

環境チェックレポート

- ( 1 ) プロジェクト名  
LNG プロジェクト
- ( 2 ) 実施場所  
アメリカ合衆国 / ルイジアナ州
- ( 3 ) プロジェクト概要  
LNG プラント等の建設・運営
- ( 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)」、「パイプライン」)に該当し、影響を及ぼしやすい特性を持ち、影響を受けやすい地域又はその近傍に立地するため。
- ( 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 6 月に米国連邦エネルギー規制委員会より承認取得済。
- ( 7 ) 汚染対策  
大気質、水質、廃棄物、土壌汚染、騒音・振動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る非自発的住民移転は発生しない。
- ( 10 ) 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、許認可、苦情対応、生態系及び用地取得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: Hackberry, Louisiana, United States

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

The borrower is now planning to construct, own and operate natural gas pre-treatment, processing, and liquefaction facilities and related infrastructure ("New Build Facilities") in the existing Cameron LNG Receiving Terminal ("Existing Facilities") area located in Louisiana, US, to receive and liquefy North American natural gas for export to the global LNG markets. The New Build Facilities and the Existing Facilities will form a single integrated facility that will initially have a nameplate capacity of 13.5 MTPA of LNG. The project will provide liquefaction, regasification and other related services on a tolling basis pursuant to the 20-year tolling agreements with affiliates of GDF Suez S.A., Mitsubishi Corporation and Mitsui & Co.,Ltd.

**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 checked="" type="checkbox"/> New Project                 | <input type="checkbox"/> Executing Project (with Claim etc.) |
| <input 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 : U.S. Federal Energy Regulatory Commission

(Note to JBIC: Please note that EIA is to be prepared by the third party expert engaged by FERC and to be approved by FERC, based upon the information provided by the applicant of the approval from FERC)

**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) : Air Permits, etc.

**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)?

(Yes / **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?

(**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
- (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: 38,000 m<sup>3</sup>/year)
- (3) Land reclamation, development and/or clearing (Scale: 203 ha)
- (4) Deforestation (Scale: 7.8 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.

The Existing Facilities are located on approximately 286 acres of land. The New Build Facilities will utilize approximately 432 acres north of the Existing Facilities land and approximately 70 acres of the Existing Facilities. In addition, the Borrower owns approximately 3,076 acres of land west of the Existing Facilities that is used to deposit the dredge spoils resulting from the Borrower's periodic maintenance dredging of the LNG tanker turning basin. The New Build Facilities and the Existing Facilities will form a single integrated facility that will have the capacity to produce in excess of 12.0 MTPA of LNG available for export or re-gasify up to 1,500,000 MMBtu of natural gas per day.

The EIS is currently being prepared and will be approved by FERC.