

環境チェックレポート

(1) プロジェクト名
石油製品等引取（製油所改修）

(2) 実施場所
ベネズエラ・ボリバル共和国アンソアテギ州

(3) プロジェクト概要
製油所改修プロジェクト

(4) カテゴリ分類
カテゴリ A

(5) カテゴリ分類の根拠
本プロジェクトは環境ガイドラインに掲げる影響を及ぼしやすいセクター（石油精製）に該当し、影響を及ぼしやすい特性を有するため。

(6) 環境許認可
同国制度に基づき EIA が作成され、2010 年 5 月にベネズエラ・ボリバル共和国政府より承認を取得済である。

(7) 汚染対策
大気質、水質、廃棄物及び騒音・振動対策について、現地基準等に沿った適切な対策計画を策定・実施している。

(8) 自然環境面
サイト内に貴重種に分類されている動植物は確認されていない。

(9) 社会配慮面
本プロジェクトによって用地取得は生じず、不法居住者の移転についてもプロジェクト所在市の責任で移転が実施されること等から、特段社会配慮面で留意すべき事項はない。

(10) その他・モニタリング
上述の環境レビューを踏まえ、大気質に関するモニタリングを実施する予定。

以上

Questions

Q1. Please provide the address of the project site.

Address of the project site: Puerto La Cruz, Anzoátegui State, Venezuela

Q2. Please provide brief explanation of the project.

The project intends to modify and expand its refining facilities located in Puerto La Cruz to process heavy crude (16° API) and improve its margins by producing export quality products.

Q3. Will JBIC loan be applied to a new project or an executing project? In case of an executing project, please inform of strong claims by stakeholders such as local residents, as well as improvement guidance or cessation orders for construction work / operations, from environmental authorities.

- | | |
|--|--|
| <input type="checkbox"/> New Project | <input type="checkbox"/> Executing Project (with Claim etc.) |
| <input checked="" type="checkbox"/> Executing Project (without Claim etc.) | <input type="checkbox"/> Others (Please specify) |

Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of EIA.

- | | |
|--|--|
| <input type="checkbox"/> Required (completed) | <input checked="" type="checkbox"/> Required (under execution or under planning) |
| <input type="checkbox"/> Not Required | <input type="checkbox"/> Others (Please specify) |

Q5. In case that EIA is already completed, please inform whether EIA report is already approved based on the environmental assessment system of the country where the project is to be implemented or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

- | | |
|--|---|
| <input type="checkbox"/> Approved (without condition) | <input type="checkbox"/> Approved (conditional) |
| <input checked="" type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Please specify) |

Date of Approval : _____

Name of Authorities : _____

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

- | | |
|--|---|
| <input type="checkbox"/> Obtained | <input type="checkbox"/> Required, but not obtained yet |
| <input checked="" type="checkbox"/> Not required | <input type="checkbox"/> Others (Please specify) |

Name(s) of required permit(s) : _____

Q7. Will the loan be used for the undertaking that cannot specify the project at this stage (e.g. export or lease of machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at the time of loan agreement)?

(No)

If you answered "Yes", it is not necessary to reply to the following questions.

If you answered "No", please reply to the following questions.

Q8. Are there any environmentally sensitive area shown below in and around project site?

(No)

If you answered "Yes", please select applicable items by marking, and reply to following questions.

If you answered "No", please reply to questions 9 and after.

- (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
- (2) Primeval forests, tropical natural forests
- (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
- (4) Habitats of endangered species of which protection is required under local laws and international agreements.
- (5) Areas that have risks of large scale increase in soil salinity or soil erosion
- (6) Desertification areas
- (7) Areas with special values from archaeological, historical and/or cultural viewpoints
- (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following characteristics?

(Yes)

If you answered "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and after.

If you answered "No", please reply to questions 11 and after.

- (1) Involuntary resettlement (Number of resettlers:)
- (2) Pumping of groundwater (Scale: m³/year)
- (3) Land reclamation, development and/or clearing (Scale: 396,46 ha)
- (4) Deforestation (Scale: 102,5 ha)

Q10. Under the environmental impact assessment system of the country where the project is to be implemented, do the applicable characteristics from (1) – (4) above and their scale serve as basis for executing an EIA for the project?

- They do
- They do not
- Others (Please specify)

Q11. Will JBIC share in the project be equal or less than 5% of the total project cost, or the total amount of JBIC loan equal or less than SDR 10 million? (In the case of additional support for a past project, this shall be the accumulated total amount)

(No)

If you answered "Yes", it is not necessary to reply to the following questions.

If you answered "No", please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights and interests without additional capital investment)?

(No)

If you answered "Yes", it is not necessary to reply to following questions.
If you answered "No", please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

(Yes)

If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after.
If you answered "No", it is not necessary to reply to the following questions.

- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas and chemical terminals
- (9) Paper and pulp
- (10) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (11) Thermal power
- (12) Nuclear power
- (13) Hydropower, dams and reservoirs
- (14) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (15) Roads, railways and bridges
- (16) Airports
- (17) Ports and harbors
- (18) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (19) Waste management and disposal
- (20) Agriculture involving large-scale land-clearing or irrigation
- (21) Forestry
- (22) Tourism (construction of hotels, etc.)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, please explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

Reply to the first sentence:

Project Area (for new plant) : Approx. 73 ha

including new Process/Aux. and Utility plants

Area of Buildings: Total Floor Area in the project approx. 40,800 m2

Refinery Capacity: 170 MBPD

Production Capacity (Refinery Overall Approx.) 220 MBPD

Power Generation

This project does not have power generation in its scope.

Reply to the second sentence:

In Venezuela, an execution of EIA is normally required for an oil and gas project irrespective of its scale.