

Environmental and Social Data Sheet

Overview

Project Name:	ENGINEERING RDI II
Project Number:	2015-0261
Country:	Italy
Project Description:	The project relates to investments in RDI for new software technologies as well as the development of new software applications for the public administration, financial institutions, utilities and telecom companies. The activities are carried out in Italy and are partially co-funded by Horizon 2020 or by national programs.
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The project activities do not fall under Annexes I and II of the EU Directive 2011/92/EC, and are therefore not subject to mandatory Environmental Impact Assessments. The proposed investments will take place mainly inside buildings at existing RDI facilities already being used for similar activities, and are not expected to have a significant environmental impact on the surroundings. On the contrary, some of the RDI projects are addressing specific environmental issues. Therefore, the RDI results will help among others to allow for a more efficient and reduced use of energy and a better integration of alternative energy sources into the current power distribution network.

Engineering is also putting a lot of importance on certifications including environmental ones (ISO 14 001), which is also demonstrated through the annual sustainability reporting, which is based on the GRI standards.

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.

Environmental and Social Assessment

Environmental Assessment

The promoter is very ambitious in relation to social and environmental considerations and its Corporate Social Responsibility report has been drawn up according to the Guidelines issued by the International standard GRI - Global Reporting Initiative (G4), for both the topics reported on, and for the definition and processing of the performance indicators. The level of application of the guidelines chosen is level C. In addition, Engineering holds a high number of certifications (ISO 9001, ISO 14001, ISO 20000, ISO 27001, CMMI-Dev version 1.3 level 3, NATO AQAP 2110/160) some related to environmental management but also to the field of business operations in order to provide high quality solutions to its clients.

Engineering invests constantly also in training and certification programs of its employees. Therefore, the Engineering Training School was established in 2000 to provide courses for the promoter's employees as well as for external people. The IT school offers about 180 different courses dispensed in 16 computerised class rooms and employs about 200 teachers. During 2014, about 3 500 internal and 1 500 external students attended various courses in the school. This added up to 17 000 person-days of classroom training.

While the RDI activities itself do have a limited environmental impact, Engineering is involved in many different projects that aim to help reducing power consumption or optimize the exploitation of alternative power generation solutions. Currently the promoter is contributing among others to the following EU or national projects:

- **ENERGETIC:** Technologies for Energy, Energy Efficiency and Energy Consumption Awareness
- **GEYSER:** Green networked Data Centres as energy prosumers in smart city environment.
- **INERTIA:** Measure, control and manage the production and consumption of electricity
- **INGRID:** High-capacity hydrogen-based green-energy storage solutions for grid balancing
- **ELSA:** aims at offering a storage-as-a-service system based on cost competitive second-life battery energy storage and an interoperable ICT platform using standard smart grid information and service models for optimized energy management of local resources
- **TEDS4BEE:** Test of Digital Services for Buildings Energy Efficiency