



Luxembourg, 30/12/2025

## Environmental and Social Completion Sheet (ESCS)<sup>1</sup>

### Overview

Project Name:	CARTAGENA ADVANCED BIOFUELS
Project Number:	2022-0424
Country:	Spain
Project Description:	The project concerns (i) the construction and operation of a 255ktpa first-of-a-kind second generation biofuels production facility at Repsol's refinery in Cartagena (Murcia), based on a Hydrogenated Vegetable Oil (HVO) technology and; (ii) the support to research programmes toward advanced biofuels technologies conducted at the promoter's facilities.

### Summary of Environmental and Social Assessment at Completion

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

According to the information provided to the bank, the Project has fulfilled all environmental regulatory requirements. The Project is located inside the perimeter of the Cartagena refinery, owned by the promoter. The refinery holds an Integrated Environmental Permit, which was modified to include the Project activities. To this end, an environmental impact assessment (EIA) under the EIA Directive 2011/92/EC as amended by Directive 2014/52/EU took place, which also assessed any potential impacts of the Project on the surrounding Red Natura 2000 sites. The formal procedure to update of the Integrated Environmental Permit for the Cartagena refinery had already been successfully completed before the Project's approval by the bank. The Cartagena refinery operates under the Integrated Environmental Authorisation (AAI20071303), which incorporates technical requirements specific to the project.

According to the information received by the bank, over the course of the Project there haven't been any changes/modifications/extensions that triggered a permitting process under the EIA Directive 2011/92/EC as amended by Directive 2014/52/EU, and/or Directive 2010/75/EU, Industrial Emissions Directive.

All necessary permits for waste management and product safety have been obtained, and the renewable fuels are registered with the European Chemicals Agency (ECHA) in accordance with REACH regulations. The plant's emissions are regularly monitored by accredited entities, showing compliance with emission limit values.

The Project's feedstock supply chain is fully certified for sustainability, and suppliers are required to comply with the Renewable Energy Directive (RED) requirements, and undergo due diligence checks to mitigate potential environmental and sustainability risks. The renewable diesel (HVO) and sustainable aviation fuel (SAF) produced at the facility have achieved a certified carbon footprint reduction of more than 90% versus conventional fuels, calculated by the methodology established by the RED Directive. This value has been independently verified under the ISCC EU certification, by an independent accredited body, Control Union, with annual audits ensuring ongoing compliance. The project also holds CORSIA certification for aviation fuels ([ISCC CORSIA - ISCC System](#)), the National Sustainability Verification System certificate,

<sup>1</sup> The template is for ILs and FLs



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and RSB (Roundtable on Sustainable Biomaterials) certification, allowing for the marketing of SAF through Book & Claim schemes.

**Summary opinion of Environmental and Social aspects at completion:**

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