

REPLACEMENT OF GAS DISTRIBUTION NETWORKS

CATEGORY

Energy efficiency (Energy distribution and management)

- Improve the quality and continuity of the service, as required by ARERA [the Italian Regulatory Authority for Electricity Gas and Water];
- Improve the safety of the grid.

LOCATION



AMOUNT

Full project amount (€ millions)	Financed amount (€ millions)
284.3	58.7 (GB4) 100.7 (GB3)

DESCRIPTION

Network maintenance and replacement: it is a continuous project developed by IRETI that consists in replacing and doing systematic maintenance of the gas distribution network's lines in order to improve the qualitative and technical levels of the network structure. Through the project it will be possible to:

- Renew network assets that finish their useful operating life or are inadequate compared with the required level of operation;
- Rationalise the layout and structure of existing networks;
- Resolve the critical issues present in the gas distribution network;
- Reduce the gas losses in the network and by consequence:
 - ✓ Avoid CO2 emissions;
 - ✓ Diminish the number of vehicles used for operative activities (such as P.I.);
 - ✓ Mitigate the excavations made in order to repair the distribution pipeline.



ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Average network leaks (underground network measured with planned inspection)		1,050	990	886	776	715	665	620	590	552	514	289	≤ 530	