

## PIACENZA DISTRICT HEATING NETWORK, CONNECTION AND PUMPING STATION AT WTE

### CATEGORY

Renewable energy (Energy network development)

### LOCATION



### DESCRIPTION

The project consists of laying the pipes of the heat distribution network and creating heat exchange stations for users to increase the volume connected to the district heating service in the city of Piacenza.

The project also provides for the connection of the town district heating network with the waste-to-energy plant in order to use the heat produced by the combustion of waste and simultaneously allow the increase in volume connected to the district heating of about 1,000,000 m<sup>3</sup>.

Finally, the project involves the construction of the pumping station of the district heating network at the waste-to-energy plant.



### AMOUNT

Full project amount (€ millions)	Financed amount (€ millions)
12.5	5.7

### ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Avoided CO <sub>2</sub> emissions from fossil sources per operating year	t	2,384	2,506	2,104	2,504	2,738	5,617	1,874	2,080	2,037	5,002	5,122
Distributed thermal energy per operating year	MWh	32,706	34,389	28,873	34,361	37,568	47,019	43,619	43,016	44,807	68,632	70,276