環境チェックレポート

(1) プロジェクト名

石油精製品の製造・販売プロジェクト

(2) 実施場所

トルコ共和国 / イズミル県

(3)プロジェクト概要

石油精製品の製造・販売を実施するもの。

(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(石油精製セクター)に該当し、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

本プロジェクトの環境影響評価報告書(以下、「EIA 報告書」)は、同国制度に基づき同国環境都市計画省(以下、「当局」)より承認取得済。製油所で使用するタンクの増設に伴う許認可も当局から取得する予定。

(7)污染対策

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

本プロジェクトサイト内又は近傍地域に保護区は存在しない。サイト内、サイト周辺に保護種が生息する可能性があるが、影響緩和策が実施される計画。

(9)社会配慮面

本プロジェクトにおいては、新たな用地取得及び非自発的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

(11)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、大気質及び生態系に関するモニタリングを実施する予定。

以 上

Questions

Q1. Flease provide the address of the project site.	•			
Address of the project site: Aliağa-Izmir/TUI	RKEY			
Q2. Please provide brief explanation of the project	ct.			
The project will be a complex crude oil refin	nery.			
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.				
X 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.				
X Required (completed)	Required (under execution or under planning)			
☐ Not Required	☐ Others (Please specify			
environmental assessment system of the country walready approved, please provide the date and name X Approved (without condition) Under approval process	e inform whether EIA report is already approved based on the there the project is to be implemented or not. If EIA report is e of authorities of the approval. Approved (conditional) Others (Please specify			
Date of Approval: 08.12.2009				
Name of Authorities: Ministry of Environmen	t and Forestry, EIA and Planning General Directory			
	•			
Q6. If environmental permit(s) other than EIA Have you obtained required permit(s)?	a is required, please provide the name of required permit(s).			
	β ,			
☐ Obtained	Required, but not obtained yet			
Not required	X Others (Please specify: Other Permits will be required			
After the completion but prior to the operation. Names of the Permits required after the completion Temporary Activity Certificate Wastewater Discharge Permit Hazardous Substances Discharge Permit Air Emissions Permit Noise Control Permit	l :			
Waste Reception License Coastal Facility Emergency Response Plan)	·			

)	
No	•		•	
	"Yes", it is not necessary "No", please reply to the	to reply to the following que following questions.	estions.	
Q8. Are there	any environmentally sens	sitive area shown below in an	d around project site?	
Yes	·			
	"Yes", please select appl "No", please reply to que		reply to following questions.	
:	minorities or indigenous j	populations, heritage sites, etc	ment (coastal areas, wetlands,	habit
` ` `	Primeval forests, tropical	natural forests abitats (coral reefs, mangrove	tidal flata ata)	
			required under local laws and in	itema
·	agreements.			.1(01114
		arge scale increase in soil sali	nity or soil erosion	
	Desertification areas Areas with special values	from archaeological historic	cal and/or cultural viewpoints	
, ,			adic people with traditional li	fe stv
	areas with special social v		. 1 1	
			•	
	•			•
Q9. Does the	project involve following	characteristics?		,
	project involve following	characteristics?		
Q9. Does the y	project involve following	characteristics?		,
Yes If you answered	_		teristics, and reply to the quest	· ions 1
Yes If you answered after.	"Yes", please describe t	he scale of applicable charac	teristics, and reply to the quest	ions 1
Yes If you answered after.	_	he scale of applicable charac	teristics, and reply to the quest	ions 1
Yes If you answered after. If you answered	"Yes", please describe t	he scale of applicable charac	teristics, and reply to the quest	ions 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1	"Yes", please describe t "No", please reply to que Involuntary resettlement Pumping of groundwater	he scale of applicable charac estions 11 and after. (Number of resettlers: (Scale:) M³/year)	ions 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3)	"Yes", please describe t "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, devel	he scale of applicable charac estions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale)) M³/year)	ions 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1	"Yes", please describe t "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, devel	he scale of applicable charac estions 11 and after. (Number of resettlers: (Scale:) M³/year)	ions 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3)	"Yes", please describe t "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, devel	he scale of applicable charac estions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale)) ^{m³} /year) è: 162 ha)	ions 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3) NO (4) 1	"Yes", please describe to "No", please reply to que involuntary resettlement Pumping of groundwater Land reclamation, developed the environmental impage.	he scale of applicable charactestions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale) (Scale:) m³/year) e: 162 ha) ha) the country where the project	et is:
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3) NO (4) 1	"Yes", please describe to "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, developerate to the environmental impaint the environmental impaint the applicable characters."	he scale of applicable charactestions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale) (Scale:) ^{M³} /year) è: 162 ha) ha)	et is:
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3) NO (4) 1 Q10. Under implemented, do	"Yes", please describe to "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, developerate to the environmental impaint the environmental impaint the applicable characters."	he scale of applicable charactestions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale) (Scale:) m³/year) e: 162 ha) ha) the country where the projected their scale serve as basis for	et is 1
Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3) NO (4) 1 YES (3) Q10. Under implemented, do an EIA for the point NO (4) YES (3)	"Yes", please describe to "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, developerate to the environmental impaint the environmental impaint the applicable characters."	he scale of applicable characterions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale: (Scale: act assessment system of tristics from (1) – (4) above a) m³/year) e: 162 ha) ha) the country where the projected their scale serve as basis for	et is 1
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Yes If you answered after. If you answered NO (1) 1 NO (2) 1 YES (3) NO (4) 1 Q10. Under implemented, do an EIA for the p X They do Others (E	"Yes", please describe to "No", please reply to que Involuntary resettlement Pumping of groundwater Land reclamation, developeration the environmental impains the applicable character roject? Please specify IC share in the project be led or less than SDR 10 mi	he scale of applicable characterions 11 and after. (Number of resettlers: (Scale: opment and/or clearing (Scale) (Scale: act assessment system of tristics from (1) – (4) above a They do not) e equal or less than 5% of th) m³/year) e: 162 ha) ha) the country where the projected their scale serve as basis for	et is i

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)?

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.

Q13. Does the project belong to the following sectors?

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)
<u>x</u>	(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,
		Hydropower, dams and reservoirs
	(14)	Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale
_		logging or submarine electrical cables
		Roads, railways and bridges
Ц	, ,	Airports
	• •	Ports and harbors
	(18)	Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or
		their vicinity
		Waste management and disposal
Ц		Agriculture involving large-scale land-clearing or irrigation
		Forestry
Ш,	(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.

TOTAL PROJECT AREA: 215 ba

AREA OF PLANT AND BUILDINGS: 135 ha

JETTY AREA: 27ha

ADDITIONAL SERVICE AREA OF JETTIES: 53 ha

PRODUCTION CAPACITY: 10.000.000 ton/year (214.000 barrels/day) Crude Oil Cap. AMOUNTS OF POWER GENERATION:101.5 MWh

General EIA is required and has been completed.

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