

Environmental and Social Data Sheet

Overview

Project Name:	STM ITALY-FRANCE-MALTA
Project Number:	2016-1000
Country:	Italy, Malta, France
Project Description:	The project relates to the RDI activities and the investment programme of the promoter focused on the development of the technologies and products for the next generation of semiconductor devices in the years 2017-2018.
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

(details for projects included are provided in section: "EIB Carbon Footprint Exercise")

Environmental and Social Assessment

Environmental Assessment

Semiconductor manufacturing facilities and RDI for semiconductors are not specifically covered by Annexes I & II of EU Directive 2014/52/EU amending the EIA Directive 2011/92/EU, and therefore not subject to mandatory environmental impact assessment. The proposed RDI activities will take place mainly inside buildings at existing RDI or manufacturing facilities already being used for similar activities, and are not expected to have a significant environmental impact on the surroundings.

The proposed investment programme includes lines capacity increase and clean room expansions within existing manufacturing facilities as well as the construction and fit out of a new manufacturing facility to host a pilot line. All of the investments will be performed within existing industrial sites already used for similar activities, and are not expected to have a significant environmental impact on the surroundings.

Other Environmental and Social Aspects

The Promoter fulfils the requirements of the ROHS Directive (Restriction of Hazardous Substances) for its products. All of the promoters manufacturing operations are OHSAS18001 certified, and the sites included in the investment programme are certified under EMAS (Eco-Management and Audit Scheme) regulation.

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.

Luxembourg, 15 June 2017

The promoter is an active member of the Electronics Industry Citizenship Coalition (EICC) and the Global e-Sustainability Initiative (GeSI) and implements all the actions and procedures developed by this joint working group aimed at sourcing conflict-free minerals. These actions include the implementation of conflict-free Smelter and due diligence programs to verify the supply chain of the promoter, as well as to support in-region sourcing schemes to enable future legitimate trade from the region.

A large part of the products resulting from the projects RDI activities will induce energy efficiency gains in their area of application. The power electronic devices for intelligent battery management, the ultra-low power microcontroller units as well as the ultra-low-leakage technology are some of the examples for the applications of the project related to energy efficiency

Conclusions and Recommendations

Semiconductor manufacturing facilities and RDI for semiconductors are not specifically covered by Annexes I & II of EU Directive 2014/52/EU amending the EIA Directive 2011/92/EU, and therefore not subject to mandatory environmental impact assessment. A large part of the products resulting from the projects RDI activities will induce energy efficiency gains in their area of application.

Overall, the project is therefore eligible for EIB financing in environmental terms.

PJ/SQM/ECSO 15.10.15