This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

SUSTAINABLE CITIES PROJECT – II

WITHIN THE SCOPE OF ADDITIONAL FINANCING

CONSULTANCY SERVICE FOR TECHNICAL FEASIBILITY PREPARATION

ELEŞKİRT MUNICIPALITY
SOLAR POWER PLANT
ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

MARCH 2025

CONTENTS

LIST OF TABLES

LIST OF FİGURES

ABBREVIATIONS

%	Percentage
€	Euro
µg	microgram
Inc.	Incorporated company
EU	European Union
EIA	Environmental impact assessment
ESMP	Environmental and Social Management Plan
dB	Decibel
WB	World Bank
AF	Additional Financing
EHS	Environment, Health and Safety
EMRA	Energy Market Regulatory Authority
ESG	Environmental Social Governance
FAA	US Federal Aviation Administration
F.I.	Financial Intermediation
SPP	Solar power plant
Ha	Hectare

IFC	International Finance Corporation
ILBANK	ILBANK Joint Stock Company
OHS	Occupational Health and Safety
kg	Kilogram
KVS	Short Term Limit Value
kwe	Kilowatt Electricity
kwh	Kilowatt Hour
kwp	Kilowatt Peak
l	Liter
m	Metre
m^2	Square Meters
m^3	Cubic meter
MWh	Megawatt Hour
No.	Number
PV SYST	Photovoltaic System Software
SCP	Sustainable Cities Project
NGO	Non-Governmental Organizations
TAP	Portable Battery Manufacturers and Importers Association
TL	Turkish lira
UVS	Long Term Limit Value

Executive Summary

World Bank (WB) and Europe Technical and financial support from the Union (EU) support ILBANK Inc. (ILBANK), Sustainable Cities Project (SCP) projects series is implemented. SCP, participant municipalities and public services infrastructure service needs to improve aims.

SCP-II Additional Funding (AF) focuses on expanding next-generation operations into urban planning systems, particularly the broader sectors that will deliver and program urban transportation. It includes zero waste, energy efficiency, **renewable energy**, municipal social services, disaster recovery, urban renewal and restoration sectors.

Solar Energy Power Plant Project (500,5 kWp, 415 kWe) is planned by Eleşkirt Municipality within the borders of Ağrı province, Eleşkirt district, Esentepe Neighbourhood, 50 lot of 206 block. The coordinate list and location map of the planned project area are given in the attachment (See ANNEX 1, See ANNEX-2). Within the scope of the project in question, the area where the Solar Power Plant will be established was allocated by Eleşkirt Municipality. Accordingly, the Allocation letter is attached (See Annex-3).

The project in question is one of the subprojects within the scope of the Sustainable Cities Project - II - Additional Financing (SCP-II-AF), supported by World Bank financing in order to support sustainable development in cities in Türkiye. The investment to be made within the scope of the project will comply with both National legislation and World Bank Safeguard Policies. In addition, ILBANK will act as a financial intermediary to ensure compliance with relevant World Bank policies and procedures.

With the project put into operation, approximately 58,4% of the total electricity consumption of Eleşkirt Municipality will be met. While determining this rate, the last year consumption data of Eleşkirt Municipality (936 MWH) and the production of the SPP Project (624 MWH) were taken as basis.

Considering the location of the sub-project and the nature of its potential environmental and social impacts, the Project is categorized as Category B according to the definitions in OP/BP 4.01 regarding Environmental Assessment and is out of scope in the environmental impact assessment (EIA) procedure in accordance with the national EIA Regulation (X).

Eleşkirt Municipality 500.5 kWp/ 415 kWe SPP project is one of the sub-projects included in the scope of Sustainable Cities Project-II Additional Financing (SCP-II AF) to support sustainable development in cities in Türkiye.

This ESMP has been prepared in accordance with the World Bank Safeguard Policies, including the Operational Policies (OPs), World Bank General Environment, Health and

Safety Guidelines, Bank Policy 17.50 Bank Disclosure Policy, Environmental and Social Management System Sustainable Cities Project-II Additional Financing (SCP-II EF), World Bank Good Practice Note.

Since the power plant to be established is 500 meter away from the nearest residential area, it will not affect the local people much. While the power plant is being established, short-term excavation works, transformer installation and approximately 2.050 m transmission line operations will be completed in approximately 4 weeks.

The project area was examined and photographed. Photos of the project are attached (See ANNEX-4).

1. Subproject Description

The specific purpose of the project is; The aim is to produce electricity using solar energy, which is a renewable energy source, with the solar energy panels to be installed within the scope of the project. In this way, Eleşkirt Municipality will be able to use the budget allocated for electricity more efficiently and will be able to better respond to the needs of improving public and environmental health.

The constant increase in energy needs and the constant increase in unit costs significantly increase the energy costs of the municipality. Reducing carbon emissions through environmental policies and international agreements is another factor of this project. Satellite images of the project area are given in Figure 1.

Solar Energy Power Plant Project (500,5 kwp, 415 kwe) is planned by Eleşkirt Municipality within the borders of Ağrı province, Eleşkirt District, Esentepe Neighbourhood, 50 lot of 206 block. The coordinate list and location map of the planned project area are given in the attachment (See ANNEX 1, See ANNEX-2). Within the scope of the project in question, the area where the Solar Power Plant will be established was allocated by Eleşkirt Municipality. Accordingly, the Allocation letter is attached (See ANNEX-3).

With the project put into operation, approximately 58,4% of the total electricity consumption of Eleşkirt Municipality will be met. While determining this rate, the last year consumption data of Eleşkirt Municipality (936 MWH) and the production of the SPP Project (624 MWH) were taken as basis.

Since the power plant to be established is 500 meter away from the nearest residential area, it will not affect the local people much. While the power plant is being established, short-term excavation works, transformer installation and approximately 2.050 m transmission line operations will be completed in approximately 4 weeks.

It is anticipated that 10 personnel will work during the construction phase of the project and the solar energy installation process will be completed within 8 weeks.

The project area is recorded by proceeding towards the south from the Erzurum-Ağrı road, through the Eleşkirt District.

Figure 1. Project Area Satellite Image-1

The project area is recorded by proceeding towards the south from the Erzurum-Ağrı road, through the Eleşkirt District. The visual describing the access route of the project area is given in Figure 2. To reach the project area, you pass through private land. In this context, the land acquisition process has started and will be completed by the end of 2024.

The characteristics of these lands are given below. Land registry records are given in the annex of the report. (See ANNEX-12)

Table 1. Transportation Route Parcel Details

Block	Parcel	Area Size (m²)	Qualification	Ownership
206	116	57.711,23	Raw Soil	Treasury Land
206	125	25.679,70	Field	Private

Figure 2. Project Area Transportation Route

By Eleşkirt Municipality, within the borders of Ağrı province, Eleşkirt district, Esentepe Neighbourhood, 50 lot of 206 block "Solar Energy" Power Plant Project (500,5 kwp, 415 kwe)" is planned. The connection agreement given by ARAS EDAŞ within the scope of the planned project is given attached (See Annex-11). In this direction, a grid connection will be made at a distance of approximately 2,050 meters.

There are private lands on the energy transmission line route and the transportation route to the project area. There are 4 parcels on the Energy Transmission Line route: forest land numbered 206/21 and field land numbered 206/33, 206/35 and 206/52. Of these lands, 206/21 and 206/66 are treasury lands, and 206/52 and 206/35 are private lands. In this regard, treasury parcels will be allocated to Eleşkirt Municipality, and easement rights will be established for private parcels. These operations will be completed by the end of 2024.

The characteristics of these lands are given below. Land registry records are included in the annex of the report. (See ANNEX-12).

Table 2. Energy Transmission Line Route Parcel Details

Block	Parcel	Area Size (m²)	Qualification	Ownership
206	21	135.082,43	Forest	Treasury Land
206	33	7.556,60	Field	Treasury Land
206	35	38.815,12	Field	Easement

Block	Parcel	Area Size (m²)	Qualification	Ownership
206	52	12.051,26	Field	Easement

The energy transmission line route is given in Figure 3.

Figure 3. Project Area – Energy Transmission Line Route

2. Environmental and Social Screening

Under the World Bank's Operating Policy on Environmental Assessment (OP 4.01), projects are classified under categories A, B or C, depending on the degree of their potential impact on the environment. The sub-project is categorized as Category B where the potential impacts are site-specific and reversible in nature and can be managed by readily designed migratory measures.

Category A) Can be defined as projects that have significant negative environmental and social impacts. The impacts of these projects are large-scale, irreversible, sensitive, diverse and cumulative.

Category B) can be defined as projects whose environmental and social impacts are typically site-specific and reversible in nature. Although the impacts of these projects are less than the impacts of subprojects within the scope of Category A, the precautions and monitoring phases can be designed more easily.

Category C) Can be defined as projects that will have minimal or no environmental impact.

By Eleşkirt Municipality, within the borders of Ağrı province, Eleşkirt district, Esentepe District, 206 block 50 parcel "Solar Energy" Power Plant Project (500,5 kwp, 415 kwe)" is planned.

The planned project is a Solar Power Plant Application and is outside the scope of the EIA Regulation, which came into force after being published in the Official Gazette dated 29.07.2022 and numbered 31907.

It is also classified as Category B according to the World Bank Environmental Assessment (OP 4.01) Policy.

3. Legal and Institutional Framework

In this section, a summary of national legislation, international standards and guidelines regarding the project and its activities is presented.

3.1. National Legal Framework

There is sufficient legal and administrative basis in our country for environmental and social management during the implementation of development projects. Many regulations and decrees have been put into effect within the scope of Environmental Law No. 2872. Article 10 of the "Environmental Law" states that an EIA report must be prepared for investment projects that may cause negative environmental impacts due to their planned actions.

The "Environmental Impact Assessment Regulation", which came into force after being published in the Official Gazette dated 29.07.2022 and numbered 31907, defines the types of projects for which the EIA report is required and the issues that need to be specifically addressed.

Solar Power Plant application is considered out of scope since it is not included in Annex-1 and Annex-2 lists according to the national EIA legislation.

In addition to the EIA Regulation, other regulations regarding environment, health and safety and social issues are given below:

- Regulation on Water for Human Consumption
  (OG 17.02.2005 Date and 25730 Number)

- Waste Management Regulation
  (OG 02.04.2015 Date and 29314 Number)
- Zero Waste Regulation
  (OG 12.07.2019 Date and Number 30829)
- Packaging Waste Control Regulation
  (OG 26.06.2021 Date and Number 31523)
- Regulation on the Management of Waste Electrical and Electronic Equipment
  (OG 26.12.2022 Date and Number 32055)
- Industrial Air Pollution Control Regulation
  (OG 03.07.2009 Date and 27277 Number)
- Air Quality Assessment and Management Regulation
  (OG 06.06.2008 Date and 26898 Number)
- Regulation on Control of Exhaust Gas Emissions
  (OG 11.03.2017 Date and 30004 Number)
- Environmental Noise Control Regulation
  (OG 30.11.2022 Date and Number 32029)
- Regulation on Noise Emission in the Environment Created by Equipment Used in Open Areas
  (OG 30.12.2006 Date and 26392 Number)
- Water Pollution Control Regulation
  (OG 31.12.2004 Date and 25687 Number)
- Regulation on the Control of Waste Batteries and Accumulators
  (OG 31.08.2004 Date and 25569 Number)
- Medical Waste Control Regulation
  (OG 25.01.2017 Date and 29959 Number)
- Regulation on Control of Excavation Soil, Construction and Demolition Waste
  (OG 18.03.2004 Date and 25406 Number)
- Regulation on Control of Soil Pollution and Point Source Contaminated Sites
  (OG 08.06.2010 Date and 27605 Number)
- Regulation on the Protection of Employees from Noise-Related Risks
  (OG 28.07.2013 Date and 28721 Number)
- Occupational Health and Safety Regulation in Construction Works
  (OG 05.10.2013 Date and 28786 Number)
- Health and Safety Signs Regulation
  (OG 11.09.2013 Date and 28762 Number)
- Regulation on Health and Safety Conditions in the Use of Work Equipment
  (OG 25.04.2013 Date and Number 28628)
- Occupational Health and Safety Risk Assessment Regulation
  (OG 29.12.2012 Date and 28512 Number)
- Regulation on Grounding in Electrical Installations

(OG 21.08.2001 Date and 24500 Number)

- Electrical High Current Facilities Regulation
  (OG 30.11.2000 Date and 24246 Number)
- Electrical Internal Facilities Regulation
  (OG 04.11.1984 Date and 18565 Number)
- Regulation on the Authorities, Duties and Responsibilities of Electrical Scientists
  (OG 11.11.1989 Date and 20339 Number)
- Subcontracting Regulation
  (OG dated 27.09.2008 and numbered 27010)
- Regulation on Solar Energy-Based Electricity Production Facilities
  (OG 19.06.2011 Date and Number 27969)
- Regulation on the Use of Personal Protective Equipment in Workplaces
  (OG 02.07.2013 Date and 28695 Number)
- Regulation on Noise Emission in the Environment Created by Equipment Used in Open Areas
  (OG 30.12.2006 Date and 26392 Number)
- Labor Law No. 4857
- Occupational Health and Safety Law No. 6331
- Environmental Law No. 2872
- Expropriation Law No. 2942
- Soil Conservation and Land Use Law No. 5403
- Energy Efficiency Law No. 5627
- Right to Information Law No. 4982
- General Hygiene Law No. 1593
- Law No. 5346 on the Use of Renewable Energy Resources for the Purpose of Electrical Energy Production
- Law No. 2863 on the Protection of Cultural and Natural Assets
- National Parks Law No. 2873
- Forest Law No. 6831

3.2. International Standards

For the investments defined and outlined within the scope of this Project and in accordance with the World Bank's Environmental Assessment Policy (OP 4.01), an Environmental and Social Management Report (ESMP) must be prepared by the Project Owner.

World Bank Environmental and Social Protection Policies include environmental assessments of projects, environmental and social adverse impacts, and other policies

regarding impact mitigation and prevention. The following operational policies are included within the framework of ESMP;

- Natural Habitats (OP 4.04)
- Physical Cultural Resources (OP 4.11)
- Indigenous Peoples (OP 4.10)
- Land Acquisition and Involuntary Resettlement (OP 4.12)
- Physical Cultural and Other World Bank Protection Measures

The International Finance Corporation (IFC) guidelines, also known as the International Finance Corporation, which are considered relevant to the project and must be followed during the ESMP study, are as follows:

- IFC General EHS Guidelines dated 30 April 2007

4. Baseline Data

According to the data of the Turkish Statistical Institute, the population of Eleşkirt district in 2023 is 30.103 people. This population consists of 15.183 men and 14.920 women. Accordingly, 50,44% of the population of Eleşkirt District is male and 49,56% is female. The population of Esentepe District consists of 307 people. In this context, the population of Esentepe District corresponds to approximately 1.02% of the population of Eleşkirt District.

5. Environmental and Social Management Baseline

Within the scope of the project, domestic solid waste and wastewater will be generated from the personnel who will work during the construction phase, and during the operation phase, glare and glare effects will occur due to photovoltaic panels.

In this regard, the possible environmental impacts that may occur within the scope of the project have been evaluated in detail below, the measures to be taken have been determined and monitoring plans have been prepared.

5.1. Water Use and Wastewater Generation

The water needs of 10 personnel who will work within the scope of the project will be met, and in parallel, wastewater will be generated due to the personnel. During the operation phase of the project, deionized water will be used to clean the panels, and the water falling on the ground will evaporate and will not cause wastewater formation. The cleaning of the

panels will be done twice a year and will be in accordance with the current Occupational Health and Safety legislation.

The drinking water needs of the personnel who will work during the construction and operation phases of the project will be met with demijohns purchased from companies licensed by the Ministry of Health in accordance with the provisions of the "Regulation on Water for Human Consumption". Domestic water needs will be met from the network. Additionally, deionized water required for cleaning the panels will also be purchased.

The places where water will be used, its quantities, supply locations, wastewater amounts and the disposal method of wastewater during both the construction and operation phases of the project are given in Table 3.

Table 3. Water Supply Plan To Be Used in Construction and Operation Phases

Project Period	Water use	The amount of water	Water Supply Place	Amount of Wastewater	Wastewater Disposal Method
Construction	Drinking and potable water for 10 people who will take part in the land preparation phase	10 people x 193 lt/person-day* = 1.93 m^3/day	Drinking and utility water that will be needed during the land preparation and construction phase will be supplied by demijohns.	10 people x 182 lt/person-day* = 1.82 m^3/day**	A septic tank will be installed and removed by sewage trucks.
Operation	Cleaning of Photovoltaic Panels (Twice a year)	4 m^3/year deionized water (0.01 m^3/day)	Panel cleaning will be done twice a year with chemical-free water, except on rainy days. Domestic water will be provided by purchasing.	-	Since the water will remain on the gravel floor during the panel cleaning process, it will evaporate and wastewater will not be formed. Any remaining water on the panel will be wiped off with a dry cloth.
	Drinking and potable water for 2 people who will take part in the operation phase	2 people x 193 lt /person-day* = 0,39 m^3/day		2 people x 182 lt /person-day* = 0,36 m^3/day**	A septic tank will be installed and removed by sewage trucks.

Note 1*: The amount of water a person will need is taken as 193 lt/person-day (Turkish Statistical Institute, Ağrı, 2020).

Note 2:** The daily amount of wastewater generated by one person is taken as 182 lt/person (Turkish Statistical Institute, Ağrı, 2020).

Within the scope of the project, Environment, Health and Safety Guidelines (Wastewater and Ambient Water Quality) published by the International Finance Corporation (IFC) will be followed. In this context, the criteria given in Table 4 will be complied with.

Table 4. Wastewater and Ambient Water Quality Criteria

Criteria
• Determining the quality, quantity, source and discharge point of liquid waste generated in the facility, • Draining the septic tank periodically using a sewer truck before it fills with wastewater, • Taking samples from the wastewater discharged to the sewerage infrastructure at certain periods and checking its compliance with the discharge limits, • Obtaining the appropriate opinion from the infrastructure administration for discharge to the sewer, • Meeting the pre-treatment and monitoring requirements of the sewage treatment system, • Minimizing wastewater generation to reduce the burden of pollutants requiring treatment, • Adopting and implementing water saving methods, • Separation of rainwater and wastewater channels, • Improving wastewater lines and preventing leaks.

5.2. Waste Management

Among the wastes that can be generated, recyclable (paper, plastic, glass, etc.) and non-recyclable wastes (food scraps, etc. organic waste) will be collected separately in garbage containers placed at various points of the project site. Wastes that can be recycled will be sent to licensed recycling companies; Domestic solid waste that cannot be recycled will be disposed of by sending it to licensed disposal facilities.

For the packaging waste generated in the facility, in accordance with the colors specified within the scope of the "Zero Waste Regulation" published in the Official Gazette No. 30829 dated 12.07.2019 (blue color for paper waste, yellow color for plastic waste, gray color for metal waste, green color for glass waste). and black for non-recyclable waste) waste bins will be provided, a Zero Waste Management System will be established and data of the waste collected for the previous month will be entered into the Integrated Environmental Information System (e- çbs) within the framework of the relevant regulation by the 15th of each month.

