

7. HEAT EXCHANGE AND PUMPING SUBSTATION IN LUCENTO

CATEGORY

Energy efficiency (Energy Distribution & Management)

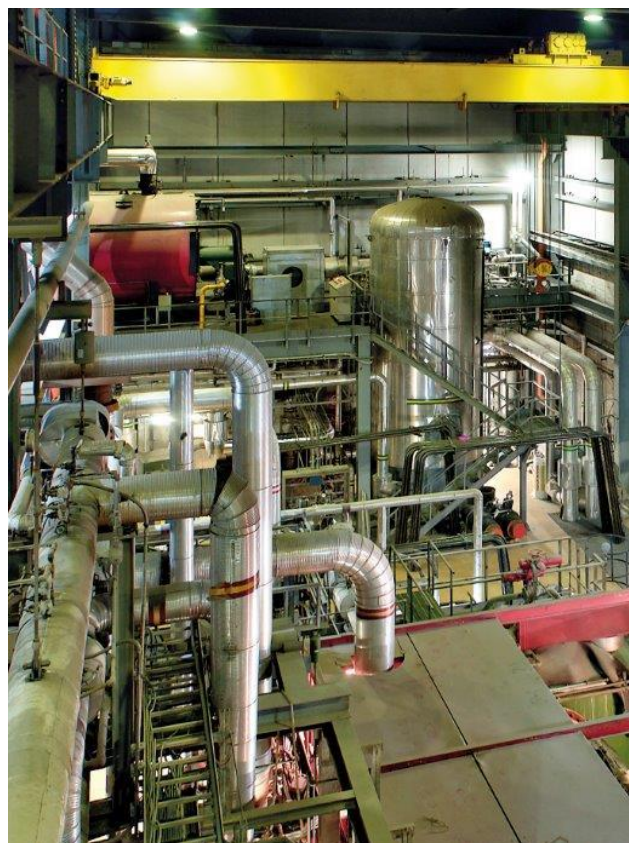
LOCATION



DESCRIPTION

Substation of heat exchange and pumping of the district heating network, called "Lucento", located in the homonymous district of Turin to feed the current 90° C network. The project consists in the construction of a new heat exchange and pumping substation and the installation of a photovoltaic system with a nominal power of 14 kWp connected to the site's electrical system.

The new configuration of the district heating network of the Vallette district will allow, in particular, to save primary sources and reduce greenhouse gas emissions, thanks also to the contribution of electricity (photovoltaic) produced from renewable sources



AMOUNT

Full project amount at 31.12.2017 (€ millions)	Financeable amount (€ millions)	Financed amount (€ millions)
0.1	0.1	-

ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2017	2018	2019	2020	2021	2022
Electricity produced from renewable non-fossil sources per operating year	MWh			18.3	18.3	18.3	18.3
Avoided CO ₂ emissions from fossil sources per operating year	t			9.37	9.37	9.37	9.37