

Environmental and Social Data Sheet

Overview

Project Name:	CEPSA aromatics optimisation plan
Project Number:	20160238
Country:	Spain
Project Description:	Investments in the promoter's 2016-2018 plan to optimise the aromatics production in two refineries in Spain.
EIA required:	yes
Project included in Carbon Footprint Exercise ¹ :	no
(details for projects included are provided in section: "EIB Carbon Footprint Exercise")	

Environmental and Social Assessment

Environmental Assessment

The upgrading of existing petrochemical units, to improve competitiveness by converting heavy aromatics streams products into higher quality products, falls under Annex II of the EIA directive 2011/92/EU - as amended. Due to its technical characteristics and potential impacts on the environment, Environmental Impact Assessments were conducted by the promoter on two of the three components - namely the Aromatics optimisation and new Sorbex unit. The company is still awaiting approval by the Competent Authorities. The Aromax unit does not have to undergo an EIA because this is considered a non-substantial change to an Annex II operation.

Regarding size and technology this project is a typical operation in the refining/petrochemical sector. It is implemented by a promoter familiar with these types of installations.

Main impacts will result from activities typically related to construction sites, such as dust, increased road traffic, transport of equipment and noise. These impacts are temporary, limited to the construction phase, and can be mitigated by appropriate planning and construction practices. During operation the project will change the product slate of the refinery and increase the volume of effluents and emissions to air. The EIAs have demonstrated that the emission limit values specified under national and EU legislation for pollution concentrations in ambient air will not be exceeded. All project components are located within the existing fence of both refineries.

Estimated annual CO₂ emissions of the project in a standard year of operation will amount to about 80 kT CO₂e/year.

Social Assessment, where applicable

The project is located in Andalucía, a Cohesion Region with the second highest unemployment rate in EU (Eurostat - April 2016). This project will contribute to sustaining this

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.



industry in Andalucía, which at present employs directly about 3,000 people – about 40% of the stable jobs of the industrial centres of Huelva and Gibraltar San Roque.

Furthermore, the project is expected to involve about 462 person-years during implementation and generate 6 new FTEs.

Public Consultation and Stakeholder Engagement

The Environmental Impact Assessment (EIA) for the Aromatics optimisation and Sorbex unit were presented to Administration in respectively March and June 2016, and public consultations have been launched.

The promoter is waiting for the final environmental decision from the Competent Authorities on both project components.

Other Environmental and Social Aspects

CEPSA has a unified ISO 14001 certification; bringing together the certification of all operational centres in order to improve and unify the Company's environmental management.

In most of the plants, the energy management systems are certified under ISO 50001. In the other facilities there are energy efficiency targets for both thermal and electrical energy as well as different plans for biodiversity protection and the rationalisation of raw materials consumption in the production processes.

CEPSA has a carbon footprint certification under the ISO 14064, and according CO₂ emission reporting.

Given the nature of the activities carried on at its production plants, accident prevention is key. All refineries and factories have externally certified Quality, Environment and Safety management systems (certified OHSAS 18001) and are in full compliance with the [Seveso II requirements](#).

The Company is implementing the necessary measures to ensure compliance with EU standards on chemical substances (REACH regulation).

The promoter publishes each year a sustainability report in accordance with the Global Reporting Initiative – see [Annual and Corporate Responsibility Report](#).

Conclusions and Recommendations

This type of project falls under Annex II of the EIA Directive. Two components required a full EIA. The EIA procedures are still ongoing.

The project adheres to best available techniques as identified by the European Commission for mineral oil and gas refineries, large volume organic chemicals, industrial cooling, common waste water and waste gas treatment, energy efficiency and for emissions from storages.

No significant negative residual risks are identified in the EIAs and no protected areas such as Natura 2000 sites are directly affected by the project.



The provision of the final Environmental Decision from the Competent Authorities concerning the Environmental Impact Assessments (EIAs) for the Aromatics optimisation and the Sorbex unit will be a condition for disbursement. The promoter will undertake to implement the project in accordance with all mitigating measures as de/prescribed in the relevant EIAs and respective approvals.

Considering the above, the project is acceptable for Bank's financing.

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