

環境チェックレポート

- (1) プロジェクト名
豪州 LNG プロジェクト
- (2) 実施場所
オーストラリア連邦／西オーストラリア州・北部準州
- (3) プロジェクト概要
ガス田等開発及び LNG 等の製造・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、パイプライン、ガスターミナル及び港湾）に該当し、影響を及ぼしやすい特性を伴い、周辺に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
同国制度に基づき環境影響評価書が作成され、当局からの承認を取得済。
- (7) 汚染対策
大気質、水質、廃棄物、騒音・振動及び生態系への影響に対して、適切な措置が講じられている旨、確認されている。
- (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
本件に伴う住民移転は発生しない。社会面への影響に対し、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
環境レビューを踏まえ、環境影響評価書承認付帯条件の遵守状況、関連

環境許認可付帯条件の遵守状況、生態系、生活・生計、文化遺産につきモニタリング予定。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site:

Offshore facilities : Approximately 820 km west south west of Darwin, Northern Territory, Australia.

Onshore facilities: Blaydin Point, Darwin, Northern Territory, Australia.

Q2. Please provide brief explanation of the project.

This project is to produce and export liquefied natural gas (LNG), liquefied petroleum gases (LPGs) and condensate. The natural gas produced will be directed to the onshore processing facilities and liquefied and exported there.

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.

- New Project Executing Project (with Claim etc.)
 Executing Project (without Claim etc.) 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.

- Required (completed) Required (under execution or under planning)
 Not Required 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.

- Approved (without condition) Approved (conditional)
 Under approval process Others (Please specify)

Date of Approval : 17 May 2011 (The date of Environmental Assessment Report publication by Northern Territory government)

Name of Authorities : Northern Territory government

Date of Approval : 27 June 2011

Name of Authorities : Australian Commonwealth government

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

- Obtained Required, but not obtained yet
 Not required Others (Please specify)

Name(s) of required permit(s) :

Obtained: License to take fauna for scientific purposes, Authority to enter Department of Conservation and Land Management land and/or waters , Authority certificates , Permit to take wildlife for commercial purposes, Permit to take wildlife for commercial purposes, Development permits

Not obtained: Environment plan approval required, Major hazard facility safety report and licence, Security

plan approval required, Clearance of development area for Aboriginal sacred sites or archaeological sites, Approval required to interfere with any historic shipwreck covered by Commonwealth legislation, Shipping management, Licences or approvals from the minister responsible for the environment may be required for possible interference with protected species of plants or animals, Waste discharge license

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 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: 352 ha)
- (4) Deforestation (Scale: 352 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)

Decisions on the requirement for formal environmental impact assessments for a Project are made by the

Environment Minister's on advice from the environmental regulatory agencies following submission of a referral document from the Proponent.

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 Project scale will be:

Estimated reserves:	12.8 tcf of sales gas and around 527 MM bbl of condensate
Offshore field area:	800 square kilometres
Subsea infrastructure:	50 subsea wells between 12 and 15 drill centres developed over 40 years
Offshore facilities capacity:	85,000 barrels per day condensate
Subsea export pipeline:	approximately 42" diameter, 885km long
Onshore project area:	417 ha (including onshore pipeline and onshore facilities)
Onshore facilities capacity:	8.4 Mt/a LNG, 1.6 Mt/a of LPGs and 15, 000 barrels per day of condensate.

On account of its large scale and complexity, the Project required environmental assessment by both the Australian Commonwealth Government and the Northern Territory Governments.