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SUSTAINABLE CITIES PROJECT – II

WITHIN THE SCOPE OF ADDITIONAL FINANCING

CONSULTANCY SERVICE FOR TECHNICAL FEASIBILITY PREPARATION

BAYINDIR MUNICIPALITY

SOLAR POWER PLANT

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

DECEMBER 2024

CONTENTS

LIST OF TABLES

LIST OF FIGURES

ABBREVIATIONS

%	Percentage
€	Euro
µg	microgram
AF	Additional Financing
dB	Decibel
EHS	Environment, Health and Safety
EIA	Environmental Impact Assessment
EMRA	Energy Market Regulatory Authority
ESG	Environmental Social Governance
ESIA	Environmental and Social Impact Assessment
ESMP	Environmental and Social Management Plan
EU	European Union
F.I.	Financial Intermediation
FAA	US Federal Aviation Administration
Ha	Hectare
IFC	International Finance Corporation
ILBANK	ILBANK A.Ş.
Inc.	Incorporated Company
kg	Kilogram
KVS	Short Term Limit Value

kwe	Kilowatt Electricity
kwh	Kilowatt Hour
kwp	Kilowatt Peak
l	Liter
LARPF	Land Acquisition and Involuntary Resettlement Policy Framework
m	Metre
m^2	Square Meters
m^3	Cubic meter
MWh	Megawatt Hour
NGO	Non-Governmental Organizations
No.	Number
OHS	Occupational Health and Safety
PV SYST	Photovoltaic System Software
SCP	Sustainable Cities Project
SPP	Solar Power Plant
TAP	Portable Battery Manufacturers and Importers Association
TL	Turkish lira
TURKSTAT	Turkish Statistical Institute
UVS	Long Term Limit Value
WB	World Bank

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 Finance (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 (2.093 kWp, 1740 kWe) is planned by Bayındır Municipality within the borders of İzmir Province, Bayındır District, Yakapınar Neighbourhood, lot 82 of block 132(The parcel number has been changed to lot 647 of block 132. In the report, the project area will be referred to as lot 647 of block 132). The coordinate list and location map of the planned project area are given in the attachment (See ANNEX 1). The location map of the project is shared in ANNEX 2. The project area belongs to Bayındır Municipality. The land registry record is given in the attachment (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 81.70% of the total electricity consumption of Bayındır Municipality will be met. While determining this rate, the last year consumption data of Bayındır Municipality (4,100 MWH) and the production of the SPP Project (3,350 MWH) were taken as basis.

Project production data was calculated using Energy Market Regulatory Authority (EMRA) data, global sunshine duration and Photovoltaic System Software (PV SYST) program. In addition to contributing to the economy with an annual production of 3,350 MWH, the power plant will also prevent 2,076 tons of carbon emissions due to solar energy being a renewable clean energy source.

The proposed power plant is located approximately 1 km away from the nearest residential area, Yakapınar Neighborhood. Given this distance, it is anticipated that the potential impact on the local population will be minimal.. During the installation phase of the power plant, short-term activities such as excavation work, transformer installation, and

the construction of a 900-meter energy transmission line are expected to be completed within 1 to 7 days. Beyond these activities, no significant negative impacts on the local community are anticipated as a result of material transportation.

Technical analyses of the project area have been made. The project area has been examined and photographed. The photographs of the project are given in the attachment (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, Bayındır Municipality will be able to use the budget allocated to 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. The satellite image of the project area and energy tranmission line is given in Figure 1.

Figure 1. The Project Area Satellite Image

Yakapınar Neighbourhood is located to the east of the project area and approximately 1 km away. Access to the project site is provided from the Hardal Damları highway, as seen

in Figure 2. The access route passes through the Yakapınar neighborhood. The energy transmission line is an underground line. Since the energy transmission line passes through cadastral roads, there is no privately-owned land along the route. There is no private land along the underground energy transmission line route.

Figure 2. The Project Area Access Route

Within the scope of the planned project, the connection agreement given by GEDİZ EDAŞ is given in the attachment (See ANNEX 9). In this direction, a transmission line and grid connection will be made at a distance of approximately 900 meters. The satellite image of the energy transmission line route is given in Figure 1 and the project is given in the attachment (See ANNEX 6).

