



Luxembourg, 05 October 2023

## Environmental and Social Completion Sheet (ESCS)

### Overview

Project Name:	VOESTALPINE RDI AND ADVANCED MANUFACTURING
Project Number:	2018-0753
Country:	Austria
Project Description:	Financing of the promoter's RDI programme over a three year period and a new advanced manufacturing technology (AMT) plant for stainless and special steels in Kapfenberg, Austria.

### Summary of Environmental and Social Assessment at Completion

**EIB notes the following Environmental and Social performance and key outcomes at Project Completion.**

The two components of the Project have been successfully implemented.

(i) The promoter's R&D activities did among others lead to advances in the following areas that could have positive impacts on the environment:

- Low carbon primary steelmaking process
- Carbon capture and storage solutions in the steelmaking sector
- Primary ironmaking based on hydrogen plasma
- Development of advanced high strength steels (AHSS) enabling weight reductions and resources efficiencies in products using high tech steels

(ii) Investments in a new advanced manufacturing technology (AMT) special and stainless steel plant: The implementation of the plant once fully ramped-up will have the following positive impacts on the environment and climate mitigation:

- Reduced GHG emissions through waste heat recovery
- Increased resource efficiency with regard to electric arc furnace (EAF) electrodes, refractories and industrial gases consumption
- Reduced dust emissions

According to the promoter, the AMT special steel plant has been implemented in accordance with the relevant best available techniques (BAT) and all mitigation measures have been implemented in accordance with the valid environmental permit of the industrial site.

The promoter confirmed that the new AMT plant has been screened out by the competent authorities.

### Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion based on reports from the promoter during implementation and at completion that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.