



European Investment Bank (EIB)

Luxembourg, 18 June 2021

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	AGC ADVANCED GLASS TECHNOLOGY RDI
Project Number:	2016-0503
Country:	Belgium, Spain, Italy and France
Project Description:	The project includes RDI on glass processing and glass products for the period 2017-2020 and the cold repair investment programme up to 2019

Summary of Environmental and Social Assessment at Completion

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

No significant environment or social issues were noted.

The RDI activities and the cold repair investment programme have been implemented with no major issues on the environment. The RDI project has supported the promoter in developing several innovative products with lower environmental impact, increased safety and with increased functionalities, among others. The promoter dedicates 50% of the R&D budget to sustainable products, solutions and manufacturing. The cold repair programme has resulted in a reduction in specific energy consumption and CO₂ emissions of the production facilities.

Glass manufacturing plants fall under Annex II of the EIA Directive 2011/92/EU, amended by Directive 2014/52/EU, thus requiring a formal EIA following respective screening-in by the Competent Authorities. The cold repair components of the project were screened-out because of their location on existing glass manufacturing sites, and no additional expected environmental impact due to implementation of improved energy efficient and low NO_x melting technology.

The promoter has developed a holistic approach to fully assess its environmental footprint based on three pillars:

- a. the Life Cycle Analysis in order to quantify the environmental impact of products or functional units;
- b. the calculation of the carbon footprint, every three years, in order to define the performance related to the greenhouse gas emissions caused by its activity and the savings made thanks to the performance of the products. The latest calculation shows that for each tonne of CO₂ emitted by AGC, nearly eight tonnes are avoided thanks to the use of its products;
- c. Cradle to Cradle Certified programme for products that gives the direction for a sustainable product design.

Summary opinion of Environmental and Social aspects at completion:

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