

Appendix 2 – Ex-post Social Review Format

1. Information About Project																									
Name & Location of Sub-project	Sanko Geothermal Power Project, Manisa province																								
Project Sponsor	Sanko Enerji Sanayi ve Ticaret A.Ş.																								
Project Cost	51.682.370 USD																								
Installed Generation Capacity	15 MW																								
Key Dates of Implementation	<p>Beginning of land purchase: 11.08.2016</p> <p>Date of Public Interest Decision: 23.08.2016</p> <p>Date of Production license : 19.08.2010</p> <p>Public Participation Meeting: 27.09.2016</p> <p>Last land purchase: 18.10.2017</p>																								
Project Components & Land Requirements	<p>Total land purchased for the project is 84.841m². The land purchase for the project is completed. Only expropriation for the ETL is ongoing. The expropriation process of ETL is conducted by TEDAŞ. Yet the PAP's is not clear. ARAP/RAP will be prepared according to the situation when the PAPs are known.</p> <table> <tr> <td>Electrical Control Building:</td><td>2130 m²</td></tr> <tr> <td>Fans</td><td>2900 m²</td></tr> <tr> <td>Re-enjection Pumps</td><td>70 m²</td></tr> <tr> <td>Emergency Fluid Pool</td><td>524 m²</td></tr> <tr> <td>Pentane Tank</td><td>194 m²</td></tr> <tr> <td>Fire Tank</td><td>361 m²</td></tr> <tr> <td>Firefighting Pump Station House</td><td>123 m²</td></tr> <tr> <td>Hydrofoil Building</td><td>123.5 m²</td></tr> <tr> <td>Well head area (for each well)</td><td>226.56 m²</td></tr> <tr> <td>Warehouse</td><td>480 m²</td></tr> <tr> <td>Muffler</td><td>121.83 m²</td></tr> <tr> <td>Pipelines</td><td>6,2 km.</td></tr> </table>	Electrical Control Building:	2130 m ²	Fans	2900 m ²	Re-enjection Pumps	70 m ²	Emergency Fluid Pool	524 m ²	Pentane Tank	194 m ²	Fire Tank	361 m ²	Firefighting Pump Station House	123 m ²	Hydrofoil Building	123.5 m ²	Well head area (for each well)	226.56 m ²	Warehouse	480 m ²	Muffler	121.83 m ²	Pipelines	6,2 km.
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2. Entitlement Matrix				
Project Component	Project Impact	Category of Affected Person	Entitlement	Additional Provisions
Power Station	Permanent Land Take	Land Owner	Full replacement cost	-

	Wells	Permanent land take	Land owner	Full replacement cost	-
	ETL	Permanent land take for pole locations and easement for power lines	Land owner	Full replacement cost for pole locations +easement fees applied by law for power lines	Once easement is established for the power lines, lands will be made available for land owners and users to continue agricultural activities. However some limitations such as building structures of certain height etc. may apply to subject land.
	Pipelines	Permanent land take	Land owner	Full replacement cost	-

3. Inventory of Land & Assets Acquired from Private Owners (Completely Volunteer Purchased) (Provided in Excel Sheet)

3.1. Inventory of Land & Assets Acquired from Private Owners (Expropriation)

Name of Owners/land user	90 % of the lands purchased for the project were belong to Ayşe Demir, Melahat Bolel, İsmail Demir, Mehmet Demir and İbrahim Demir. Other land owner names can be found at Sanko Land Acquisition Table.
Project Component: Area(s) / plots(s) acquired (ha)	84.841m ² area was purchased.
Owner's/user's total land holding (ha); % taken for project	%100
Land use: pasture, agriculture, residence, etc.	These lands were farmlands.
Inventory of any structures or other fixed or productive assets (wells, fences, trees, field crops, etc) affected	There were no structure on these lands except the hut at parcel 1181. The reson unit price of this parcel distinguishes from other parcels is that this parcel was bought one year lather than the others (29.05.2017). Hut price is included to the parcel 1181's price. And also the company is helping the owner of the 1181 parcel to irrigate his lands with the wells that is in the area.

