

Environmental and Social Data Sheet

Overview

Project Name:	AVIO SPACE PROPULSION SYSTEMS RDI
Project Number:	2017-0472
Country:	Italy
Project Description:	The project concerns the promoter's investments in RDI in the field of space propulsion systems as well as capital expenditures for the modernisation and expansion of the manufacturing capacity of its main Italian production site over the period 2017-2020.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The project includes RDI activities that will be managed and carried out by the promoter's existing R&D staff in Italy, mainly on the existing site in Colleferro. The project's R&D activities are a central part of the promoter's operations and will be embedded in the existing organisational and management structure. The operating procedures in place are in line with best industry standards.

The project also includes capital expenditures for the modernisation and expansion of the manufacturing capacity of space propulsion systems on the promoter's main manufacturing site in Colleferro. It doesn't include any engine test benches investments that are usually handled separately on another site by the promoter.

Other Environmental and Social Aspects

The promoter's manufacturing plants in Italy are ISO 9001 and ISO 14001, as well as OHSAS 18001 certified.

Conclusions and Recommendations

The project concerns investments related to the research and development and to the manufacturing of space propulsion systems that are not specifically listed in the EIA's directive Annex I or II. The project will be implemented on an existing site without changing its already authorised scope. An Environmental Impact Assessment (EIA) is therefore not required under Directive 2014/52/EU amending the EIA Directive 2011/92/EU.

The project per se does not have any impact on the environment; however some of the project R&D activities are focusing on the development of more efficient and less polluting propellants that will contribute to climate mitigation and to the reduction of pollutant emission in the atmosphere by future satellite launchers. The project is therefore acceptable for financing by the Bank.

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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.