



Luxembourg, 12/12/2025

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	FINGRID TRANSMISSION UPGRADE
Project Number:	2018-0550
Country:	Finland
Project Description:	Investment in upgrading of the Finnish electricity transmission grid.

Summary of Environmental and Social Assessment at Completion

EIB notes the following Environmental and Social performance and key outcomes at Project Completion.

The Project comprises seven subprojects (two schemes related to transmission lines, four to substations, and one information system) which were implemented over the period 2018-2022.

- One of the subprojects, the so-called *Forest line* (a 310 km 400 kV overhead transmission line from Pyhaselkä to Petäjävesi), fall under Annex I of the EIA Directive 2011/92/EU as amended by 2014/52/EU, therefore had to undergo a mandatory EIA process. The EIA study was carried out in 2012. The process also included an Appropriate Assessment under the Habitats Directive (Directive 92/43/EEC) and the Birds Directive (Directive 2009/147/EC). The environmental permit was given in November 2012, after which the detailed planning could start. Then the Finnish Energy Authority issued the project permit (proceedings on the line's necessity) on March 28, 2018. The construction works and the commissioning of the line were completed in September 2021.
- The other transmission line subproject is a refurbishment of an old 130 km long 110 kV overhead line, from Imatra to Huutokoski, screened out from a full EIA process by the Competent Authority. An Appropriate Assessment under the Habitats Directive (Directive 92/43/EEC) and the Birds Directive (Directive 2009/147/EC) was undertaken, as the existing line route passes Natura 2000 sites, and approved. The screening process was reviewed by the Bank at appraisal, and found to be in line with the EIA directive. An environmental study for the project, in accordance with the Finnish Electricity Market Act, was prepared in 2018 as a basis for the project's planning. In May 2018, the Finnish Energy Authority decided that no project permit (proceedings on the line's necessity) was needed. The construction works and the commissioning of the line were completed in December 2022.
- The other subprojects, being renewal or refurbishment of existing substations and an information system, fall neither under Annex I nor Annex II of the EIA Directive, but environmental studies and screening were undertaken as per requirements of national legislation, confirming that the subprojects have limited environmental consequences. The construction works were completed and all the subprojects entered into operation between August 2019 and December 2022.

All the subprojects have obtained the necessary authorizations for building and operation by the competent authorities.

For some subprojects, expropriation of land has taken place within the legal framework without evictions. All compensations have been agreed with the landowners without legal disputes. The



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Promoter have incurred costs after commissioning of the relevant components, due to lands' redemption expenses which were settled upon completion of the expropriation procedure.

No significant environmental or social issues, nor any ongoing legal actions related to the Project were reported by the Promoter.

Regarding the Project carbon footprint, at completion the absolute emissions due to the electricity losses of the new and refurbished network equipment being installed are estimated at 3.8 kt CO₂e per year (approx. 45% lower than the absolute emissions estimated at appraisal ¹), which falls below the Bank's methodology thresholds. These absolute emissions are offset by the reduction of CO₂ emissions enabled by the Project. Therefore, at completion, the Project is expected to enable a saving of circa -11.4 kt of CO₂e/year.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion, based on reports from the Promoter, that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.

¹ Mainly due to the update of the relevant emission factor in the last version of the EIB Carbon Footprint Methodologies (version 11.3 of January 2023).