

Environmental and Social Data Sheet

Overview

Project Name: POWERTRAIN DEVELOPMENT AND TEST SYSTEMS RDI
Project Number: 2016-0997
Country: Austria
Project Description: Financing of RDI activities over the period 2017-2020 focusing on (a) hybrid and fully electric powertrains, and (b) technologies related to Advanced Driver Assistance Systems (ADAS) linked to connected and automated vehicles. The activities include Powertrain engineering and development, development of advanced simulation systems and finally development of testing systems and related instrumentation.

EIA required: no

Project included in Carbon Footprint Exercise¹: no

Environmental and Social Assessment

Environmental Assessment

The project concerns R&D activities that do not fall under Annexes I and II of the EIA Directive 2014/52/EU amending the Directive 2011/92/EU, and are therefore not subject to mandatory Environmental Impact Assessment.

About 65% of the project investment concerns R&D activities that aim at the improvement of the environmental characteristics of motor vehicles while the other remaining part aims at the improvement of safety and connectivity aspects of motor vehicles. The environmental related activities mainly concern the development of the electrified powertrains as well as related simulation and test systems. The activities related to Advanced Driver Assistance Systems (ADAS) contribute primarily to safety, but also indirectly to the reduction of fuel consumption.

AVL's activities (being an engineering company with no manufacturing) do not have a significant environmental impact. The outcomes of the development activities however, are deployed in vehicles that do contribute to the global environmental load. AVL has a strong sustainability focus and its Environmental Management Systems are certified under the ISO 14001 standards; the original certification took place in 2003 and its premises were re-certified in 2014.

Conclusions and Recommendations

The project concerns R&D activities that are not specifically listed in the EIA directive and that will be carried out in existing facilities without changing their already authorised scope. An Environmental Impact Assessment (EIA) is therefore not required by Directive 2014/52/EU amending the EIA Directive 2011/92/EU. The R&D activities aim at the improvement of the

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.



environmental characteristics of motor vehicles and at the improvement of safety and connectivity aspects of motor vehicles.

The project is considered as environmentally acceptable for the Bank's financing.

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