

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

## A.1. Title of the JCM project

Installation of Inverter-type Air Conditioning System, LED Lighting and Separate Type Fridge Freezer Showcase to Grocery Stores in Republic of Indonesia

## A.2. General information of project

Reference Number	ID006
Registration date	3 June 2016
Monitoring period	Start: 01/03/2014, End: 31/05/2016

## B. Contribution to Sustainable Development

### B.1 Check list for contribution to SD

[Store 1 (Alfamidi Raden Saleh 3)]

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"/>		
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"/>		

[Store 2 (Alfamidi Kebagusan 2)]

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"/>		
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"/>		

[Store 3 (Alfamidi Surya Darma)]

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"/>		
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"/>		

[Store 4 (Alfamidi Meruyung)]

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"/>		
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"/>		

## [Store 5 (Alfamidi Tebet Timur Dalam)]

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"/>		
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"/>		

[Store 6 (Alfamidi Palmerah Utara)]

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"/>		
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"/>		

[Store 7 (Alfamidi Matraman Raya)]

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"/>		
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"/>		



## [Store 8 (Alfamidi Raya Tengah)]

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"/>		
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"/>		

## [Store 9 (Alfamidi Muncang)]

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"/>		
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"/>		

[Store 10 (Alfamidi Ceger Raya 2)]

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"/>		
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"/>		

[Store 11 (Alfamidi Sawangan 3)]

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"/>		
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"/>		

[Store 12 (Alfamidi Kampung Asem)]

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"/>		
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

Revision history of SDIR		
Version	Date	Contents revised
1.0	26/08/2016	