	Only at parcels, 1181 and 1182 and 28 silage maize was planted. The crops are also compensated. Parcel 40 was empty.
Indicate if land was rented or informally used by another party	The lands were not rented; and they weren't used by another party.
Indicate if non-owner users had assets, trees, crops, etc affected	No non-owner user.
Indicate if land-based activity is significant source of income for owner or land user	The owners of these lands are not making their living from only these lands. All the land owners have other farmlands from these purchased for the Project. The land owners, who own the 90% of the purchased lands, are all living in Salihli District.
Compensation paid (add transaction fee)	<p>Totally 2.099.556 TL was paid to the land owners within the scope of voluntary purchase. The project sponsor declared that, they paid twice the market value to the land owners. This was also justified through interviews with PAPs who received compensation during the site visit at 15.11.2017.</p> <p>The Project Owner decided to conduct land purchase by voluntary purchase method in order to provide better relationship with the land owners and ease the land purchase process. Firstly, detailed price research was conducted around the project area. For this purpose, detailed interviews were conducted with real estate agents, mukhtars and people who intentioned to sell their lands, and prices of similar lands near project site was determined. Also, detailed research was carried out for the expropriation prices for the lands at Salihli district for different projects. After that, Prices were negotiated with the land owners and the payments were about twice of the previously determined expropriation prices.</p> <p>After the company did geophysics studies, they decide exact location for drilling. And started to interview with the people who has lands. Some of them do not want to sell, so the company try to buy somewhere else, they plan redirecting drilling. So the price of units depend on the land owner and the importance of the location for their drillings.</p> <p>Detailed information about compensations paid for each land owner is given on Sanko Enerji Sanayi ve Ticaret A.Ş. Land Acquisition Table.</p>
Dates delivered	11.08.2016, 24.08.2016, 29.05.2017, 02.12.2016, 03.10.2016 and 18.10.2017.

Impact on income of owner	<p>the acquisition has no livelihood impact since PAPs has other income sources and were provided with a considerably high amount of compensation allowing to invest on other land.</p> <p>Most of the land owners could not afford to buy a house on his own by agricultural works. After they sold their lands, they bought residences that they are staying now. The land owners also have more lands that hey continue to plant crops.</p> <p>Most of the PAPs bought residences with the compensation paid. It was also justified through interviews with PAPs who received compensation durig the site visit at 15.11.2017.</p>
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3.2 Inventory of Public, Community, or State Land Acquired	
Land parcels / plots acquired (ha)	No public, community or state land
Land type / land use: Forest, commons for grazing, other	
Ownership: State, community, other. Structures or other fixed assets	
Compensation, land transfer, or other measures to mitigate impacts on land users. Specify measures and dates of delivery	

4.Consultations, Communications & Management of Grievances and Implementation Issues
<p><u>General Information About Project and Project Area:</u></p> <p>Sanko Enerji, an energy branch of Sanko Holding Group has obtained Geothermal Welding Operation License from Manisa Special Provincial Administration in 2009 The Project area is located in the borders of "Caferbeyli Geothermal Field" and the size of the license area is 2,267,97 hectares.</p> <p>The Project area is located in Manisa Province, Salihli District, Yılmaz Neighborhood. The location of the license area planned for the project is located within the area designated as "Geothermal Reserve Area" by General Directorate of Mineral Research and Explorations.</p> <p>The Company started drilling operations in the region in 2010 after obtaining necessary permits from the related authorities. During the exploration and feasibility studies the company reached sufficient resources for geothermal power generation. The project planned to be realized in three stages and it is targeted to produce a total of 50 MWe.</p>

First phase of the Project will be 15 MWe, an additional 15 MWe will be in in the second phase, and an additional 20 MWe capacity will be on the third phase.

