

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
ロシア連邦ヤマル半島
- (3) プロジェクト概要
ガス田開発及び LNG 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
同国制度に基づき ESIA(環境社会影響評価報告書)が作成され、所定の承認を付帯条件付きで取得済である。
- (7) 汚染対策
大気質、水質、廃棄物、騒音・振動、土壌汚染、地盤沈下、悪臭及び底質に対して、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、適切な対策が講じられている旨、確認されている。
- (9) 社会配慮面
本事業では、新たな用地取得及び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、環境許認可、生態系及び労働環境・事故防止対策についてモニタリングを行う予定。

以 上

(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.

MATERIAL ENVIRONMENTAL PERMITS¹

1. Material Environmental Permits obtained or to be obtained before Financial Close

No.	Regulatory Approval	Permit Holder
1.	Positive conclusion by the Expert Commission of the State Environmental Expert Agency on the facility design documentation package (i.e. Russian State Environmental Expertise) relating to certain of the Initial Project Facilities, including aspects of the LNG Complex, the Upstream Facilities, the General Infrastructure and the Marine Facilities	Borrower
2.	Resolution to provide a water body for use for hydraulic structures with respect to mooring berth at the Marine Facilities – for construction	Borrower
3.	Water use contracts with Department of Natural Resources of YNAO to intake water from the water body for household needs – for construction	Borrower
4.	Projects of sanitary protection zones in intended water intake locations (i.e. Glubokoe Lake, Nameless Lake) – for construction	Borrower

2. Material Environmental Permits to be obtained after Financial Close

No.	Regulatory Approval	Permit Holder
1.	Waste water discharge permits – for construction	Construction Subcontractors
2.	Air emissions permits – for construction	Construction Subcontractors
3.	Waste disposal permits – for construction	Construction Subcontractors
4.	License to operate explosive, fire and chemically hazardous production facilities of hazard classes I, II and III – for operations	Borrower/Airport Subsidiary/Third party operators
5.	Air emissions permit – for operations	Borrower/Airport Subsidiary/Third party operators
6.	Waste water discharge permit – for operations	Borrower/Airport Subsidiary/Third party operators
7.	Resolution to provide a water body for use for hydraulic structures with respect to mooring berth in the Seaport –for operations	Borrower

¹ Approvals cover all Project-related facilities (LNG Plant, Seaport and Airport) unless specifically noted otherwise.

No.	Regulatory Approval	Permit Holder
8.	Resolution to provide a water body for use for the purpose of waste water discharge into the water body – for operations	Borrower/Airport Subsidiary/Third party operators
9.	Projects of sanitary protection zones in intended water intake locations (i.e. Ob Gulf)– for operations	Borrower
10.	Water use contract with Department of Natural Resources of YNAO to intake water from the water body for domestic, potable and production needs of the Project facilities – for operations	Borrower
11.	Waste disposal limits and projects of waste generation quotas (for solid domestic waste disposal) – for operations	Borrower/Airport Subsidiary /Third party operators
12.	License to carry out activities on collection, use, treatment and disposal of wastes of hazard classes I-IV – for operations	Borrower/Airport Subsidiary /Third party operators