

## Environmental and Social Data Sheet

### Overview

Project Name: ITALGAS GAS SMART METERING  
Project Number: 2016-0055  
Country: Italy  
Project Description: 2017-2020 roll-out of gas smart meters in the Promoter's concession areas throughout Italy. The project is part of the Promoter's on-going investment programme in gas distribution networks and concerns the installation of ca. 4 million gas smart meters and the related IT and project management costs.

EIA required: no

Project included in Carbon Footprint Exercise<sup>1</sup>: no

### Environmental and Social Assessment

#### Environmental Assessment

The project comprises the installation of ca. 4 million gas smart meters in the gas distribution networks in geographically dispersed concession areas of the Promoter in Italy. Smart metering technology is expected to enable improvements in efficiency of network operation as well as in customer information and awareness and will allow for potential energy savings through demand management.

Given the characteristics, location and potential impacts of the project, and considering the criteria established under the EU and national EIA legislation, the project does not require an EIA. No works are planned to be carried out close or in a site of nature conservation importance.

As regards the telecommunications requirements; the meters will use point-to-point technology through the national GPRS (mobile telephone) network.

The project implementation will be undertaken using standard technologies by an experienced promoter. The typical impacts, which can occur during the project implementation, are temporary in nature, and are mitigated according to established practices in the sector. For the smart meters the main potential impact on the environment is from the disposal of the old meters being substituted by this project. Given the large numbers of meters being disposed of the waste management procedures are important. Appropriate procedures have been established and managed by the Promoter to streamline the disposal process of the meters and to reduce the environmental impact of the waste disposal.

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<sup>1</sup> Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.

Luxembourg, 15/11/2016

### **Other Environmental and Social Aspects**

The promoter has a well-established quality, health, safety and environmental (HSE) management system, and is ISO 9001 and ISO 14001 certified.

The project potentially may lead to reduction of gas consumption and thus CO2 eq. emissions. It is not included in the carbon footprint exercise given that those reductions are from potential future customer demand management rather than any technical aspect of the project itself.

### **Conclusions and Recommendations**

The project Promoter has the experience and the capacity to appropriately manage the project. Whilst the project is expected to facilitate efficient network operation and potential energy savings through demand management, in itself the project is not expected to have significant impact on CO2 emissions.

The project will be implemented in line with the relevant regulatory framework, the related national and EU standards and on this basis is acceptable in environmental terms for Bank financing.

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