During the operations to be carried out within the scope of the planned project, domestic solid waste will be generated due to the personnel working. According to the data received from Turkish Statistical Institute, the daily amount of solid waste generated per person in Ağrı in 2020 is 1.13 kg/day [(1)], accordingly, the amount of domestic solid waste that will arise from people who will work during the construction phase of the project is 11,3 kg/day (10 people x 1.13 kg/person-day) solid waste will be generated.

Since the solid waste within the scope of the project will not be stored in the project area for a long time, it will not cause any problems such as odor or distribution.

The solid wastes to be generated within the scope of the project will not cause any problems such as odor, appearance, or leakage since they will not be stored in the project area for a long time. All solid wastes to be generated within the scope of the project (food waste, packaging paper, plastic bottles, glass bottles, etc.) will be disposed of in accordance with the "Waste Management Regulation" published in the Official Gazette dated 02.04.2015 and numbered 29314 and entered into force, the "Packaging Waste Control Regulation" published in the Official Gazette dated 26.06.2021 and numbered 31523 and entered into force, and the "Zero Waste Regulation" published in the Official Gazette dated 12.07.2019 and numbered 30829 and entered into force. In addition, employees will be warned that it is prohibited to dump them into seas, lakes and similar receiving environments, streets and forests within the scope of Article 5 of the said Regulation.

Within the scope of the project, the Environment, Health and Safety Guidelines (Waste Management and Hazardous Material Management) published by the International Finance Corporation (IFC) will be followed. In this context, the criteria given in Table 5 will be complied with.

Table 5. Waste Management Criteria

Criteria
• Obtaining all necessary permits, certificates and approvals from the relevant official authorities, • Regular inspection of waste separation and collection practices, • Monitoring records regarding hazardous waste collected, stored or shipped, • Preventing waste generation, reducing it, reusing it, recovering it, recycling it, removing it and finally establishing a waste management hierarchy. • Preventing or minimizing waste generation as much as possible, • Recovering and reusing waste in cases where waste production cannot be prevented but minimized, • In cases where wastes cannot be recycled or reused, their processing, destruction and disposal in an environmentally compatible manner, • Identifying source reduction, reuse and recycling opportunities,

[(1)] Municipal Waste Statistics, Ağrı Province, Average Municipal Waste Amount per Person (kg/person-day), Turkish Statistical Institute, 2020.

Criteria
• Establishing purchasing measures that allow for opportunities to return usable materials, such as containers, and prevent overordering of materials. • Minimizing hazardous waste generation by applying solid waste separation to prevent the mixing of non-hazardous and hazardous wastes to be managed, • Identifying potentially recyclable materials, • Determining recycling targets and monitoring waste production and recycling rates, • Providing training and incentives to employees to achieve goals, • Identifying potential impacts and risks associated with the management of hazardous waste generated throughout its entire life cycle, • Storing waste in a way that prevents incompatible wastes from mixing or coming into contact with each other and allows monitoring of leaks or spills between containers, • Store indoors, away from direct sunlight, wind and rain. • Ensuring the reduction of waste at source.

5.3. Waste Panels

Waste panels, switches, solar regulators, inverters, etc. The materials will be temporarily stored in the Hazardous Waste Storage Area located in the existing facility. It will then be delivered to the closest or most economical licensed recycling company to the project area for recycling.

5.4. Waste Batteries

Waste batteries that may be removed from vehicles in the project area will be returned to the vendors and replaced with new batteries. Batteries used in the field will be reused by ensuring that they are rechargeable. Used batteries will be collected in battery collection boxes and left at collection points belonging to TAP (Portable Battery Manufacturers and Importers Association). The "Regulation on the Control of Waste Batteries and Accumulators" and its relevant provisions, which came into force after being published in the Official Gazette dated 31.08.2004 and numbered 25569, will be complied with.

5.5. Medical Waste

Medical waste is not expected to be generated in the project area as the nearest health institution will be visited in case of an accident. In case of occurrence, the relevant provisions of the "Medical Waste Control Regulation", which came into force after being published in the Official Gazette dated 25.01.2017 and numbered 29959, will be complied with. Medical waste that is likely to be generated as a result of the use of first aid materials available in the facility in case of emergency; tear, puncture, explosion and transportation resistant; It will be placed in leak-proof red plastic bags made of original medium density polyethylene raw

material and bearing the phrase "CAUTION MEDICAL WASTE". The bags will be filled at most ¾ and their mouths will be tightly tied, and when deemed necessary, each bag will be placed in another bag with the same features to ensure absolute sealing.

Within the scope of the project, the Environment, Health and Safety Guidelines (Waste Management and Hazardous Material Management) published by the International Finance Corporation (IFC) will be followed. In this context, the Waste Management Criteria to be followed are given in Table 5 and the Hazardous Material Management criteria are given in Table 6.

Table 6. Hazardous Material Management Criteria

Criteria
• Determining hazardous material management priorities based on hazard analysis of risky operations determined through Social and Environmental Assessment, • Avoiding or minimizing the use of hazardous substances whenever possible, • Preventing the uncontrolled release of hazardous substances into the environment or uncontrolled reactions that may lead to fire or explosion, • Using engineering controls (limitation, automatic alarms and shutdown systems) appropriate to the nature of the hazard, • Implementation of management controls (procedures, audits, communications, training and exercises) to address remaining risks that cannot be prevented or controlled by engineering measures, • Recording the types and quantities of hazardous substances found in the project, • Analyzing potential spill and release scenarios using available industry statistics on spills and accidents whenever possible, • Analyzing the potential for uncontrolled reactions such as fire and explosion, • Identification of the locations of hazardous materials and related activities on the emergency plan field map, • A description of response activities in the event of a spill, release, or other chemical emergency. • Performing occupational safety analysis to identify specific potential occupational hazards and industrial hygiene studies, as appropriate, to monitor and verify exposure levels to chemicals and compare with applicable occupational exposure standards. • Conducting training, awareness-raising activities and exercises, • Identification and implementation of permitted maintenance activities such as hot work or confined space entries, • Providing appropriate personal protection equipment (PPE) (shoes, masks, protective clothing and goggles in appropriate areas), emergency eyewash and shower stations, ventilation systems and sanitary facilities, • Preparation of monitoring and record keeping documents containing audit procedures designed to keep accident and incident investigation reports on file for a period of at least five years, • Using transfer equipment that is suitable and compatible with the characteristics of the transferred materials and designing them to ensure safe transfer.

5.6. Excavation Waste

Within the scope of the project, excavation works will be carried out during the land preparation and construction phase, the opening of the energy transmission line, the arrangement of the land, the installation of machinery and equipment will be carried out, and a limited amount of excavation waste will be generated in this area. Excavation waste will be used as filling material.

In order to place the machinery and equipment to be installed within the scope of the project, excavation will be carried out at a depth of 0.2 m in an area of approximately 20,000 m^2.

According to this;

20,000 m^2 * 0.2 m = 4,000 m^3 excavation will occur.

The works will be carried out in accordance with the provisions of the "Regulation on the Control of Excavation Soil, Construction and Demolition Wastes", which came into force after being published in the Official Gazette dated 18.03.2004 and numbered 25406. In the studies to be carried out, the provisions of the "Regulation on the Control of Soil Pollution and Point Source Contaminated Sites", which came into force after being published in the Official Gazette dated 08.06.2010 and numbered 27605, will also be taken into consideration.

In addition, the "Zero Waste Regulation", which came into force after being published in the Official Gazette dated 12.07.2019 and numbered 30829, will be complied with at all stages of the planned project.

5.7. Dust Emission

Within the scope of the project, excavation will be carried out during the opening of the energy transmission line during the land preparation and construction phase, which will last 3 week. Dust emissions will occur during the excavation process.

Calculations for dust emissions that may occur during land preparation and construction works are stated in Table 12.6 of the “Regulation on Control of Industrial Air Pollution", which came into force after being published in the Official Gazette No. 27277 dated 03.07.2009. It was calculated using “Emission Factors to be Used in Dust Emission Mass Flow Calculations” and is given in the attachment (See Annex-5).

According to the National Air Monitoring Network Eleşkirt Station data, the current air quality of the region is below the PM10 parameter limit values given in Annex-1A of the

"Regulation on Assessment and Management of Air Quality". It is not thought that the dust emissions that will occur during the 4-week land preparation and construction phase of the Solar Energy Project will negatively affect the air quality. The dust emission concentration resulting from the activities carried out in this direction is evaluated in accordance with both the Industrial Air Pollution Control Regulation and the Air Quality Assessment and Management Regulation (Table 7).

Additionally, dust emissions will remain below the limit values in the Environment, Health and Safety Guidelines (Air Emissions and Ambient Air Quality) published by the International Finance Corporation (IFC).

Table 7. PM10 Pollutant Limit Values

Regulation	Average Time	Limits	Annual Decrease of Limit Value	Warning Threshold
Air Quality Assessment and Management Regulation	**KVS** (24 hour) 95%/year To protect human health	**300 µg/m³**	**100 µg/m³** starting from 1.1.2009 until 1.1.2014 It decreases annually by an equal amount every 12 months until (33% of the limit value).	First level: 260 µg/m³ Second level: 400 µg/m³ Third level: 520 µg/m³ Fourth level: 650 µg/m³ (The values given are 24-hour averages.)
	Winter Season Avg. (October 1 – March 31) To protect human health	**200 µg/m³**	The limit value is **90 µg/m³** starting from 1.1.2009 until 1.1.2014 It decreases annually by an equal amount every 12 months until it reaches (45% of the limit value).	
	UVS (Annual) To protect human health	**150 µg/m³**	Starting from 1.1.2009, the limit value decreases annually by an equal amount every 12 months until it reaches **60 µg/m³** (40% of the limit value) until 1.1.2014)	
Industrial Air Pollution Control Regulation	**24 Hours** (Cannot exceed more than 35 times in a year)	**50 µg/m³**	-	-
	Yearly	**40 µg/m³**	-	-

IFC Environmental, Health and Safety (EHS) Guidelines: Air emissions oath ambient air Quality	**24 Hours**	-		Temporary Target-1: **150 µg/m³** Temporary Target-2: **100 µg/m³** Temporary Target-3: **75 µg/m³** Directive: **50 µg/m³**
	1 Year	-		Temporary Target-1: **70 µg/m³** Temporary Target-2: **50 µg/m³** Temporary Target-3: **30 µg/m³** Directive: **20 µg/m³**

"Regulation on the Control of Industrial Air Pollution", which came into force by being published in the Official Gazette No. 27277 dated 03.07.2009, during the activities of taking, loading, transporting and unloading of materials in the excavation and filling operations to be carried out within the scope of the activity and during the operation; The issues specified in the "Air Quality Assessment and Management Regulation" dated 06.06.2008 and the Environment, Health and Safety Guides (Air Emissions and Ambient Air Quality) published by the International Finance Corporation (IFC) will be complied with.

5.8. Exhaust Gas Emission

Within the scope of the project, ego gas emissions will occur due to the vehicles used during the transportation of photovoltaic panels, materials and equipment to the project area, and will have a slight impact on the existing air quality. In this regard, the provisions of the "Exhaust Gas Emission Control Regulation" will be complied with in order to minimize the exhaust gas emissions arising from the vehicles to be used within the scope of the project. Maintained and repaired vehicles will be used.

5.9. Noise

During the construction phase of the project, the noise level will vary throughout the day. However, since the work will be carried out during daylight hours, noise generation will be limited.

It is expected that after the installation of the power plant, the noise level that the equipment will emit to the environment during operation, especially the inverter panel and substation equipment, will be below 25 dB and therefore it will not pose any problem as the noise will completely disappear at a distance of 60-80 m. Considering that the nearest residential area is 1 km away and the noise during the construction phase will end within 3 weeks and noise impact is not expected during operation phase of the project. In addition, the determined values are below the limit values given in national and international

legislation. A grievance mechanism will be implemented regarding these issues. Construction phase noise calculation is given in the attachment (See Annex-6).

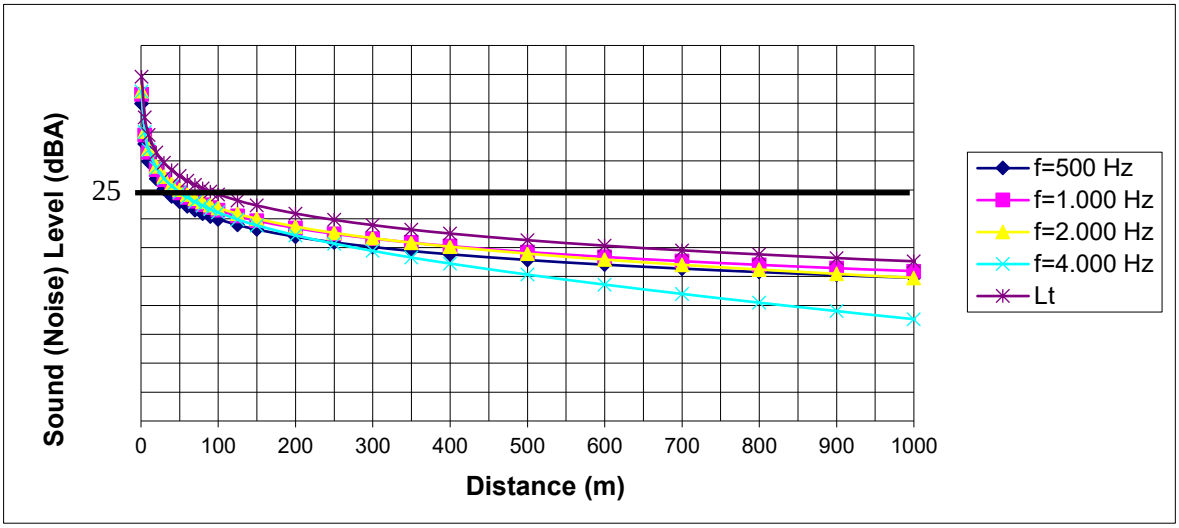


Figure 4. Construction Phase Noise Distribution Graph by Distance

Table 8. Environmental Noise Level Limit Values

Noise Source	**Measured Parameter**	**Environmental Noise Level**		
		Daytime	**Evening**	**Night**
Industrial facilities, transportation resources	LA eq, 5 min.	**65dB(A)**	60dB(A)	55dB(A)
Businesses that broadcast music	LA eq, 63-250 Hz.	60dB(A)	55dB(A)	50dB(A)
Workplaces	LA eq, 5 min.	Background + 5 dB (A)		Background + 3 dB (A)
If there is more than one workplace	LA eq, 5 min.	Background + 7 dB (A)		Background + 5 dB (A)
All sources	LCmax _	100dB(C)		

Table 9. IFC Noise Management – Limit Values

Noise Source	**Environmental Noise Level**	
	Daytime 07:00 – 22:00	**Nighttime 22:00 – 07:00**
Residential, Corporate	**55dB(A)**	45dB(A)

Educational Place, Industrial, Commercial	70dB(A)	55dB(A)

The environmental noise that will occur during the land preparation and construction phases of the project remain below the limit values given in both the Environmental Noise Control Regulation and the Environment, Health and Safety Guidelines (Noise Management) published by the International Finance Corporation.

In the calculation, it is assumed that all vehicles and equipment operate simultaneously, there are no obstacles between noise sources and receptors, and noise sources operate uninterruptedly. Therefore, the actual environmental noise levels will be lower than the calcuted environmental noise levels.

In order to keep the noise level to a minimum, care will be taken to operate a minimum number of well-maintained vehicles and equipment at the same time. During construction work, not all vehicles will operate at the same time. The construction equipment will operate in a specific order. In addition, the fact that the works will be carried out at certain times of the day (07:00 - 19:00) may limit noise generation to some extent.

Annex-2 (Measurement *and Monitoring of Environmental Noise Level) of the* "Environmental Noise Control Regulation" in the Official Gazette dated 30.10.2022 and numbered 32029; Table 1. Environmental Noise Level Limit Values will be followed.

In order to protect people within the scope of the project from risks involving health and safety information as a result of exposure to noise, the "Regulation on the Protection of Employees from Noise-Related Risks" will be complied with.

In addition, the provisions of the "Regulation on Occupational Health and Safety in Construction Works" and the "Regulation on the Use of Personal Protective Equipment in Workplaces" will be followed.

For the noise levels of the equipment to be used, the provisions of the "Regulation on Noise Emission in the Environment Created by Equipment Used in Open Areas" will be complied with.

In addition, within the scope of the Project, action will be taken in accordance with the Environment, Health and Safety Guides (Noise Management) published by the International Finance Corporation.

5.10. Glare and Sparkle Effect

Another effect of solar power plants is the reflection and glare effect that occurs as a result of the image or light created by direct sunlight or a bright sky on the panels. Although the severity of glare and glare effects varies depending on the time of year and the geographical location of the power plant, the importance of the effect depends on variables such as potential receptor points (settlements in the impact area, transportation routes, airports, etc.). Since photovoltaic panels absorb sunlight, the glare and glare effects in PV type systems are lower than in systems using other solar energy technologies.

Photovoltaic panels are designed to maximize absorption and minimize reflection to increase electricity generation efficiency. To limit reflection, photovoltaic panels are made of dark, light-absorbing materials and coated with an anti-reflective coating. Photovoltaic solar panels reflect an average of 2% of incoming sunlight.

According to the U.S. Federal Aviation Administration (FAA), current solar panels reflect slightly more light than black asphalt, on par with bodies of water and well below bare soil, vegetation, roofs, glass, snow or metal.[2]

[2]https://www.savemoneycutcarbon.com/

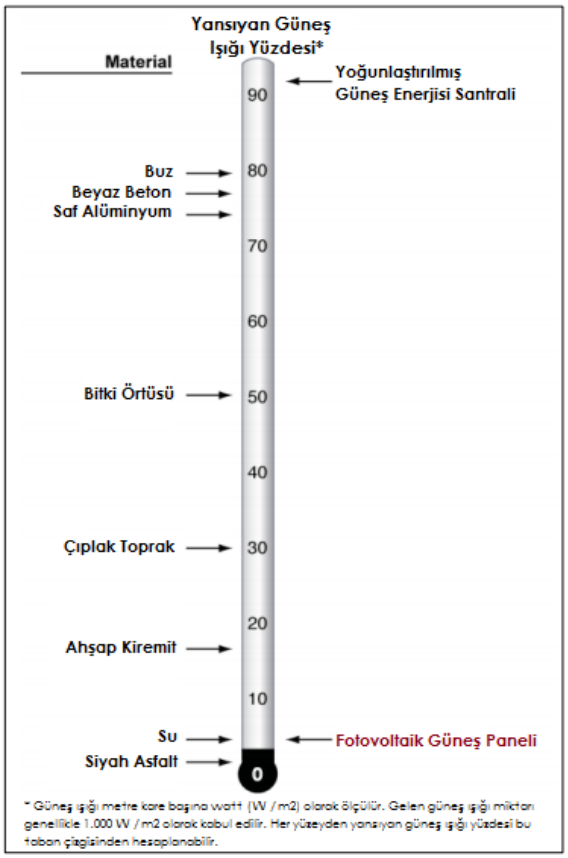


Figure 5. Sunlight Reflectance Percentages of Various Materials

Source:https://www.savemoneycutcarbon.com/learn-save/do-i-need-to-worry-about-glare-from-solar-panels/

Against possible reflection and glare effects, points where there is a risk of reflection will be determined and in the first year of operation, vegetal or artificial curtains will be applied at the necessary points according to visual monitoring and complaints from nearby settlements.

