

**Memo**

<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	1 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 1 March 2022.

## 1. OVERVIEW PROGRESS

Location	Activities	Date	Remark
Project site (power plant) and adjacent area in Kalianyar, Ijen District	<ul style="list-style-type: none"> <li>■ Induction (H&amp;S)</li> <li>■ Site walkover and photo taking of potential sensitive receptors area, (school, worship facilities, residential areas etc.)</li> <li>■ Interview with project representative (engineering &amp; security)</li> </ul>	1/3	On Schedule

## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
2 March 2022	Project Area (transmission line) <ul style="list-style-type: none"> <li>■ PTPN XII</li> <li>■ Perhutani</li> <li>■ Protected Forest</li> <li>■ Kalibendo Plantation</li> </ul>	<ul style="list-style-type: none"> <li>■ Site walkover and photo taking (proposed site for tower development)</li> <li>■ Discussion with representative of protected forest/Perhutani/PTPN XII staff</li> <li>■ Discussion with MCG resettlement team</li> </ul>
	Kalianyar Village	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, markets, cultural heritage sites, residential areas etc.)</li> <li>■ Key Informant Interview (KII) with Village leader</li> </ul>

### 3. PHOTOS



Farmer's hut near the drilling point of IJN 05 (<150 m)



Agricultural activity within the Project Area



Tourism spot (Blawan hot spring) near Project's associated infrastructure/ water intake (500 m)



Tourism facility (part of Wurung Crater) near the drilling point of IJN 06 (650 m)



Social infrastructure within the Project Aol (1)



Social infrastructure within the Project Aol (2)



Main Access Road to Project Area (village road toward Curah Macan Sub-village)



Main Access Road to Project Area (Jl Kawah Ijen)

**Memo**

**To** Arief Pramono Sunu

**From** ERM Indonesia

**Date** 2 March 2022

**Reference** 0622516 – Medco Geothermal ESIA

**Subject** Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 2 March 2022.

## 1. OVERVIEW PROGRESS

Location	Activities	Date	Remark
Project Area (transmission line) ■ PTPN XII ■ Perhutani	<ul style="list-style-type: none"> <li>■ Site walkover and photo taking (proposed site for tower development)</li> <li>■ Discussion with representative of PTPN XII (Pak Beny and Pak Sumar)</li> </ul>	2/3	On Schedule
Kalianyar Village	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, residential areas etc.)</li> <li>■ Key Informant Interview (KII) with Head of Village*</li> <li>■ KII with Religious Leader</li> <li>■ KII with Rep of Village-owned Company (BUMDES)</li> </ul>	2/3	On Schedule

*\*ERM team has requested contacts of youth and women figure in Kalianyar to the Village Head. The team will follow-up for potential engagement agenda in the upcoming days.*

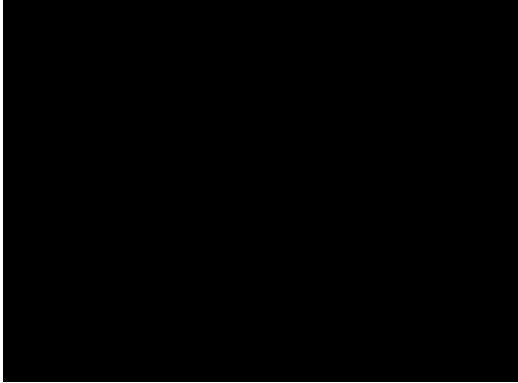
## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
3 March 2022	Project Area (transmission line) ■ Kalibendo Plantation	<ul style="list-style-type: none"> <li>■ Site walkover and photo taking (proposed site for tower development)</li> <li>■ Discussion with representative of Kalibendo Plantation</li> </ul>
	Kampung Anyar Village*	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, cultural heritage sites, residential areas etc.)</li> <li>■ Key Informant Interview (KII) with Village leader</li> </ul>

*\*The schedule is tentative due to public holiday (still waiting for schedule confirmation which facilitated by MCG team)*



### 3. PHOTOS



Discussion with Head of Kalianyar Village and Secretary of Ijen District

Interview with Religious Leader in Kalianyar Village



Office of Kalianyar Village



Social infrastructure in Curah Macan (the nearest settlement to Project area)



Social infrastructure in Curah Macan (2)



Social infrastructure in Curah Macan (3)



Proposed site for tower development in PTPN Blawan  
(Kalianyar)



Sign of proposed site for tower development (near  
Paltuding)

**Memo**

<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	3 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 3 March 2022.

