

## Environmental and Social Data Sheet

### Overview

Project Name:	<i>FCA SMART VEHICLES AND ELECTRIFICATION</i>
Project Number:	<i>2018-0082</i>
Country:	Italy
Project Description:	The project concerns the promoter's R&D activities in the period 2018-2020 for the development of: (i) a scalable autonomous driving platform; (ii) electrification technology solutions for micro-hybrid, mild-hybrid, full-hybrid, plug-in hybrid electric and battery electric vehicles; (iii) vehicle connectivity technologies to improve safety, security, user navigation and infotainment on-board; (iv) digitalisation technologies for deployment in manufacturing processes, including employees training and skill development
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

### Environmental and Social Assessment

#### Environmental Assessment

The project concerns R&D activities that will be carried out in existing facilities without changing their already authorised scope and do not have any significant negative environmental impact. Thus, an Environmental Impact Assessment (EIA) as defined in the Directive 2014/52/EU amending the EIA Directive 2011/92/EU is not required.

The projects has strong sustainability objectives both in terms of environment (reduction of CO<sub>2</sub> emissions through the development of vehicle electrification technologies), and safety (development of automated and connected vehicle technologies).

#### Other Environmental and Social Aspects

The Group has implemented an Environmental Management System ("EMS") worldwide, aligned with ISO 14001 standards. The EMS consists of a system of methodologies and processes designed to prevent or reduce the environmental impact of the Group's manufacturing activities through, for example, reductions in emissions, water consumption and waste generation, and conservation of energy and raw materials. At year-end 2016, nearly 100 percent of FCA plants included in the 2014 scope of reporting were ISO 14001 certified.

FCA uses CO<sub>2</sub> emissions per vehicle produced as an indicator of its energy performance and, for 2020, is targeting a 32 percent reduction, based on Business Plan estimated volumes, compared with the 2010 baseline. In 2016, total CO<sub>2</sub> emissions from manufacturing processes decreased slightly by about two percent compared with 2015.

### Conclusions and Recommendations

<sup>1</sup> 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 CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.



Luxembourg, 15/05/2018

The proposed investments do not require any additional permits and fall within an already authorised scope. The Group has implemented an Environmental Management System ("EMS") worldwide, aligned with ISO 14001 standards and the outcome of the projects will have strong sustainability objectives in terms of environment and safety.

As such, the project is acceptable for financing in environmental and social terms.

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