5.11. Evaluation According to Bird Migration Routes

Türkiye constitutes the southeastern borders of the wide geography defined as the Western Palearctic region. Every year, in spring and autumn, during periods defined as migration periods, very regular and large-scale bird migrations occur between the Western Palearctic Region and the central, eastern and southern parts of the African continent.

While one of these routes passes over the Bosphorus, the other one enters Türkiye from the Caucasus, passes through Northeastern Anatolia, and leaves Türkiye from the south, like the first route. In spring and autumn, these movements are exhibited in opposite directions. Türkiye is located on the most important bird migration routes between Europe and Africa, and due to its location, the areas on the migration routes are of great importance. The project area is not located on the bird migration routes of Türkiye.

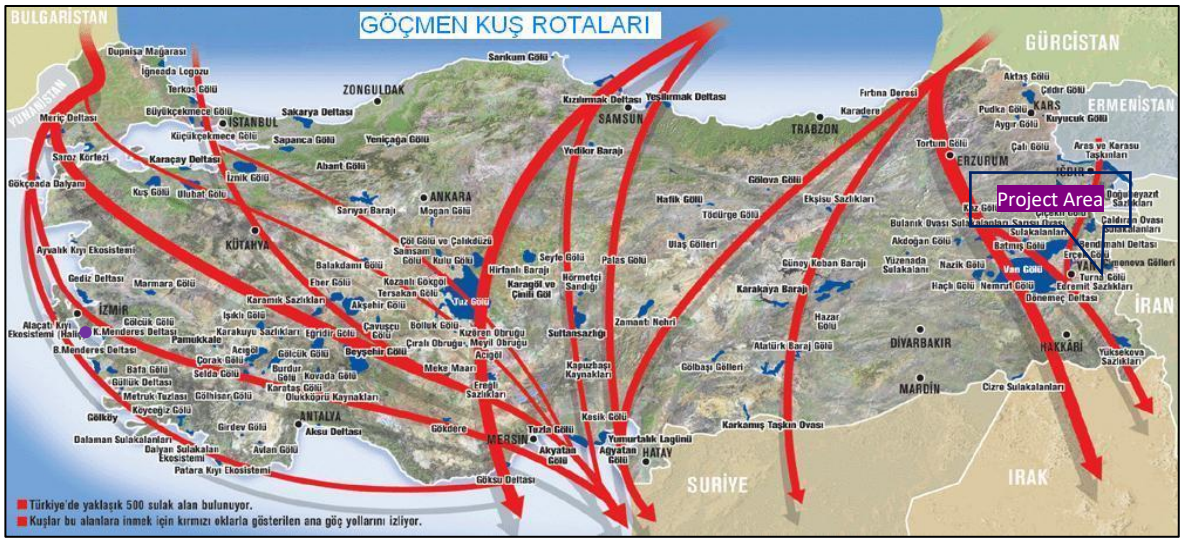


Figure 6. Migratory Bird Migration Routes Map

5.12. Biodiversity

There is no distribution of natural flora and fauna in the area where the Project is located. Therefore, it is not possible for natural flora and fauna to be affected by the construction activity of the project.

5.13. Population/Demographics

The closest settlement to the project area is Esentepe neighborhood, which is 500 m away and has a population of 1,047. 50% of the population is female and 50% is male.

The education level of the settlement; 75% of the population is Primary, Secondary and High School, 20% is Undergraduate and Postgraduate, and 5% is Other.

There is no negative impact on the population level expected from the project in the residential areas that are expected to be generally affected within the scope of the planned project. Additionally, no camping area will be established for workers during the construction period. Within the scope of the project, it is planned to meet the personnel needs as much as possible from local people.

Subcontractors are obliged to provide professional ethics training to each worker in order to ensure that the workers who will work during the construction do not have any negative impact on the social order. The Project Owner will ensure that contractors establish a code of conduct and ensure that workers regarding communication with citizens receive training before starting work.

5.14. Economy/Employment

The main source of income of Esentepe neighborhood, which is the closest settlement to the project area, is agriculture and animal husbandry. Agriculture and livestock activities are not carried out on the power transmission line route.

It is anticipated that temporary employment will be created for construction works during the renovation and capacity expansion works to be carried out in the project. During construction, priority will be given to contributing to the local economy by using local materials and paying attention to providing various goods.

5.15. Natural Habitats

In Türkiye, ecologically protected areas under the legal legislation under the responsibility of the Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Nature Conservation and National Parks; National Parks, Nature Conservation Areas, Wildlife Development Areas, Wild Animal Settlement Areas, Natural Parks, Natural Monuments, Ramsar Areas and Wetlands.

In Türkiye, areas that are ecologically protected by the legal legislation under the responsibility of the Ministry of Environment, Urbanization and Climate Change of the Republic of Turkey; They are Special Environmental Protection Areas.

When the project area is evaluated according to the ecologically protected areas under the legal legislation under the responsibility of both the Ministry of Agriculture and Forestry, General Directorate of Nature Conservation and National Parks and the Ministry of Environment, Urbanization and Climate Change of the Republic of Turkey, National Parks, Nature Conservation Areas, does not fall within Wildlife Development Areas, Wild Animal Settlement Areas, Natural Parks, Natural Monuments, Ramsar Areas, Wetlands and Special Environmental Protection Areas.

The closest protected areas to the project area are the Wildlife Development Area, located in the north-east direction of the project area and approximately 25.9 km away. The satellite image showing the distance between the project area and the wildlife development area is given below.

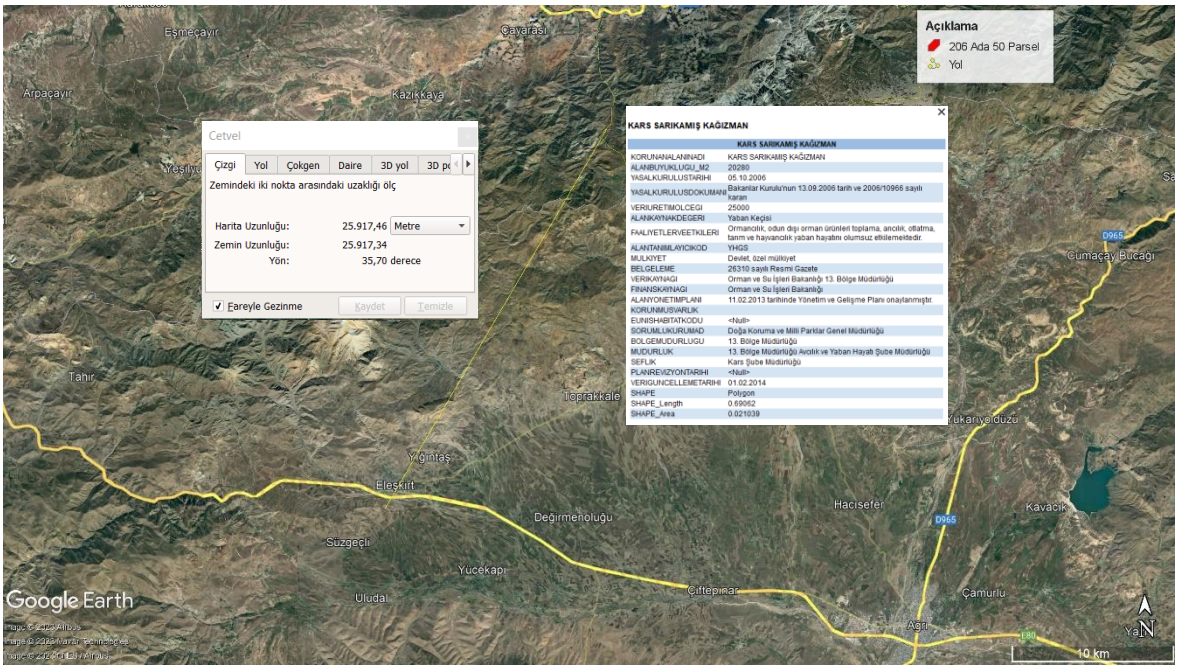


Figure 7. Project Area – Wildlife Development Area

5.16. Historical and Cultural Areas

The project area does not fall within the borders of any Tourism Center or Culture and Tourism Protection and Development Zone declared in accordance with the Tourism Incentive Law No. 2634.

If movable or immovable cultural assets are encountered during any work or operation to be carried out within the scope of the project, the nearest Museum Directorate will be informed in accordance with Article 4 of the Law Number 2863 on the Protection of Cultural and Natural Assets.

In addition, within the scope of the project, the provisions of the World Bank Physical Cultural Resources (OP 4.11) chance finds will be followed.

The closest cultural heritage site to the project site is Toprakkale Mosque located in Toprakkale neighborhood. The distance to the project site is approximately 14.5 km(see Figure 8).

Figure 8. The closest cultural heritage to the project site

5.17. Land Acquisition / Use

By Eleşkirt Municipality, within the borders of Ağrı province, Eleşkirt district, Esentepe District, 206 block 50 parcel "Solar Energy" Power Plant (500,5 kwp, 415 kwe)" is planned. The connection agreement given by ARAS EDAŞ within the scope of the planned project is given attached (See Annex-11). In this direction, a grid connection will be made at a distance of approximately 2,050 meters.

There are private lands on the ETL route and the access route to the project area. There are 4 parcels on the ETL route: forest land numbered 206/21 and field land numbered 206/33, 206/35 and 206/52. Of these lands, 206/21 and 206/66 are treasury lands, and 206/52 and 206/35 are private lands. In this regard, treasury parcels will be allocated to Eleşkirt Municipality, and easement rights will be established for private parcels. These operations will be completed by the end of 2024.

The characteristics of these lands are given below. Land registry records are included in the annex of the report. (See ANNEX-12).

Table 10. Parcel Details

Block	Parcel	Area Size (m²)	Qualification	Ownership
206	116	57.711,23	Raw Soil	Treasury Land
206	125	25.679,70	Field	Private
206	21	135.082,43	Forest	Treasury Land
206	33	7.556,60	Field	Treasury Land
206	35	38.815,12	Field	Easement
206	52	12.051,26	Field	Easement

Within the scope of the project in question, the area where the Solar Power Plant will be established was allocated by Eleşkirt Municipality. Accordingly, the Allocation letter is attached (See ANNEX-3).

Existing access road will be used for project activities and no additional land will be acquired for access roads. If additional access roads are required in the future, an environmental and social impact assessment will be conducted for the proposed route.

The measures presented in the ESMP will be complied with by the Project Owner and Subcontractors in order to create temporary security measures for the construction works to be carried out around the project area in order to avoid causing any inconvenience to the citizens.

5.18. Working conditions

It is planned to employ 10 personnel during the construction and machinery-equipment installation activities of the solar power plant and 2 personnel during the operation phase.

No campsite will be established for workers during the construction period. It is planned that the personnel needed for the project will be met from local people as much as possible. In case of need for accommodation, it is planned to provide accommodation in the Eleşkirt District. Transportation of personnel to the project site is the responsibility of the contractor company.

The Project Owner will be responsible for human resources for the construction and operation periods. Turkey is currently in the middle of its harmonization process with the European Union and its labor laws are being reviewed to ensure compliance. The project will comply with national labor, social security and occupational health and safety laws, World Bank Environment, Health and Safety Guidelines and International Labor Organization convention principles and standards.

In addition, the Subcontractor will provide training to its personnel during the execution of the works about the environmental and social impacts that should be taken into consideration during field works and included in the ESMP document. The subcontractor will inform its personnel about taking all precautions to prevent and/or minimize environmental and social impacts during field manufacturing. In addition, all these processes will be controlled by the Project Owner.

5.19. Occupational Health and Safety

It is planned to employ a total of 10 personnel during the construction process of the project, depending on the workload. No campsite will be established for workers during the construction period. It is planned that the personnel needed for the project will be met from local people as much as possible. In case of need for accommodation, it is planned to provide accommodation in the nearest settlement.

The construction phase of the project includes excavation, filling and heavy vehicle use. Vehicle movements can cause accidents resulting in injury and death. Occupational Health and Safety (OHS) risks may arise due to the risk of pollution, dust emissions and noise generation during site preparation and construction works. In particular, construction works may cause accidents that will threaten the health and safety of employees if necessary precautions are not taken. In this context, the Project Owner and Subcontractor are obliged to provide a safe and healthy working environment for employees. During the construction period, workers are exposed to noise, dust, heat, chemicals(In the event of a possible accident, the heavy metals (lead and cadmium) contained in the panels pose a risk to the ecosystem and human health.) etc. may be exposed to various dangers. If potential risks at various stages of the Project are not managed appropriately, occupational accidents and injuries may occur. Potential accidents that may occur during the operation phases of the projects may cause potential health problems due to non-routine risks.

It will be ensured that employees are informed about their job descriptions, responsibilities and risks that may threaten health and safety related to the work performed. Employees will be provided with the necessary personal protective equipment and will be provided with information about work and occupational safety through regular training.

The Project Owner will take reasonable precautions to prevent occupational accidents, injuries and illnesses on site, including measures to reduce and prevent the risk of injury or illness, as well as the risk of exposure to harmful levels of environmental factors and chemicals.

The Project Owner will require all employees and contractors to comply with local and international health and safety legislation and guidelines. This will include the use of

appropriate personal protective equipment (PPE), hearing protection and the implementation and adherence to a management system for activities associated with health and safety risks.

The risk of accidents that may arise from the technology and materials to be used within the scope of the project will be low if occupational health and safety legislation is strictly followed.

Within the scope of the project, the Occupational Health and Safety Regulation in Construction Works, Labor Law, Occupational Health and Safety Law and relevant regulations will be complied with.

The sub-project will be implemented in compliance with the requirements of the applicable national legislation, international agreements and conventions to which Türkiye is a party of, and in accordance with the WB operational policies and WB Group General Environmental, Health and Safety Guidelines (EHSGs) (2007)

In order to prevent all possible risks to human health at all stages of the project, all health and safety rules specified in the Labor Law, Occupational Safety Law and relevant regulations regarding occupational health and safety will be followed.

Work accidents, fire, etc. that may occur in the project area. to respond to emergencies; Fire extinguishing tools and equipment (fire extinguishers, buckets, shovels, etc.), first aid materials, etc. within the project site in accordance with current regulations and laws. Will be kept and placed in suitable places where everyone can easily reach them.

The equipment in question will be shaped according to the risk assessment study to be carried out within the scope of the project.

In this study, the concepts of "accept, share the risk, reduce the impact and frequency, avoid" are emphasized and the steps to be taken to manage the risks are given below.

Preparation of Risk Assessment Guide

Risk assessment analysis and checklists prepared by international organizations will be examined and a Risk Assessment Guide will be created for implementation in our country. Risk Assessment Guides include determining the dangers that may arise in advance and taking the necessary precautions. In order to protect the safety of workplaces and the health of employees in Türkiye, a Risk Assessment Guide must be available.

During the preparation of the Risk Assessment Guide, a Checklist and Risk Table are included. The Checklist is easy to use and understand. By simply answering Yes or No, predetermined points are checked.

In this regard, a Risk Assessment Guide will be prepared by the Occupational Health and Safety expert appointed within the scope of the project, in which hazards in both the construction and operation phases are defined, risks are determined, risk control measures are decided and monitoring work is included before the start of the activity.

Control List

The Checklist, prepared by the Occupational Health and Safety Specialist before starting the operation for the convenience of the user, includes the stages of preliminary analysis, project planning and design, tests and commissioning, and finally the operation of the power plant. In the stages examined, technical reasons are predominant and although it is not directly related to Occupational Health and Safety, it has an indirect effect. Risks where no precautions are taken against technical hazards during power plant installation will turn into Occupational Health and Safety risks in the following stages. Technical risks are included in the Checklist. In this regard, a Check List containing the risks and precautions that may occur in both construction and operation within the scope of the project will be prepared, and the personnel assigned for this job will periodically check whether the actions in the list are implemented.

Risk Assessment Table

The Risk Table, which is detailed in terms of Occupational Health and Safety, is more comprehensive than the Check List. In preparing the Risk Table, the risk value is determined by giving numerical values of the risks that may occur in the work area in advance. The Risk Tablet o be prepared will include 3 stages for Solar Power Plants. These are installation, tests and commissioning, and finally operation and maintenance of the power plant. In the content of the Risk Table, unlike the Checklist, non-technical risks in terms of Occupational Health and Safety will be examined. When using the Risk Table, firstly the hazards and the dangers that may arise from the hazards are determined. As a result of these, impact/harm consequences are defined. In order to determine the risk as a value, probability and severity values are determined and the risk value is created as a result of multiplying them. If the risk value is below the threshold value, it means that the risk is at an acceptable level and the measures are sufficient; if it is not below the threshold value, it means that the risk is not at an acceptable level and the measures taken are insufficient. In this case, the measures taken need to be increased. In this regard, a Risk Assessment Table will be prepared by an Occupational Health and Safety expert in which the impact of existing risks that may occur in both construction and operation will be determined.

Application of Risk Assessment Table

The Risk Assessment Table, which determines the impact of existing and possible risks in both construction and operation, prepared by an OHS expert before starting the activity, must be used both during the opening of the electricity transmission line and the installation of Solar Power Plants. Thanks to preliminary studies, possible risks are identified and precautions are taken. It is decided whether the measures are sufficient or not by taking into account the threshold value. If the risk value of a hazard is above the threshold value, it is seen that the measures taken are not sufficient. This may not always be the case. Although adequate precautions have been taken thanks to preliminary studies, the risk value may be above the threshold value. In this context, measures determined in line with the risk control hierarchy will be implemented in order to eliminate risks and create a safe working environment within the control of the OHS specialist.

Within the scope of the project, an Emergency Response Plan will be prepared by the project owner to protect occupational safety and worker health.

Within the scope of the project, action will be taken in accordance with the Environment, Health and Safety Guidelines (Occupational Health and Safety) published by the International Finance Corporation (IFC).

5.20. Institutional Arrangements

By Eleşkirt Municipality, within the borders of Ağrı province, Eleşkirt district, Esentepe District, 206 block 50 parcel, "Solar Energy" Power Plant Project (500,5 kwp, 415 kwe)" is planned. It is necessary to have resources allocated to the management of environmental and social issues to ensure that the project in question is carried out in a way that minimizes its potential impacts. In this regard, first of all, the current structure of Eleşkirt Municipality was evaluated and the institutional infrastructure needed to provide the specified services was tried to be revealed.

5.21. Current Administrative (Institutional Structure)

There are 10 directorates within the municipality.

5.22. Duties and Responsibilities

It is the responsibility of Eleşkirt Municipality to manage the issues specified in the ESMP prepared for the healthy execution of the project and to ensure that the necessary mechanisms are developed and implemented by the Contractor.

The studies to be carried out within the scope of this ESMP and the parties responsible for these studies are given below.

