

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・ボリバル共和国カラボボ州

(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 6 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及び住民移転は発生せず、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、大気質及び水質に関するモニタリングを実施する予定。

以上



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

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

(Yes / No)

No.

[Note: The location of the facility is portside, but is not designated as a part of a national park.]

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 / No) Yes

[Note: The location of the project is not located in a forest area, as can seen in the attached photograph. For the purpose of leveling the project site, the bushes covering the installation area shall be removed,

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: m<sup>3</sup>/year)
- (3) Land reclamation, development and/or clearing (Scale: ha)
- (4) Deforestation (Scale: 76 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)

(Yes / No) 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-expansory renovation project, acquisition of rights and interests without additional capital investment)?

(Yes / No)      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 / No)      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.

The El Palito Refinery Expansion Project will optimize the processing capacity by installing quality improving process units for processing 140,000 barrel per day of heavy crude oil (API 22°), which is designed to comply with environmental standards and social surroundings of the facility as well as to maximize the production of middle-stream fractions of exportable quality, with minimum residual production lead to improve the refining margin.

No, in Venezuela there is a law (Decree 1257) which states that any project in the hydrocarbon sector to be executed in the country needs to comply with the Decree 1257 and complete an EIA, regardless of the project scale, for any project activities to be conducted outside of existing facility areas or in newly assigned areas.