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.

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 Bayındır Municipality, within the borders of İzmir province, Bayındır District, Yakapınar Neighbourhood, lot 647 of block 132 "Solar Energy" Power Plant Project (2.093 kwp, 1.740 kwe)" is planned. The planned project is considered 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, "EIA Not Necessary" decision was secured on 31.01.2020. 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 mitigatory measures.

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 Türkiye for environmental and social management during the implementation of development projects. In the ESIA study, both Türkiye and the World Bank environmental and social policy documents and guides are taken into consideration. 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 within the scope since it is included in Annex-2 lists according to the national EIA legislation. The project in question is classified as Category B within the scope of the World Bank Environmental Assessment Policy (OP 4.01).

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) has been prepared by the Bayındır Municipality.

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 Environmental and Social Monitoring System will cover the following:

- General Environment
- Air emissions
- Soil
- Surface water and groundwater
- biodiversity
- Noise and dust emissions
- Social Monitoring

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

Solar Energy Power Plant Project (2.093 kWp, 1.740 kWe) is planned by Bayındır Municipality within the borders of İzmir Province, Bayındır District, Yakapınar Neighbourhood, lot 647 of block 132. The project area belongs to Bayındır municipality. The land registry record is given in the attachment (See ANNEX 3).

With the project put into operation, approximately 81.70% of the total electricity consumption of Bayındır Municipality will be met. While determining this rate, the last year

consumption data of Bayındır Municipality (4,100 MWH) and the production of the SPP Project (3,350 MWH) were taken as basis.

The connection agreement given by GEDİZ EDAŞ within the scope of the planned project is attached (See Annex-9). In this direction, a network connection will be made via a transmission line to a distance of approximately 900 meters. The energy transmission line is an underground line. Since the energy transmission line passes through cadastral roads, there is no privately owned land along the route. There is no private land along the energy transmission line route.

It is anticipated that 15 personnel will work during the construction phase of the project and the solar energy installation process will be completed within 2 months.

According to the data of the Turkish Statistical Institute (TURKSTAT), the population of Bayındır District in 2023 is 40,618 people. This population consists of 20,280 men and 20,338 women. Accordingly, 49.93% of the population of Bayındır District is male and 50.07% is female. The population of Yakapınar Neighbourhood consists of 845 people. In this context, the population of Yakapınar Neighbourhood corresponds to approximately 2% of the population of Bayındır District.

5. Environmental and Social Management Plan

By Bayındır Municipality, within the borders of İzmir Province, Bayındır District, Yakapınar Neighbourhood, lot 647 of block 132 “Solar Energy” Power Plant Project (2,093 kWp, 1,740 kWe)” is planned. It is anticipated that 15 personnel will work during the construction phase of the project and the solar energy installation process will be completed within 2 months.

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.

Water Use and Wastewater Generation

The water needs of 15 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 and Environmental 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 Intended for Human Consumption".

Domestic water needs will be met from the network. The required domestic water will be brought to the project area by tankers within the Bayındır Municipality. When taking water by tanker; the provisions of the Communiqué on Supply and Transport of Drinking and Utility Water by Tankers published in the Official Gazette dated 19.08.2014 and numbered 29093 of the Ministry of Health and the Regulation on Water Intended for Human Consumption published in the Official Gazette dated 17.02.2005 and numbered 25730 will be complied with. Additionally, deionized water required for cleaning the panels will also be purchased.

The places where water will be used, 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 1.

Table 1. 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 15 people who will take part in the land preparation phase	15 people x 246 lt /person-day* = 3.69 m^3 /day	Drinking and utility water that will be needed during the land preparation and construction phase will be supplied by demijohns.	15 people x 151 lt /person-day* = 2.26 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.

Project Period	Water use	The amount of water	Water Supply Place	Amount of Wastewater	Wastewater Disposal Method
	Drinking and potable water for 2 people who will take part in the operation phase	2 people x 246 lt /person-day* = 0.49 m ^{3} /day		2 people x 143 lt /person-day* = 0.30 m³/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 246 lt / person-day (Turkish Statistical Institute, Ankara, 2020).