Table 11. Duties and Responsibilities

Organisation	Duties and Responsibilities
World Bank	• Checking whether the loan obtained from the bank is used within the scope of the relevant business, • Verifying compliance with tender, contract documents and procedures • Monitoring the transactions to be carried out at certain periods, • Conducting site visits with a designated team at certain periods.
ILBANK	• Providing guidance on compliance of project documents prepared by Eleşkirt Municipality with World Bank requirements. • Providing guidance to Eleşkirt Municipality regarding public participation and announcement requirements, • To provide guidance to Eleşkirt Municipality officials and consultants on World Bank requirements for protection measures (documents and procedures) regarding cultural assets, land acquisition and involuntary resettlement, natural habitats, forests and international waterways, • Reviewing documents related to the environmental and social assessment of the project, providing comments to consultants and granting official approval to these documents and procedures in accordance with World Bank safeguarding requirements, • Monitoring studies such as the implementation of ESMP and other environmental and social impact mitigation measures, • Monitoring and auditing Eleşkirt Municipality's ESMP practices and providing feedback on its performance, suggestions and steps to be taken within the scope of general project supervision, • Obtaining the opinions of relevant groups and local environmental/social experts about the environmental and social dimensions of the project implementation and holding meetings with these groups when necessary during field visits, • Ensuring coordination and communication regarding field visits to be carried out within the scope of World Bank inspection missions regarding environmental and social protection measures related to project implementation.
Eleşkirt Municipality	• Execution of tenders in accordance with the Public Procurement Agency legislation and the legal requirements of the World Bank, monitoring the Construction Contract and working in cooperation with ILBANK on construction supervision, • Implementation of ESMP and related management plans and fulfillment of all commitments within the scope of ESMP, • Sharing the ESMP with the Contractor, guiding the Contractor in the preparation of sub-management plans, and approving these plans, • Updating the ESMP when necessary and sharing additional commitments with the Contractor,

	• Environmental review, monitoring and inspections regarding ESMP applications, evaluation of results, • Auditing contractor activities in line with ESMP requirements, • Providing EHS training to all Project personnel, • Ensuring compliance with project standards, taking urgent action in case of non-compliance, • To stop work in any situation that threatens the environment, society and occupational health and safety, • To ensure the tracking and analysis of environmental (including OHS) and social accidents/incidents, • Ensuring stakeholder participation, implementation of the complaint redressal mechanism, ensuring continuous information transfer through open communication, • To report unexpected situations such as environmental, social and labor problems or accidents, incidents or loss of time to ILBANK and the World Bank within three business days, • Coordinating actions and evaluations in case of changes in legislation regarding environmental and social issues, changes in permit provisions, new environmental/social data, construction/operation strategy changes.
The Contractor	• Fulfilling all requirements of ESMP and management plans, • Implementation of additional commitments determined by Eleşkirt Municipality, • Ensuring compliance with project standards and obtaining all relevant permits and licenses, • Monitoring construction activities (including subcontractor activities) and taking measures within the scope of ESMP, • Developing sub-management and monitoring plans/procedures in accordance with the ESMP structure and implementing them after the approval of Eleşkirt Municipality, • Employing competent Environmental, Social and OHS Experts (at least one Social Expert, one Environmental Expert and one OHS Expert) within the scope of the project, • Providing necessary training on environmental and social issues to contractor and subcontractor personnel, • Ensuring follow-up and analysis of environmental and social accidents, • Reporting environmental audits, monitoring and inspections regarding ESMP practices to Eleşkirt Municipality, • Immediate notification of unexpected situations such as environmental, social and business problems or accidents, incidents or loss of time to the Project Owner and keeping an event log on site throughout the life of the Project, • The incident report containing root cause analysis and corrective actions to be taken will be submitted to ILBANK and the World Bank within 30 days.

Eleşkirt Municipality will include environmental, social and OSH experts to oversee the implementation of the ESMP. Eleşkirt Municipality experts will monitor the implementation of the ESMP by Eleşkirt Municipality and document performance,

recommendations and other necessary actions. Provides guidance to municipal officials on World Bank procedures, consultation and disclosure requirements.

5.23. Training

Project Owner Eleşkirt Municipality will conduct a training and awareness program covering ESMP expectations and commitments. The Audit Consultant will organize a workshop for this training with the Project Owner. As a minimum requirement, this program will be implemented as training for employees and contractors responsible for the implementation of the ESMP. The Project Owner will provide training to employees and subcontractors before the construction phase begins.

The person will be given the necessary training before the recruitment process. Compliance with the rules of conduct, including gender-based violence, sexual harassment, sexual exploitation and abuse, included in the training to be provided, will be included in the contract clauses of the staff. The sanctions to be applied in case of non-compliance with the rules of conduct will be clearly stated in the contract.

Measurement and evaluation should be made at the end of the training given to the personnel. This aims to increase the competence of staff. According to the results of the review, it is determined whether the training is effective or not, and if necessary, changes can be made to the training program, instructors can be changed or the training can be repeated.

The Project Owner will ensure that all personnel responsible for the implementation of this ESMP are competent in terms of education, training and experience. All personnel will be provided with environmental and social training appropriate to their fields of activity and level of responsibility.

Trainings will be repeated at regular intervals, taking into account the changing and emerging new risks specified in the Regulation on the Procedures and Principles of Occupational Health and Safety Training of Employees. Informing and training activities will be carried out not only for employees but also about the measures to be taken for public health and safety. Within the scope of the project, action will be taken in accordance with the Environment, Health and Safety Guides (Occupational Health and Safety) published by the International Finance Corporation (IFC).

5.24. Environmental and Social Management Plan

As the sub-project owner, it is the responsibility of Eleşkirt Municipality to manage the environmental and social issues of the project and to ensure that the necessary mechanisms are developed and implemented by the Contractor and/or Sub-Contractor.

Within the scope of SCP-II AF, it is anticipated that some environmental and social impacts may occur during the pre-construction phase, land preparation and construction phase and operation phases of the planned SPP project.

The management of the impacts that may occur on the environmental and social components during the pre-construction, land preparation, construction and operation phases and the relevant mitigation measures defined for these impacts are given in **Hata! Başvuru kaynağı bulunamadı.** and **Hata! Başvuru kaynağı bulunamadı.**.

Parameters such as wastewater, solid and hazardous waste, noise and vibration, dust emissions and excavation works that will be generated during the construction phase of the SPP have a direct impact on the environment and human health. However, considering the amount of formation and the duration of formation, the impact is expected to be low. It is expected to have a low indirect impact on traffic, cultural heritage and biodiversity. The costs required for the measures to be taken during the construction phase and the monitoring plan will be covered from the project budget. All responsibilities regarding the measures and the monitoring plan belong to the Contractor company and Eleşkirt Municipality.

Noise, vibration, and dust formation are not expected during the operation phase. The costs required for the measures to be taken during the operation phase and the monitoring plan will be covered by Eleşkirt Municipality. All responsibilities regarding the measures and the monitoring plan belong to Eleşkirt Municipality.

Table 12. Construction Phase Mitigation Plan

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
WASTE WATER	**Land Preparation and Construction Phase;** Domestic wastewater will be generated due to the personnel to work.	When they are not treated or disposed of appropriately, they cause underground and surface water pollution and soil pollution, and can negatively affect human and environmental health**.**	Direct	Low	Within the scope of the planned project, the water need of 10 personnel who will work in the construction and land preparation phase is **1.93 m³/day**, and the amount of wastewater it will create is **1,82 m³/ day**. A septic tank will be installed for the sink needs of the people who will work in the planned project and will be drawn by a sewage truck at certain periods.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
SOLID WASTE- HAZARDOUS WASTE- MEDICAL WASTE- PACKAGING WASTE	**Land Preparation and Construction Phase** Municipal waste caused by personnel working in the project area Packaging waste from personnel In addition, there are hazardous waste, waste batteries and accumulators. It is possible for panels to become damaged/idle.	When not disposed of, it causes contamination of underground and surface water resources, soil pollution and odor problems for human health.	Direct	Low	Municipal waste will be generated due to a total of 10 personnel who will work during the land preparation and construction phases of the project. Among the wastes that can be generated, recyclable (paper, plastic, glass, etc.) and non-recyclable wastes (food scraps, etc. organic waste) will be collected separately in garbage containers placed at various points of the project site. Wastes that can be recycled will be sent to licensed recycling companies; Domestic solid waste that cannot be recycled will be disposed of by giving it to the relevant Municipality. For the packaging waste generated in the facility, in accordance with the colors specified within the scope of the "Zero Waste Regulation" published in the Official Gazette No. 30829 dated 12.07.2019 (blue color for paper waste, yellow color for plastic waste, gray color for metal waste, green color for glass waste). and black for non-recyclable waste) waste bins will be provided, a Zero Waste Management System will be established and data of the waste collected for the previous month will be entered into the Integrated Environmental Information System (e- çbs) within the framework of the relevant regulation by the 15th of each month.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
					Since the solid waste that will be generated within the scope of the project will not be stored in the project area for a long time, it will not cause any problems such as odor, appearance or leakage. All solid wastes (food scraps, packaging paper, pet bottles, glass bottles, etc.) to be generated within the scope of the project are subject to the "Waste Management Regulation", "Packaging Waste Control Regulation", "Zero Waste Management Regulation", which came into force after being published in the Official Gazette dated 02.04.2015 and numbered 29314. It will be disposed of in accordance with the “Waste Regulation”. Panels, switches, solar regulators, inverters, etc that break down and become idle during or after the activity in question. The materials will be temporarily stored in the Hazardous Waste Storage Area in the existing facility, classified according to their properties and delivered to licensed recycling companies for recycling. Wastes that cannot be recycled will be given to licensed companies to be disposed of in accordance with the conditions specified in the "Waste Management Regulation", which came into force after being published in the Official Gazette dated 02.04.2015 and numbered 29314.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
AIR POLLUTION	**Land Preparation and Construction Phase** Dust emissions from excavation works and exhaust gas from construction machinery and vehicles to be used during the land preparation and construction phase of the project emissions will occur.	Emissions may temporarily cause air pollution and indirectly soil and water pollution. It will also have temporary effects on human health flora and fauna in the close vinicity.	Direct	Low	In order to minimize dust emissions that will occur during the land preparation and construction phase; Irrigation will be done with water sprinklers on the road routes, filling and unloading operations will be carried out without blowing, vehicles will be covered with tarpaulins during the transportation of materials and the upper part of the material will be kept at 10% humidity. In order to minimize the emissions resulting from vehicles, all vehicles and equipment to be used will be routinely checked, vehicles that require maintenance will be taken into maintenance, and other vehicles will be used in the works until their maintenance is completed. In addition, they will be warned to work in accordance with the Traffic Law and care will be taken to ensure that they load in accordance with the loading standards. At all stages of the project, the provisions of the "Regulation on the Control of Industrial Air Pollution" which came into force after being published in the Official Gazette dated 03.07.2009 and numbered 27277 will be complied with. *The "Exhaust Gas Emission Control Regulation" and its provisions*, which came into force after being published in the Official Gazette dated 11.03.2017 and numbered 30004, will be complied with during the land preparation, construction and operation stages of the Project.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
NOISE AND VIBRATION	**Land Preparation, Construction and Stages:** During the land preparation and construction phases of the project, noise will be generated from the operation of construction equipment and machinery equipment.	Noise has negative effects on human health and flora-fauna.	Direct	Low	The noise that will occur during the construction phase of the project will be local and temporary and will end at the end of construction. During this phase, regular checks of the work machines to be used will be made to ensure that the limit values specified in the Environmental Noise Control Regulation are not exceeded. Care will be taken to ensure that as few vehicles as possible operate at the same time. During the construction phase, noise will vary throughout the day during the works, but since the works will be carried out during the day (07:00-19:00), noise generation will be limited. During the works within the scope of the project, necessary measures will be taken to minimize noise generation, taking into account the conditions to be observed in road vehicles and the conditions to be observed in equipment used in open areas. In addition, in the project area, the issues specified regarding the "noise criteria for construction sites" will be complied with regarding the noise that will occur during the construction phase, and vehicles with traffic inspections, exhaust measurements and maintenance will be used. In addition, if necessary, workers will be provided with headgear, headphones, earplugs, etc. specified in the Labor Law Number 4857. Protective clothing and equipment such as will be provided.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
EXCAVATION AND SOIL POLLUTION	**Land Preparation and Construction Phase** During the land preparation and construction phase of the project, excavation residue material will be generated during excavation.	If not disposed of, it causes visual pollution and dust spread.	Direct	Low	Flammable, explosive and hazardous materials will not be used in the excavation works to be carried out during the land preparation and construction phase. During the works, the provisions of the Waste Management Regulation, the Regulation on the Regular Storage of Numbered Wastes and the Regulation on the Control of Excavation Soil, Construction and Demolition Wastes will be complied with.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
CULTURAL HERITAGE	Chance Find Prodecure	Destruction or damage to cultural heritage	Indirect	Low	Within the scope of the project, in the definitions section of Article 3 of the Law on the Protection of Cultural and Natural Assets No. 2863, Cultural Assets; Because it defines all movable and immovable assets above ground, underground or under water that are related to science, culture, religion and fine arts from prehistoric and historical periods or that are the subject of social life in prehistoric or historical periods and have scientific and cultural unique value. If any cultural property falling within the scope of Law No. 2863 is encountered during the underground applications, the work will be stopped immediately and the Ağrı Cultural Heritage Preservation Regional Board Directorate and the relevant Museum Directorate will be notified and the Chance Find Procedure will be applied.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
TRAFFIC, PEDESTRIAN SAFETY AND TRANSPORTATION	Temporary Blockage of Transportation Roads between Settlements	Traffic Vehicles Cause Destruction on Roads and Buildings	Indirect	Low	Ensure all vehicles during construction adhere to the set speed limit of 30 km/h. Install traffic and warning signs around and near the sub-project area. Make the sub-project area clearly visible. Inform the local community about potential hazards and risks through brochures and posters placed in commonly frequented areas like the headman's office, hospital, health center, mosque, coffee house, and marketplace. Schedule activities impacting local traffic to avoid rush hours as much as possible. Provide training for all sub-project drivers on road safety, speed limits, traffic rules, and necessary precautions. Ensure that vehicle weights do not exceed legal limits as per the Highway Traffic Regulation. Use licensed carriers to transfer hazardous chemicals or waste, ensuring no threats to community health. Use pre-designated routes for special cargo in coordination with relevant authorities to avoid traffic congestion; these routes will be announced in advance to minimize disturbances. Collaborate with the Municipality to jointly plan traffic arrangements. Surround the construction site with fencing, curtains, or protective tape to prevent unauthorized access and uncontrolled entries.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures
EFFECTS ON BIODIVERSITY	Land Preparation and Construction Phase During the land preparation and construction phase of the project, affecting biodiversity	Species loss (extinction) is the cause of fragmentation and degradation of habitats.	Indirect	Low	Remove vertebrate species from the area before clearing vegetation. Collect and remove all stones, regardless of size, allowing any species underneath to move away naturally. Workers handling this should wear gloves. Allow tortoises ample time to leave the area when encountered. If vertebrate species are spotted in the work area, allow them to move away on their own without interference. Provide training for vehicle drivers to recognize and understand how to handle encounters with local vertebrate species. Regularly inspect and minimize vehicle outputs (e.g., noise, light, exhaust emissions). Cover vehicles after loading to prevent materials from dispersing into the environment. Limit vehicle speed to a maximum of 30 km/h across the entire area. Minimize noise generation from machinery during plant operations. Use non-LED light sources and direct them to avoid illuminating surrounding vertebrate habitats, especially during night-time. Prohibit hunting, trapping, or intentional harm to wildlife by sub-project workers and drivers. Ensure that all facility-generated waste is transferred to proper waste treatment and storage facilities, and that transfer vehicles follow designated routes without releasing waste into the environment.

Table 13. Operation Phase Mitigation Plan

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
WASTE WATER	**Operation Phase;** Domestic wastewater will be generated due to the personnel to work.	When they are not treated or disposed of appropriately, they cause underground and surface water pollution and soil pollution, and can negatively affect human and environmental health**.**	Direct	Low	The water need of 2 personnel who will work during the operation phase is calculated as **0,16 m³/day**, and the amount of wastewater it will create is calculated as **0,29 m³/day**. A septic tank will be installed for the sink needs of the people who will work in the planned project and will be drawn by a sewage truck at certain periods.	All responsibilities during operation belong to Eleşkirt Municipality

SOLID WASTE- HAZARDOUS WASTE- MEDICAL WASTE- PACKAGING WASTE	**Operation Phase** Municipal waste caused by personnel working in the project area Packaging waste from personnel In addition, there are hazardous waste, waste batteries and accumulators.	When not disposed of, it causes contamination of underground and surface water resources, soil pollution and odor problems for human health.	Direct	Low	Municipal waste will be generated due to a total of 2 personnel who will work during the land preparation and construction phases of the project. Among the wastes that can be generated, recyclable (paper, plastic, glass, etc.) and non-recyclable wastes (food scraps, etc. organic waste) will be collected separately in garbage containers placed at various points of the project site. Wastes that can be recycled will be sent to licensed recycling companies; Domestic solid waste that cannot be recycled will be disposed of by giving it to the relevant Municipality. For the packaging waste generated in the facility, in accordance with the colors specified within the scope of the "Zero Waste Regulation" published in the Official Gazette No. 30829 dated 12.07.2019 (blue color for paper waste, yellow color for plastic waste, gray color for metal waste, green color for glass waste). and black for non-recyclable waste) waste bins will be provided, a Zero Waste Management System will be established and data of the waste collected for the previous month will be entered into the Integrated Environmental Information System (e- çbs) within the framework of the relevant regulation by the 15th of each month. Since the solid waste that will be generated within the scope of the project will not be	

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
					stored in the project area for a long time, it will not cause any problems such as odor, appearance or leakage. All solid wastes (food scraps, packaging paper, pet bottles, glass bottles, etc.) to be generated within the scope of the project are subject to the "Waste Management Regulation", "Packaging Waste Control Regulation", "Zero Waste Management Regulation", which came into force after being published in the Official Gazette dated 02.04.2015 and numbered 29314. It will be disposed of in accordance with the "Waste Regulation". Panels, switches, solar regulators, inverters, etc that break down and become idle during or after the activity in question. The materials will be temporarily stored in the Hazardous Waste Storage Area in the existing facility, classified according to their properties and delivered to licensed recycling companies for recycling. Wastes that cannot be recycled will be given to licensed companies to be disposed of in accordance with the conditions specified in the "Waste Management Regulation", which came into force after being published in the Official Gazette dated 02.04.2015 and numbered 29314.	

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
TRAFFIC, PEDESTRIAN SAFETY AND TRANSPORTATION	Temporary Blockage of Transportation Roads between Settlements	Traffic Vehicles Cause Destruction on Roads and Buildings	Indirect	Low	Install traffic and warning signs around and near the sub-project area. Make the sub-project area clearly visible. Use licensed carriers to transfer waste, ensuring no threats to community health. Collaborate with the Municipality to jointly plan traffic arrangements. Surround the construction site with fencing, curtains, or protective tape to prevent unauthorized access and uncontrolled entries. Limit vehicle speed to a maximum of 30 km/h across the entire area.	

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
EFFECTS ON BIODIVERSITY	Land Preparation and Construction Phase During the land preparation and construction phase of the project, affecting biodiversity	Species loss (extinction) is the cause of fragmentation and degradation of habitats.	Indirect	Moderate	Provide training for vehicle drivers to recognize and understand how to handle encounters with local vertebrate species. Cover vehicles after loading to prevent materials from dispersing into the environment. Use non-LED light sources and direct them to avoid illuminating surrounding vertebrate habitats, especially during nighttime. Ensure that all facility-generated waste is transferred to proper waste treatment and storage facilities, and that transfer vehicles follow designated routes without releasing waste into the environment.	

