



European Investment Bank (EIB)

Luxembourg, 12 December 2022

Environmental and Social Completion Sheet (ESCS)¹

Overview

Project Name:	ERICSSON 5G
Project Number:	2017-0792
Country:	Sweden / EU Regional countries / Ireland / Spain
Project Description:	The project concerns the RDI investments by the promoter for the development of the fifth generation of mobile telecommunications systems (5G). It includes the development of hardware and software for the Radio Access Network (RAN), the core network, advanced analytics and data exposure functions to enable autonomous networks and an ecosystem in 5G.

Summary of Environmental and Social Assessment at Completion

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

The specific RDI activities included in the project have not had any relevant environmental impact, as they are related to development of telecommunications hardware and software which was performed in existing facilities. The equipment developed as a result of the RDI activities are subject to regulations related to EMF (electromagnetic field) emissions.

One of the key aspects of the 5G technologies that have been developed as a result of the project is energy efficiency. The new 5G technology, to which the project contributes to, when fully developed, will make it possible to provide equipment transmitting ten times more data at the same energy consumption as the previous generation/4G equipment.

In other words, given the increasing trend in mobile broadband demand, the project has resulted in the development of technologies representing 90% energy savings in relation to building the same network capability with the existing 4G technology. The promoter's products and activities (including this project) comply with the RoHS2 Directive (Directive 2011/65/EU) and WEEE Directive (Directive 2012/19/EU).

Ericsson's climate targets are in line with the 1.5°C ambition going towards Net Zero across the value chain by 2040. The Company's circular economy approach encapsulates everything from design, manufacturing and the use phase through reuse, product take-back and end of life. The "Product Take-Back programme" has been implemented in collaboration with its customers and has resulted in 8,849 tonnes of decommissioned equipment collected by Ericsson during 2021. Ericsson recycles 98% of the materials. The promoter is a signatory of the UN global compact since 2000 and its integrated quality, safety and environmental management system is globally certified according to ISO 9001, ISO 14001 and OHSAS 18001.

¹ The template is for ILs and FLs



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The promoter produces an annual Sustainability and Corporate Responsibility report assured by a third party (Deloitte AB) in accordance with the Global Reporting Initiative sustainability reporting guidelines.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion, based on reports from the promoter as well as site visits by the EIB team during project implementation, that the Project has been implemented in line with EIB Environmental and Social Standards.

The proposed investments have taken place inside buildings at existing RDI facilities and the promoter complies with all relevant regulations and recommendations related to its business. Given the increasing trend in mobile broadband demand and that the project has resulted in the development of technologies that will enable 90% energy savings in relation to building the same network capability with the existing 4G technology, the project has been classified as acceptable in environmental and social terms for the Bank's financing.