

JCM Sustainable Development Implementation Report Form**A. Project description**

A.1. Title of the JCM project

ID001_ Energy Saving for Air-Conditioning and Process Cooling by Introducing High-efficiency Centrifugal Chiller
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A.2. General information of project

Reference Number	ID001
Registration date	31/10/2014
Monitoring period	Start: 01/03/2014, End: 31/07/2015

B. Contribution to Sustainable Development

B.1 Check list for contribution to SD

No.	Items		Not identified	Identified	If "Identified" is checked in the box, please describe the corrective actions
1	EIA	Project is included in the EIA reporting to the Government of Indonesia	<input checked="" type="checkbox"/>		
2	Pollution Control	Occurrence of pollution in ambient air quality	<input checked="" type="checkbox"/>		
3		Occurrence of pollution in water quality	<input checked="" type="checkbox"/>		
4		Occurrence of waste generation	<input checked="" type="checkbox"/>		
5		Occurrence of noise and/or vibration	<input checked="" type="checkbox"/>		
6		Occurrence of ground subsidence	<input checked="" type="checkbox"/>		
7		Occurrence of ambient odor	<input checked="" type="checkbox"/>		
8	Safety and health	Occurrence of accident or occupational accident	<input checked="" type="checkbox"/>		
9	Natural Environment and biodiversity	Change of protected area condition	<input checked="" type="checkbox"/>		
10		Change of land use change and ecosystem condition	<input checked="" type="checkbox"/>		
11		Introduction of foreign species	<input checked="" type="checkbox"/>		
12		Environmental impact during construction	<input checked="" type="checkbox"/>		
13		Use of surface water, ground water and/or deep ground water		<input checked="" type="checkbox"/>	Necessary water use permission is obtained, i.e., (i) Groundwater utilization license (SIPA) (No. 503/794/A/2010, issued by Dept. of Energy and Mineral Resources, The provincial government of Central Java) and (ii) water service agreement (No.697/104/2014, Agreement with Batan District Water Service) for river water and industrial water usage.
14	Economy	Decrease in local workforce capacity	<input checked="" type="checkbox"/>		
15		Declination of local community welfare	<input checked="" type="checkbox"/>		
16	Social Environment and Community Participation	Occurrence of resettlement or conflict	<input checked="" type="checkbox"/>		
17		Failure to follow up comments and complaints successfully	<input checked="" type="checkbox"/>		
18		Violation of regulatory working condition	<input checked="" type="checkbox"/>		

19	Technology	Failure to build human and institutional capacity by technology transfer	<input checked="" type="checkbox"/>		
20		Failure to provide technology specification and manual book at least in English and in Bahasa Indonesia as applicable	<input checked="" type="checkbox"/>		

References

Item No.13: (i) Groundwater utilization license (SIPA) (No. 503/794/A/2010, issued by Dept. of Energy and Mineral Resources, The provincial government of Central Java) and (ii) Water service agreement (No.697/104/2014, Agreement between Batan District Water Service and PT Primatexco Indonesia).

Revision history of SDIR

Version	Date	Contents revised
1.1	05/02/2016	The water use permission obtain by the Project Participant is stated in item No.13 and References.