Table 14. Construction Phase Monitoring Plan

PARAMETER TO BE MONITORED		LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Excavation Waste		In the project area	Visual inspection, record and report keeping	During the excavation works, continuous	Compliance with the Regulation on the Control of Excavation Soil, Construction and Demolition Waste	-Eleşkirt Municipality -Contractor	Included in the project budget
Air Management	Dust Emission	Construction site and transportation routes	Observational	Throughout the entire construction	Monitoring whether measures are taken to prevent dust emissions, protecting the environment and employee health, Industrial Air Pollution Control Regulation, Air Quality Assessment and Management Regulation, IFC Environmental Health and Safety Guidelines: Air Emissions and Ambient Air Quality	- Eleşkirt Municipality -Contractor	
	Vehicle Emissions	Construction equipment exhausts	Observational	During periodic maintenance periods of vehicles	Ensuring compliance with the Exhaust Gas Emissions Control Regulation, IFC Environmental Health and Safety Guidelines: Air Emissions and Ambient Air Quality	-Eleşkirt Municipality -Contractor	
Noise		In sensitive areas near construction sites and work areas	With Noise and Vibration Measurement Device, by a Qualified and Accredited Company (Observational)	In cases where there is a grievance	Environmental Noise Control Regulation, Regulation on the Protection of Employees from Noise-Related Risks, IFC Environmental, Health and Safety Guidelines: Noise Management	- Eleşkirt Municipality -Contractor	
Vibration		In sensitive areas near construction sites and work areas	With Noise and Vibration Measurement Device, by a Qualified and Accredited Company (Observational)	In studies carried out at different points or in cases where there is a grievance	Environmental Noise Control Regulation, Regulation on the Protection of Employees from Noise-Related Risks, IFC Environmental, Health and Safety Guidelines: Noise Management	- Eleşkirt Municipality -Contractor	

PARAMETER TO BE MONITORED		LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Landscape		Areas where construction work will be carried out	Taking photos and recording with a camera	Continually observational	For landscaping works to be carried out after construction	- Eleşkirt Municipality	
Waste Management	Municipal waste, Packaging Waste	In the construction area or in the area to be used as a construction site	Observational Audit and Recording Waste Records	Daily	Ensuring compliance with the Regulation on Soil Pollution Control and Point Source Contaminated Sites, Packaging Waste Control Regulation, Waste Management Regulation, IFC Environmental, Health and Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	
	Hazardous Wastes	In the construction area or in the area to be used as a construction site	Observational Audit and Recording Waste Records	Continually	Ensuring compliance with the Waste Management Regulation, IFC Environmental, Health and Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	
	Other Wastes (Battery, Battery, etc.)	In construction sites	Recording the Delivery to Recycling Companies	Continually	Regulation on the Control of Waste Batteries and Accumulators, IFC Environmental health oath Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	
Occupational Health and Safety		In all studies	Observation and supervision	Continually	Ensuring compliance with Labor Law and Regulations, IFC Environmental, Health and Safety Guidelines: Occupational Health and Safety	- Eleşkirt Municipality	
Transportation (Traffic load that may occur during the transportation of panels)		On-site and off-site roads	Observational	Continually	Life and property safety Road Traffic Law	- Eleşkirt Municipality	

PARAMETER TO BE MONITORED	LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Labor and Labor Flow	In all studies	Inspection of inappropriate working conditions, child labor, unregistered employment	Continually	Ensuring compliance with Labor Law and Regulations, IFC Environmental, Health and Safety Guidelines: Occupational Health and Safety	- Eleşkirt Municipality	
Waste water	Septic tank	Analysis Disposal Records	During the construction phase	Water Pollution Control Regulation, IFC Environmental, Health and Safety Guidelines: Wastewater Management	- Eleşkirt Municipality -Contractor	
Grievance Mechanism	In all studies	Documentation control, review of grievance records, number and nature of resolved grievances	Continually	Examining Accident Records, Carrying out Internal and External Audits and Due to the functioning of the Grievance Mechanism	- Eleşkirt Municipality	
Climate Change	In all studies	Calculation of greenhouse gas emissions reduced within the scope of the project (documentation control)	Annually	Adapting to Climate Change / Reducing greenhouse gas emissions	- Eleşkirt Municipality	
Public Health and Safety Community Engagement	In all studies	Documentation control Examining security records and keeping an eye out for elements that may threaten public health and safety during construction.	Monthly	Examining grievance records, Keeping training records, Preparation of exercise reports Archiving of Accident Registration, Meeting and Announcement Minutes IFC Environmental Health and Safety Guidelines: Community Health and Safety	- Eleşkirt Municipality	
Cultural Assets/ Chance finds	In excavations	Observational	During the construction phase	Law on the Protection of Cultural and Natural Assets, OP 4.11 Physical and Cultural Resources	- Eleşkirt Municipality -Contractor	

Table 15. Operation Phase Monitoring Plan

PARAMETER TO BE MONITORED		LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Waste Management	Municipal waste, Packaging Waste	In the operation area	Observational Audit and Recording Grievance Records Waste Records	Daily	Ensuring compliance with the Regulation on Soil Pollution Control and Point Source Contaminated Sites, Packaging Waste Control Regulation, Waste Management Regulation, IFC Environmental, Health and Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	Included in the project budget
	Hazardous Wastes	In the operation area	Observational Audit and Recording Grievance Records Waste Records	Continually	Ensuring compliance with the Waste Management Regulation, IFC Environmental, Health and Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	Included in the project budget
	Other Wastes (Battery, Battery, etc.)	In operation area	Recording the Delivery to Recycling Companies Grievance Records Waste Records	Continually	Regulation on the Control of Waste Batteries and Accumulators, IFC Environmental health oath Safety Guidelines: Waste Management	- Eleşkirt Municipality -Contractor	Included in the project budget
Occupational Health and Safety		In all studies	Observation and supervision Grievance Records	Continually	Ensuring compliance with Labor Law and Regulations, IFC Environmental, Health and Safety Guidelines: Occupational Health and Safety	- Eleşkirt Municipality	Included in the project budget
Labor and Labor Flow		In all studies	Inspection of inappropriate working conditions, child labor, unregistered employment Grievance Records	Continually	Ensuring compliance with Labor Law and Regulations, IFC Environmental, Health and Safety Guidelines: Occupational Health and Safety	- Eleşkirt Municipality	Included in the project budget

PARAMETER TO BE MONITORED	LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Waste water	Septic tank	Analysis Grievance Records Disposal Records	During the construction phase	Water Pollution Control Regulation, IFC Environmental, Health and Safety Guidelines: Wastewater Management	- Eleşkirt Municipality -Contractor	Included in the project budget
Grievance Mechanism	In all studies	Documentation control, review of grievance records, number and nature of resolved grievances	Continually	Examining Accident Records, Carrying out Internal and External Audits and Due to the functioning of the Grievance Mechanism	- Eleşkirt Municipality	Included in the project budget
Climate Change	In all studies	Calculation of greenhouse gas emissions reduced within the scope of the project (documentation control)	Annually	Adapting to Climate Change / Reducing greenhouse gas emissions	- Eleşkirt Municipality	Included in the project budget
Public Health and Safety Community Engagement	In all studies	Documentation control Examining security records and keeping an eye out for elements that may threaten public health and safety during construction.	Monthly	Examining grievance records, Keeping training records, Preparation of exercise reports Archiving of Accident Registration, Meeting and Announcement Minutes IFC Environmental Health and Safety Guidelines: Community Health and Safety	- Eleşkirt Municipality	Included in the project budget

6. Stakeholder Participation

A stakeholder can be defined as any person, institution or group that has an interest/share in the project and its impacts. The purpose of stakeholder identification is; It is the identification and prioritization of project stakeholders, who may be directly or indirectly, negatively or positively affected by the project, or who are not directly affected but may be interested in the project, for consultation purposes. All stakeholder groups that are interested in the outcome of the project, that may be affected by the project, or that may have an impact on it will be identified. It involves screening a wide range of potential stakeholders, including institutions, associations, NGOs and other informal groups that should be included in the stakeholder engagement process.

The purpose of stakeholder participation; It is to ensure continuous communication with stakeholders to provide them with information about the activities to be carried out during the construction and operation periods of the project, including project performance, project development and investment plans and their implementation. Stakeholder engagement is an activity that will continue throughout the planning, construction, operation and closure phases.

The people who will be primarily affected by the project are the people living in Esentepe Neighborhood, which is located in settlement close to the project route . Within the scope of the project, the land preparation and construction process will last 3 weeks. The total installation time of the project is expected to be 8 weeks. If needed within the scope of the project, local personnel will be employed.

It is important to make particular efforts to identify disadvantaged and vulnerable stakeholders who may be differently or disproportionately affected by the project or who may have difficulty participating in the participation and development process. Stakeholder identification is also an ongoing process and will require regular review and updating.

The stakeholder analysis table determined within the scope of the project in question is given Table 16.

Table 16. Stakeholder Analysis Table

Parties Affected by the Project	The project is located in the residential area. Esentepe Neighborhood and approximately 363 people living here. Eleşkirt Municipality Project Workers
Other Interested Parties	World Bank İlbank Ministry of Environment, Urbanization and Climate Change Energy and Natural Resources Ministry

	Ağrı Governorship Provincial Directorate of Environment, Urbanization and Climate Change Eleşkirt District Governorate İlbank Van Regional Directorate Türkiye Electricity Distribution Inc. ARAS Electricity Distribution Inc. The contractor Advisor
Vulnerable/Disadvantaged Individuals and/or Groups*	Vulnerable individuals/groups living in Esentepe Neighbourhood 79 people

*Resource: Mukhtar Meeting, 2024

Grievance Mechanism

The purpose of the Grievance Mechanism is to ensure that people affected by the project, including primarily affected communities and project staff, have access to the problem-solving procedure. Complaints may indicate growing stakeholder concerns and may escalate if not identified and resolved. Identifying and responding to complaints supports the development of positive relationships between project staff, local communities and other stakeholders. To evaluate the Environmental and Social Impacts of the Project during the construction and operation phase of the Project ; A Complaint Procedure will be prepared to cover all complaints expressed by internal and external stakeholders, including the activities of contractors. While the complaint mechanism is being established, a telephone line that will be active 24/7 will be established, and opinions and complaints will be collected by e-mail, postal mail and orally. Stakeholders may request that their complaints be recorded anonymously.

A structured Grievance Mechanism ensures that Project-related complaints are addressed through a transparent and impartial process. In this regard, from the early stages of the project's life cycle, the complaint procedure will be and will continue to be disclosed to the public through individual or group meetings, printed materials and notice boards.

Since the current installed system does not have a project-specific mechanism and recording system that complies with international standards, it is expected that a project-specific Grievance Mechanism will be established. In this regard, the personnel appointed by the municipality will record the complaints and suggestions received from different

channels in a single established system and provide solutions within the time and application framework specified below. Personnel to be appointed by the municipality:

- From people communicating via phone/e-mail,
- From stakeholders who want to communicate based on project documentation,
- Coming from construction period personnel,
- From Project worker,
- It will record and track all complaints forwarded to contractors and written in petitions in a single system.

In order for this method to be successful, the appointed Municipal personnel, other municipal experts and subcontractors will be in constant contact. Introducing the complaint mechanisms, which are open to the public and will be established separately for employees, to the relevant stakeholders will also be included in the job description of the Municipality personnel to be appointed.

The Grievance Mechanism will be informed about the guide prepared by the World Bank to prevent sexual exploitation, abuse and harassment of projects financed within the scope of construction works. Complaints of gender-based violence, exploitation and harassment can create a culture of silence due to possible negative reactions by society. In order to prevent this, it is of great importance for stakeholders to submit complaints regarding these issues regarding the Project anonymously. In addition, authorities handling complaints must handle such matters confidentially and with an unbiased approach .[3]

In the Mechanism to be established, all complaints received will be recorded in the Complaint Log by assigning a reference number.

Contact channels for formal complaints are provided below.

Eleşkirt Municipality:

The contact information of Eleşkirt Municipality, which stakeholders will use to convey their complaints, is given below.

Website: https://www.eleskirt.bel.tr/
Email: belediye@eleskirt.bel.tr

[3] Environmental & Social Framework for IPF Operations

Phone number: 0472 711 20 84
Official letter: Karşıyaka Mh. Cumhuriyet Cd. Pk:04600 ELEŞKİRT/ AĞRI

Presidential Communication Center:

Presidential Communication Center (CİMER) provides a central complaint system for Turkish citizens, legal entities and foreigners. CİMER will be offered to Project stakeholders as an alternative and well-known channel to convey their complaints and feedback regarding the Project directly to government authorities.

Website: www.cimer.gov.tr
Call Center: 150
Phone number: +90 312 525 55 55
Fax number: +90 0312 473 64 94

Foreigners Contact Center:

Foreigners Communication Center: Foreigners Communication Center (YİMER) offers a central complaint system for foreigners. YİMER will be offered to foreign stakeholders of the Project as an alternative and well-known channel to convey their complaints and feedback regarding the Project directly to government authorities.

Web site: www.yimer.gov.tr
Call Center: 157
Phone number: +90 312 5157 11 22
Fax number: +90 0312 920 06 09

ILBANK:

In addition, if complainants do not find the feedback they receive from the municipality sufficient, they can forward their complaints to ILBANK as a higher authority, using the communication tools below.

Website: https://www.ilbank.gov.tr/form/bilgiedinmeuluslararasi
E-mail: bilguidb@ibank.gov.tr andetikuidb@ilbank.gov.tr
Phone number: +90 312 508 79 79

Official letter: ILBANK International Relations Unit, GM Team (letters should be marked as personal or confidential) Kızılırmak Mahallesi Ufuk Üniversitesi Caddesi No:12 Çukurambar / Çankaya / Ankara

WORLD BANK:

Complainants, project-affected communities and individuals may submit their complaints using the following communication tools to the Bank's independent Inspection Panel, which determines whether harm has occurred or may have occurred as a result of the Bank's failure to comply with its policies and procedures.

Website: https://www.inspectionpanel.org/how-to-file-complaint
E-mail: ipanel@worldbank.org
Phone number: +1 202 458 5200
Official letter: Control Panel, Mail Stop MC10-1007, 1818 H Street, NW, Washington, DC 20433, USA

In addition to the municipality's communication tools, the following communication channels can also be used to submit complaints.

- Complaint boxes at construction sites (mainly for internal complaints) and the muhtar's offices of the relevant neighborhoods and/or designated locations for complaint boxes,
- Direct contact with construction site managers,
- Meetings and/or formal/informal consultations

In addition, a Grievance Redressal Mechanism will operate for employees, and all project employees will be notified through written and verbal communication. Each employee will be informed about the grievance redressal mechanism when hired and details of how the mechanism works will be specified. Requests requiring urgent solution and/or support will be responded to and support will be provided on the same day. Grievance Mechanism Flow Chart is given Table 17.

Table 17. Grievance Mechanism Flow Chart

Period	Action
Business Induction Letter	Before the project activity begins, the residents of the neighborhood will be informed that the work will start with a Start of Work Information Letter (See ANNEX-8). This letter will include the contact information of a person authorized by the municipality.
Submission of Complaint	The subject of the complaint is communicated by the complainant through any communication channel.
Complaint Registration	Complaints will be recorded with the Grievance Form (See ANNEX-7). All complaints will be recorded within two (2) days and feedback will be given to the complainant. If the complainant requests that this complaint be handled anonymously, this complaint will be recorded anonymously and the request will be accommodated. The action taken regarding the issue will be published on the Municipality's website if the anonymous person's communication channel is not available.
Evaluation of Complaints	Complaints will be evaluated within 10 business days and it will be determined whether the complaint meets the acceptability criteria. If the complaint is not valid, the necessary explanation will be made to the complainant.
Responding to Complaints	The complaint will be evaluated. If necessary, the complaint will be examined on-site. Depending on the type of complaint, representatives of the affected community will be interviewed. The actions taken to resolve the complaint and the results will be communicated to the petitioner. If the issue underlying the complaint is not resolved, the complainant will have the right to apply to the Court of First Instance and/or ILBANK, depending on the content of the complaint.
Complaint Closing	Unless an alternative agreement is made regarding the closing time of the complainant's complaint, relevant actions will be taken and documented within fifteen (15) business days from the date of application. Then, the complaint will be closed with the complaint closing form (See Annex-9). Recorded complaints and their responses will be shared on the Municipality's website. Thus, all complainants, including anonymous complainants, will be informed about their complaints and their consequences.
In Case the Complaint Cannot Be Resolved	The project complaint mechanism is monitored by ILBANK. Complaints will be evaluated by the Municipality and ILBANK will be informed. The actions taken to resolve the complaint will be communicated to the complainant by the Municipality. ILBANK will monitor the Municipality to ensure that the complaint mechanism operates smoothly. If the complaint is not resolved, the complainant can apply to the Civil Court of First Instance or ILBANK.

Reporting	The responsible department will ensure that all processes are carried out in accordance with the Complaint Process. A Consultation form will be prepared to record the questions and/or concerns of stakeholders during the process (See ANNEX-10). Complaints will be monitored and reported at regular intervals so that they can be analyzed regarding their type, frequency and how the complaints are resolved.

The Grievance Form, Starting Work Information Letter, Grievance Close Out Form and Consultation Form prepared within the scope of the Grievance Mechanism are attached (See ANNEX-7, ANNEX-8, ANNEX-9, ANNEX-10).

7. Public Consultation Meeting

According to the ESMF prepared within the scope of SCP-II AF, a Public Consultation Meeting was held on 04.11.2024 for Category B subprojects in order to inform the local people after the ESMP was finalized. The meeting was announced on the Eleşkirt Municipality website 11 days ago, advertisements were given in local and national newspapers, and the public was invited to the meeting via mass SMS. Details of the meeting and the prepared Minutes of Public Consultation Meeting Minutes are provided in ANNEX 13.