Note 2:** The daily amount of wastewater generated by one person is taken as 151 lt / person (Turkish Statistical Institute, Ankara, 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 2 will be complied with.

Table 2. Wastewater and Ambient Water Quality Criteria

Criteria
• Determining the quality, quantity, source and discharge point of liquid waste generated in the facility, • Inspecting the tightness of the septic tank, • Removing wastewater from the septic tank via a sewage truck at regular intervals, • 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.

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 TurkStat, the daily amount of solid waste generated per person in İzmir in 2023 is 1.03 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 15.45 kg/day (15 people x 1.03 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 dispersion.

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 3 will be complied with.

Table 3. 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,

[(1)] Municipal Waste Statistics, Average Municipal Waste Amount per Person (kg/person-day), Turkish Statistical Institute, 2023.

Criteria
• 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, • 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, • 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.

Waste Panels

Materials such as panels, switches, solar regulators, inverters, etc. that are damaged and become inactive during or after the activity in question will be temporarily stored in the Hazardous Waste Storage Area in the existing facility, classified according to their characteristics and delivered to the closest or most economical licensed recycling company to the project area for recycling purposes, and wastes that cannot be recycled will be given to licensed companies to be disposed of according to the conditions specified in the "Waste Management Regulation", which was published in the Official Gazette dated 02.04.2015 and numbered 29314 and entered into force.

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.

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 3 and the Hazardous Material Management criteria are given in Table 4.

Table 4. 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 recordkeeping documents that include audit procedures designed to verify and record the effectiveness of preventing and controlling exposure to occupational hazards and to maintain accident and incident investigation reports on file for a period of at least five years.

Criteria
• Using transfer equipment that is suitable and compatible with the characteristics of the transferred materials and designing them to ensure safe transfer.

Excavation Waste

Within the scope of the project, excavation works will be carried out during the land preparation and construction phase, the excavation for 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 0.05 m in an area of approximately 24,360 m^2.

According to this;

24,360 m^2 * 0.05 m = 1,218 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.

Dust Emissions

Within the scope of the project, excavation will be carried out during the placement of units during the land preparation and construction phase, and dust emissions will occur due to the excavation and filling works and temporary storage of the excavated material. The particulate matter that will be formed will add additional burden to the existing air quality and may adversely affect human health or cause harmful deposits on the vegetation.

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 7).

It is not expected that the dust emissions that will occur during the 3-weeks 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 5).

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 5. 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 and 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**

Within the scope of the activity, the issues specified in the "Regulation on Control of Industrial Air Pollution", "Air Quality Assessment and Management Regulation" and the Air Emissions and Ambient Air Quality Guide published by the International Finance Corporation will be complied with.

Exhaust Gas Emissions

Within the scope of the project, exhaust 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.

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 2 months, any noise impacts 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-8).

