



Luxembourg, 26.10.2022

Environmental and Social Data Sheet

Overview

Project Name:	<i>ELLEVIO DISTRIBUTION NETWORK INVESTMENTS II</i>
Project Number:	2021-0524
Country:	Sweden
Project Description:	<i>The operation is a multi-scheme investment project for electricity distribution grid infrastructure in the Greater Stockholm area in Sweden, covering the period 2021-2027.</i>
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

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

Environmental and Social Assessment

The project comprises two schemes: (a) a new 220/110 kV indoor substation (Gas Insulated Switchgear –GIS) replacing the existing outdoor Värtan substation, including the re-routing of two 220 kV underground cables with an approx. length of 240m, and (b) extension and upgrading of the existing 220/110 kV Skanstull substation. All investment schemes will take place in the city of Stockholm.

Environmental Assessment

The project schemes, except for the short cable re-routing associated with the Värtan substation, do not fall under either Annex I or Annex II of the EIA directive and according to the national legislation were not subject to an EIA screening. The new HV/MV indoor substation in Värtan requires the re-routing of two 220 kV underground cables (240m) which according to national legislation are subject to an EIA process. In light of their limited environmental impacts, the two cables in question were screened out for the need of a full EIA by a decision of the competent authority Länsstyrelsen dated 15.10.2020.

A light environmental impact report describing the significant environmental effects the re-routing of the two underground cables are likely to give was however required in the context of the permitting process and has been carried out. The two underground cables are almost exclusively proposed to run on existing roads adjacent to other existing underground infrastructure, the additional impact is deemed to be very limited. The proposed route concerns an area which is already heavily influenced by urban development and, by means of a well-chosen location and planned mitigations measures, it is considered that the impact on public interests can be minimised. The line is assessed in accordance with the authorities' precautionary principle and recommendations concerning electromagnetic fields around power

¹ Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO₂e/year absolute (gross) or 20,000 tonnes CO₂e/year relative (net) – both increases and savings.



Luxembourg, 26.10.2022

lines. Overall, the greatest impact is considered to occur during the construction phase and thus for a limited period of time.

Temporary and local impact are expected to arise from the construction work in the form of emissions/dust from vehicles. During the construction works, some diversion of traffic is required. Overall, the additional impact of the rerouting of the underground cables is estimated to be low. The planned activity is not deemed to have significant effects on the environment and population.

None of the project schemes are located in or in the proximity of a Natura 2000 site.

The project scheme in Värtan is located inside the city district "Norra Djurgårdsstaden". The area is part of a venture Stockholm city has started for sustainable urban development. Besides imposing normal environmental requirements the area has its own sustainability programme that all developers in the area must follow. In regards to this, the promoter has an approved programme specific for the Värtan project. This programme includes requirements regarding among other things Biotope Area Factor (BAF), handling of surface water according to city requirements and criteria for the selection of sustainable building materials as well as waste management.

The competent authorities have issued all the necessary permits for the project and the construction works have commenced. For Skanstull, however the promoter is in the process of amending the land agreement with Stockholm City, and has submitted the application for building permit to the Stockholm City planning office.

Physical climate change risks relevant to the area of installation of the project schemes, i.e. mainly extreme rainfall events, flooding, snow loading and storms and high winds, are mitigated in the design stage, by adapting -as necessary- the design of the substation. Furthermore, the Värtan substation will be indoors which provides better protection against its environmental surroundings.

The project will have indirect positive impact, as it will contribute increased electrification of the city of Stockholm. The project has been assessed for its Paris alignment and is considered to be aligned both against low carbon resilience goals in line with the EU Taxonomy Regulation and with the EIB Energy Lending Policy. The project is expected to generate indirect positive environmental impacts by enabling an increase in electrification, thus supporting national and EU decarbonisation goals.

Public Consultation and Stakeholder Engagement

Several public consultation events have been carried out for the two substations as part of the permitting process. Public consultation for the re-routing of the cable lines was held in Q3 2020. Third parties have sent in comments to the concession application. An example of these parties are other infrastructure owners with installations close to the cable route. The route for the cables is determined to minimize conflict with other infrastructure owners. Overall the projects schemes have been well accepted.

Other Environmental and Social Aspects

The promoter is experienced in conducting works of this nature, with an in-house team responsible for environmental and social aspects of projects. The promoter has a sustainability policy encompassing economic, social and environmental responsibility. The policy commits to



Luxembourg, 26.10.2022

engage with stakeholders (e.g. via public consultations) to continuously improve the performance, to prevent injuries, ill health, pollution, and other incidents.

The promoter has a central sustainability department, responsible for overall steering and support regarding environment, health, labour safety and electricity safety. The promoter maintains an integrated environmental, health and safety (EHS) management system, which has been certified under ISO 14001:2015 (last re-certification in 2021). For each investment scheme a staff member is assigned as responsible for EHS issues. For each scheme an EHS Plan is a mandatory key document, prepared by the project manager, describing the works, the risks and the responsibilities.

Based on the aforementioned elements and based on previous operations financed by the EIB, the environmental and social capacity of the promoter is deemed good.

Conclusions and Recommendations

Based on the information available, the project is acceptable in environmental and social terms for the Bank's financing.