



Luxembourg, 18/12/2025

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	ENGIE SOLUTIONS DHC NETWORKS
Project Number:	2019-0725
Country:	FRANCE
Project Description:	The Project consists of the extension and rehabilitation of the district heating and cooling networks and new heat/cooling generation facilities in various cities in France.

Summary of Environmental and Social Assessment at Completion

The Project consisted of the rehabilitation, extension and development of district heating and cooling networks and heat generation facilities. The Project included sustainable biomass boilers, geothermal plants and the refurbishment of heat distribution pipes, as well as the extension of pipeline networks to new customers and new areas/cities. No fossil fuel related components (gas boilers) were included in the scope.

All of the networks are considered to be in line with Energy Efficiency Directive 2012/27/EU as amended by (EU)2018/2002. The generation components represent ca. 23% of the total Project cost, heating networks 75% and the remaining 2% are dedicated to the extension of the cooling network in Paris.

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

The investments generate environmental benefits by reducing emissions of Green House Gas from heat generation in the buildings to be connected to the District Heating networks, as well as from the improved efficiency of the infrastructures to be refurbished.

As combustion of biomass could be a source of emission of air pollutants, the Promoter implemented measures to reduce emissions, especially of particulate matter (PM). Such measures applied to boilers in particular in urban areas with intensive road transport, high population density and/or complex climatic and geographical conditions.

All project components should, by virtue of their technical characteristics, fall under Annex II of the EIA Directive 2014/52/EU amending 2011/92/EU. However, given the relatively small scale of each individual operation and expected locations in urban areas, the project components are not likely to have a significant negative environmental impact, and therefore few of them require such provisions. Under French law, the regulation for the network is covered by local road permitting, and for the generation by a regime of declaration or authorisation, ICPE ("Installation Classée pour la Protection de l'Environnement"), depending on the capacity. In that framework, the geothermal heat generation components fall under Annex II and have received the respective permits (Bordeaux, 15 May 2019, Champs sur Marne, 26 July 2019, and Velizy, 5 August 2020).

The biomass supplied to the Project complies with biomass sustainability criteria as recommended by ADEME and defined in Directive 2018/2001/EC, and also as according to international forest certification / chain of custody standards (such as FSC or PEFC).



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Social Assessment

The Project has created 81 permanent jobs in operations, as well as in the regional forestry sectors from which the biomass originates.

Unfortunately, a fatal accident happened in a biomass boiler in Aix-en-Provence during a maintenance intervention. The accident has been duly investigated by the French competent authorities.

Public Consultation and Stakeholder Engagement

Public consultations have been carried out under the respective EIA processes, no significant or social issues were noted and the project was implemented according to EIB standards.

Summary opinion of Environmental and Social aspects at completion:

The 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.