



Luxembourg, 31 January 2025

## Environmental and Social Completion Sheet (ESCS)<sup>1</sup>

### Overview

Project Name:	OPOLE HEATING AND ENERGY EFFICIENCY UPGRADE
Project Number:	2017-0866
Country:	Poland
Project Description:	Modernization of district heating systems in Opole and several other municipalities served by Group ECO, including the installation of Combined Heat and Power (CHP) gas engines and general upgrade of generation units and networks.

### Summary of Environmental and Social Assessment at Completion

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

The investment programme consisted of two main components:

1. Construction and modernisation of natural gas fuelled small CHP engines in 7 locations in Poland. The cumulated nominal capacity of the plants at project completion was 40.3 MW<sub>e</sub> and 37.6 MW<sub>t</sub>. The heat generated in CHP units replaced the heat generated based on coal (276 268 MWh) and electricity (277 118 MWh) covers local needs and is supplied to electricity networks.
2. Modernisation and extension of District Heating (DH) networks in several towns in Poland including modernisation of DH substations, pipelines replacement, and connections of new customers. The reported cumulated results of the component are as follows:
  - modernised and extended DH networks – 34.2 km,
  - new DH networks – 29.5 km,
  - new substations – 685 units,
  - increase of heat generation capacity demand – 69 MWt

The investment results also in a significant decrease of CO<sub>2</sub> emission – around of 59 541 tonnes per year).

The investments in heat generation and distribution infrastructure fall within the Annex II of the EIA Directive 2011/92/EC amended by Directive 2014/52/EU thus requiring a determination (screening) by the competent authorities. The investments under the first component were deemed by competent authorities to have no significant environmental impact and were screened out from the requirement for a full EIA.

Majority of investments implemented under the second components - grid modernisation and expansion did not require EIA screening decisions as DH pipelines connections to the buildings are not projects that may have a significant or potentially significant impact on the environment. For other 46 investments the copies of screening out decisions of competent authorities have provided.

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<sup>1</sup> The template is for ILs and FLs



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No significant environmental or social issues were noted by the promoter during the programme implementation.

**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.