

## Environmental and Social Data Sheet

### Overview

Project Name: *Vetri Speciali Plants Innovation*  
Project Number: *2016-0333*  
Country: *Italy*  
Project Description: The project comprises the reindustrialization of an existing production unit and its conversion into a glass production plant as well as investments in plant innovation

EIA required: yes – for one of the components

Project included in Carbon Footprint Exercise<sup>1</sup>: no

(details for projects included are provided in section: “EIB Carbon Footprint Exercise”)

### Environmental and Social Assessment

#### Environmental Assessment

The project concerns the promoter’s investments in the production of specialty hollow glass containers and includes:

- the construction of a new plant in Gardolo (Trento, Italy) with a nominal capacity of up to 69,000 tonnes per year, by rehabilitating an inoperative industrial site, previously dedicated to white goods production;
- the complete rebuild of the existing facility located in Ormelle (Treviso, Italy), with a nominal capacity of 64,000 tonnes per year, and;
- a newly built training centre to retrain part of the ex-employees of the former industrial site.

This new glass manufacturing plant will be equipped with state-of-the-art machinery to produce high quality glass for specialty applications (ultra-flint – no bubble products). It will be the first green field container glass manufacturing plant fully in line with Best Available Techniques (BAT), as defined under the Industrial Emission Directive 2010/75/EU adopted for the glass manufacturing sector in March 2012.

Glass manufacturing plants fall under Annex II of the Directive 2011/92/EU as amended, thus requiring a formal EIA following respective screening-in of the Competent Authorities. For the new plant in Gardolo the Italian Competent Authorities have requested a full EIA. The Ormelle rebuilt was screened-out because of the location on an existing glass manufacturing site, and only minor increase in expected environmental impact due to the slight increase in capacity (13% increase, but with improved energy efficient and low NOx melting technology).

The project is expected to have the following environmental and social consequences:

- reduction of the specific carbon footprint of the glass production due to improved energy efficiency – overall 8% improvement;
- medium residual and global impacts (mainly air), with all emissions kept well below allowed EU and national emission limits by the use of BAT (dust filters, flue gas recirculation and low NOx burners) and implementation on an existing industrial sites, remote from residential and protected areas.

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<sup>1</sup> 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 CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.

- Re-employment of at least 110 ex-employees of the former industrial site, and continued safeguarding of employment by the company for the long term future.

### **Public Consultation and Stakeholder Engagement**

On August 31st 2015 the EIA procedure was launched: the EIA report was discussed in the relevant municipal committees, and the public was consulted. On November 13th 2015, the company received the confirmation from the Provincial Government, including the environmental permits (AIA permit – integrated environmental permit in accordance with Directive 2010/75/EU).

All steps were carried out on schedule, including the information evening with the population held in Gardolo October 1 2015, and the Provincial Government on 20 November ratifying the positive opinion of the services, and thus concluding the authorisation process.

### **Conclusions and Recommendations**

The proposed new plant and rebuilt of the existing plant are in full compliance with Best Available Techniques. Both the construction and operation of the project will not result in any adverse environmental effects or cause any negative impact on protected areas, Natura 2000 areas, cultural objects or human life and health, but contribute to improving the specialty glass environmental footprint. Additionally, the project contributes to the re-employment and retraining of part of the work force of the former industrial site.

Considering the above, the project is acceptable for Bank financing.