Luxembourg, 13 October 2016

Environmental and Social Data Sheet

Overview

Project Name:	OHB SPACE RDI
Project Number:	20160391
Country:	Germany
Project Description:	The project concerns the RDI investments by OHB SE, Germany's first listed aerospace group, to develop an innovative satellite platform based on an all-electric propulsion system. The project is the development part of the Electra project, an initiative of ESA in conjunction with satellite operator SES and OHB, which also includes the integration, launch and validation in orbit of the first mission. The RDI activities included in the project will be performed by OHB experts in Germany (around 77% of project costs), Sweden (19%) and Luxembourg (4%).
EIA required:	NO
Project included in Carbon Footprint Exercise[1]:	NO

Environmental and Social Assessment

Environmental Assessment

The specific RDI activities included in the project will not have any relevant environmental impact as they relate to development of engineering solutions to be performed in existing facilities. Moreover, based on the reduced weight, the satellite platform to be developed as a result of the project will reduce the amount of energy needed to be launched into space by almost 50% comparing to traditional chemical propulsion satellite platforms. This will have the positive indirect effect of reducing the environmental impact in the surroundings of the launching sites.

Other Environmental and Social Aspects

One of the promoter's subsidiaries holds an ISO 14001 certification and the main subsidiary involved in the project (OHB System AG) has appointed an environmental management officer that is responsible for the compliance with the requirements stipulated by this standard.

Conclusions and Recommendations

The project activities do not fall under Annexes I and II of the EU Directive 2011/92/EC as amended, and are therefore not subject to mandatory Environmental Impact Assessments. The proposed investments will take place inside buildings at existing RDI facilities without changing their authorised scope, and are not expected to have a significant environmental impact on the surroundings. Finally, the technology developed will reduce the environmental impact during launch thanks to the reduced weight and energy required.

Therefore, the project has been classified as acceptable in environmental terms for the Bank's financing.

[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.