

Results of Environmental Review

- (1) Reference Number  
18-042
- (2) Project Name  
Rehabilitation of the Port of Sacomar
- (3) Project Site  
Namibe city, Namibe province, Angola
- (4) Project Outline  
Rehabilitation of the port of Sacomar
- (5) Category  
A
- (6) Reason of Categorization  
The project falls into the large-scale Ports and Harbors sector under the Environmental Guidelines.
- (7) Environmental Permission / Approval by the Environmental Authority  
The Environmental and Social Impact Assessment report was made under the laws and regulations in Angola, and it was approved conditionally by the Ministry of Environment in February 2019.
- (8) Pollution Prevention  
Appropriate measures are being planned regarding air quality, water quality, waste, soil contamination, noise, and so forth.
- (9) Natural Environmental Considerations  
There is no natural protection area or habitat for rare species in and around the premises. Appropriate measures are being planned.
- (10) Social Considerations  
Involuntary resettlement and land acquisition does not occur. Appropriate measures are being planned regarding cultural heritage around the premises and other social

aspects.

(11) Applied International Standards  
IFC Performance Standards

(12) Monitoring

Environmental Management Plan and Monitoring Plan will be made, and monitoring result will be reported to the Ministry of Environment every six months.

(end)

## Questions

**Q1.** Please provide the address of the project site.

Address of the project site : Sacomar Iron Ore Terminal t, Namibe Province  
(1,000km from the capital Luanda), Angola

**Q2.** Please provide brief explanation of the project.

1. "Construction of new berth in Sacomar (Renewal)"
2. This terminal will be utilized specifically only for exporting iron ore
3. Scope of Work: (1) Civil work for new terminal (520m x 21m deep)  
(2) Landside Building Construction

(Background)

Sacomar Ion Ore Export Terminal was used as a part of Kassinga Iron Ore Mining Project in 1960s and 1970s. Sacomar export terminal was constructed in 1967 and its operation was stopped in 1978.

Ferrangol (Empresa Nacional de Ferro de Angola) started again Kassinga Iron Ore Exploration and Export Project and necessary procedures setting up a joint venture company AEMR around 2010.

But AEMR stopped its activities in 2015 and left this project.

In 2016, Ferrangol again started again to set up Kassing Iron Ore Mine and Saco Mar Export Terminal.

Originally Sacomar belonged to Ministry of Transport so now Ministry of Transport, Institute Maritime Portuário de Angola (IMPA) and Empresa Portuária do Namibe (EPN) are working this project with Ferrangol. The owner of Sacomar is Ministry of Transport, while the Operator of Kassinga Iron Ore Mine and Sacomar is Ferrangol under Ministry of Mineral Resource and Petroleum.

**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.

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> New Project                 | <input type="checkbox"/> Executing Project (with Claim etc.) |
| <input type="checkbox"/> Executing Project (without Claim etc.) | <input type="checkbox"/> Others (Please specify )            |

**Q4.** In case of this project, is it necessary to execute Environmental and Social Impact Assessment (ESIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of ESIA.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Required (completed ) | <input type="checkbox"/> Required (under execution or under planning) |
| <input type="checkbox"/> Not Required                     | <input type="checkbox"/> Others (Please specify )                     |

**Q5.** In case that ESIA is already completed, please inform whether ESIA report is already approved based on the environmental and social assessment system of the country where the project is to be implemented or not. If ESIA report is already approved, please provide the date and name of authorities of the approval.

- |   |   |
|---|---|
| <input type="checkbox"/> Approved (without condition) | <input type="checkbox"/> Approved (conditional)                                   |
| <input type="checkbox"/> Under approval process       | <input checked="" type="checkbox"/> Others (Please specify: Waiting for Approval) |

Date of Approval : It is under a final stage of approval and issuance of EIA certificate

Name of Authorities : Ministry of Environment

**Q6.** If environmental and social permit(s) other than ESIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?



for executing an ESIA for the project?

- They do  They do not  
 Others (Please specify \_\_\_\_\_ )

**Q11** May the project involve significant social impacts?

No

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 ( \_\_\_\_\_ )  
 Others ( \_\_\_\_\_ )

**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)

(No)

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

(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?

(Yes)

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)  
 (11) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.  
 (12) Thermal power  
 (13) Nuclear power

- (14) Hydropower, dams and reservoirs
- (15) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (16) Roads, railways and bridges
- (17) Airports
- (18) Ports and harbors
- (19) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (20) Waste management and disposal
- (21) Agriculture involving large-scale land-clearing or irrigation
- (22) Forestry
- (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, please 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.

- (1) Scale of the Project:-
- 1) Project Area : approx. 10,000m<sup>2</sup> Marine Jetty and existing back yard approx..20 ha
  - 2) Plants/Buildings: To be located in above area
  - 3) Land reclamation, development and/or clearing : Nil
  - 4) Dredging 40,000 m<sup>3</sup>
  - 5) The size of vessels which can navigate:  
Maximum 330m, 250,000DWT Iron Ore Carrier

(2) EIA on account of large scale of the project:

Scale of the project is not applicable to EIA approval but nature of the project (Port Project in this case) is applicable to EIA approval.