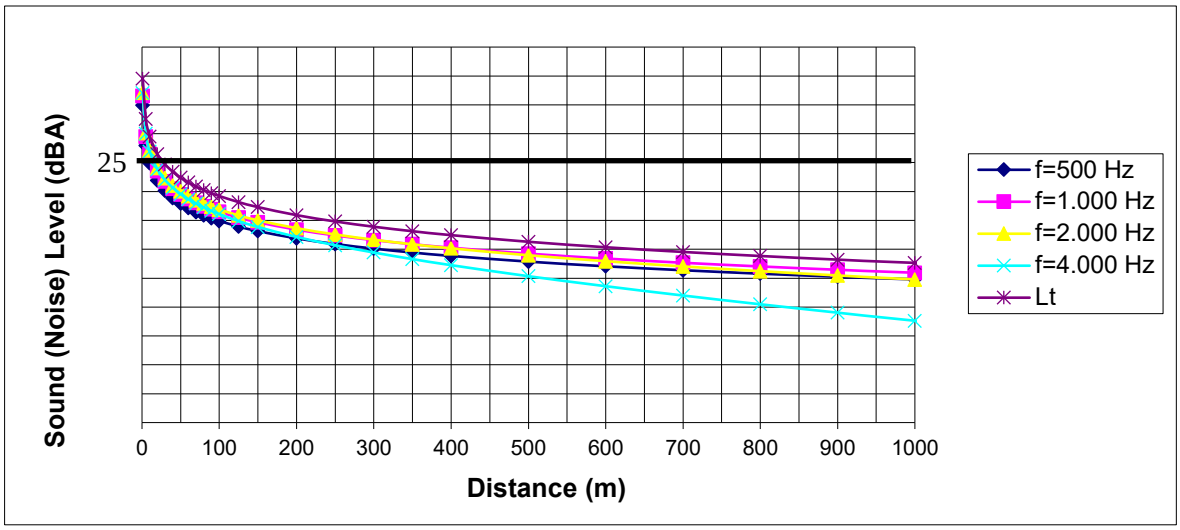


Figure 3. Construction Phase Noise Distribution Graph by Distance

Table 6. 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 $_{eq\ ,\ 63\text{-}250\ Hz.}$	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 7. IFC Noise Management – Limit Values

Noise Source	Environmental Noise Level	
	daytime 07:00 – 22:00	night time 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 calculated 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, all vehicles will not 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 ($07.^{00\ am}$ – $07.^{00\ pm}$) 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.

Glare and Reflection 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 reflection 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]

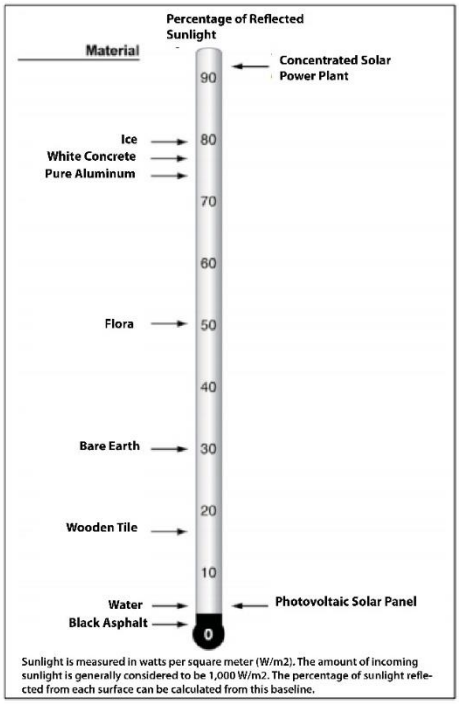


Figure 4. Sunlight Reflectance Percentages of Various Materials
Source:**https://www.savemoneycutcarbon.com/learn-save/do-i-need-to-worry-about-glare-from-solar-panels/**

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 grievances from nearby settlements.

Evaluation According to Bird Migration Routes

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

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 Türkiyefrom 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 located on the bird migration routes of our Türkiye. In this context, the opinion of the General Directorate of Nature Conservation and National Parks of the Ministry of Agriculture and Forestry of the Republic of Türkiye was taken (see Annex 17).The opinion leter was followed during the preparation of the project.

