

Environmental and Social Data Sheet

Overview

Project Name: **SCANIA 2020 FUEL EFFICIENCY**
 Project Number: 2012-0341
 Country: Sweden
 Project Description: Development of a new truck platform aiming at improved fuel economy through aerodynamics and weight reduction, enhanced safety, improved driving conditions, load carrying capacity and repair and maintenance characteristics.

EIA required: NO

Project included in Carbon Footprint Exercise¹: NO

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 already authorised. 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 overall, it is considered as environmentally acceptable with minor negative residual impact as, while the products of the programme will have lower fuel consumption improving the current situation, they will still add to the environmental load.

Environmental and Social Assessment

Environmental Assessment

The project concerns selected activities from the promoter's R&D programme, specific to the development of a new truck platform. The new platform, which will be a new generation after a series of facelifts over the last few years, will feature a new cab exterior, a new front chassis and a new interior. The main objectives include improved fuel economy through aerodynamics and weight reduction, enhanced safety, improved driver's conditions, load carrying capacity and repair and maintenance characteristics.

The promoter aims through the project to improve the fuel consumption of its vehicles through improved aerodynamics, weight reduction (also improving the load carrying capacity) and also through a more efficient cooling system. In addition the project will result in a number of active and passive safety improvements such as improved visibility, enhanced handling and manoeuvring and crash performance and finally will improve the overall driver environment and ergonomics.

Other Environmental and Social Aspects

Sustainable development is of high importance to the promoter. The big majority of the company's environmental impact comes as a result of the operation of its products. Production of a truck generates around one tonne of carbon dioxide and component haulage and vehicle delivery another ton. By contrast, a long-haulage truck driven fuel-efficiently for 200 000 km for one year emits approximately 170 tons of carbon dioxide. This is the reason why it is so important for the company to focus its efforts on the development of fuel efficient vehicles. However, Scania is also looking to its own operations considering the impact of its

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.

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products during their entire life cycle. Since 2007 the total energy, raw materials, solvent emissions and water consumption for the production of vehicles has been reduced although the production volumes have been increased by about 7%. Some of the most important efforts in the short-and medium-term include an action plan for renewable energy supply, the definition of more extensive environmental requirements for suppliers and development of water scarcity strategy and methods

All Scania's facilities are certified according to ISO14001 and 9001 environmental and quality certifications.

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