8. Attachments

Annex-1 Parcel Area Coordinates
Annex-2 Location Map
Annex-3 Allocation Letter
Annex-4 Project Area Photos
Annex-5 Dust Emission Mass Flow Calculation
Annex-6 Noise Calculation
Annex-7 Grievance Form
Annex-8 Information Letter on Starting Work
Annex-9 Grievance Close Out Form
Annex-10 Consultation Form
Annex-11 Connection Agreement
Annex-12 Land Titles
Annex-13 Minutes of Public Consultation Meeting

ANNEX 1

PARCEL AREA COORDINATES

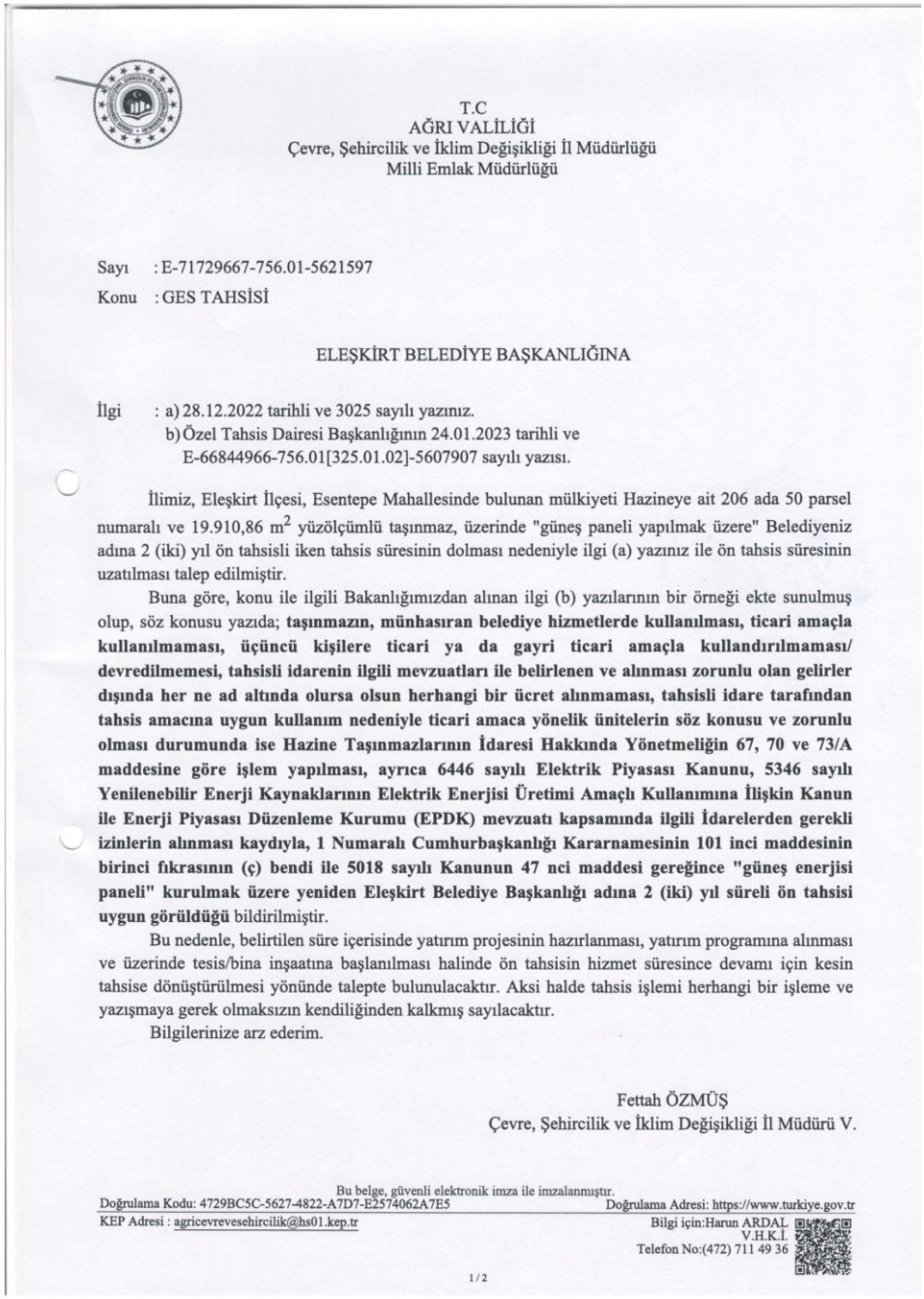
AREA NAME	CORNER COORDİNATES	Coordinates Order : Right, Up Datum : ED-50 Type : UTM D.O.M. : 45 Zon : 38 Scale Factor : 6 degrees	
	Number	Y	X
Project Area	1	300532,799	4407142,320
	2	300532,799	4407142,320
	3	300524,524	4407153,644
	4	300524,524	4407153,644
	5	300533,377	4407164,521
	6	300560,801	4407230,454
	7	300569,942	4407252,432
	8	300518,851	4407264,870
	9	300484,598	4407265,762
	10	300450,344	4407266,654
	11	300356,436	4407280,209
	12	300356,147	4407269,109
	13	300355,858	4407258,008
	14	300363,843	4407235,584
	15	300354,412	4407202,506

ANNEX-2

LOCATION MAP

ANNEX-3

ALLOCATION LETTER



T.C
AĞRI VALİLİĞİ
Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü
Milli Emlak Müdürlüğü

Sayı : E-71729667-756.01-5621597
Konu : GES TAHSİSİ

ELEŞKİRT BELEDİYE BAŞKANLIĞINA

İlgi : a) 28.12.2022 tarihli ve 3025 sayılı yazınız.
b) Özel Tahsis Dairesi Başkanlığının 24.01.2023 tarihli ve E-66844966-756.01[325.01.02]-5607907 sayılı yazısı.

İlimiz, Eleşkirt İlçesi, Esentepe Mahallesinde bulunan mülkiyeti Hazineye ait 206 ada 50 parsel numaralı ve 19.910,86 m^2 yüzölçümlü taşınmaz, üzerinde "güneş paneli yapılmak üzere" Belediyeniz adına 2 (iki) yıl ön tahsisli iken tahsis süresinin dolması nedeniyle ilgi (a) yazınız ile ön tahsis süresinin uzatılması talep edilmiştir.

Buna göre, konu ile ilgili Bakanlığımızdan alınan ilgi (b) yazılarının bir örneği ekte sunulmuş olup, söz konusu yazıda; **taşınmazın, münhasıran belediye hizmetlerde kullanılması, ticari amaçla kullanılmaması, üçüncü kişilere ticari ya da gayri ticari amaçla kullandırılmaması/ devredilmemesi, tahsisli idarenin ilgili mevzuatları ile belirlenen ve alınması zorunlu olan gelirler dışında her ne ad altında olursa olsun herhangi bir ücret alınmaması, tahsisli idare tarafından tahsis amacına uygun kullanım nedeniyle ticari amaca yönelik ünitelerin söz konusu ve zorunlu olması durumunda ise Hazine Taşınmazlarının İdaresi Hakkında Yönetmeliğin 67, 70 ve 73/A maddesine göre işlem yapılması, ayrıca 6446 sayılı Elektrik Piyasası Kanunu, 5346 sayılı Yenilenebilir Enerji Kaynaklarının Elektrik Enerjisi Üretimi Amaçlı Kullanımına İlişkin Kanun ile Enerji Piyasası Düzenleme Kurumu (EPDK) mevzuatı kapsamında ilgili İdarelerden gerekli izinlerin alınması kaydıyla, 1 Numaralı Cumhurbaşkanlığı Kararnamesinin 101 inci maddesinin birinci fıkrasının (ç) bendi ile 5018 sayılı Kanunun 47 nci maddesi gereğince "güneş enerjisi paneli" kurulmak üzere yeniden Eleşkirt Belediye Başkanlığı adına 2 (iki) yıl süreli ön tahsisi uygun görüldüğü** bildirilmiştir.

Bu nedenle, belirtilen süre içerisinde yatırım projesinin hazırlanması, yatırım programına alınması ve üzerinde tesis/bina inşaatına başlanılması halinde ön tahsisin hizmet süresince devamı için kesin tahsise dönüştürülmesi yönünde talepte bulunulacaktır. Aksi halde tahsis işlemi herhangi bir işleme ve yazışmaya gerek olmaksızın kendiliğinden kalkmış sayılacaktır.

Bilgilerinize arz ederim.

Fettah ÖZMÜŞ
Çevre, Şehircilik ve İklim Değişikliği İl Müdürü V.

Bu belge, güvenli elektronik imza ile imzalanmıştır.
Doğrulama Kodu: 4729BC5C-5627-4822-A7D7-E2574062A7E5 Doğrulama Adresi: https://www.turkiye.gov.tr
KEP Adresi : agricevresehircilik@hs01.kep.tr
Bilgi için:Harun ARDAL V.H.K.İ.
Telefon No:(472) 711 49 36

1/2

ANNEX-4

PROJECT AREA PHOTOS

ANNEX-5

DUST EMISSION MASS FLOW CALCULATION

Mass Flow Calculations Emission Factors (SKHKKY)

PROCESS	EMISSION FACTOR	
	Uncontrolled	controlled
Disassembly of Materials	0,025 kg/ton	0,0125 kg/ton
Storage	5,8 kg/ha.day	2,9 kg/ha.day

The excavation and ground preparation works of the planned project are expected to be completed within 30 days. In the calculations, the excavation density was taken as 1,7 tons/m³ and all calculations are given below:

Dismantling Excavation Materials and Loading them into Vehicles

Material Dismantling

Within the scope of the project, a total of 4,000 m^3 of materials will be dismantled in the project area. The mass flow rate of the emission that will occur is calculated using the controlled and uncontrolled emission factor and is given below.

Controlled

Dust Emission **(E_1)** = [4,000 m^3 x 1.7 tons/m^3 x 0.0125 kg/ton] / [30 day x (12 h/day)]

= **0,24 kg/hour**

Uncontrolled

Dust Emission **(E_1)** = [4,000 m^3 x 1.7 tons/m^3 x 0.025 kg/ton] / [30 day x (12h/day)]

= **0,48 kg/hour**

Storage of material

The resulting excavation waste will be temporarily stored where the excavation is carried out and will later be used as filling material. In this context, it is planned to store 4,000 m^3 of materials at approximately 3 m elevations. Calculations for controlled and uncontrolled dust emissions that will occur in these processes are given below:

Excavation storage area = 4.000 m^3/3 m = 1,333.33 m^2 **= 0.13 ha**

Controlled

Dust Emission **(E_2)** = 0.13 ha x 2.9 kg/ ha.day x (1 day/24 hours)
= 0.02 kg/hour

Uncontrolled

Dust Emission **(E_2)** = 0.13 ha x 5.8 kg/ ha.day x (1 day/24 hours)
= 0.04 kg/ hour

Total Emission (Controlled); **= E_1 + E_2**
= 0.24 +0.02
= 0,26 kg/hour

Total Emission (Uncontrolled); **= E_1 + E_2**
= 0.48 + 0.04
= 0.52 kg/ hour

The dust emission that will occur if the dismantling, loading, unloading, transportation and storage of the excavation are carried out simultaneously within the scope of the land preparation and construction works of the project has been calculated.

Since the dust emission value calculated in the controlled situation was 0.26 kg/hour, air quality modeling was not needed within the scope of the construction phase of the project

ANNEX-6

NOISE CALCULATION

The total sound pressure level that will occur under the most adverse conditions, assuming that the machinery and equipment to be used during the construction works are working at the same time and in distant locations and dispersedly;

It is calculated using the formula $L_{pt} = 10 \text{ Log } ( ).\sum_{i=1}^{n} 10^{Lpi/10}$

L_{pt} = Total sound pressure level
L_{pi} = Sound pressure level resulting from each work machine

Lpi) created by each work machine at a distance r from each source is calculated by the formula below.

$L_{pi} = L_{wi} + 10 \log (Q/A)$
$A = 4\pi r^2$
Q = Directivity coefficient (Hemispherical distribution of the sound source at ground level, Q = 2)
r = Distance from source (m)
L_{wi} = Sound power level (dB) of each work machine

The decrease in sound due to the effect of the atmosphere (Aatm) depends on the frequency of the source and the distance from the source. The average frequency range for construction equipment and road vehicles is accepted as 3,000-3,500 Hertz. The decrease in the average sound pressure level due to atmospheric retouching is calculated by the formula below.

atm _ = 7.4 x 10-8 x f2 xr / ϕ
atm _ = Decrease in sound pressure level (dBA) with atmospheric retouching
f = Frequency of transmitted sound (3.500)
r = Distance from source (m)
ϕ = Relative humidity of air (59.8%)

The calculation of the total noise level is found by subtracting the atmospheric effect from the total sound pressure level.

$L = L_{pt} - A_{atm}$

In case noise sources operate simultaneously, equivalent noise levels according to distances are calculated using the formula given below. Equivalent noise level distribution is given in table.

Equivalent Noisy of your level To the distances According to Distribution

Distance (m)	25	50	one hundred	200	300	500	750	one thousand
L_{spouse}	38.6	37.5	36.3	34.8	-	-	-	-

ANNEX-7

GRIEVANCE FORM

ELEŞKİRT BELEDİYESİ	**ELEŞKİRT MUNICIPALITY** **SOLAR POWER PLANT PROJECT**
	GRIEVANCE FORM

Person Filling Out the Form:	Date and time:
Meeting Agenda:	Reference No: Eleşkirt Municipality-Project Code- 0001-2..
1. INFORMATION ABOUT THE COMPLAINANT	
Name surname:	**How the Complaint Arrives:**
TC Identification number:	Telephone / Toll Free Line ☐
Telephone:	Face to Face Meeting ☐
Address:	Website / Email ☐
Email:	Other (Explain) ☐

Stakeholder Type				
State agency ☐	PEB ☐	State agency ☐	PEB ☐	State agency ☐
Interest Groups ☐	Industrial Unions ☐	Interest Groups ☐	Industrial Unions ☐	Interest Groups ☐

2. DETAILED INFORMATION ABOUT THE COMPLAINT	
Description of the complaint:	

Solution method requested by the complainant	

Registrant Name Surname/Signature

Complainant Name Surname/Signature

ANNEX-8

INFORMATION LETTER ON STARTING WORK

Dear Esentepe Neighborhood Residents,

Some roads in your neighborhood will be affected during the "Opening of Electricity Transmission Lines" work within the scope of the Solar Power Plant project planned by Eleşkirt Municipality.

According to the approved work program, the work in your neighborhood will start **soon** . First of all, we would like to apologize in advance for any inconvenience we may cause to those around us during the work.

Temporary Traffic Circulation Plans approved by Ağrı Metropolitan Municipality Transportation Department will be notified to your neighborhood headman's office and transportation will be provided through the route determined by direction signs during the period the works continue.

We would like to inform you that we will do our best to cause you minimum inconvenience by completing the construction works as soon as possible in every street where excavation has started during our work.

In addition, the phone numbers of the authorities who can be called in case of any issue or disruption during the works are listed below. We would like to thank you in advance for your support and patience and tolerance to create a cleaner and more beautiful environment.

Regards,

Contact Persons:

Name Surname Phone.

ANNEX-9

GRIEVANCE CLOSE OUT FORM

ELEŞKİRT BELEDİYESİ	ELEŞKİRT MUNICIPALITY **SOLAR POWER PLANT PROJECT**
	GRIEVANCE CLOSE OUT FORM

Reference No: Eleşkirt Municipality- Project Code-0001-2..

1. DETERMINING CORRECTIVE ACTION	
1	
2	
3	
4	
5	
Responsible Departments	
2. TERMINATION OF THE COMPLAINT	
This section will be filled and signed by the complainant if the complaint specified in the "Complaint Registration Form" is resolved.	

Complaint Closing Date: ...../……/……..	**Name and Surname / Signature of the Person Who Closed the Complaint: Name and Surname / Signature of the Complainant:**

ANNEX-10

CONSULTATION FORM

ELEŞKİRT BELEDİYESİ	**ELEŞKİRT MUNICIPALITY** **SOLAR POWER PLANT PROJECT**
	CONSULTATION FORM

Person Filling Out the Form:	Date and time:
Meeting Agenda:	Interview Registration Number: Eleşkirt Municipality / Project Code-0001-2..
1. INTERVIEW INFORMATION	
Interviewed Institution:	Form of Communication
Name and Surname of the Interviewee:	Telephone / Toll Free Line ☐
Telephone:	Face to Face Meeting ☐
Address:	Website / Email ☐
Email:	Other (Explain) ☐

Stakeholder Type				
State agency ☐	PEB ☐	State agency ☐	PEB ☐	State agency ☐
Interest Groups ☐	Industrial Unions ☐	Interest Groups ☐	Industrial Unions ☐	Interest Groups ☐

2. INTERVIEW DETAILS	
Questions about the project:	

Concerns/feedback regarding the project:	
Responses to the views expressed above:	

ANNEX-11

CONNECTION AGREEMENT

LİSANSSIZ ELEKTRİK ÜRETİCİLERİ İÇİN DAĞITIM SİSTEMİNE BAĞLANTI ANLAŞMASI

Üretici No: 2021/66
Tarih: 21/10/2021 Sayısı: 03 06 02 02 0000344

Bu Anlaşma; isim veya unvanı ile kanuni ikametgah adresi aşağıda belirtilen Üreticiye ait Elektrik Piyasasında Lisanssız Elektrik Üretimine ilişkin Yönetmelik kapsamında kurulmuş üretim tesisinin 4628 sayılı Elektrik Piyasası Kanunu (Kanun) ve 5346 sayılı Yenilenebilir Enerji Kaynaklarının Elektrik Enerjisi Üretimi Amaçlı Kullanımına İlişkin Kanun (YEK Kanunu) ile bu kanunlar uyarınca çıkarılmış ikincil mevzuat uyarınca dağıtım sistemine bağlanması için gerekli hüküm ve şartları içermektedir.

Taraflar	**Dağıtım Şirketi:** ARAS Elektrik Dağıtım A.Ş.	**Üretici:** ELEŞKİRT BELEDİYE BAŞKANLIĞI
Kanuni Adresleri	Şükrüpaşa Mah. TEK Lojmanları Sok. No:57 25050 Yakutiye / ERZURUM	Karşıyaka Mahallesi Cumhuriyet Caddesi ELEŞKİRT / AĞRI
Temsile Yetkili Kişiler	**Murat Alper GÜL** ARAS EDAŞ Sistem İşletme Koordinatörü **Yusuf Yaşar BABUR** ARAS EDAŞ Genel Müdür Yardımcısı	ABDURRAHMAN ASLAN BELEDİYE BAŞKAN VEKİLİ

Bu anlaşma, genel hükümleri içeren Birinci Bölümü ve özel hükümleri ve ekleri içeren İkinci Bölümü ile birlikte ayrılmaz bir bütündür.21 sayfadan ibarettir.İki asıl olarak düzenlenmiştir.

ANNEX-12

LAND TITLES

BU BELGE TOPLAM 4 SAYFADAN OLUŞMAKTADIR BİLGİ AMAÇLIDIR.

