

Environmental and Social Data Sheet

Overview

Project Name:	INNOVATIVE VEHICLE AND AUTONOMOUS DRIVING RDI
Project Number:	2021-0439
Country:	Germany
Project Description:	The project concerns the promoter's investments in R&D activities in the fields of (i) Electronics and ADAS, (ii) Autonomous Mobility Systems technologies.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The project concerns selected activities from the promoter's R&D programme in the field of autonomous driving systems and assisted driving technologies, including the development of autonomous systems for shuttle applications, as well as components and systems targeting a wide range of applications and levels of automation. RDI activities are not classified under the EIA Directive 2014/52/EU amending the EIA Directive 2011/92/EU; as the project activities will be carried out in existing facilities without changing their already authorised scope, the EIB assesses that for this project significant negative effects are not likely.

The project's outcomes however, contribute to improve the active safety of vehicles, and consequently improve the sustainability of the transport sector. As such, the project is aligned with the Bank's Climate Bank Roadmap, with specific reference to Powertrain-neutral components e.g. safety or greening aspect (active/passive safety, automation, connectivity, telematics, light-weighting of exterior/interior/structure).

Other Environmental and Social Aspects

Sustainability is an integral part of the promoter's Next Generation Mobility strategy, and the company has committed to become fully climate-neutral by 2040 (comprising Scope 1, 2 and 3 CO₂ emissions from the supply chain, product and production), while has placed two intermediate goals to reduce by 2030 direct CO₂ emissions from the promoter's production and indirect CO₂ emissions of the promoter's energy consumption by 80% and CO₂ emissions from supply chain and product use by 40% compared to 2019. The goals among other have been aligned with the SDGs, and the Science Based Targets initiative (SBTi) with a commitment to Business Ambition for 1.5°C.

¹ Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO₂e/year absolute (gross) or 20,000 tonnes CO₂e/year relative (net) – both increases and savings.

Luxembourg, 15/12/2021

Overall, the company has a very focused and structured approach to sustainability matters, and all production and main development locations manage environmental issues according to the ISO 14001:2015 standard.

On the social point of view, the project is expected to remain of neutral nature in respect to gender equality, marginalised and vulnerable groups, as it is not expected to generate discriminations.

Conclusions and Recommendations

The project concerns research and development activities that are not specifically listed in the EIA Directive 2014/52/EU amending the EIA Directive 2011/92/EU, which 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.

The developed products will have positive sustainability impact through the improved safety characteristics of vehicles. Overall, the project is considered acceptable for the Bank financing with no negative residual impacts.