



European Investment Bank (EIB)

Luxembourg, 17.12.2021

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	<i>PORI ENERGIA BIOMASS POWER PLANT</i>
Project Number:	<i>2017-0777</i>
Country:	<i>FINLAND</i>
Project Description:	<i>The project is a Combined Heat and Power (CHP) biomass-fired plant of capacity 15 MWe (electric) and 80 MWth (heat and steam) to replace an existing plant with higher emissions. It is located in western Finland in the middle of the city of Pori in the industrial area of Aittaluoto.</i>

Summary of Environmental and Social Assessment at Completion

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

With a thermal capacity of less than 300 MW, the project falls under Annex II of the EIA Directive (2014/52/EU amending Directive 2011/92/EU) leaving it to the competent authority to determine if an EIA is to be conducted. This project was screened out as a replacement investment within an industrial site. Nonetheless, a lighter environmental study has been conducted, an assessment of soil and groundwater conditions.

The project has been implemented in line the environmental study, environmental permit and subsequent conditions on dust and increased traffic during the construction of the plant, and waste generation (ash), increased traffic, noise, airborne pollutants and discharge of water during its operation. The project is designed to meet the atmospheric emission limits for NO_x, SO_x, particulates and other pollutants defined by the Directive 2010/75/EU on Industrial Emissions.

The plant is designed to meet the requirements of the Commission's Implementing Decision (EU) 2017/1442 establishing best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for large combustion plants. The emissions levels in line with BAT is also conditions in the environmental permit.

The Project is designed as a multi-fuel power plant running on biomass, peat and Solid Recovered Fuels (SRF). The promoter's base assumption was use biomass to at least 80% of the fuel input with peat providing 20% of the fuel. However, the promoter has planned to phase out the use of peat by 2024. SRF, for the time being, remains an option as the promoter has not yet foreseen to make the additional investment in fuel reception and handling required.

The annual biomass consumption in the plant will grow to about 300,000 tons. The feedstock will to a large extent be sourced as sawdust and bark from an on-site sawmill and another sawmill in the vicinity of the plant. This will be complemented by forest residue from within 100 km of the plant. Over 95% of Finnish forests are certified under Programme for the Endorsement of Forest Certification (PEFC) schemes. The sawmills are operated by Finnish



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forestry companies that are certified for forests under management, as well as for harvesting, buying/selling and transporting timber.

In addition, in accordance with the EU Timber Regulation, the promoter has implemented a Due Diligence System to guarantee that wood and products made from wood have a legal provenience.

The Bank's finance contract includes undertakings on sustainable biomass sourcing that will remain place, and all information to date indicates the promoter's compliance with these.

Summary opinion of Environmental and Social aspects at completion:

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