

Environmental and Social Data Sheet

Overview

Project Name:	IREN ELECTRICITY DISTRIBUTION NETWORKS
Project Number:	2016-0798
Country:	Italy
Project Description:	The investment programme comprises schemes for the development of the electricity distribution network of the promoter in Turin and Parma, Italy and surrounding areas, during the period 2017–2021. The promoter has a concession for electricity distribution in the cities of Parma and Turin where it serves approximately 686,000 end users. The investment programme focuses on the construction of new distribution assets as well as the refurbishment and upgrade of existing assets.

EIA required: no

Project included in Carbon Footprint Exercise¹: no

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

Environmental and Social Assessment

The programme includes:

- The construction in the city of Turin of two new high voltage to medium voltage substations (Arbarello 220/22 kV, Bramante 220/22 kV) and the expansion/refurbishment of further four substations (Sud 220/22 kV, Stura 130/22 kV, Martinetto 220/22 kV, Levanna 220/22 kV).
- The installation of medium voltage and low voltage underground cables and the refurbishment of medium voltage and low voltage assets including transformers and other substation equipment.
- The replacement of approx. 100,000 first generation advanced meters with second generation ones.

Environmental Assessment

None of the programme schemes will require an EIA. Indeed the characteristics of the schemes under the scope of the programme are such that they are listed neither under Annex I nor Annex II of the EIA Directive and they do not meet the minimum thresholds for EIA screening set out in the Italian legislation.

Environmental analyses, e.g. landscape, architectural and archaeological assessment as appropriate, as well as consultation of the public have been/shall be carried out for some schemes in the context of the permitting process.

Overall, the environmental impacts of the programme are expected to be minor and related mainly to noise, vibration, dust, and traffic disruption during the construction, and electromagnetic fields (EMF) and nuisance during operation. Appropriate mitigation measures will be implemented to minimise impacts during construction and operation. Particular

¹ Only projects that meet the scope, 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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attention will be paid to contain the effect of noise, vibrations and traffic disruption during the construction works. Typical mitigation measures include special construction procedures to minimize damages, construction of facilities to contain oil leaking from transformers, special waste collection procedures and other. Excavation works will be carried out under the supervision of the competent authorities for antiquities.

Appropriate procedures will be established to streamline the disposal process of the replaced meters and reduce the environmental impact of the waste disposal.

By virtue of the prevailing urban locations of the investments, it is not expected that the programme would adversely affect the integrity of any European site on view of the site's conservation objectives.

Other Environmental and Social Aspects

The promoter is experienced. The environmental management system of the promoter is compliant with ISO 14001 and is integrated with the quality and safety management systems.

Conclusions and Recommendations

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 programme is expected to be acceptable for Bank financing from an environmental and social perspective.