Tarih: 13-3-2024-14:02

webtapu
tapunun kısayolu

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz	Ada/Parsel:	206/125
Taşınmaz Kimlik No:	101606712	AT Yüzölçüm(m2):	25679.70
İl/İlçe:	AĞRI/ELEŞKİRT	Bağımsız Bölüm Nitelik:	
Kurum Adı:	Eleşkirt	Bağımsız Bölüm Brüt YüzÖlçümü:	
Mahalle/Köy Adı:	ESENTEPE Mah.	Bağımsız Bölüm Net YüzÖlçümü:	
Mevkii:	TABYA	Blok/Kat/Giriş/BBNo:	
Cilt/Sayfa No:	9/878	Arsa Pay/Payda:	
Kayıt Durum:	Aktif	Ana Taşınmaz Nitelik:	TARLA

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~Eleşkirt - 20-03-2017 10:17 - 357~~	~~Eleşkirt - 06-08-2018 10:49 - 1305~~

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
444899901	(SN:55995676) CEMAL KALABAŞ : HALİT Oğlu KN:15064437730	-	12/18	17119.80	25679.70	İfraz İşlemi (TSM) 03-09-2003 700	Satış 27.05.2011 833
444899902	(SN:90095609) ZİYATTİN TEKİN : YUSUF ZİYA Oğlu KN:23239165876	-	2/3	17119.80	25679.70	Satış 27-05-2011 833	Satış 24.09.2013 827
444899903	(SN:91887896) MUHSİN GÜZEL : AHMET Oğlu KN:17431360498	-	2/3	17119.80	25679.70	Satış 24-09-2013 827	Satış 14.08.2015 985
444899898	(SN:56014234) NEBAHAT KALABAŞ : KEMAL Kızı KN:23719149488	-	3/18	4279.95	25679.70	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444899899	(SN:56014235) MELAHAT KALABAŞ : KEMAL Kızı KN:13915476006	-	3/18	4279.95	25679.70	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444899900	(SN:167306804) KİBAR KALABAŞ : SAİT Kızı KN:14899443282	-	2/3	17119.80	25679.70	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin	Satış 06.01.2023 74

						~~Tescili 06-08-2018 1305~~	
722688471	(SN:187897762) BERAT KALABAŞ : CEMAL Oğlu KN:14842445158	-	2/3	17119.80	25679.70	Satış 06-01-2023 74	-

MÜLKİYETE AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Kısıtlı Malik (Hisse) Ad Soyad	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Serh~~	~~CEMAL KALABAŞ HİSSESİ HACİZLİDİR~~	~~CEMAL KALABAŞ~~		~~Eleşkirt - 27-02-2003 00:00 - 99~~	~~Eleşkirt - 27-05-2011 13:25 - 830~~
~~Serh~~	~~İcrai Haciz : 4. İCRA MÜDÜRLÜĞÜNE KAYSERİ nin 14/07/2010 tarih 2010/65 ESAS sayılı Haciz Yazısı sayılı yazıları ile. Borç : 0 TL . (Alacaklı : SOSYAL GÜVENLİK KURUMU)~~	~~CEMAL KALABAŞ~~		~~Eleşkirt - 19-07-2010 13:20 - 886~~	~~Eleşkirt - 18-04-2011 14:46 - 609~~

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **w-Vx0Og_zZ** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz
Taşınmaz Kimlik No:	101606792
İl/İlçe:	AĞRI/ELEŞKİRT
Kurum Adı:	Eleşkirt
Mahalle/Köy Adı:	ESENTEPE Mah.
Mevkii:	TABYA SIRTI
Cilt/Sayfa No:	8/694
Kayıt Durum:	Aktif

Ada/Parsel:	206/21
AT Yüzölçüm(m2):	135082.43
Bağımsız Bölüm Nitelik:	
Bağımsız Bölüm Brüt YüzÖlçümü:	
Bağımsız Bölüm Net YüzÖlçümü:	
Blok/Kat/Giriş/BBNo:	
Arsa Pay/Payda:	
Ana Taşınmaz Nitelik:	ORMAN

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~Eleşkirt - 20-03-2017 10:17 - 357~~	~~Eleşkirt - 06-08-2018 10:49 - 1305~~

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
444900446	(SN:47) MALİYE HAZİNESİ VKN:6110312806	-	1/1	135082.43	135082.43	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **2LPBpXMUq9** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz
Taşınmaz Kimlik No:	101606801
İl/İlçe:	AĞRI/ELEŞKİRT
Kurum Adı:	Eleşkirt
Mahalle/Köy Adı:	ESENTEPE Mah.
Mevkii:	TABYA SIRTI
Cilt/Sayfa No:	8/706
Kayıt Durum:	Aktif

Ada/Parsel:	206/33
AT Yüzölçüm(m2):	7556.60
Bağımsız Bölüm Nitelik:	
Bağımsız Bölüm Brüt YüzÖlçümü:	
Bağımsız Bölüm Net YüzÖlçümü:	
Blok/Kat/Giriş/BBNo:	
Arsa Pay/Payda:	
Ana Taşınmaz Nitelik:	TARLA

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
Beyan	CEMAL BİRDAL İŞGALİNDEDİR(Şablon: Diğer)			
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~Eleşkirt - 20-03-2017 10:17 - 357~~	~~Eleşkirt - 06-08-2018 10:49 - 1305~~

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
444900544	(SN:47) MALİYE HAZİNESİ VKN:6110312806	-	1/1	7556.60	7556.60	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **KbhmVdyk_P** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz
Taşınmaz Kimlik No:	101606803
İl/İlçe:	AĞRI/ELEŞKİRT
Kurum Adı:	Eleşkirt
Mahalle/Köy Adı:	ESENTEPE Mah.
Mevkii:	TABYA
Cilt/Sayfa No:	8/708
Kayıt Durum:	Aktif

Ada/Parsel:	206/35
AT Yüzölçüm(m2):	38815.12
Bağımsız Bölüm Nitelik:	
Bağımsız Bölüm Brüt YüzÖlçümü:	
Bağımsız Bölüm Net YüzÖlçümü:	
Blok/Kat/Giriş/BBNo:	
Arsa Pay/Payda:	
Ana Taşınmaz Nitelik:	TARLA

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~Eleşkirt - 20-03-2017 10:17 - 357~~	~~Eleşkirt - 06-08-2018 10:49 - 1305~~
Irtifak	İrtifak hakkı vardır. (Özel Koşullar : TEİAŞ GENEL MÜDÜRLÜĞÜ ADINA	(SN:9460)	Eleşkirt -	

	545,49 M2 LİK KISMINDA İRTİFAK HAKKI TESİS EDİLMİŞTİR)(Şablon: Diğer İrtifak Hakkı)	TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314	16-08-2011 13:43 - 1169	
~~Serh~~	~~TEİAŞ IN 2942 SAYILI KANUNUN 31/B MADDESİ GÖRE KAMULAŞTIRILMIŞTIR(Şablon: 2942 Sayılı Kamulaştırma Kanununun 31/b Maddesine göre Şerh (HİSSE))~~	~~(SN:9460) TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314~~	~~Eleşkirt - 01-08-2005 00:00 - 379~~	

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~444900579~~	~~(SN:56013100) CEMAL BAKAN : YUSUF Oğlu KN:14638452070~~	~~-~~	~~1/1~~	~~38815.12~~	~~38815.12~~	~~Tesis Kadastrosu 25-02-1992 0~~	~~Satış 23.08.2011 1199~~
444900578	(SN:90770358) SİNAN ASLAN : HALİT Oğlu KN:19543289438	-	1/1	38815.12	38815.12	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-

MÜLKİYETE AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Kısıtlı Malik (Hisse) Ad Soyad	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye

İrtifak	İrtifak hakkı vardır. (Özel Koşullar : TEİAŞ GENEL MÜDÜRLÜĞÜ ADINA 545,49 M2 LİK KISMINDA İRTİFAK HAKKI TESİS EDİLMİŞTİR.)	CEMAL BAKAN	(SN:9460) TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314	Eleşkirt - 16-08-2011 13:43 - 1169	Eleşkirt - 16-08-2011 13:43 - 1169

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **g7Y3kMUWGX** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz
Taşınmaz Kimlik No:	101606826
İl/İlçe:	AĞRI/ELEŞKİRT
Kurum Adı:	Eleşkirt
Mahalle/Köy Adı:	ESENTEPE Mah.
Mevkii:	TABYA ARKASI
Cilt/Sayfa No:	8/725
Kayıt Durum:	Aktif

Ada/Parsel:	206/52
AT Yüzölçüm(m2):	12051.26
Bağımsız Bölüm Nitelik:	
Bağımsız Bölüm Brüt YüzÖlçümü:	
Bağımsız Bölüm Net YüzÖlçümü:	
Blok/Kat/Giriş/BBNo:	
Arsa Pay/Payda:	
Ana Taşınmaz Nitelik:	TARLA

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Serh~~	~~İhtiyati Tedbir: ERZURUM 1. AİLE MAHKEMESİ nin 08/03/2022 tarih 2022/67 ESAS sayılı Mahkeme Müzekkeresi sayılı yazıları ile (Açıklama: Mal Rejiminden Kaynaklanan Davalar (Kaltılma Alacağı) nedeniyle) (Şablon: İhtiyati Tedbir)~~		~~Eleşkirt - 09-03-2022 12:19 - 1563~~	~~Eleşkirt - 05-10-2023 11:30 - 6132~~
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına~~		~~Eleşkirt -~~	~~Eleşkirt -~~

	~~tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~20-03-2017 10:17 - 357~~	~~06-08-2018 10:49 - 1305~~
Irtifak	TEİAŞ GENEL MÜDÜRLÜĞÜ LEHİNE 4116.47 METREKARELİK KSIMDA İRTİFAK HAKKI VARDIR(Şablon: Diğer İrtifak Hakkı)	(SN:9460) TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314	Eleşkirt - 28-03-2006 00:00 - 130	

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~444900697~~	~~(SN:56013706) HACI DEMİRCAN : REŞİT Oğlu KN:13303496470~~	~~-~~	~~1/1~~	~~12051.26~~	~~12051.26~~	~~Hükmen Tescil 21-12-1993 478~~	~~İntikal 20.10.2011 1377~~
444900690	(SN:111333444) NESRİN DEMİRCAN : HACI Kızı KN:13288496922	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444900691	(SN:97313158) NESİM DEMİRCAN : HACI Oğlu KN:13285497076	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444900692	(SN:111333526) HAKAN DEMİRCAN : HACI Oğlu KN:13282497130	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md.	-

						Gereğince Yenilemenin Tescili 06-08-2018 1305	
444900693	(SN:111333537) HAMİYET KARATAŞ : HACI Kızı KN:26788047136	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444900694	(SN:111333553) SONGÜL DEMİRCAN : HACI Kızı KN:13279497204	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444900695	(SN:111333577) İHSAN DEMİRCAN : HACI Oğlu KN:13273497422	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-
444900696	(SN:111333591) BAHADIR DEMİRCAN : HACI Oğlu KN:13264497714	14844832	1/7	1721.61	12051.26	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **o9ULvXRkmI** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

Kaydı Oluşturan: Mihriban Altun Gökçe (Eleşkirt Belediye Başkanlığı)

Tapu Kaydı (Hepsi)

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz
Taşınmaz Kimlik No:	101606703
İl/İlçe:	AĞRI/ELEŞKİRT
Kurum Adı:	Eleşkirt
Mahalle/Köy Adı:	ESENTEPE Mah.
Mevkii:	TABYA SIRTI
Cilt/Sayfa No:	8/789
Kayıt Durum:	Aktif

Ada/Parsel:	206/116
AT Yüzölçüm(m2):	57711.23
Bağımsız Bölüm Nitelik:	
Bağımsız Bölüm Brüt YüzÖlçümü:	
Bağımsız Bölüm Net YüzÖlçümü:	
Blok/Kat/Giriş/BBNo:	
Arsa Pay/Payda:	
Ana Taşınmaz Nitelik:	HAM TOPRAK

TAŞINMAZA AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
~~Beyan~~	~~3402 Sayılı Kanunun 22. maddesinin 2. fıkrasının (a) bendi uygulamasına tabidir.(Şablon: 3402 Sayılı Kadastro Kanunun 22. Md. Fıkrasının (a) Bendi Gereği Belirtme.)~~		~~Eleşkirt - 20-03-2017 10:17 - 357~~	~~Eleşkirt - 06-08-2018 10:49 - 1305~~
Beyan	2942 Sayılı Kamulaştırma Kanununun 7. maddesine göre belirtme.	(SN:249216)	Eleşkirt -	

	(Şablon: 2942 Sayılı Kamulaştırma Kanununun 7. Maddesine Göre Belirtme)	PETROL İŞLERİ GENEL MÜDÜRLÜĞÜ VKN:	04-11-2015 13:53 - 1310	
Serh	TEİAŞ IN 2942 SAYILI KANUNUN 31/B MADDESİ GÖRE KAMULAŞTIRILMIŞTIR(Şablon: 2942 Sayılı Kamulaştırma Kanununun 31/b Maddesine göre Şerh (HİSSE))	(SN:9460) TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314	Eleşkirt - 01-08-2005 00:00 - 379	

MÜLKİYET BİLGİLERİ

(Hisse) Sistem No	Malik	El Birliği No	Hisse Pay/ Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
444899863	(SN:47) MALİYE HAZİNESİ VKN:6110312806	-	1/1	57711.23	57711.23	3402 S.Y.nın 22/A Md. Gereğince Yenilemenin Tescili 06-08-2018 1305	-

MÜLKİYETE AİT ŞERH BEYAN İRTİFAK BİLGİLERİ

Ş/B/İ	Açıklama	Kısıtlı Malik (Hisse) Ad Soyad	Malik/Lehtar	Tesis Kurum Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
Irtifak	TEİAŞ GENEL MÜDÜRLÜĞÜ LEHİNE 10643.80 M2 LİK KISIMDA İRTİFAK HAKKI	MALİYE HAZİNESİ VKN	(SN:9460) TÜRKİYE ELEKTRİK İLETİM A.Ş. (TEİAŞ) VKN:8790304314	Eleşkirt - 11-01-2008 00:00 - 49	

Bu belgeyi akıllı telefonunuzdan karekod tarama programları ile aşağıdaki barkodu taratarak;

veya Web Tapu anasayfasından (**https://webtapu.tkgm.gov.tr** adresinden) **t8VDM2UD--** kodunu Online İşlemler alanına yazarak doğrulayabilirsiniz.

ANNEX 13

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

SUSTAINABLE CITIES PROJECT – II

OF ADDITIONAL FINANCING

ELEŞKİRT MUNICIPALITY

SOLAR POWER PLANT PROJECT

Minutes of Public Consultation Meeting

Meeting Date: 04.11.2024

Meeting Venue: Eleşkirt Municipality Meeting Hall

SÜRDÜRÜLEBİLİR ŞEHİRLER

T.C. ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI

İLBANK

THE WORLD BANK

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

PUBLIC CONSULTATION MEETING

Eleşkirt Municipality SPP Project is among the subprojects within the scope of Sustainable Cities Project-II Additional Financing (SCP-II-EF), which was created to support sustainable development in cities in Turkiye.

The Environmental and Social Management Plan (ESMP) was prepared in accordance with the requirements of the World Bank's Safeguard Policies including Operational Policies (OPs), WBG General EHS Guidelines and Industrial Sector Guidelines, ILBANK's ESMF and the Environmental Legislation of the Republic of Turkiye and the public consultation meeting was held on 04.11.2024 at 14:00 in the Eleşkirt Municipality Meeting Hall.

Posters and brochures were prepared to inform citizens about the meeting and invite them to the public consultation meeting. They were distributed to the public through the mukhtars' offices.. Information was also provided via SMS. In addition, it was announced on the Eleşkirt Municipality's website and on digital billboards located in the municipality building and various parts of the district.

1.1.Meeting Summary

The Eleşkirt Municipality public consultation meeting started with the opening speech of Deputy Mayor Environmental Expert Detailed information was provided by the consultant company representative about the process and content of the reports prepared for the implementation of the sub-project. The benefits that the sub-project will provide to the municipality and the local people were mentioned.

Within the scope of the PID reports, the area where the sub-project will be established (as a neighborhood, block and parcel), project power, equipment to be used and technical specifications, the annual production of the project were mentioned and information was given that the legislative obligations were met.

A total of 30 people attended the meeting, including 11 citizens, 3 mukhtars, and 16 municipality members, 4 of whom were women, 26 of whom were men.

Within the scope of the ESMP; the consultant company environmental expert conveyed the environmental and social risks of the sub-project from the content of the ESMP Report, the works planned to prevent the said risks, the effects of the geographical location of the region where the project will be located and the climate conditions on the project and the analyses made on possible natural disasters. In line with the information provided, the meeting was concluded with questions and answers and lasted approximately 1 hour.

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

1.2. Question and Answer Section

Question 1.	
Name / Occupation	Personel of Eleşkirt Municipality
What percentage of our Municipality's electricity will be covered by the project?	
Answer 1.	
Name / Occupation	Environmental Engineering (CA Engineering)
The project will meet 58.4% of the annual electricity consumption of Eleşkirt Municipality with an annual production of 936 MWH. The municipality will support low-income citizens in paying their bills with the budget allocated for energy.	

Question 2.	
Name / Occupation	Personel of Eleşkirt Municipality
Aren't the panels that are considered waste dangerous for the environment?	
Answer 2.	
Name / Occupation	Environmental Engineering (CA Engineering)
Unless managed correctly, all waste is a serious threat to the ecosystem. In our country, most of the waste panels can be recycled. The hazardous part that cannot be recycled is disposed of in licensed recycling companies. Therefore, as long as it is managed correctly, the burden of waste on the environment will be minimized as much as possible.	

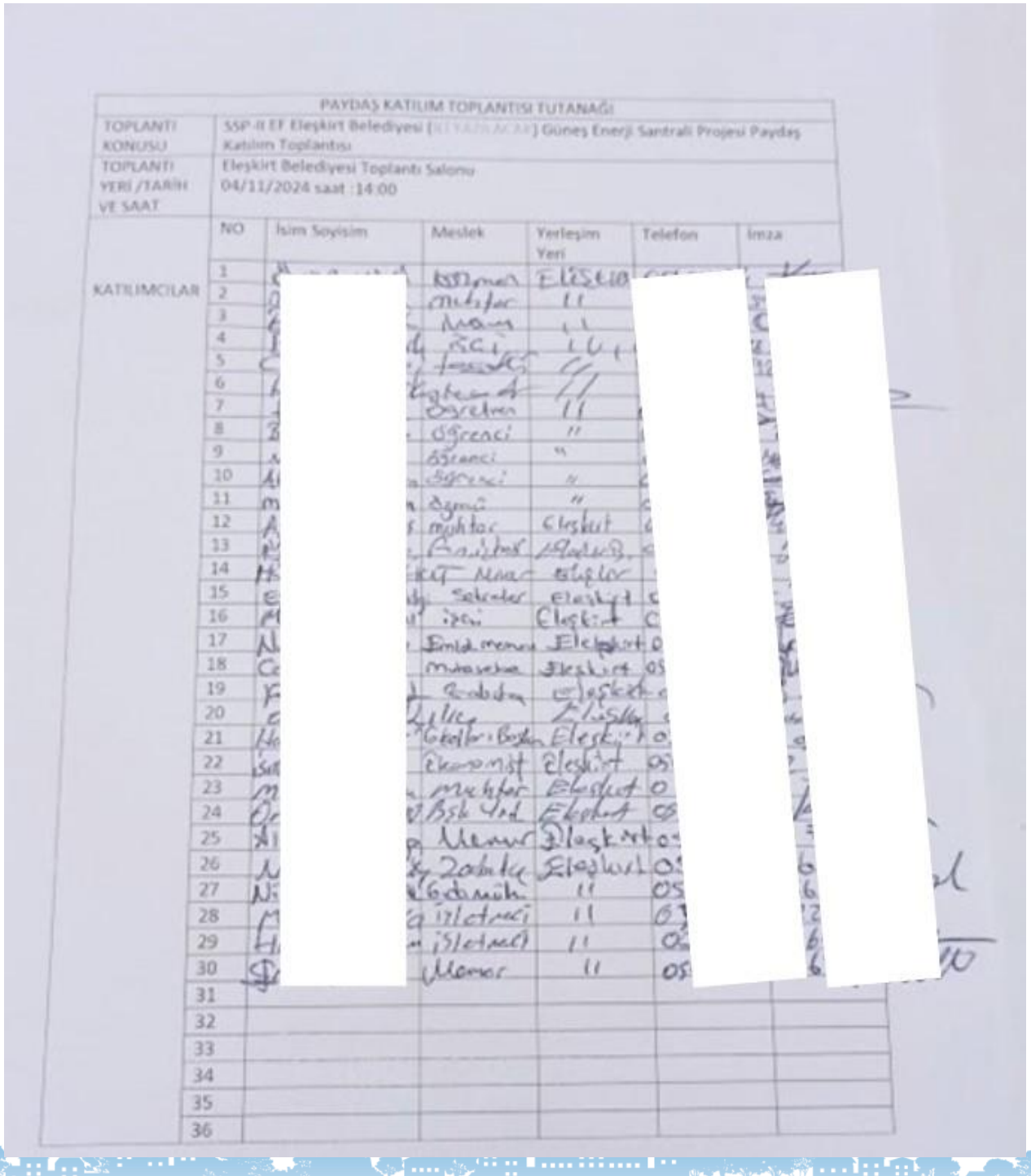
Question 3.	
Name / Occupation	Personel of Eleşkirt Municipality
We live in the eastern region. How will the snow be cleared from the panels in the winter?	
Answer 3.	
Name / Occupation	Environmental Engineering (CA Engineering)
The cleaning of the panels will be done by the personnel/personnel to be employed during the project operation phase at regular intervals. In addition, the panels will have a certain slope. In addition, slope calculations are made based on snow load.	