The produced electricity will be transferred to the 34,5 kVA medium voltage transmission line, which will be constructed between the Distribution Center (DC) to be installed on the SANKO Power plant site and the Salihli Transformer Center. The length of transmission line planned to be 4.5 km. The expropriation process of ETL is conducted by TEDAŞ.

According to outputs of environmental and social researches carried out within the scope of the Project, the social settings determined by considering the existing and planned facilities and possible social impacts. The settlements in the Area of Influence (AoI) are determined as Yılmaz, Caferbey, Hasalan and Gaffer Okkan Neighbourhoods by considering, land acquisition, short and long term employment opportunities, and geographical proximity to the Project units and the transportation routes.

Consultations, Communications & Management of Grievances:

In order to inform the local communities, a PPM was organized in accordance with the Environmental Impact Assessment Regulation. The PPM was held on 27.09.2016 in Salihli district, Yılmaz neighbourhood.

The meeting was announced in the national and local newspapers The announcement was also posted on the billboard of the neighbourhood. The public is informed about the possible environmental impacts that may arise within the scope of the Project, the measures planned to prevent these impacts were shared. Opinions, suggestions and questions from the participants were evaluated. Detailed information about the PPM can be found in Sanko SEP.

The aim of the is In order to describe the socio-economic conditions and trends in the areas potentially affected by the Project, to understand potential effects and to develop appropriate mitigation measures a socio-economic baseline study was made. Interviews with mukhtars and local people were carried out between the July 4 and 6, 2017. Detailed information about the field studies ca be seen in Sanko SEP.

The Grievance Mechanism

The Project Company established a system to capture, manage, monitor and report on complaints, disputes and grievances. Prior to the official system, any type of requests were received verbally by the General Manager Assistant and Business Manager of the Project, whom were always located in the Project Site. Through the formal procedure, Turgut Sümer is assigned as a Public Relations Officer (PRO) to collect and address all type of grievances regarding the Project. He will be available to be contacted via telephone or Project Affected Parties can contact personally by visiting the Project Site directly.

Further contact information of the assigned PRO are presented below:

☎ **Name:** Turgut Sümer

☎ **Tel:** +90 (532) 285 4751 (Primary Phone)

0 236 712 2827 / 0 236 712 1727

✉ **E-mail:** tsumer@sankoenerji.com.tr

Numerous channels will be used for stakeholders to submit any complaints and requests:

Telephone – All incoming calls will be registered and information summarized daily and sent to the relevant department for processing and action in accordance with the grievance procedure outlined above.

Electronic channels – Stakeholders have the opportunity to send comments, remarks, requests and complaints via the official website of the Project Company.

Post – Mail can be used by stakeholders for submission of their queries/requests/complaints/comments for consideration by the PRO. All incoming letters will be documented and stored as well as the responses sent to the originating party in accordance with the grievance procedure outlined above.

✉ **Name:** Turgut Sümer

✉ **Address:** Sırağaçlar Mevkiisi, Yılmaz Mahallesi Salihli / Manisa

Any queries/requests/complaints/comments can be brought to the attention of the Project Company verbally or written (e-mail) or by filling in a Grievance Form which is available in the project site Office.

Other details about the GRM can be seen in Sanko SEP.

Identification of Vulnerable PAPs:

No vulnerable PAPs have been identified under the scope of the project. As stated in SEP, Table 5-1; Seasonal agricultural workers; Females; Low income groups; Illiterate people; Handicapped people are considered as vulnerable groups. Detailed information can be found in SEP.

The assistance of the project sponsor within the context of corporate social responsibility

- The company provide two robotic arms and give software training for these arms at a pilot school for the the project 'KODLAMANIŞA' which is conducted by Manisa Governorate.
- Maintenance of Gendarmerie Staion which is in charge of protecting the Ancient Sardes city.
- Salihli Municipality gives heating services to 7500 houses through geothermal heating center however can be insufficient. The Project Company will provide geothermal fluid for heating system of Salihli Municipality this winter season.