

Environmental Examination Report

1. Project Name: Pellet Plant Project
2. Project Site: India/Orissa
3. Project Outline: Setting up of a pellet plant
4. Category: A
5. Reason of Categorization: The project has sensitive characteristics under the Environmental Guidelines.
6. Environmental Permits and Approvals: Environmental Impact Assessment Report has been approved by the authorities of the host country's government. Necessary permits and approvals of the construction and water intake have been obtained.
7. Anti-Pollution Measures: Projected impacts on air quality satisfy the local standards and largely international standards. Discharged water is planned to be reutilized within the project site.
8. Natural Environmental Considerations: The project site is not located in the naturally protected areas designated by the host country's government. It has been confirmed that the project site does not encompass the habitats of nationally protected endangered species.
9. Social Considerations: With the land acquisition, necessary compensations have been paid to all resettled and project affected families.
10. Others & Monitoring: Under this project, monitoring will be conducted over air quality and living conditions of the resettled families.



Questions

Q1. Please provide the address of the project site.

Address of the project site

Village Deojhar,  
Tehsil Barbil,  
District Keonjhar,  
Orissa,  
India

Q2. Please provide brief explanation of the project.

proposing a 2x5 MTPA coal fired Pelletizing project to be build at Barbil site in the State of Orissa, India. This will be accomplished in two phases, each comprise of 5 MTPA. The pellets should be in -16 mm +6 mm sizes and shall be used as oxidized feed with/without flux addition for sponge iron kiln and blast furnace iron making.

Q3. Will JBIC loan be applied to a new project or an executing project? In case of executing project, please inform the presence of strong claims by local residents.

New Project

Executing Project (with Claim)

Executing Project (without Claim)  Others  Please specify



Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations? If necessary, please inform the progress of EIA.

- Required (Completed)                       Required (Under execution or under planning)  
 Not Required                                       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 or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

- Approved (without condition)                       Approved (conditional)  
 Under approval process                       Others (Please specify \_\_\_\_\_ )

Date of Approval  August 01, 2008

Name of Authorities  Ministry of Environment and Forest, Government of India

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     Required, but not obtained yet  
 Not required     Others (Please specify \_\_\_\_\_ )

Name(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 any environmentally sensitive area shown below in and around project site?

(Yes / No)

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.

- (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
- (2) Primeval forests, tropical natural forests
- (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
- (4) Habitats of endangered species of which protection is required under local laws and international agreements.
- (5) Areas that have risks of large scale increase in soil salinity or soil erosion
- (6) Desertification areas
- (7) Areas with special values from archaeological, historical and/or cultural viewpoints
- (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following elements?

(Yes / No)

If you answered "Yes", please describe the scale of applicable elements, and reply to the questions 10 and after.

If you answered "No", please reply to questions 11 and after.

- (1) Involuntary resettlement (Number of resettlers: 78 houses)
- (2) Pumping of groundwater (Scale: ton/year)
- (3) Land reclamation and/or development (Scale: ha)
- (4) Deforestation (Scale: ha)

Q10. Please reply to this question only in case that the project involves some of the above (1) to (4) elements. In the country where the project is planned; are there any regulations on a scale of the elements asked in question 9? If the country has such regulation, please answer whether the project satisfies the regulation or not.



- Regulation is applicable ( satisfied  not satisfied)     No regulation  
 Others (Please specify \_\_\_\_\_ )

Please reply to questions 11 and after.

**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?

(Yes / 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-expansary renovation project, acquisition of rights or interest without additional plant 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?

(Yes / No)

- 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) Hydro power plant, Dam or water reservoir
- (2) Thermal power plant
- (3) Mines
- (4) Development of oil and gas
- (5) Pipeline



- (6) Steel industry (with large scale furnace)
- (7) No-ferrous metal refining
- (8) Petrochemical (including manufacturing of raw materials and petrochemical complex)
- (9) Terminal of oil, gas and chemicals
- (10) Petroleum refining
- (11) Paper and pulp
- (12) Manufacturing and/or transportation of hazardous substances (specified by international agreement)
- (13) Road, railway or bridge
- (14) Airport
- (15) Port
- (16) Waste material processing or treatment
- (17) Treatment of sewage and/or waste water that includes hazardous substances or executed at environmentally sensitive area
- (18) Power transmission and/or distribution lines (including large scale involuntary resettlement, large scale deforestation or submarine cable)
- (19) Tourism (Construction of hotel, etc.)
- (20) Forestry or tree planting
- (21) Agriculture (large scale project and/or project including irrigation)

**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, please 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.