

## Environmental and Social Data Sheet

### Overview

Project Name:	FASTWEB VERY HIGH SPEED BROADBAND
Project Number:	20120594
Country:	Italy
Project Description:	The project relates to the investments in a broadband telecommunication network by Italy's third largest fixed broadband operator. Two thirds of the project relate to the capacity expansion of the promoter's Asynchronous digital subscriber line (ADSL) and Fibre to the Home (FTTH) network throughout the country, with the aim to increase retail competition with the former incumbent. One third of the project costs refers to the roll-out of an innovative Fibre to the Curb Very-high-bit-rate digital subscriber line (FTTC/VDSL) network in 18 cities throughout Italy with the aim to provide increased very-high speed broadband services. Around 10% of the project, which will take place from beginning 2013 until the end of 2015, will be implemented in convergence regions.
EIA required:	No
Project included in Carbon Footprint Exercise <sup>1</sup> :	No

(Details for projects included are provided in section: "EIB Carbon Footprint Exercise")

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

Investments in fixed telecommunications projects (including civil works investments for fibre roll-out and transmission systems) do not fall under Annex I or II of the EIA Directive 2011/92 EC. Fixed telecommunications systems have limited environmental effects, apart from disturbances during civil work constructions, which will be mitigated by appropriate measures.

Concerning the "Habitats" Directive 92/43/EEC and related Natura 2000 protection sites, the relevant legislation does not include any provision regarding telecoms infrastructures, since individual schemes are small and not expected to have any significant negative impact. In addition, the investments will be performed in urban areas.

The project is not expected to have any significant residual impact. Hence it is deemed to be environmentally acceptable (A).

<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 energy efficiency levels were one of the selection criteria during the procurement process of the VDSL2 equipment. The promoter requested a high level of energy efficiency to be able to operate the equipment in the on –street cabinets that are not equipped with air-conditioning.

### Other Environmental and Social Aspects

The promoter will make use of existing infrastructure to the extent possible. Will it be through the use of Telecom Italia ducts, or agreements with electricity suppliers, the use of already available infrastructure will reduce the disturbances during construction.

Civil works in some of the cities included in the project require special permits due to the cultural heritage or archaeological interest of the site. The impact of the activities to be performed and of the remaining infrastructure will be assessed by the relevant municipal authorities and mitigation measures requested. In some cities, the promoter has indicated that it will not be allowed to install on-street cabinets but will be requested to install the equipment in specific manholes. In all cases, no aerial rollout is foreseen in the project. The use of existing infrastructure will also reduce the visual impact as well as the impact on cultural heritage.

The promoter has specific environmental and health and safety policies in place, and is ISO 14001 and OHSAS 18001 certified.