Luxembourg, 10th September 2019

Environmental and Social Data Sheet

Overview

Project Name:	EV CHARGING ITALY
Project Number:	2019-0230
Country:	*Italy*

Project Description:

The project concerns the development of electric vehicle charging (EVC) infrastructure in Italy and will involve the installation of approximatively 6,850 charging stations and the associated connections to the distribution network over the period from 2019 to 2023. The charging infrastructure will consist of AC and DC charging stations (>22 kW).

EIA required:	no
Project included in Carbon Footprint Exercise[1]:	yes

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

Environmental and Social Assessment

Environmental Assessment

The project concerns the development and installation of electric vehicles ("EV") charging stations, mostly located on publicly accessible sites.

The installation work consists of short connections to the distribution grid networks and the respective charging stations. They are expected to have limited environmental impact, which will typically be related to noise nuisance and disturbance during construction. After completion, no environmental impact is expected from the ordinary operation of the stations.

EV infrastructure in itself is not subject to environmental impact assessment processes under either Annex I or Annex II of the EIA Directive. However, the construction of green field parking locations where the EV infrastructure is installed and/or connections to the grid may be screened in under Annex II. The Bank will require in those cases to be informed.

The project is expected to have a very positive effect on the environment. The project will power EVs with no emissions of pollutants (e.g. NOx, particle matters) and hence will contribute to meet air quality standards as set out by the European Union (EU) and the World Health Organization (WHO). The project will also contribute to reduce road transport noise pollution in Europe, as EVs are also much quieter than conventional vehicles.

Finally, the project will have a significant impact on CO2 emissions reduction as the electricity used through the EV infrastructure will power electric and hybrid vehicles, which are more fuel efficient, compared to conventional vehicles.

[1] 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 CO2e/year absolute (gross) or 20 000 tons CO2e/year relative (net) – both increases and savings.

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EIB Carbon Footprint Exercise

The Project is expected to result in indirect CO2 equivalent (CO2 e) emission savings of approximately 119 ktCO2e per year from year 2024. The emission savings result from the replacement of conventional cars operating on fossil fuels with electric cars powered by less carbon intensive electricity. 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.

Other Environmental and Social Aspects

The Promoter has experience in developing infrastructure under conditions similar to the conditions of the project. The Promoter is in the process of implementing an integrated environmental, health and safety management system with the objective to obtain ISO 14001 certification.

Conclusions and Recommendations

The project will contribute to significantly reducing emission of pollutants, CO2 and noise. The support to the uptake of electro-mobility through improved access to charging infrastructure is aligned with the EC Strategy for Low-Emission Mobility and promoted by EU policy on Climate Change and EU emissions reduction objectives in the transport sector.

The Bank reviewed the environmental and social capacity of the Promoter including its organisation, processes and procedures, and deemed them to be good. Based on the information available, the project is expected to be acceptable for Bank financing from an environmental and social perspective.

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