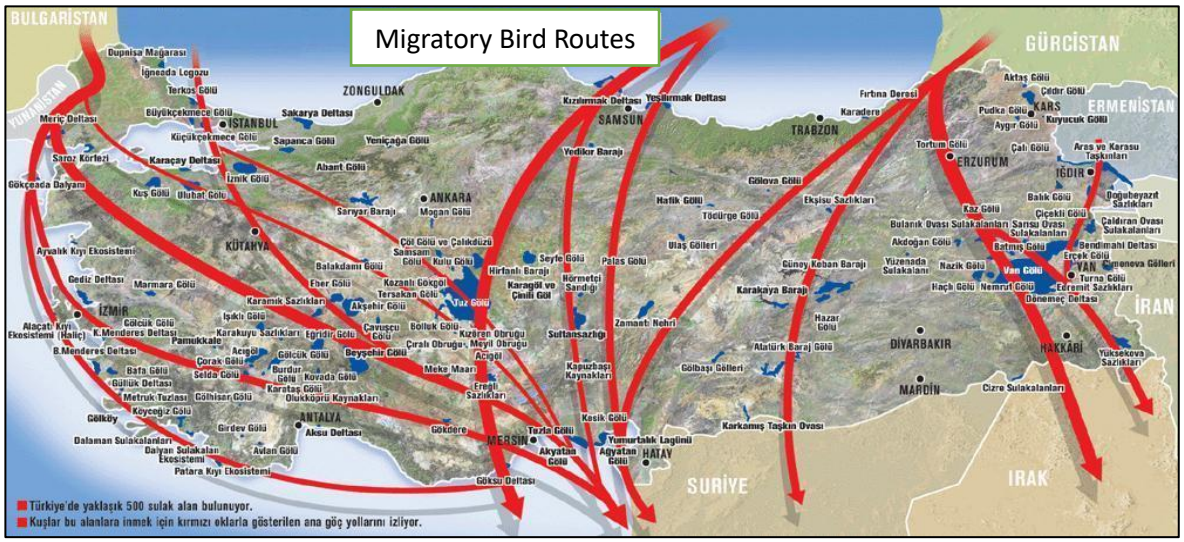


Figure 5. Migratory Bird Migration Routes Map

Biodiversity

There is no distribution of natural flora and fauna in the area where the Project is located. As a result of the intense anthropogenic impact in the Project area, the distribution of natural habitats and flora and fauna has been greatly suppressed. The flora and fauna species that can be seen in the area consist of cosmopolitan species especially adapted to the settlement conditions. In terms of flora species, there is a distribution of culture species in particular. The fauna distributed in the project area consists of species that show high tolerance to the effects of residential areas such as intense human presence, noise and traffic.

Population/Demographics

Bayındır Municipality has a population of 165,182. 30% of the population is young, 49% is middle-aged, and 21% is elderly. 1,587 people live in Bağlarbaşı Neighborhood, where the project area is located. While 54% of the population is female and 46% is male, educational status is as follows; 77% have undergraduate and postgraduate degrees, 11% have primary and secondary education, and 13% have no education.

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.

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. Bayındır Municipality will ensure that contractors establish a code of conduct and ensure that workers regarding communication with citizens receive training before starting work.

Economy/Employment

Agriculture is the main source of income in Yakapınar Neigborhood close to the project site.

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 and services locally.

Additionally, a camping area will be established for workers during the construction period. The camp area is shown in Figure 7Within the scope of the project, it is planned to meet the personnel needs as much as possible from local people.

Natural Habitats

In Türkiye, ecologically protected areas under the legal legislation under the responsibility of the Republic of Türkiye 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 Türkiye; 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 Türkiye, 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.

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 procedure will be followed.

The information that no cultural findings were found as a result of the examinations conducted by the Ministry of Culture and Tourism was received verbally from Bayındır Municipality. In addition, an opinion letter was received from the Ministry of Culture and Tourism, General Directorate of Cultural Heritage and Museums, Izmir No. 1 Cultural Heritage Protection Regional Board Directorate and the Provincial Directorate of Culture and Tourism, Investments Branch Directorate, and shared in Annex-17.

The closest settlement to the project site is Ephesus Ancient City, which are 40 km away (see Figure 6).

Figure 6. The closest cultural heritage

Agriculture and Forestry Areas

The project area consists of an area of approximately 24 hectares with the qualification of "field" within the boundaries lot 647 of block 132, in the Bayındır district of İzmir province.

The project subject area of activity is not within the scope of areas with the qualification of "Forest Area". Within the scope of the project, the provisions of the World Bank Natural Habitats (OP 4.04) will be followed.

Land Acquisition / Use

Solar Energy Power Plant Project (2,093 kWp, 1,740 kWe) is planned by Bayındır Municipality within the borders of İzmir Province, Bayındır District, Yakapınar Neighbourhood, lot 647 of block 132. The project area belongs to Bayındır Municipality. The land registry record is given in the attachment (See ANNEX 3).

