

環境チェックレポート

(1) プロジェクト名
太陽光発電プロジェクト

(2) 実施場所
ヨルダン／マアーン県

(3) プロジェクト概要
太陽光発電所の建設・操業

(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特性を持つものの、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
本プロジェクトの環境社会影響評価報告書（以下、「ESIA」）は、同国制度に基づき同国 ESIA テクニカル委員会より 2014 年 7 月 10 日に付帯条件付で承認されている。また、住民等への説明会を実施済である。

(7) 汚染対策
大気質、水質、廃棄物及び騒音・振動について現地基準に沿った適切な対策計画を策定・実施している。

(8) 自然環境面
本プロジェクト内及び周辺に保護区は存在しない。また、本プロジェクト周辺に同国法及び IUCN 上の保護種は存在しない。

(9) 社会配慮面
本プロジェクトの実施に必要な用地は同国政府から使用権を取得済であり、非自発的住民移転は生じない。

(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 付帯条件の遵守状況、建設許認可及び発電許認可の取得状況についてモニタリングを実施する予定。

以上

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: 190 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.

The project area is approximately 2km² to be utilized for the development of the 52.5MW (AC base) project. The estimated power production of the project would be approximately 160GWh per annum.

In accordance with the Jordanian Environmental Protection Law No.(52) of the year 2006 and its subsequent regulations, an EIA study is required for all electricity generation projects in Jordan (regardless of method of generation or capacity). However, it is important to note that a Preliminary Environmental Assessment (PEA) has been undertaken for the project site in 2013. The PEA concluded that there are no key issues of concern associated with the project site in relation to environmental receptors.