環境チェックレポート

- (1)プロジェクト名 石油製品等引取(製油所改修)
- (2) 実施場所 ベネズエラ・ボリバル共和国カラボボ州
- (3)プロジェクト概要製油所改修プロジェクト
- (4)カテゴリ分類カテゴリA
 - (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(石油精製)に該当するため。

(6) 環境許認可

同国制度に基づき EIA が作成され、2010 年 6 月にベネズエラ・ボリバル共和国政府より承認を取得済である。

(7) 汚染対策

大気質、水質、廃棄物及び騒音・振動対策について、現地基準等に沿った適切 な対策計画を策定・実施している。

(8) 自然環境面

サイト内に貴重種に分類されている動植物は確認されていない。

(9) 社会配慮面

本プロジェクトによって用地取得及び住民移転は発生せず、特段社会配慮面で留意すべき事項はない。

(10) その他・モニタリング

上述の環境レビューを踏まえ、大気質及び水質に関するモニタリングを実施する予定。

Questions

Ų1.	Please provide the address of the project site.								
	Address of the project site: El Palito Refinery, Moron. Estado Carabobo-Venezuela								
Q2.	Please provide brief explanation of the project.								
	The El Palito Refinery Expansion Project is designed to install a series of units to process heavy crude oil with minimum residual production, and to conform to environmental standards and social surroundings of the facility.								
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 (without Claim etc.)		Executing Project (with 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) Not Required		Required (under execution or under planning) 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) Under approval process		Approved (conditional) Others (Please specify)						
	ite of Approval : ime of Authorities :								
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 ■ Not required		Required, but not obtained yet Others (Please specify)						
Na	me(s) of required permit(s) :								
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) No								
If you answered "Yes", it is not necessary to reply to the following questions.									
+ Z									

If you answered "No", please reply to the following questions.

ગ્રે8.	Are there any environmentally sensitive area shown below in and around project site?							
	(Yes / I No.		ility is portside	but is not desid	mated as a part of a	national park.]		
[Note: The location of the facility is portside, but is not designated as a part of a national park.] 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.								
		habitats of minorities of Primeval forests, tropic Ecologically important Habitats of endangers international agreement Areas that have risks of Desertification areas Areas with special value	or indigenous po cal natural forest habitats (coral aspecies of nts. of large scale in ues from archae indigenous po	opulations, herfists reefs, mangrov which protection crease in soil se	tage sites, etc.) e, tidal flats, etc.) on is required unde alinity or soil erosio	er local laws and n viewpoints		
Q9. Does the project involve following characteristics?								
(Yes / No) Yes [Note: The location of the project is not located in a forest area, as can seen in the attached photograph. For the purpose of leveling the project site, the bushes covering the installation area shall be removed.								
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.								
	(2) Pt (3) La	voluntary resettlement umping of groundwater and reclamation, develo eforestation	(Number of re (Scale: pment and/or c (Scale:) m ³ /year) 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	o (Please specify)	They do not	• • •			
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) 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) Nο 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. Does the project belong to the following sectors? Q13. (Yes / No) Yes 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, pleased 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 El Palito Refinery Expansion Project will optimize the processing capacity by installing quality improving process units for processing 140,000 barrel per day of heavy crude oil (API 22°), which is designed to comply with environmental standards and social surroundings of the facility as well as to maximize the production of middle-stream fractions of exportable quality, with minimum residual production lead to improve the refining margin.

No, in Venezuela there is a law (Decree 1257) which states that any project in the hydrocarbon sector to be executed in the country needs to comply with the Decree 1257 and complete an EIA, regardless of the project scale, for any project activities to be conducted outside of existing facility areas or in newly assigned areas.