環境チェックレポート

- (1)プロジェクト名淡水化プラント増設プロジェクト
- (2) 実施場所 カタール国/首都ドーハ南方約 15km
- (3) プロジェクト概要淡水化プラントの建設・所有・操業
- (4) カテゴリ分類カテゴリB
- (5) カテゴリ分類の根拠

本プロジェクトは、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に該当せず、影響を及ぼしやすい特性を持たず、また影響を受けやすい地域あるいはその近傍に立地せず、環境社会への望ましくない影響は重大でないため。

(6) 環境許認可

カタール国の制度に基づき作成された ESIA 報告書を同国自治環境省に 提出済であり、2019年10月に環境許認可を取得済。

(7) 汚染対策

本プロジェクトの実施による追加的な大気汚染物質の排出はなく、廃棄物や主な排水(高濃度塩水及び生活排水)についても、事業者により適切な処理が行われる予定。また、騒音についても現地基準及び国際基準を満たす計画であり、特段の懸念は予見されない。

(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

本プロジェクトによる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

事業者は、既存の環境管理計画に沿って建設期間中及び操業期間中にモニタリングを実施し、その結果を定期的にカタール国自治環境省に提出する予定。

以 上

Q1.	Please provide the address of the project site.		
	Address of the project site: Umm Al Houl, A	<u> 11 Wa</u>	akrah, Qatar
Q2.	Please provide brief explanation of the project	et.	
Cons	truction and operation of a reverse osmosis de	salina	ation plant
infor		ocal r	ecuting project? In case of an executing project, please esidents, as well as improvement guidance or cessation nental authorities.
	□ New Project□ Executing Project (without Claim etc.)		Executing Project (with Claim etc.) Others (Expansion Project)
on th			vironmental and Social Impact Assessment (ESIA) based of is to be implemented? If necessary, please inform the
	Required (completed)		equired (under application and target date of completion of ESIA by 1st November 2019)
	□ Not Required	<u> </u>	Others (Please specify)
the e		the co	Form whether ESIA report is already approved based on buntry where the project is to be implemented or not. If and name of authorities of the approval.
	□ Approved (without condition)□ Under approval process		Approved (conditional) Others (Please specify: ESIA is under application)
	nte of Approval:		
Q6. perm	If environmental and social permit(s) other it(s). Have you obtained required permit(s)?	than	ESIA is required, please provide the name of required
. [□ Obtained □ Not required		Required, but not obtained yet thers ()
Na ① ②	me(s) of required permit(s): If dewatering is required during construction Renewal of environmental permit certificate		
			not specify the project at this stage (e.g. export or lease or Two Step Loan that cannot specify the project at the
	(Yes / <u>No</u>)		

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 / No) 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) Forests with important ecological value (including primary forests and natural forests in tropical areas) Habitats with important ecological value (including coral reefs, mangrove, wetland and tidal flats.) Habitats of rare species requiring protection under domestic legislation, international treaties, etc. Areas in danger of large-scale salt accumulation or soil erosion Areas with a remarkable tendency towards desertification Areas with unique archaeological, historical or cultural value 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/No)If you answered "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and 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: vear) (3) Land reclamation, development and/or clearing (Scale: ha) (4) Deforestation (Scale: ha) 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?

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

(Yes/No)

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)

(Yes-/ <u>No)</u>

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-expansionary renovation project, and acquisition of rights and interests without additional capital investment)?

(Yes-/ 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?

 $(\frac{\text{Yes}}{\text{No}})$

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)
		Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
		Thermal power
	(13)	Nuclear power
		Hydropower, dams and reservoirs
Ш	(15)	Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale
-		logging or submarine electrical cables
Ц		Roads, railways and bridges
		Airports
		Ports and harbors
Ш	(19)	Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their
;		vicinity
		Waste management and disposal
닏		Agriculture involving large-scale land-clearing or irrigation
Ц	1	Forestry
\Box	(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, pleased 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.