



European Investment Bank (EIB)

Luxembourg, 20 December 2022

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	MOBILE BROADBAND INFRASTRUCTURE DENSIFICATION
Project Number:	2017-0581
Country:	Spain / Italy
Project Description:	The project relates to the construction of new telecom towers and rooftop sites to host mobile broadband base stations in Spain and Italy, as well as investments to increase the capacity of existing infrastructures to accommodate additional base stations and new operators. In addition, the project includes the deployment of fibre optics and microwave radio links to connect the base stations to the core networks of the promoter's customer operators, and the roll out of new Distributed Antenna System (DAS) nodes to improve indoor coverage and increase capacity of the customer operators' networks in urban areas.

Summary of Environmental and Social Assessment at Completion

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

No significant negative environmental and social issues were noted. Finally, the project included a significantly lower number of new sites than initially foreseen, due to delays in orders from mobile operators, but on the other hand, the investments related to site modifications to accommodate new operators and equipment upgrades compensated the deficit in new site construction. This change of the composition of the project reduced the construction activities during the project implementation. In addition, the project included the migration of 943 mobile sites in Italy to free cooling saving 60% of the normal energy consumption by air conditioning in mobile sites. The project also produced positive social impacts by enabling the expansion of the deployment of the latest mobile broadband technologies on existing sites (installation of 5G on existing 4G sites) and expanding coverage with the deployment of new sites. The coverage and capacity expansion of broadband networks results in improvements in labour productivity, creation of new jobs and stimulation of economic activity.

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.