# Environmental and Social Data Sheet

*(Further guidance is contained in the Environmental and Social Practices Handbook)*

## Overview

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| Project Name: | **EBERSPAECHER EXHAUST TECHNOLOGY RDI** |
| Project Number: | **2011-0158** |
| Country: | **GERMANY** |
| Project Description: | The project concerns the promoter's RDI for vehicle exhaust technology. It includes industrial basic research fields in exhaust heat recovery, heat management, active sound design, weight reduction and efficiency improvement, as well as subsequent specific developments for new vehicle platforms. |

EIA required: NO

Project included in Carbon Footprint Exercise[1]: NO

(Details are provided in section: “Carbon Footprint”)

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

The project concerns investments in research and development for exhaust after-treatment systems for passenger cars, heavy commercial vehicles and non-road equipment that will be carried out in existing facilities already authorised and therefore do not require an Environmental Impact Assessment (EIA) under Annex II of the Directive 85/337, amended by Directives 97/11 and 2003/35.
The project will contribute to significant pollutant and $CO_2$ emission reduction throughout the range of the developed products. The project is therefore considered acceptable.

## Environmental and Social Assessment

### Environmental Assessment

The project targets the development of new exhausts technologies and after-treatment systems that will help automotive vehicles complying or even exceeding the latest relevant EU legislation setting the standards for pollutant emissions applicable to (i) passenger cars and light commercial vehicles (regulations 715/2007 and 692/2008 concerning Euro 5 & Euro 6), (ii) heavy commercial vehicles (regulations 595/2009 and 582/2011 concerning Euro VI) and (iii) non-road machineries and vehicles (directives 2004/26/EC and 2005/13/EC concerning stage III & stage IV). The project also includes innovative developments focusing on heat recovery that will allow the exhaust system to contribute to significant $CO_2$ emission reductions (in the range of 10 g/km) and consequently help new vehicles complying or exceeding the target that has been set in the EU regulations 443/2009 for passenger cars and 551/2011 for light commercial vehicles.

### EIB Carbon Footprint Exercise

Project is not included - the EIB draft Carbon Footprint Methodologies only includes emissions from Investment Loans, and large allocations under Framework Loans, above the methodology thresholds.

[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.

## Other Environmental and Social Aspects

The proposed R&D activities will not materially change current R&D practices and will make use of existing laboratories and work forces. The promoter applies stringent Environment, Health and Safety (EHS) policies and has a sound EHS management system. No social impact is expected.

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