

Environmental and Social Data Sheet

Overview

Project Name: Innovative Process Technologies
Project Number: 20170876
Country: Germany, Denmark, Netherlands
Project Description: The project concerns RDI activities for the development of products, solutions and processes used in Dairy Farming and Processing, Food, Beverages, Pharma, Chemical, Utilities and Marine applications

EIA required: no

Project included in Carbon Footprint Exercise¹: no

Environmental and Social Assessment

Environmental Assessment

The project includes RDI activities for the development of solutions and processes used in Dairy Farming and Processing, Food, Beverages, Pharma, Chemical, Utilities and Marine applications, based on products like separators, valves, pumps, homogenizers, compressors and refrigeration equipment. The Capex investments concern primarily prototypes and R&D related equipment to be used in the existing facilities. The project activities are not listed in any annexes of the Directive 2014/52/EU amending the EIA Directive 2011/92/EU and will be carried out in existing facilities already authorised that will not change their scope due to the project.

Other Environmental and Social Aspects

Even though energy consumption and emission levels in production are relatively low, GEA regularly checks all areas for potential improvements in efficiency, and specific targets and programs are defined by each individual site.

Since June 2016 GEA Group AG which is headquartered in Düsseldorf has been assessed and certified as meeting the requirements of all 4 major certifications (ISO 9001 (quality), 14001 (environmental management), 18001 (health and safety) and 50001 (energy management)). GEA has 65 sites that include manufacturing facilities along with a number of further sites in country organisations. While the company is in the process of obtaining certifications for more sites, in 2016 the group's status with respect to certifications was as follows:

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, 16/03/2018

Management system	Number of certified companies*	Number of integrated sites
DIN ISO 9001:2015	89	62
DIN ISO 14001:2015	17	12
BS OHSAS 18001:2007	15	10
DIN ISO 50001:2011	8	5

*) comprises manufacturing sites and sales offices

After establishing its new organisation, the company put in place also a new procurement organisation that requires that suppliers commit themselves to complying with the code of conduct established by the German Association of Materials Management, Purchasing and Logistics. The code refers to the ten principles of the UN Global Compact on human rights, labour standards, environmental and anti-corruption. GEA audits all suppliers at regular intervals on ecological aspects, working practises, respect for human rights as well as social impact. Key suppliers are inspected on a yearly basis and in 2016 the company conducted about 300 supplier audits.

Conclusions and Recommendations

In the light of the above, the proposed investments do not require any additional permits and fall within an already authorised scope. As such the project is acceptable for financing in environmental and social terms.

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