**1. OVERVIEW PROGRESS**

Location	Activities	Date	Remark
Project site (power plant)	<ul style="list-style-type: none"><li>■ Induction for the additional ERM team member</li><li>■ Site walkover and photo taking, esp. sensitive receptor area and estimated area for the transmission line</li><li>■ Discussion with local farmers (around 6 people) encountered in the Project Area</li></ul>	3/3	Site walkover is intended to be done briefly. But the team encountered a group of farmers who resume their agricultural activity in the Project area (around 1km from IJN05). Hence, impromptu discussion was conducted to capture community perception and complement the socio-economic statistical data obtained from the village office.
Curah Macan Sub-village, Kalianyar Village	<ul style="list-style-type: none"><li>■ Key Informant Interview (KII) with community leader (Pak Hajir)</li></ul>	3/3	Schedule is adjusted. Site walkover to Kalibendo is moved to the next day due to time limit (considering the journey). Instead, the team conducts KII to community leader in Curah Macan to capture community perception toward the Project and learn the livelihood of the local community.
Ijen District	<ul style="list-style-type: none"><li>■ Walkover and photo taking (e.g. schools, health facility, residential areas etc.)</li><li>■ Data request on community health to nearby health facility (Puskesmas Sempol)</li></ul>	3/3	To make use of the remaining time, the team go to Puskesmas Sempol – health facility near the Project area – to request community health data. However, the team could not meet the authorized personnel and plan to follow-up in the next day.



## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
4 March 2022	Project Area (transmission line) ■ Kalibendo Plantation	<ul style="list-style-type: none"> <li>■ Site walkover and photo taking (proposed site for tower development)</li> <li>■ Discussion with representative of Kalibendo Plantation</li> </ul>
	Kampung Anyar Village	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, cultural heritage sites, residential areas etc.)</li> <li>■ Key Informant Interview (KII) with Village leader</li> </ul>

## 3. PHOTOS



Estimated area for the transmission line/ T01 (near Wurung Crater)



Fence surrounding retarding basin area near IJN06 which has been trespassed by cow of local farmer



Family farmers from nearby village (Jampit Village) harvesting potatoes approximately 1 km from IJN05



Discussion with local farmers who resume agricultural activity near IJN05



Key informant interview with community leader in  
Curah Macan Sub-village



Inpatient facility in Puskesmas Sempol (health facility  
near the Project area)



## Memo

<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	4 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 4 March 2022.

## 1. OVERVIEW PROGRESS

Date	Initial Plan	Activity	Remarks
4 March 2022	<b>Sempol Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking</li> <li>Key informant interview (KII) with village leader</li> <li>KII with informal leader</li> <li>FGD with women</li> <li>FGD with youth</li> <li>FGD with ethnic group (if any)</li> </ul>	<b>Kalibendo Plantation</b> <ul style="list-style-type: none"> <li>Site walkover and photo taking (ecosystem service)</li> <li>KII with informal leader (Pak Candra)</li> <li>KII with Osing youth</li> </ul>	<ul style="list-style-type: none"> <li>Discussion with Sempol stakeholder is moved to 6 March 2022 following stakeholder availability.</li> <li>The team is unable to go to the proposed site for transmission line in Kalibendo due to geographical constraint. Instead, the team observe springs used by surrounding villages, suggesting an element of ecosystem services.</li> <li>The team conducts an impromptu interview with Osing youth which works in Kalibendo cafe to learn the current practices of Osing community – Banyuwangi native.</li> </ul>
		<b>Grogol Village</b> <ul style="list-style-type: none"> <li>KII with village leader (Pak Isnaeni/ Village Secretary)</li> </ul>	<ul style="list-style-type: none"> <li>The team will follow-up the request of socio-economic data in Grogol Village in the coming days</li> </ul>

Notes:

- The ERM team was accompanied by one MCG personnel (lead security) throughout the site visit. Hence, ERM team can not part ways to advance the survey process. It is an ERM's health and safety rule for client to accompany consultant during community engagement given the risk of the activity.
- Through KII with Secretary of Grogol Village, the ERM team learned the state of land acquisition process for transmission line involving private property owner in several villages in Banyuwangi. The process is still on-going and strictly involves only relevant stakeholder, namely village officials and land owners. ERM team has been advised by Medco personnel on the ground that ERM survey activity in villages affected by transmission line development will be limited to village leader determined by MCG. This is to avoid any interference on the on-going land acquisition process.
- ERM team requires MCG supports for stakeholders engagement prior to focus group discussion (FGD) activities. FGD activities have yet to be conducted due to stakeholders' availability. ERM team, supported by MCG on the ground personnel is planning to conduct FGD with women in Sempol village on Sunday, 06 March 2022.

## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
5 March 2022	Bulusari Village	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, cultural heritage sites, residential areas etc.)</li> <li>■ Key Informant Interview (KII) with Village leader</li> </ul>
	Kampung Anyar Village	<ul style="list-style-type: none"> <li>■ Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, cultural heritage sites, residential areas etc.)</li> </ul>
	Pesucen Village	
	Grogol Village	
	Giri Village	

## 3. PHOTOS



Estimated area for transmission line (Tamansari)

Discussion with the representative of Kalibendo Plantation (Pak Candra)





Site walkover in Kalibendo Plantation



Springs "Patemon" in Kalibendo Plantation which used by surrounding villages (Tamansari, Bulusari & Kampung Anyar)



Water pipe, distributing clean water from springs in Kalibendo Plantation to Grogol Village

KII with Secretary of Grogol Village (Pak Isnaeni)

## Memo



<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	5 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 5 March 2022.

## 1. OVERVIEW PROGRESS

Date	Initial Plan	Activity	Remarks
5 March 2022	<b>Tamansari Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking</li> <li>Key informant interview (KII) with village leader</li> <li>KII with informal leader</li> <li>FGD with women</li> <li>FGD with youth</li> <li>FGD with ethnic group (if any)</li> </ul>	<b>Bulusari Village</b> <ul style="list-style-type: none"> <li>Site walkover and photo taking</li> <li>KII with village leader (Head of Bulupayung Subvillage)</li> </ul>	<ul style="list-style-type: none"> <li>The team will conduct KII with village leaders on the affected villages of transmission line development, on 7 March 2022, as advised by MCG team.</li> <li>The schedule and stakeholder for engagement is arranged by MCG team (security lead), given the sensitivity of the on-going land acquisition process.</li> </ul>
		<b>Kampung Anyar, Pesucen, Grogol &amp; Giri Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking (social infrastructure, etc)</li> </ul>	
		<b>Kemiren Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking (Osing traditional house)</li> </ul>	

### Notes:

- ERM team was not accompanied by any MCG personnel for survey and engagement on 5 March 2022. This may cause delay/ changes to the initial schedule. ERM Health and Safety Action Plan requires client representative (MCG) to accompany any social engagement activities.
- ERM team requires MCG supports for stakeholders engagement prior to focus group discussion (FGD) activities. FGD activities have yet to be conducted due to stakeholders'

availability. ERM team, supported and advised by MCG on the ground personnel, is planning to conduct FGD with women in Sempol village on Sunday, 06 March 2022.

- ERM team has been advised by Medco personnel on the ground that ERM survey activity in villages affected by transmission line development will be limited to village leader determined by MCG. This is to avoid any interference on the on-going land acquisition process.

## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
6 March 2022	Sempol Village	<ul style="list-style-type: none"> <li>Discussion with women group</li> <li>Village walkover and photo taking (e.g. proposed site for tower, schools, hospitals, cultural heritage sites, residential areas etc.)</li> </ul>

## 3. PHOTOS

KII with Head of Bulupayung Sub-village, Bulusari Village



Social infrastructure in Bulusari Village



Kalongan waterfall in Pesucen Village used as clean water source



Tourism spot in Pesucen Village





Replication of Osing traditional house in Kemiren



Detail of Osing traditional house in Kemiren

## Memo



<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	6 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 6 March 2022.

## 1. OVERVIEW PROGRESS

Date	Initial Plan	Activity	Remarks
6 March 2022	<b>Pesucen Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking</li> <li>Key informant interview (KII) with village leader</li> <li>KII with informal leader</li> <li>FGD with women</li> <li>FGD with youth</li> <li>FGD with ethnic group (if any)</li> </ul>	<b>Sempol Village</b> <ul style="list-style-type: none"> <li>Site walkover and photo taking</li> <li>KII with the wife of Sempol village head (unable to meet Sempol village head)</li> <li>KII with Perhutani representative</li> <li>KII with PTPN representative</li> </ul>	<ul style="list-style-type: none"> <li>The team will conduct KII with village leaders on the affected villages of transmission line development, including Pesucen Village, on 7 March 2022, as advised by MCG team.</li> </ul>

Notes:

- The schedule and stakeholder for engagement is arranged by MCG personnel on the ground in order to align with previous and current Project engagement activities.
- ERM team has been advised by MCG personnel on the ground that survey activity in villages affected by transmission line development will be restricted to village leader determined by MCG. This is to avoid any interference on the on-going land acquisition process.

## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
7 March 2022	Kampung Anyar Village	<ul style="list-style-type: none"> <li>KII with village leader</li> <li>Socio-economic data request</li> </ul>
	Bulusari Village	
	Pesucen Village	
	Giri Village	

### 3. PHOTOS

KII with the wife of Sempol village head (Bu Nurul)



Discussion with representatives of Perhutani (Pak Antok)

KII with representative of PTPN XII (Pak Subandi)



Sitewa king in Sempol Village



Spring used as one of clean water sources in Sempol Village, apart from water well



Water pumps built by villagers in Sempol Village to distribute clean water





## Memo

<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	7 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 7 March 2022.

## 1. OVERVIEW PROGRESS

Date	Initial Plan	Activity	Remarks
7 March 2022	<b>Bulusari Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking</li> <li>Key informant interview (KII) with village leader</li> <li>KII with informal leader</li> <li>FGD with women</li> <li>FGD with youth</li> <li>FGD with ethnic group (if any)</li> </ul>	<b>Kampung Anyar Village</b> <ul style="list-style-type: none"> <li>KII with Village Secretary</li> </ul>	<p>As advised by MCG personnel on the ground, ERM doesn't conduct direct survey and engagement in Pesucen and Taman Sari Villages due to limited to no initial socializations related to transmission line carried out by MCG.</p> <p>In order to avoid risks of negative perception, ERM team will avoid conducting survey/ engagement activities in the area.</p>
		<b>Bulusari Village</b> <ul style="list-style-type: none"> <li>Discussion with village apparatus</li> <li>KII with Village Head and Secretary</li> <li>KII with Head of Puskesmas Kelir</li> </ul>	
		<b>Giri Village</b> <ul style="list-style-type: none"> <li>KII with Village Head and Secretary</li> </ul>	
		<b>Sempol Village</b> <ul style="list-style-type: none"> <li>KII with Village Head</li> </ul>	

Notes:

- The schedule and stakeholder for engagement is arranged by MCG team in order to align with previous and current Project engagement activities.
- ERM team has been advised by MCG personnel on the ground that survey activity in villages affected by transmission line development will be restricted to village leader determined by MCG. This is to avoid any interference on the on-going land acquisition process.

## 2. PLAN OF THE NEXT DAY ACTIVITIES

Date	Location	Activities
8 March 2022	Jampit Village	<ul style="list-style-type: none"> <li>KII with informal leader</li> <li>Village walkover and photo taking</li> </ul>

### 3. PHOTOS

KII with Head and Secretary of Bulusari Village

KII with Head and Secretary of Giri Village

KII with Head of Puskesmas Kelir

Discussion with Bulusari village officers



Estimated area for transmission line in Giri



Access road to the proposed transmission line facility

## Memo



<b>To</b>	Arief Pramono Sunu
<b>From</b>	ERM Indonesia
<b>Date</b>	8 March 2022
<b>Reference</b>	0622516 – Medco Geothermal ESIA
<b>Subject</b>	Daily Report of Socio-Economic Survey

Dear Mr. Arief,

This report is prepared for the socio-economic survey progress undertaken on 8 March 2022.

## 1. OVERVIEW PROGRESS

Date	Initial Plan	Activity	Remarks
8 March 2022	<b>Grogol Village</b> <ul style="list-style-type: none"> <li>Village walkover and photo taking</li> <li>Key informant interview (KII) with village leader</li> <li>KII with informal leader</li> <li>FGD with women</li> <li>FGD with youth</li> <li>FGD with ethnic group (if any)</li> </ul>	<b>Jampit Village</b> <ul style="list-style-type: none"> <li>KII with informal leader</li> <li>Village walkover and photo taking</li> </ul>	Jampit Village is initially not included in the area of engagement, since it is beyond the Project Area. However, as advised by MCG personnel on the ground, it is important to engage with the informal leader (H. Zailani) in Jampit.
		<b>Ijen District</b> <ul style="list-style-type: none"> <li>Data request to Puskesmas Sempol</li> </ul>	
		<b>Kalianyar Village</b> <ul style="list-style-type: none"> <li>Additional data request to Kalianyar Village</li> </ul>	

Notes:

- The schedule and stakeholder for engagement is arranged by MCG team in order to align with previous and current Project engagement activities.
- ERM team has been advised by MCG personnel on the ground that survey activity in villages affected by transmission line development will be restricted to village leader determined by MCG. This is to avoid any interference on the on-going land acquisition process.

## 2. PHOTOS



KII with informal leader of Jampit Village



Social infrastructure in Jampit Village



Burial site of local community figure (Mbah Parto)



Torusim spot near the Project Area (Mini Niagara Fall)