

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	REPSOL RDI
Project Number:	2012-0325
Country:	Spain
Project Description:	The project concerned selected investments of the promoter's Research, Development and Innovation (RDI) programme in areas of the natural gas value chain, energy and resource efficiency in oil refining, production of petrochemical derivatives and CO2 storage. It also included programmes for the development of renewable energy systems for transport and offshore power generation.

Summary of Environmental and Social Assessment at Completion

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

The RDI programme supported by the project was closely in line with the promoter's RDI long-term strategy and did not change the promoter's practices. It was carried out within existing research and production centres without significantly adding to their environmental load.

The project included a number of pilot demonstration facilities. For example, the biofuel sub-project required a synthetic biology laboratory and the construction of pilot/demo plants in hydrolysis/fermentation and biofuel from microalgae. Likewise, the Intermediates and Catalysts System sub-project built a pilot plant for production of alternative monomers and a polymerisation demonstration plant, both within the Technology Centre in Móstoles (Madrid). The additional pilot unit within the Technology Centre in Mostoles did not require the modification of the existing permits according to the legislation existing legislation.

The biofuels and biopolymers sub-projects have used biotechnology tools as planned and have complied with the existing regulation for their use. These projects are long-term and still ongoing.

With the implementation of this project the promoter has made substantial progress in areas such as early spill detection and refinery processes optimization, both of which with important environmental benefits.

During the project implementation no significant environment or social issues were noted.

European Investment Bank (EIB)

Luxembourg, 21 December 2017

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.