

Environmental and Social Data Sheet

Overview

Project Name:	ENSINGER PLASTICS GROWTH AND INNOVATION
Project Number:	2018-0649
Country:	Germany
Project Description:	Financing of investments in research, development and innovation (RDI) in the field of high-tech engineering plastics manufacturing and application development, in manufacturing equipment and machinery and in buildings to support the company's growth over the period 2019 - 2021.
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:

The project comprises investments in three components: (a) in R&D activities, (b) in manufacturing equipment and machinery and (c) in a new building and the implementation of building infrastructure in an existing manufacturing building.

a) Investments in R&D activities of the group: This component encompasses the promoter's R&D activities in its different business divisions. The R&D activities focus among others on the development of new applications for high-tech engineering plastics. The activities included in this component do not fall under any Annex of the EIA Directive 2014/52/EU amending the Directive 2011/92/EU; moreover, they will be carried out in existing already authorised facilities that will not change their scope due to this project component.

b) Investments in manufacturing equipment and machinery: This component encompasses the promoter's investment in new equipment and machinery in its different business divisions, primarily equipment related to extrusion of engineering plastics, compounding of engineering plastics, injection molding and/or milling machines. The investment will replace existing equipment and/or implement new equipment to increase manufacturing capacity in existing manufacturing facilities. The activities included in this component do not fall under any Annex of the EIA Directive 2014/52/EU amending the Directive 2011/92/EU; they will be carried out primarily in existing already authorised facilities that will not change their scope due to this project component.

c) Investment in a building and building infrastructure of existing manufacturing buildings: This component encompasses the construction of a new building inside the promoter's manufacturing facility in Nufringen (Germany) and the implementation of building infrastructure in a manufacturing building recently erected in Cham (Germany). The

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.

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construction permit for the new building has been granted and the project will not change the already authorised scope of the buildings.

Overall the output of the investment programme is associated with some environmental benefits. For example, the company's development of improved insulation spacers for high efficiency windows and for aluminium windows. These activities will increase the thermal efficiency of windows and finally those benefits will be available to its worldwide clients. Therefore, the project is expected to have a positive environmental impact.

The residual environmental project risks are deemed low. Moreover, increasing manufacturing and energy efficiency is a key driver for the promoter and part of its RDI activities.

Other Environmental and Social Aspects

Awareness on environmental protection, operational health and safety and quality appears to be well integrated into the company's procedures and policies. To facilitate the reduction of environmental impacts, the promoter's main manufacturing facilities are certified according to ISO 50001. More details on the company's quality, environment, energy and health and safety policies can be found under the following link:
<https://www.ensingerplastics.com/en/sustainability>.

Conclusions and Recommendations

Considering the above, the project's direct environmental impact is expected to be very limited, whereas some products of the programme are very likely to contribute to improve the energy efficiency of windows reducing GHG emissions. The project is thus acceptable for financing by the Bank in environmental and social terms.

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