環境チェックレポート

- (1) プロジェクト名エチレン製造プラント増設用機器輸出プロジェクト
- (2) 実施場所 トルコ共和国イズミール地区
- (3) プロジェクト概要 エチレン製造プラント増設用機器の輸出
- (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 油化学セクター)に該当するため。
- (6) 環境許認可・住民説明 同国制度に基づき EIA (環境アセスメント報告書) が作成され、同国環 境省より承認されている。また、住民等への説明会を実施済みである。
- (7) 汚染対策 大気質、水質、廃棄物及び騒音・振動について、適切な対策計画を策定、 実施している。
- (8) 自然環境面 サイトから 5km の距離に保護区が存在するが、本事業による直接の影響 は予見されない。
- (9) 社会配慮面 本プロジェクトでは、用地取得及び住民移転は生じない。
- (10) 適用国際基準 世界銀行・セーブガードポリシー

(11) 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、水質、騒音ついてモニタリング を行う予定である。

以 上

Questions

Q1.	Please provide the address of the project site.				
	Address of the project site: PO 12, 35801 Al	iaga,	Izmir, Turkey		
	Please provide brief explanation of the project		f Ethylene Plant.		
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 ProjectExecuting 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)		
Date of Approval:07.11.2012 Name of Authorities:Ministry of Environment and Urban Planning- General Directorate of Environmental Impact Assessment, Permission and Audit					
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)					

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	e any environmentally sensitive area shown below in and around project site?
((Yes /No)	
		d "Yes", please select applicable items by marking, and reply to following questions. d "No", please reply to questions 9 and after.
	\square (1) \square (2)	National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.) Primeval forests, tropical natural forests
	$\square (3)$ $\square (4)$	Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.) Habitats of endangered species of which protection is required under local laws and international agreements.
	$ \Box (5) $ $ \Box (6) $	Areas that have risks of large scale increase in soil salinity or soil erosion Desertification areas
	□(7) □(8)	Areas with special values from archaeological, historical and/or cultural viewpoints 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)	
after.		d "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and d "No", please reply to questions 11 and after.
	$ \begin{array}{cc} \square & (2) \\ \square & (3) \end{array} $	Involuntary resettlement (Number of resettlers:) Pumping of groundwater (Scale: m³/year) Land reclamation, development and/or clearing (Scale: ha) Deforestation (Scale: ha)
-		the environmental impact assessment system of the country where the project is to be to the applicable characteristics from (1) – (4) above and their scale serve as basis for executing project?
	They do	They do not Please specify
	loan equa	BIC share in the project be equal or less than 5% of the total project cost, or the total amount of all or less than SDR 10 million? (In the case of additional support for a past project, this shall be d total amount)
((Yes /No)	
		d "Yes", it is not necessary to reply to the following questions. d "No", please reply to questions 12 and after.
is	not antici	ne project belong to either of the sectors that impact on the environment is deemed immaterial or pated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary roject, 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?



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.

ш	(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
Į	(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
		Waste management and disposal
		Agriculture involving large-scale land-clearing or irrigation
		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.

- Ethylene plant sits on an area of 67,507 sqm
- Production capacity; 587,600 /y Ethylene