

## Environmental and Social Data Sheet

### Overview

Project Name: *ALLIANDER ELECTRICITY NETWORK*  
Project Number: *2016-0052*  
Country: *Netherlands*  
Project Description: *Investment programme to develop and modernise electricity distribution infrastructure in the Netherlands during the period 2017-2018.*

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 investment programme. The programme comprises the construction or replacement of underground cables with voltage levels up to 50 kV, the development or modernisation of electricity distribution facilities, including substations and transformers, as well as automation and communication equipment.

#### Environmental Assessment

Underground electricity networks do not fall under Annex I or II of the EIA Directive (2011/92/EU) and therefore none of the programme schemes are expected to require an Environmental Impact Assessment as per Directive 2011/92/EU.

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) and noise disturbance. When relevant, appropriate mitigation measures will be implemented to minimise impacts. This includes measures to contain the effect of noise during operation and coordination with local authorities, property owners, and residents. 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.

The programme by itself is not expected to emit significant amount of CO<sub>2</sub>. Absolute and relative emissions of the programme are expected to be below the thresholds of the Carbon Footprint exercises.

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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.

Luxembourg, <31. 03. 2017>

### **Other Environmental and Social Aspects**

The promoter has developed an environmental management plan and has established an action plan to follow up its implementation.

The programme includes components and works aimed at increasing the resilience of the network to the risk of flooding, where the promoter has to move assets to higher and drier locations (this represents ca. 1% of the programme and is marked as Climate Action – Adaptation).

### **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 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 document that may be relevant for the programme 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.