

環境チェックレポート

- (1) プロジェクト名
石油精製・石油化学プラントの増改修プロジェクト
- (2) 実施場所
インド国 グジャラート州、ダドラ及びナガル・ハヴェリ共同連邦直轄地
- (3) プロジェクト概要
石油精製・石油化学プラントの増改修プロジェクト
- (4) カテゴリ分類
カテゴリ B
- (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に該当せず、影響を及ぼしやすい特性を持たず、また影響を受けやすい地域あるいはその近傍に立地せず、環境への望ましくない影響は重大でないと判断されるため。
- (6) 環境許認可
同国制度に基づき EIA が作成され、2011 年 6 月に同国環境森林省より承認を取得済である。
- (7) 汚染対策
大気質、騒音・振動の計画値は現地基準を満たす計画である。
- (8) 自然環境面
本件サイトは、同国で指定している保護区には立地せず、またその周辺に特に留意すべき地域はなく、また本件サイト内に希少種等は存在しない。
- (9) 社会配慮面
本件に伴う住民移転は発生せず、特段社会面で配慮すべき事項はない。
- (10) 適用国際基準
世界銀行・セーフガードポリシー

(11) その他・モニタリング

上記環境レビューを踏まえ、許認可の取得状況、大気質及び騒音・振動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-expansory 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.

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

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

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The project is to establish a plant capacity of 395KTA for PFY and capacity of 140KTA for PTY in the land area of 37,370 m² and plant & utility buildings in 183,882 m². The plant will utilize Raw materials of PTA (78MT/Hr), MEG(30MT/Hr), Antistatic Oil(2.4MT/Hr), Spin Finish Oil(0.6MT/Hr) and Titanium Dioxide(0.23MT/Hr) and utilizes Water (from the nearby Damanganga Canal distributary) of 13,552KLD and requires Power capacity of 136,250kVA and Natural gas -0.7MMSCM/Day-Max, LSHS-200TPD.

There are storage capacities for the plant of 4,643.4MT and does not exceed 200thousand MT for storage capacity.

The EIA report for Silvassa, as required by the host country, has already been provided.