



Luxembourg, 21 December 2022

Environmental and Social Data Sheet

Overview

Project Name:	PLANSEE HIGH-PERFORMANCE MATERIALS RDI
Project Number:	2022-0275
Country:	Austria, Luxembourg, Germany
Project Description:	The project concerns the promoter's R&D program for the period 2022-2025 supporting the development of novel technologies for high-performance materials used in a broad range of end-markets.
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 to be financed by the Bank concerns selected R&D activities to develop new technologies, products, and processes in the industry linked to molybdenum and tungsten metals, and other hardmetals. The project contributes to the improvement of the sustainability characteristics of the sector through the development of circular economy solutions and the improvement of production processes in the industry. In particular, the project aims to achieve increased recycling and reuse of refractory metals and related products as well as improved production processes leading to reduced CO₂ emissions. A part of the project cost contributes to the Bank's Climate Action and Environmental Sustainability policy objective. The project is Paris-aligned, contributing to decarbonisation strategy of the promoter.

The R&D activities will be carried out in already existing and authorised R&D facilities, which comply with national legislation, with no need for additional permits. The project is not listed under any of Annexes of the Environmental Impact Assessment Directive (EIAD) – Directive 2014/52/EU amending Directive 2011/92/EU and therefore it does not require a screening or an EIA Report, as it is not subject to an EIA procedure.

Plansee's R&D activities are aligned with decarbonisation targets of its two divisions with a major focus on the reduction of usage of primary raw material, specifically, tungsten which is considered Critical Raw Material by the European Commission due to its supply risk and economic importance. The selected R&D activities will also focus on reducing the

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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environmental impact of the production processes at the promoter facilities through new processes and technologies.

Overall, likely negative environmental effects are assessed as non-significant, in respect to both environment and climate, given the project's nature and not being subject to EIAD.

EIB Paris Alignment for Counterparties (PATH) Framework

The counterparty Plansee is in scope (corporate) and screened out of the PATH framework, because it is not considered high emitting and of high vulnerability.

Other Environmental and Social Aspects

Plansee Group consists of two divisions: Plansee High Performance Materials (HPM) and Ceratizit Hardmetals & Tools (CT). Both of them have short-term and long-term decarbonisation strategies.

CT plans to reduce CO₂ emissions along the entire value chain (Scope 1, 2 and 3 emissions) by 35% by 2025 (compared to 2020), by 60% by 2030 and by at least 75% by 2040. Scope 1 and 2 emissions are planned to decrease by 90% by 2040. Including a number of additional offset measures scheduled, CT aims to be climate neutral already by 2025. One of the driving forces behind decreased emissions will be the reduction of use of virgin raw materials, with a target of over 95% of recycled materials usage by 2030.

HPM aims to decrease CO₂ emissions across the entire value chain (Scope 1, 2 and 3 emissions) by 30% by 2030 (compared to 2020), and by 90% by 2050. Including a number of additional offset measures scheduled, HPM aims to be climate neutral already by 2030. Scope 1 and 2 emissions are planned to decrease by 75% by 2030.

The company implements relevant occupational health and safety standards. Plansee Group's major units are certified to ISO 9001 (quality), and ISO14001 (environment), ISO 50001 (energy) or OHSAS18001 (safety) standards as a framework.

Conclusions and Recommendations

The RDI activities will be carried out in already existing and authorised R&D facilities, which comply with national legislation, with no need for additional permits. The project is not listed under any of Annexes of the Environmental Impact Assessment Directive – Directive 2014/52/EU amending Directive 2011/92/EU and therefore not require screening or EIA Report.

The technologies, products, and processes to be developed will have positive environmental sustainability impact through the improved resource efficiency and circularity and reduced emissions in the production processes.

Overall, the project is considered acceptable for the Bank financing in environmental and social terms.