

## Environmental and Social Data Sheet

### Overview

Project Name: Energy and Environmental Sustainability Project  
Project Number: 2017-0480  
Country: Portugal  
Project Description: The proposed operation will be an investment loan up to EUR 110m that will allow the promotor to implement a sustainability project in supermarkets. The project will target the following areas: i) Energy, ii) Water, iii) Food waste reduction and recovery, and iv) environmental performance.

EIA required: no

Project included in Carbon Footprint Exercise<sup>1</sup>: yes

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

### Environmental and Social Assessment

#### Environmental Assessment

Given the scale, location and nature of the sub-projects in built-up urban areas, an EIA as defined under the EIA Directive 2014/52/EU amending 2011/92/EU as well as according to national EIA legislation (transposed from EU directive) is not required. The projects should comply with urban regulations and the works are subject to building permits being issued by the local authorities. The underlying projects do not require an EIA as there is no or negligible negative environmental impact since they are related to: i) energy management, ii) energy efficiency, iii) renewable energy, iv) electric vehicles charging points, v) water management, vi) waste management and vii) environmental protection. The environmental benefits of these energy efficiency investments can produce energy savings of around 10%. Due to the nature of the investment, no significant negative environmental impacts are expected.

Replacement of the old refrigeration equipment should take place in line with national legislation regarding removal and disposal of fluorinated refrigeration gases.

---

<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.

Luxembourg, 09.10.2018

### **EIB Carbon Footprint Exercise**

- Average emissions savings are estimated to be around 28 kt of CO<sub>2</sub> equivalent per year in line with EIB Carbon Footprint Methodology. For this purpose, was considered the energy consumption of the supermarkets provided by the promoter (339 GWh/y) and the average energy savings/production estimated by the promoter (respectively 34.5GWh/y and 25.6GWh/y).
- For the annual accounting purposes of the EIB Carbon Footprint, the project emissions will be prorated according to the EIB lending amount signed in that year, as a proportion of project cost.

### **Social Assessment, where applicable**

The project is not expected to produce any negative social impacts, and it is estimated that it can contribute to gains in energy efficiency and associated decrease in energy costs as well as improved comfort.

### **Conclusions and Recommendations**

In view of the above findings, the operation is deemed satisfactory from an environmental and social compliance perspective. Considering the type and size of the project the capacity of the promoter is deemed sufficient.

The current project is not expected to produce any negative environmental or social impact, and is expected to contribute to a significant reduction in energy consumption and greenhouse gas emissions.