

環境チェックレポート

- (1) プロジェクト名
天然ガス田開発プロジェクト
- (2) 実施場所
オーストラリア連邦 西豪州
- (3) プロジェクト概要
天然ガス田の開発及び LNG の販売（以下「本事業」という。）
- (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・天然ガス開発及びパイプライン）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あるいはその近傍に立地するため。
- (6) 環境許認可
本事業については、西豪州の制度に基づき環境社会影響評価書（以下「ESIA」という。）が作成され、2021年2月に環境保護局により付帯条件付きで承認を取得済である。
- (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、悪臭に対し、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、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
社会配慮面への影響に対し、適切な措置が講じられている旨確認されている。

(10) 適用国際基準

IFC パフォーマンススタンダード

(11) その他・モニタリング

上述の環境レビューを踏まえ、ESIAに係る付帯条件の遵守状況、その他環境関連許認可の取得状況、水質、先住民族との合意形成状況及び苦情の有無等につき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.

Western Australia

Q2. Please provide brief explanation of the project.

Development of natural gas fields and sales of LNG

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 and Social Impact Assessment (ESIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of ESIA.

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Required (completed) | <input type="checkbox"/> Required (under execution or under planning) | |
| <input type="checkbox"/> Not Required | <input type="checkbox"/> Others (Please specify |) |

Q5. In case that ESIA is already completed, please inform whether ESIA report is already approved based on the environmental and social assessment system of the country where the project is to be implemented or not. If ESIA report is already approved, please provide the date and name of authorities of the approval.

- | | | |
|---|--|---|
| <input type="checkbox"/> Approved (without condition) | <input checked="" type="checkbox"/> Approved (conditional) | |
| <input type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Please specify |) |

Date of Approval : 1st February 2021

Name of Authorities : The State of Western Australia

Q6. If environmental and social permit(s) other than ESIA 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) : The following permits including

- Environmental plans for drilling wells, flowlines and pipelines, and a gas plant
- Native vegetation clearing permit

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)?

(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(s) shown below in and around project site(s)?

(Yes)

If you answered "Yes", please select applicable items by marking, and reply to the following questions.
If you answered "No", please reply to the questions 9 and after.

- (1) National parks, nationally-designated protected areas (coastal areas, wetlands, areas for ethnic minorities or indigenous people, and cultural heritage, etc. designated by national governments)
- (2) Forests with important ecological value (including primary forests and natural forests in tropical areas)
- (3) Habitats with important ecological value (including coral reefs, mangrove, wetland and tidal flats.)
- (4) Habitats of rare species requiring protection under domestic legislation, international treaties, etc.
- (5) Areas in danger of large-scale salt accumulation or soil erosion
- (6) Areas with a remarkable tendency towards desertification
- (7) Areas with unique archaeological, historical or cultural value
- (8) Areas inhabited by ethnic minorities, indigenous peoples or nomadic peoples with traditional ways of life(including areas which are used for cultural or spiritual purposes) and other areas with special social value

Q9. Does the project involve following characteristics?

(Yes)

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 the questions 11 and after.

- (1) Involuntary resettlement and/or loss of means of livelihood
(Number of affected people:)
- (2) Pumping of groundwater (Scale: 60,000m³/year)
- (3) Land reclamation, development and/or clearing (Scale: Approx. 17 ha)
- (4) Deforestation (Scale: ha)

Q10. Under the environmental and social impact assessment system of the country where the project is to be implemented, do the applicable characteristics from (1) – (4) of the questions 9 above and their scale serve as basis for executing an ESIA for the project?

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

Q11 May the project involve significant social impacts?

(No)

If you answered "Yes", please describe the outline of the impacts, and reply to the questions 12 and after.
If you answered "No", please reply to the questions 12 and after.

- The likelihood of severe project-related human rights impacts ()
- Others ()

Q12. 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)

(No)

If you answered “Yes”, it is not necessary to reply to the following questions.
If you answered “No”, please reply to the questions 13 and after.

Q13. Does the project belong to either of the sectors that impact on the environment and society is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansory renovation project, and acquisition of rights and interests without additional capital investment)?

(No)

If you answered “Yes”, it is not necessary to reply to the following questions.
If you answered “No”, please reply to the questions 14 and after.

Q14. Does the project belong to the following sectors?

(Yes)

If you answered “Yes”, please specify the sector by marking, and reply to the questions 15 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) Cement plants (including a greenfield quarry)
- (11) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (12) Thermal power
- (13) Nuclear power
- (14) Hydropower, dams and reservoirs
- (15) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (16) Roads, railways and bridges
- (17) Airports
- (18) Ports and harbors
- (19) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (20) Waste management and disposal
- (21) Agriculture involving large-scale land-clearing or irrigation
- (22) Forestry
- (23) Tourism (construction of hotels, etc.)

Q15. 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 ESIA is required on account of the large scale of the project in the country where the project is implemented.

The development comprises the following components:

- Constructing a new gas plant, with an export capacity of 250 terajoules (TJ) per day,
- Drilling up to six (6) new wells (and up to five (5) exploration and appraisal wells),
- Installing a gathering system comprising flowlines and hubs to convey the extracted gas to the plant onto the gas distribution network and
- Installing a flowline from the new gas plant for water re-injection to the formation via disused petroleum production wells.

The execution of an EIA was required under the West Australian *Environmental Protection Act 1986* to account for the nature of the project.