

Environmental and Social Data Sheet

Overview

Project Name:	DAIMLER TRUCKS R&D PROJECTS II
Project Number:	2014-0067
Country:	Germany
Project Description:	The project concerns RDI investments of the promoter's truck division to improve fuel consumption, reduce emissions and enhance overall efficiency of heavy and medium duty commercial vehicles. The project is expected to be implemented between 2014 and 2016.

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 and overall, it is considered as environmentally acceptable. All R&D sub-projects have as an objective the improvement of CO₂ emissions. The developments in advanced and alternative powertrains will be necessary contributors towards the long-term demanding CO₂ emission targets.

Environmental and Social Assessment

Environmental Assessment

Trucks and buses are responsible for about a quarter of CO₂ emissions from road transport in the EU and for some 6% of total EU emissions. Despite some improvements in fuel consumption efficiency in recent years, CO₂ emissions from HDVs rose by some 36% between 1990 and 2010, mainly due to increasing road freight traffic. The project's main objective is the reduction of CO₂ emissions, and more specifically the reduction by about 20% as compared to the values of 2005. The improvements in the conventional powertrains are expected to be the main contributors towards the 2020 objectives. However in order to achieve the farther CO₂ requirements, developments in advanced powertrains and alternative fuels will be necessary, areas that are well represented in the promoter's advance engineering portfolio.

Other Environmental and Social Aspects

As an automotive manufacturer, the company's most significant environmental impact comes through its products. Besides the objectives of cutting the vehicles' CO₂ emissions by 20% by 2020, Daimler has set goals in the reduction of its manufacturing footprint, aiming at 20% reduction by 2015 of specific CO₂ emissions from production operations (compared to 2007),

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.

and reduction of absolute CO₂ emissions in European production plants by 20% from early 1990s levels by 2020 despite a substantial increase in production.

Daimler group's production locations worldwide are certified in accordance with ISO 14001 and are regularly audited to determine whether they meet the requirements of this environmental management system. As a result, over 98 percent of all employees work in the framework of a certified environmental management system. In addition, almost all German locations are certified according to the EU Eco-Management and Audit Scheme (EMAS). Moreover, 15 locations – including the major plants – have energy management systems that are certified in accordance with ISO 50001.

Suppliers must observe the company's sustainability requirements and are expected to operate with an environmental management system that is certified according to ISO 14001, EMAS or other comparable standards. In 2013 Daimler revised in detail the sustainability related demands on suppliers and the new document, the Supplier Sustainability Standards, elaborates the demands for working conditions, human rights, environmental protection and safety, business ethics, and compliance.

According to an independent reporting firm used by the Bank's services, that is active in the analysis of corporate sustainability aspects, Daimler's Environmental performance is good and among the best performers in the sector. Its strengths are particularly evident in the very good environmental management, reporting and the overall environmental performance, while the weakest points are actually linked to the actual environmental impact and potential climate change; impact associated to the operation of the products (vehicles).