1.2.Meeting Conclusion

The Public Consultation Meeting lasted approximately 1 hour, with the consultant company officials providing information about the project and Q&A. Information was provided on the environmental, social and economic dimensions of the Eleşkirt Municipality SPP project, as well as the next stage of the project. The meeting was concluded after consultation with the participants' opinions and suggestions.

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

1.3.Participant List



PAYDAŞ KATILIM TOPLANTISI TUTANAĞI

TOPLANTI KONUSU	SSP-II EF Eleşkirt Belediyesi [redacted] Güneş Enerji Santrali Projesi Paydaş Katılım Toplantısı
TOPLANTI YERİ /TARİH VE SAAT	Eleşkirt Belediyesi Toplantı Salonu 04/11/2024 saat :14:00

KATILIMCILAR

NO	İsim Soyisim	Meslek	Yerleşim Yeri	Telefon	İmza
1			Eleşkirt		
2		Müteahhit	"		
3			"		
4			"		
5			"		
6			"		
7		Öğretmen	"		
8		Öğrenci	"		
9		Öğrenci	"		
10		Öğrenci	"		
11		Öğrenci	"		
12		muhtar	Eleşkirt		
13					
14					
15		Sekreter			
16		İşçi			
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27			"		
28			"		
29			"		
30			"		
31					
32					
33					
34					
35					
36					

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

ATTACHMENTS

2.1.Annex-1: Photo of the Public Consultation Meeting (04.11.2024)

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

2.2.Annex-2: Newspaper Advertisement (Newspaper Announcement Date –Ağrı Hakimiyet Newspaper 23.10.2024 /Hürriyet-23.10.2024)

3.

4. 

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

27 Ekim 2024 Çarşamba

2

Günün İçinden

Hakimiyet

DÜNYA BARIŞI İÇİN BİSİKLETİYLE 40 YILDA 80 ÜLKE GEZDİ

Afrika, Avrupa, Asya kıtaları başta olmak üzere mütevazı bisikletiyle 80 ülkeyi gezen İranlı Rahmetullah Azad, çok sevdiği Türkiye'yi bir kez daha dolaştıktan sonra ülkesine doğru pedal çevirdi.

Rahmetullah Azad:"40 yıldır dünyayı geziyorum. 80 ülke için binlerce kilometre pedal çevirdim. 60 yaşındayım ve hastaneye hiç gitmedim"

İran'da yaşayan 60 yaşındaki bisikletli Rahmetullah Azad, dünya barışına dikkati çekmek için 40 yılda 80 ülkeyi gezdi.

İran'ın başkenti Tahran yakınlarında yaşayan Rahmetullah Azad, dünyada yaşanan zulüm, adaletsizlik ve savaşlara dikkati çekmek için genç yaşlarında bisikletle gezmeye karar verdi.

Azad, 40 yıldır pedal çevirerek Afrika, Avrupa ve Asya kıtalarında bugüne kadar 80 ülkeyi gezdi.

Gittiği her yerde barış mesajı veren ve insanlarla bir arayı gelen Azad, son olarak Türkiye turu düzenlemek için yeniden yola çıktı.

Zorlu yolları aşarak gece gündüz demeden Muş, Kayseri, Sivas gibi birçok ili bisikletiyle gezen Azad, Ağrı'da mola verip Türk Kızılay Şubesi'ni ziyaret etti, Taşlıçay ilçesinde vatandaşların misafiri oldu.

Mola verip dinlenen Azad, yağmurlu havaya rağmen yeniden yokuluna başlayıp yokuşlu yollarda zaman zaman "mütevazı" bisikletinden inip yürümek zorunda kalıyor.

Azad, bisikletiyle Doğubayazıt ilçesine varıp burada bir süre dinlendikten sonra ülkesine doğru pedal çevirerek yoluoluğuna devam etti.

"Bugüne kadar 80 ülkeyi gezdim"

Rahmetullah Azad, dünyada adaletsizliklerin olduğunu, acı çeken insanları gördüğünde çok üzüldüğünü ve bu yüzden bisikletiyle ülkeleri gezerek vicdanlı insanlara barış mesajı götürdüğünü söyledi.

Ömrünün yollarda geçtiğini belirten Azad, "Ben bisiklet sporcusuyum. 40 yıldır dünyayı gezerek barış mesajı veriyorum. Bugüne kadar 80 ülkeyi gezdim. Asya, Avrupa, Afrika kıtalarının dahil ülkelere gittim, insanlara barış mesajı veriyorum. Bu sefer de Türkiye'ye geldim, birçok ile gittim ve şimdi de Ağrı'dayım. Buradan da İran'a gideceğim." dedi.

"Allah bu dünyada insanlara çok nimet vermiş ama çok problemler var. İnsanlık, dünyada savaşlar olmaz, sulh olur. Bombalar, roketler ve zulüm pistir." diyen Azad, dünyada sulh olması dileğinde bulundu.

"60 yaşındayım ve hiç hastaneye gitmedim"

Azad, Almanya, Avusturya, İtalya, Yunanistan, Rusya, Hindistan, Tayland ve Kenya gibi ülkeleri de bisiklette gezdiğini anlattı.

Yakalacak 10 yılda bir bisiklet değiştirdiğini aktaran Azad, şunları kaydetti:

"Bende iman ve irade var, Allah beni koruyor.

Türkiye güzel bir ülke, insaniyet ve iman var. Mescide, market ve pazarlara gittiğimde herkes beni çok iyi karşılıyor, çok iyi insanlar. Çok teşekkür ediyorum. Akşamları akaryakıt istasyonları, mezarlar ve yanımda bulunan kamp çadırında uyuyorum. 40 yıldır dünyayı geziyorum. 80 ülke için binlerce kilometre pedal çevirdim. 60 yaşındayım ve hiç hastaneye gitmedim."(AA)

AĞRI'DA KAR YAĞIŞI

Ağrı'nın Taşlıçay ilçesinde ise Aladağlar karla kaplandı.

Ardahan'da kar, şehri beyaza bürüdü.

Kentte gece etkili olan sağanak, sabaha doğru hava sıcaklığının düşmesiyle yerini karla bıraktı.

Araçların üstü ve yeşil alanların beyaza büründüğü kentte, güzel manzaralar oluştu.

Posof ilçesinde de kar etkili oldu. (AA)

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

Hürriyet

23 Ekim 2024 Çarşamba www.hurriyet.com.tr

BIR HAFTA SONRA IKINCI CIKIS

Hürriyet
IMRALI'YA ÖRGÜTÜ DAĞIT ÇAĞRISI

BAHÇELİ'DEN ÖCALAN'A TARİHİ ÇAĞRI

GEL MECLİS'TE İLAN ET

Bahçeli, İmralı'da cezasını çeken terör örgütü PKK'nın elebaşı Abdullah Öcalan'a tarihi bir çağrıda bulundu. "Gelsin Meclis'te konuşsun. Terörün bittiğini ve örgütün lağvedildiğini haykırsın" dedi.

ÇOK NET KONUŞACAĞIM

SİNEYE ÇEKMEYE HAZIRIZ

BU CANİLER GÜN YÜZÜ GÖRMEYECEK

TERÖRÜN OLMADIĞI BİR TÜRKİYE İNŞA EDELİM

İBLİS GİBİ ONURSUZ BİR ÖLÜM

BU FIRSAT KURBAN EDİLMESİN

İMRALI

ÖCALAN UMUT HAKKI İSTEYEBİLİR Mİ

DEM PARTİ'DEN DEVLET BAHÇELİ'YE BİZ HAZIRIZ

DEVLET BEY GELİN HEP BİRLİKTE YAPALIM

HODRİ MEYDAN

ERDOĞAN-PUTİN ZİRVESİ

FETÖ'NÜN MERKEZİ SAKİN

NARİN'İN 4 KATİLİ

MAHKEMEDE BİRİ DAHA İTİRAF EDECEK Mİ

ADIM ADIM YERLERİ BELLİ

UZUN CEVDET PARAYA DA ÇÖKMÜŞ

FETÖ elebaşı Fetullah Gülen'in ölümünün ardından para ve güç kavgasının başladığı örgütün yeni lider adayı Cevdet Türkyılmaz, zimmetine para geçirmekle de suçlanıyor.

TOPLAM 17 KEZ ALIP SATMIŞ

HASTANE SAHİBİ DE BAŞHEKİMLER DE ORTAK

BAKANIMIN HASTANESİNİ KAPATTIM

YENİDOĞAN SKANDALI

BEBEKLERİN ÖLÜMÜNDEN SORUMLULAR

Süper Loto'DAN REKOR
309 MİLYON TL BİR KİŞİYE

SÜRDÜRÜLEBİLİR ŞEHİRLER
T.C. ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
İLBANK TÜRKİYE'NİN YAPICI GÜCÜ
THE WORLD BANK IBRD • IDA | WORLD BANK GROUP

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

Hürriyet

Gündem

Çarşamba 13

İnsanlık nereye?

ÇERÇEVE
Fuat BOL

Sadece hastaneler değil, ÇEK yuvaları da 'ellendi'

CETENİN ELİ SİYASETİN İÇİNDE

YETER SÖZ MİLLETİN
Yalçın BAYER

YAPAY ZEKÂYLA KADIN İLİŞKİSİ SORUNLU MU

KADEM tarafından düzenlenecek Uluslararası Kadın ve Adalet Zirvesi'nde yapay zekâ aracılığıyla kadınlar için daha adil bir dünya inşa etmenin yolları aranacak. Zirveyle ilgili konuşan Süreyye Erdoğan Bayraktar, "Yapay zekâ işe alımlarda kadını eliyor" dedi.

HAYIRSEVER GÖRÜKÜMÜNDE YURGUN

GÜNÜN SÖZÜ

'İŞE ALIMDA KADINI ELİYOR'

AKTÖRLERİ ERKEKLER

Aşk öğretimde GEÇER NOT 50 OLDU

Çin ve Güney Kore'nin ilgisi

'Cumhuriyet ve Mübadele'

Türk soylu kuralları

Enez Kalesi onarım bekliyor

BİLİYOR MUSUNUZ?

YÖNETMELİK DEĞİŞTİ

ELEŞKİRT BELEDİYESİ GÜNEŞ ENERJİ SANTRALİ PROJESİ

HALKIN KATILIM TOPLANTISINA DAVET

Eleşkirt Belediyesi ve İller Bankası A.Ş. tarafından Dünya Bankası finansmanı ile yürütülecek olan 'Sürdürülebilir Şehirler Projesi-II Ek Finansman (SSP-II-EF)'kapsamında AĞRI ili Eleşkirt ilçesi sınırları içerisinde yapılması planlanan Eleşkirt Belediyesi Güneş Enerji Santrali Projesi (GES) için yürütülen Çevresel ve Sosyal çalışmaları için halkı bilgilendirmek, görüş ve önerilerini almak, inşaat ve işletme döneminde paydaşlar ile işbirliği tesis etmek üzere "Halkın Katılım Toplantısı" düzenlenecektir. Toplantı detayları aşağıda verilmiştir.

Halkımıza saygı ile duyurulur

Toplantı Yeri Ve Tarihi

BAĞLI İLİÇESİ	YER	TARİH VE SAAT
AĞRI/Eleşkirt	Eleşkirt Belediyesi Toplantı Salonu	04/11/2024 14:00

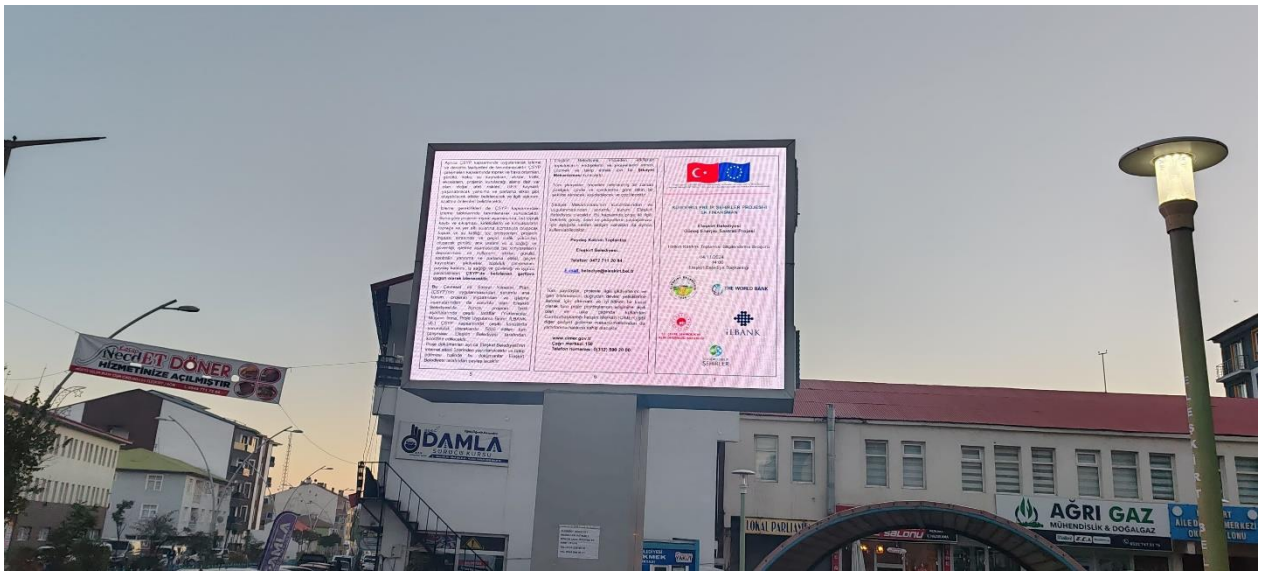
PROJE SAHİBİ	Eleşkirt Belediyesi
Telefon	0 (472) 711 20 84
E-Posta	malihizmetler@eleskirt.bel.tr
ÇSYP Hazırlayan Kuruluş	ÇA Mühendislik
Telefon	0553 144 08 75

bulmaca

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

4.1.Annex-3: Announcement Published on the Digital Billboard in Front of the Eleşkirt Municipality (16.10.2024)

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir



4.2.Eleşkirt Municipality Public Consultation Meeting Brochure

In addition, monitoring and control activities to be implemented within the scope of ESMP will be defined. Within the scope of ESMP studies, soil and air environments, noise, odor, water resources, waste, traffic, ecosystem, existing natural disaster risks regarding the area where the project will be established, potential impacts such as reflection and glare effects that may occur due to SPP will be determined and relevant mitigation measures will be specified.

Monitoring requirements will also be defined and presented in the monitoring tables within the scope of ESMP. Accordingly, during the construction phase of the project, topsoil loss and compaction, soil and water pollution that will occur due to the leakage of pollutants and chemicals into the soil and groundwater, dust emissions, noise that will occur during the construction of the project and from temporary traffic load, waste production and occupational health and safety, and during the operation phase, storage and use of chemicals, waste, noise, reflection and glare effects of the plant, livelihoods, complaints, community conflicts, stakeholder participation, occupational health and safety and labor parameters will be monitored in accordance with the conditions specified in ESMP.

The main institution responsible for the implementation of this Environmental and Social Management Plan (ESMP) is Eleskirt Municipality, which is also responsible for the construction and operation phases of the project. In addition, various parties (Contractors, Consulting firm, Project Implementation Unit, ILBANK, etc.) will take responsibility for various issues within the scope of the ESMP at different stages of the project. All the mentioned works will be coordinated by Eleskirt Municipality. The project documents will also be published on the Eleskirt Municipality website and these documents will be shared by Eleskirt Municipality upon request.

5

Eleskirt Municipality has established a Grievance Redress Mechanism to receive, resolve and follow up on concerns and complaints of communities affected by the Project.

All complaints will be effectively received, recorded and responded to within a predetermined timeline and according to their content.

Eleskirt Municipality will be the institution responsible for the establishment and implementation of the Grievance Redress Mechanism. In this context, the following communication channels can also be used to share expectations, opinions, suggestions and complaints about the project:

Stakeholder Participation Meetings Eleskirt Municipality:

Phone: 0472 711 20 84

E-mail: belediye@eleskirt.bel.tr

All internal and external stakeholders will also have the right to benefit from other grievance redress mechanisms such as the Presidential Communication Center (CIMER), which is open to access by all project stakeholders and used nationwide as an alternative and well-known channel to convey their complaints and feedback about the project directly to state authorities.

- **www.cimer.gov.tr**
- **Call center: 150**
- **Phone number: .....**

6

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

SUSTAINABLE CITIES PROJECT-II

Eleskirt Municipality
Solar Power Plant Project

Public Participation Meeting Information
Brochure 04/11/2024
14:00
Eleskirt Municipality

ELEŞKİRT BELEDİYESİ 1926

THE WORLD BANK

T.C. ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI

İLBANK

SÜRDÜRÜLEBİLİR ŞEHİRLER

1

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

Eleşkirt Municipality Solar Power Plant Project ("Project") is one of the sub-projects within the scope of Sustainable Cities Project-II Additional Financing (SCP-II-AF) to support sustainable development in cities in Türkiye. SŞP-II-EF aims to develop project approaches regarding the development of renewable energy resources, mitigation of disasters and climate change, and city resilience against risks, by investing in sustainable urban development.

The project, financed by the World Bank (WB), will be implemented by Eleşkirt Municipality through İller Bankası A.Ş.

The project aims to meet the electrical energy needs of Eleşkirt District and contribute to local development by using renewable energy.

It aims to meet the electrical energy needs of the district and reduce the consumption costs of the district by obtaining the energy used from renewable energy sources.

In this context, the Project will be constructed with a 30-year usage period of the power plant to be established. The solar power plant project is expected to produce 415 kWe (500.5 kWp) of electricity. The project will be constructed on an area of approximately 7,300 m^2 on the 206th island - 50th parcel in the Esentepe Neighborhood of the Eleşkirt District of Ağrı Province (See: Figure 1).

The expected results of the project are as follows:

- The project will provide clean, accessible access to the district's electricity needs by providing solar energy in the Eleşkirt district of Ağrı province,

- The project will reduce dependence on fossil fuels for energy and ensure the economic development of the district,

- The project will contribute to Türkiye's efforts to comply with national and international quality standards in the renewable energy resources sector;

- A step will be taken in the fight against climate change by using clean energy resources and will contribute to the environmental and economic well-being of the local people.

Priority will be given to the local people in the project's recruitment process.

The project will be in line with national legislation as well as good international practices, including the WB Conservation Policies, guidelines, standards and best practice documents.

The project will create job opportunities for local people during the construction and operation phases. The construction of the solar power plant project is expected to be completed in a very short time frame, road closures will be avoided as much as possible, and businesses around the project are not expected to close due to construction activities.

Figure 1: Eleşkirt SPP Sub-project Sites

An Environmental and Social Management Plan (ESMP) has been developed to manage the expected impacts.

The ESMP is prepared to monitor and assess potential environmental and social impacts and risks throughout the life of the Project and to recommend mitigation measures for significant adverse environmental impacts.