

Luxembourg, 08.07.2025

Environmental and Social Data Sheet

Overview

Project Name:	FREUDENBERG TECHNOLOGY INNOVATION RDI
Project Number:	2022-0307
Country:	Germany
Project Description:	The operation is financing the promoter's RDI activities in automation and digitalization of internal processes, as well as RDI activities in the development of new technologies, materials, and processes to support the promoter's wide product portfolio. The project concerns the promoter's RDI program for the period 2025-2028 in the central R&D unit Freudenberg Technology Innovation (FTI).
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The project concerns the RDI activities of FREUDENBERG TECHNOLOGY INNOVATION (FTI) to develop new technologies, materials and processes, contributing to a diversified Research, Development and Innovation portfolio across various sectors. These RDI activities are not listed in any of the Annexes of the Environmental Impact Assessment Directive – Directive 2011/92/EU amended by Directive 2014/52/EU and will be carried out in existing facilities without changing their already authorised scope. Therefore, the project is not subject to mandatory environmental impact assessments.

The RDI scope of the project will partially contribute to Climate Action and Environmental Sustainability (CA&ES) requirements in the areas of climate mitigation and environmental sustainability as two of FTI's RDI focus areas are closely linked to matters of green energy solutions and sustainability.

The project has been assessed for Paris alignment. It consists of RDI activities in the Industry sector and does not feature any of the activities, which are considered non-eligible for EIB funding according to the Low Carbon Framework (Annex II to CBR). In addition, it has low physical climate risk. The project is hence aligned with both low carbon and resilience goals set out in the Climate Bank Roadmap.

¹ Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO₂e/year absolute (gross) or 20,000 tonnes CO₂e/year relative (net) – both increases and savings.



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EIB Paris Alignment for Counterparties (PATH) Framework

Consistent with the Paris Agreement, FREUDENBERG made a pledge to be carbon net zero by 2045 for emissions arising from own operations. To achieve this, FREUDENBERG has developed the project “Sustainability Drives Climate Action” (SDCA), aiming primarily at energy conservation, further electrification, green electricity purchase and generation. As per the 2023 Annual Report, the current share of renewable energy as a percentage of total electricity consumption was 36%, which reflects a near twofold increase since 2020. In addition, absolute greenhouse gas emissions from own operations reduced by 26% since 2020 while business grew (relative to sales, greenhouse gas emission decreased by just over 45% during the same time period).

- As a corporate, FREUDENBERG is in scope of the PATH framework. The company is not involved in incompatible activities.
- FREUDENBERG is screened out of PATH, as it is neither considered “High Emitting” nor “High Vulnerability”.

Other Environmental and Social Aspects

FREUDENBERG is a participant of the UN Global Compact and affirms its support for the ten basic principles on human rights, labour, anti-corruption and environmental protection agreed by the United Nations. Freudenberg is also committed to the 17 SDGs and prioritizes nine of these goals.

The project’s R&D activities will be performed in the FTI’s existing R&D facilities which are certified to ISO 9001 for quality management. In addition, the promoter’s testing laboratory is certified to ISO 17025.

Conclusions and Recommendations

The project concerns investments in research and development that will be carried out in existing facilities without changing their already authorised scope.

The project does not have any significant environmental impact. However, a number of innovative products and processes resulting from the R&D activities of the project will contribute to CA&ES policy goals in downstream industries, specifically through positive contributions to climate mitigation and environmental sustainability.

In addition, the project is PATH-aligned and in line with the relevant CBR frameworks on carbon impact and resilience.

In summary, the project is therefore acceptable for financing by the EIB in environmental and social terms