

平成 27 年 9 月 29 日
株式会社国際協力銀行

環境チェックレポート

- (1) プロジェクト名
メタノール及びジメチルエーテル製造プロジェクト
- (2) 実施場所
トリニダード・トバゴ共和国 / La Brea 地区
- (3) プロジェクト概要
メタノール及びジメチルエーテルの製造を行うもの
- (4) カテゴリ分類
カテゴリ A
- (5) カテゴリ分類の根拠
本事業は、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（石油化学（原料製造。コンビナートを含む））に該当するため。
- (6) 環境許認可
同国制度に基づき環境影響評価書が作成され、2014 年 12 月に同国環境管理機構より付帯条件付で承認を取得済。
- (7) 汚染対策
大気質、水質、廃棄物、土壌汚染、騒音・振動、地盤沈下及び悪臭の影響に対して、適切な措置が講じられている旨、確認されている。
- (8) 自然環境面
自然環境面への影響に対して、適切な措置が講じられている旨、確認されている。
- (9) 社会配慮面
本プロジェクトにより移転を含む社会経済的な影響を受ける住民への配慮について、対応計画が策定され、適切な措置が講じられている。

(1 0) 適用国際基準

IFC パフォーマンススタンダード

(1 1) その他・モニタリング

上述の環境レビューを踏まえ、EIA 報告書に係る付帯条件の遵守状況及び住民移転の合意状況についてモニタリングを実施する予定。

以 上

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

(Yes / ~~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 / ~~No~~)

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: ha)
- (4) Deforestation (Scale: 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~~)

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)?

(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) 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.

Production Capacity : 1,000,000 metric ton per year of Methanol and 100,000 metric ton per year of DME.

Feedstock : 100MMSCFD of natural gas

Project Area : 50ha in Union Industrial Estate, La Brea owned by National Energy Corporation

Electricity : There will be two sources. One is the commercial power source and, the other is the emergency generator.

Water : Desalinated water will be supplied from outside or made by own and sea water will be used for cooling system.

EIA : Required on account of the large scale of the project in Trinidad and Tobago.