

## Environmental and Social Data Sheet

### Overview

Project Name: HYBRID FINANCING FOR POWER NETWORK MODERNISATION  
Project Number: 2016-0169  
Country: Spain  
Project Description: *Financing for the development and modernisation of electricity network infrastructure throughout Spain during the 2016-2018 period.*

EIA required: no

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

The project is a typical electricity distribution expansion modernisation project. The project comprises the construction or replacement of power lines with voltage levels up to 132 kV, the development or modernisation of electricity distribution facilities, including substations and transformers, as well as automation, communication or advanced metering equipment.

#### Environmental Assessment

The project concerns electricity distribution schemes, including power lines with voltage levels up to 132 kV, some of which will usually fall under Annex II of the EIA Directive (2011/92/EU) which requires the competent national authority to determine the need for an Environmental Impact Assessment. Given their characteristics, location and potential impacts, and considering the criteria established under the national EIA legislation, none of the Annex II schemes are expected to require a full EIA.

No major environmental or social impacts were identified that could not be adequately mitigated. During construction, the environmental impacts are expected to relate to dust, noise, vibration, traffic disruption and vegetation clearance. Environmental impact during operation will concern electromagnetic fields (EMF), noise disturbance and impact on flying vertebrates. For the advanced metering component, the main potential impact on the environment is from the disposal of the old meters being substituted by this project. When relevant, appropriate mitigation measures will be implemented to minimise impacts. This includes measures to contain the effect of noise during operation, specific maintenance procedures to minimise potential leakage of SF<sub>6</sub> and coordination with local authorities and property owners. In densely populated areas, particular attention will be paid to contain the effect of noise, vibration and traffic disruption during construction works. Regarding the schemes relating to works in substations, contamination from oil leakage of transformers is mitigated through the appropriate design of bunds.

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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.

## **Other Environmental and Social Aspects**

The promoter is certified to meet ISO 9001, 14001 and OHSAS 18001. The promoter has developed an environmental management plan and has established an action plan to follow up its implementation.

## **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 Project is expected to have minor negative residual impacts and thus is acceptable for Bank financing from an environmental and social perspective.

The Promoter undertakes not to allocate the Bank's funds to any components that require a full Environmental Impact Assessment (EIA) until the EIA with the integrated biodiversity assessment has been finalised, approved by the competent authority and sent for review to the satisfaction of the Bank.

The Promoter shall store and keep updated any documents as may be relevant for the Project supporting the compliance with the provisions of the EU EIA, Habitats and Birds Directives and shall upon request promptly deliver such documents to the Bank.