



Luxembourg, 16/12/2024

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	ITALGAS NETWORK UPGRADE
Project Number:	20170690
Country:	Italy
Project Description:	The project is part of the Promoter's on-going investment programme to upgrade and extend its gas distribution networks. The project includes (i) pipeline replacements (ii) extension of the networks with the associated connections and metering (iii) installation of smart meters and (iv) other supplementary investments to optimize and to increase the efficiency of network management

Summary of Environmental and Social Assessment at Completion

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

1. Overall Environment and social performance

The Programme was implemented throughout the Promoter's distribution networks, which, covers multiple regions all over Italy.

Based on the technical characteristics, location and potential impacts of the investments and considering the criteria established under the national legislation no Environmental Impact Assessment (EIA) studies or Appropriate Assessments in relation to Natura2000 sites were required by the Competent Authorities for the programme components.

The Promoter maintained ISO 14001 and ISO 50001 certifications throughout implementation. All waste management procedures, particularly for disposed meters, were properly executed through certified contractors

2. Key environmental outcomes

GHG Emissions Performance:

- Scope 1 and 2 emissions: minor reductions observed for the first year of operation with a decrease of approximately 2% per year from 2019 to 2021.
- Fugitive emissions: variations with overall reductions by 2021, reflecting a net improvement of around 4% compared to 2020.
- Gas leakage rate improved incrementally, reduced by 0.005% between 2019 and 2021.

The operation provided environmental benefits by reducing methane leaks and by allowing the substitution of more polluting fuel sources by gas.



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The Promoter's Sustainable Value Creation Plan targets 34% and 42% reduction in Scope 1 and 2 GHG emissions by 2028 and 2030 respectively (from 2020 baseline).

3. Implementation of Environmental & Social Management

The Promoter's effectively managed the environmental impacts following its HSEQE (Health and Safety, Environment, Quality and Energy) Policy and applying comprehensive environmental management system for new project assessment and ongoing monitoring.

Strong focus was ensured on protection of archaeological and urban heritage during implementation. For Programme components implemented in areas with significant archaeological and urban heritage, the promoter ensured proper reinstatement of excavated areas with minimum surface disturbance. In case of archaeological discoveries, the relevant authorities were involved.

The Promoter confirmed Suppliers' compliance with the Code of Ethics and environmental regulations was maintained during project implementation.

Two workplace accidents resulting in >30 days absence was reported during implementation. This incident rate appears relatively moderate considering the scale of the network upgrade project and typical industry safety statistics for large infrastructure implementations.

Summary opinion of Environmental and Social aspects at completion:

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. The project has demonstrated some environmental benefits through reduced emissions intensity and enhanced monitoring capabilities, while maintaining social and safety performance throughout implementation.