

12. DISTRICT HEATING NETWORKS DEVELOPMENT IN REGGIO EMILIA

CATEGORY

Renewable energy (Energy Network Development)

LOCATION



DESCRIPTION

The project consists in laying the pipes of the heat distribution network and in the creation of heat exchange stations for the users to increase the volume connected to the service.

The estimated increase in volume connected to district heating in the period 2012-2021 for the city of Reggio Emilia is 1 Mm³ between 31/12/2011 (about 12,670,000 m³) and 31/12/2021 (about 13,723,465 m³).

AMOUNT

Full project amount at 31.12.2017 (€ millions)	Financeable amount (€ millions)	Financed amount (€ millions)
6.8	6.8	6.8



ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Primary energy saving per operating year	MWh	91,780	92,595	93,365	93,883	94,065	120,327	114,281	96,191	96,758	98,175	98,175
Avoided CO ₂ emissions from fossil sources per operating year	t	33,289	33,585	33,864	34,052	34,118	47,097	47,464	34,889	35,095	35,609	35,609
Distributed thermal energy per operating year	MWh	456,566	285,767	384,325	409,932	402,057	407,335	413,484	411,144	413,567	419,625	419,625