

## Environmental and Social Data Sheet

### Overview

Project Name:	<b>ANSALDO INNOVATIVE GAS AND STEAM TURBINE DEV</b>
Project Number:	<b>2016-0080</b>
Country:	<b>ITALY</b>
Project Description:	The project comprises the promoter's planned investments and expenditures for 2016-2019 in Research, Development and Innovation (RDI) and advanced manufacturing machinery concerning the recently acquired cutting-edge technologies of large and very large gas turbines. The project will be carried out in the promoter's R&D and manufacturing centre in Genoa.
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no
(Details for projects included are provided in section: "EIB Carbon Footprint Exercise")	

### Environmental and Social Assessment

#### Environmental Assessment

Quality, environment and safety issues are well integrated into the company processes; the company promotes improvement and total compliance with the regulations and communicates its policy for quality, the environment and safety to all relevant parties. The policy is available, together with the Management system manual, on the portal and internet site. Ansaldo Energia has an environmental management system certified in compliance with ISO 14001.

#### Other Environmental and Social Aspects

In the recent years the promoter has rolled out many initiatives to reduce the number of accidents during the turbine manufacturing by identifying indicators to allow setting objectives for future improvements. It implemented a programme to analyse the reasons behind accidents so as to introduce measures appropriate to remove them and measure their efficiency and effectiveness analytically and objectively. The promoter carries out periodical audits of factories, internal and external work sites to check the application and compliance of the group's safety and health procedures.

In order to increase awareness about safety at all levels throughout the company, the promoter has introduced various training programmes; moreover the company has set up an environmental and safety committee to share objectives and technical solutions with the relevant department heads and managers.

In 2012, the group revised the health and safety procedures and instructions to best comply with the BS OHSAS 18001.

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<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.

## Conclusions and Recommendations

The project activities will be carried out in existing R&D and manufacturing facilities that will not change their already authorised scope due to the project. An EIA is therefore not needed as per Directive 2011/92/EU as amended.

Ansaldo Energia has quality and environmental management systems which are ISO 9001 and 14001 certified, respectively. The safety system is structured in compliance with BS OHSAS 18001.

The project, if successful, will help the promoter to develop and produce new, better performing and more efficient gas turbines; the project is therefore expected to contribute to climate change mitigation.

In the light of the above, the project is eligible for the Bank's financing.