements set by the different legislations around the world (Europe: EU Stage IIIB in 2012 and EU Stage IV in 2015; US: Tier-4 interim in 2012 and Tier-4 in 2015), including engines used in Gensets and Marine applications. The standards regulate the emissions of nitrogen oxide (NO_x), hydrocarbons (HC), carbon monoxide (CO) and particulate matter (PM).

A secondary objective consisted in the reduction of fuel consumption and CO₂ emissions, especially as the ambitious legislation on harmful emissions has required solutions that have adverse effects on fuel efficiency.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion based on reports from the promoter, that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.