

## Environmental and Social Data Sheet

### Overview

Project Name:	IREN SERVIZI IDRICI GENOVA AND PARMA Project
Number:	2011-0281
Country:	Italy
Project Description:	2014-2019 Investment program in water and wastewater infrastructure and facilities
EIA required:	yes

This is a programme made up of multiple schemes. Some of them might require an EIA.

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

### Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The Programme concerns IREN's 2014-2019 investment programme in water and wastewater infrastructure in the Province of Genova in the Liguria Region and the Province of Parma in the Emilia Romagna Region. The service area comprises a total population of 1.1 million inhabitants in 75 municipalities.

The project will improve compliance with environmental standards set by the Water Framework Directive 2000/60/EC and the Urban Waste Water Directive 91/271/EEC. It will also contribute to improving the quality, efficiency and security of water supply for its customers.

The Bank has already financed other projects with the IREN Group including the 2007-2012 water and sanitation investment programme of Enia (before it merged into IREN) which Enia has successfully implemented and demonstrated good environmental awareness and management.

The proposed operation is fully driven by environmental and customers' service and health considerations, making it acceptable for EIB financing. The investment programmes are in line with the Emilia Romagna and Liguria River Basin Management Plans. The first was subject to a Strategic Environmental Assessment in 2011 whereas the Liguria RBMP was exempt at the time it was drafted. Some of the individual works will require a full EIA according to Directive 2011/92/EC or affect protected areas and hence the operation will be subject to the Promoter complying with the following requirements:

1. The promoter undertakes not to allocate Bank funds to programme components that require a full EIA until the EIA and/or the necessary nature assessment have been finalised and approved by the relevant competent authority. Once any EIS is available, the promoter will provide the Bank with an electronic copy of its Non-Technical Summary (NTS) for publication on the EIB website.
2. The promoter shall not commit any EIB funds against any scheme that impacts nature conservation sites, without receiving from the relevant competent authority the declaration under Art. 6(3) of the Habitats Directive that there are no significant effects and informing the Bank of such declaration having been obtained. .
3. The promoter undertakes to provide to the Bank, if requested, any decisions and subsequent justification that screen out project components from the requirement of a full EIA as well as the decisions issued by the competent Authority regarding the Habitats and Birds Directives.

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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.

## Environmental and Social Assessment

### Environmental Assessment

The EU environmental Directives transposed into the Italian legislation require the verification of the environmental compliance both at Programme level -SEA Directive 2001/42/EC- and project level (EIA Directive 2011/92/EU, Birds and Habitats Directive 92/43/EC). The Promoter is required to act according to the provisions of the relevant EU Directives, including the SEA, EIA, Habitats and Birds Directives as transposed into the national law. The verification of the environmental compliance is implicitly incorporated into the procedures.

The management of the water cycle is established in the concession agreements between IREN and the respective Autorità d'Ambito's, establishing the quality and service standards. From 2012, tariff setting responsibility was transferred to a national regulator (*Autorità per l'energia elettrica, il Gas ed i Servizi Idrici* - AEEGSI).

The schemes will have a number of impacts on the environment, both positive and negative. The most significant positive effects can be expected from the wastewater components, seeking compliance with the EC Urban Waste Water Treatment Directive 91/271/EC as amended by Directive 98/15/EC, as well as the requirements under the Water Framework Directive 2000/60/EC. These are expected to result in an improvement of the quality of the Pianura Padana and the Ligurian water bodies including the Adriatic and Ligurian seas receiving the treated wastewaters. Some schemes could have an impact on the environment, notably in the construction phase. The impact will be more significant in Liguria where the population density is high and land space limited due to its mountainous characteristics.

The Promoter is well aware of, and will comply with the requirements of the Italian legislation including the procedures to follow for works in areas of high archaeological value.

IREN has an independent Quality Management System according to the UNI EN ISO 9001 for the management of its water services as well as UNI EN ISO 17,025 for its laboratory services which monitors water and treated wastewater quality. External monitoring of the quality of potable water and treated effluent takes place by the Regional environmental protection agency ("*Agenzia Regionale per la Protezione dell'Ambiente*" – ARPA).

### Social Assessment

Social impacts include the possible disruption of services, noise and temporary occupation of public or private space, traffic disruptions, and safety hazards, common for this type of projects in urban environments, and will be addressed as part of the planning permission for each component.

### Public Consultation and Stakeholder Engagement, where required

The Promoter has to ensure compliance with national and European environmental and nature regulations and facilitate the access by the public to environmentally relevant information in accordance with the Aarhus Convention.

### Other Environmental and Social Aspects

IREN is OHSAS 18001 (Health and Safety) certified, and its laboratories are UNIEN ISO/IEC 17025 certified. IREN has also adopted a Code of Ethics (Codice Etico), setting out ethical values for both IREN staff and its subcontractors.