

環境チェックレポート

(1) プロジェクト名

石油精製・石油化学プロジェクト

(2) 実施場所

サウジアラビア王国ラービグ

(3) プロジェクト概要

既存石油製油所の改修・高度化及び石油化学プラントの建設、並びに石油精製製品及び石油化学製品の製造・販売

(4) カテゴリ分類

カテゴリ A

(5) カテゴリ分類の根拠

本件は、環境ガイドラインに掲げる大規模な石油精製、パイプライン、及び石油化学セクターに該当し、かつ影響を受けやすい地域に該当するため。

(6) 環境許認可

本プロジェクトにかかる環境影響評価報告書（EIA）はサウジアラビア王国政府から承認されている。

(7) 汚染対策

本プロジェクトの大気質、水質の計画値は現地基準を満たし、国際基準を下回る。また騒音に関しては現地基準は存在しないものの国際基準を下回るよう適切な対策が計画されている。

(8) 自然環境面

プロジェクトサイト及びパイプラインルートには重要な生態系及び貴重種は存在しない。水生生物への影響等についても適切な配慮がなされている。

(9) 社会配慮面

プロジェクトサイトは既存製油所敷地内であり、パイプラインルートも既設パイプラインルートを利用することから、用地取得・住民移転の問題はない。

(10) その他・モニタリング

大気、水質、騒音、底性生物、廃棄物等の定期的なモニタリングを実施予定。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Rabigh Refinery, Rabigh, Saudi Arabia

• **Q2.** Please provide brief explanation of the project.

Expansion of existing petroleum refinery and construction of polymer and chemical of polymer and chemicals manufacturing plants.

Q3. Will JBIC loan be applied to a new project or an executing project? In case of executing project, please inform the presence of strong claims by local residents.

- | | |
|--|---|
| <input checked="" type="checkbox"/> New Project | <input type="checkbox"/> Executing Project (with Claim) |
| <input type="checkbox"/> Executing Project (without Claim) | <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? 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 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 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 checked="" type="checkbox"/> Required, but not obtained yet |
| <input type="checkbox"/> Not required | <input type="checkbox"/> Others (Please specify _____) |

Name(s) of required permit(s) : Discharge of cooling seawater.

- **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?

(~~Yes~~ / 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 or interest without additional plant investment)?

(~~Yes~~ / 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~~)

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) Hydro power plant, Dam or water reservoir
- (2) Thermal power plant
- (3) Mines
- (4) Development of oil and gas
- ✓(5) Pipeline
- (6) Steel industry (with large scale furnace)
- (7) No-ferrous metal refining
- ✓(8) Petrochemical (including manufacturing of raw materials and petrochemical complex)
- (9) Terminal of oil, gas and chemicals
- ✓(10) Petroleum refining
- (11) Paper and pulp
- (12) Manufacturing and/or transportation of hazardous substances (specified by international agreement)
- (13) Road, railway or bride
- (14) Airport
- (15) Port
- (16) Waste material processing or treatment
- (17) Treatment of sewage and/or waste water that includes hazardous substances or executed at environmentally sensitive area
- (18) Power transmission and/or distribution lines (including large scale involuntary resettlement, large scale deforestation or submarine cable)
- (19) Tourism (Construction of hotel, etc.)
- (20) Forestry or tree planting
- (21) Agriculture (large scale project and/or project including irrigation)

- 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, pleased 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.