



European Investment Bank (EIB)

Luxembourg, 7 December 2022

Environmental and Social Completion Sheet (ESCS)¹

Overview

Project Name:	TIM Mobile Network
Project Number:	2019-0241
Country:	Italy
Project Description:	The project concerned an early deployment of 5G and the upgrade of the promoter's Italian mobile network with advanced 4G/LTE and 5G equipment. Through these measures, the mobile coverage with higher data rates reached 99% of population, increased the network capacity to cope with the strong traffic growth and allows for top speeds up to 750 Mbps. At the same time, the investments facilitated the expansion of the commercial 5G broadband services across the country including Fixed Wireless Access solutions. The project implementation took place in the years 2019 to 2021.

Summary of Environmental and Social Assessment at Completion

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

The outturn project comprised the modernisation of existing mobile equipment and also the coverage expansion of an existing mobile network. The modernisation part of the project consisted in the replacement of active network equipment and antennas with a new version operating often in more frequency bands. The coverage expansion part required the installation of additional active equipment and antennas at existing sites. Due to changes in the project implementation mechanism (i.e. delay in the creation of the tower joint venture), the coverage expansion part finally included also the identification and development of new sites. Such sites had the form of an independent tower or required just new installations on the rooftop of existing buildings.

The required construction and operational approvals were dependent on the type of investments. Where applicable, the promoter requested permits related to the change in the radiation emissions from the regional agency for environmental protection (ARPA), after having carried out the necessary studies. The national legislation foresees, that a building permit is requested by the relevant competent municipal authorities in cases of changes regarding the visual impact at existing sites or if a new site is constructed.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion based on reports from the promoter, where applicable, that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.

¹ The template is for ILs and FLs