The connection agreement given by GEDİZ EDAŞ within the scope of the planned project is attached (See ANNEX 9). In this direction, a network connection will be made via a transmission line to a distance of approximately 900 meters. The energy transmission line is an underground line. Since the energy transmission line passes through cadastral roads, there is no privately owned land along the route. There is no private land along the energy transmission line route.

Transportation to the project site is provided via the Hardal Damları highway passing in the Yakapınar Neigborhood. Existing access roads will be used for project activities and no additional land will be used for accessibility. If additional access roads will be required in the future, an environmental and social impact assessment will be conducted for the proposed route.

The matters specified in the ESMP will be complied with by Bayındır Municipality and Subcontractors in order to create temporary security measures in order to avoid any inconvenience to the citizens during the construction works to be carried out around the project area.

Working conditions

It is planned to employ 15 personnel during the construction and machinery-equipment installation activities of the solar power plant and 2 personnel during the operation phase.

The accommodation needs of the personnel who will work during the construction phase of the project will be provided by a container to be installed in the project site. In case of need for additional personnel, care will be taken to meet the need from the local people. The project camp area is shown in Figure 7.

Figure 7. Project Camp Area

Bayındır Municipality will be responsible for human resources for the construction and operation periods. Türkiye 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 Bayındır Municipality.

Community Health and Safety

Community health and safety problems are related to dust and environmental noise factors that may arise from the construction and operation period of the project. During the construction phase, during the transportation of the panels within the scope of the project, there will be temporary effects that will directly reflect on the public, such as increasing the traffic load, creating dust emissions, and noise emissions from working machinery and equipment. During the operation phase, improperly managed waste disposal and recycling plan of expired panels will pose a risk. The closest settlement to the project site, Yakapınar neighborhood, is 1 km away. Therefore, it is anticipated that local people may be affected by the dust and noise that will occur, during the three-weeks land preparation and construction period.

Since transportation to the project site passes through Yakapınar neighborhood, the closest settlement, additional traffic density is expected. In order to minimize the impact of traffic activities expected to intensify during the construction phase on the local community, working hours should be adjusted according to the peak transportation hours.

In addition, during site preparation and construction activities, the Subcontractor, under the management of the Bayındır Municipality, will ensure that subcontractors take health and safety measures, such as informing the public about the construction plan and locations in a timely manner.

Accidents that may threaten public health and safety may occur as a result of not fully surrounding the construction sites and not placing the necessary warning signs. When an accident occurs, Bayındır Municipality is obliged to report the accident to Ilbank within 24 hours. In this regard, appropriate warning signs and signals will be used to identify construction sites and irrigation will be provided during dry seasons.

Existing road Hardal Damları highway will be used within the scope of transportation of the panels. Possible damage to road surfaces due to traffic caused by heavy machinery will be repaired by the Subcontractor. In case of any damage to infrastructure elements on private lands due to construction activities, mitigation measures will be implemented by the subcontractor.

The project area will be fenced to prevent physical dangers to the communities associated with the project, and the local people, workplaces and government institutions that will be affected by the construction activities will be announced at least 2 days in advance.

Within the scope of the project, the provisions of the Environment, Health and Safety Guidelines (Community Health and Safety) will be complied with.

Occupational Health and Safety

It is planned to employ a total of 15 personnel during the construction process of the project, depending on the workload. 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. 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 Bayındır Municipality 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. Dust and Environmental Noise 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.

Bayındır Municipality 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.

Bayındır Municipality 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.

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) works.

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

Within the scope of the "Occupational Health and Safety Risk Assessment Regulation" dated 29 December 2012 and numbered 28512, a Risk Assessment Guide will be created to meet the requirements of the legal legislation for specific risks within the scope of the project.

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.

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 Table to 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, 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 risk are first 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 Preparedness 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).

Institutional Arrangements

In order to ensure that the project in question is carried out in a way that minimizes its potential impacts, resources must be allocated to the management of environmental and social issues. In this direction, first of all, the current structure of Bayındır Municipality was evaluated and the institutional infrastructure needed to provide the specified services was tried to be revealed.

Current Administrative (Institutional Structure)

The organizational chart of Bayındır Municipality is given Figure 8.

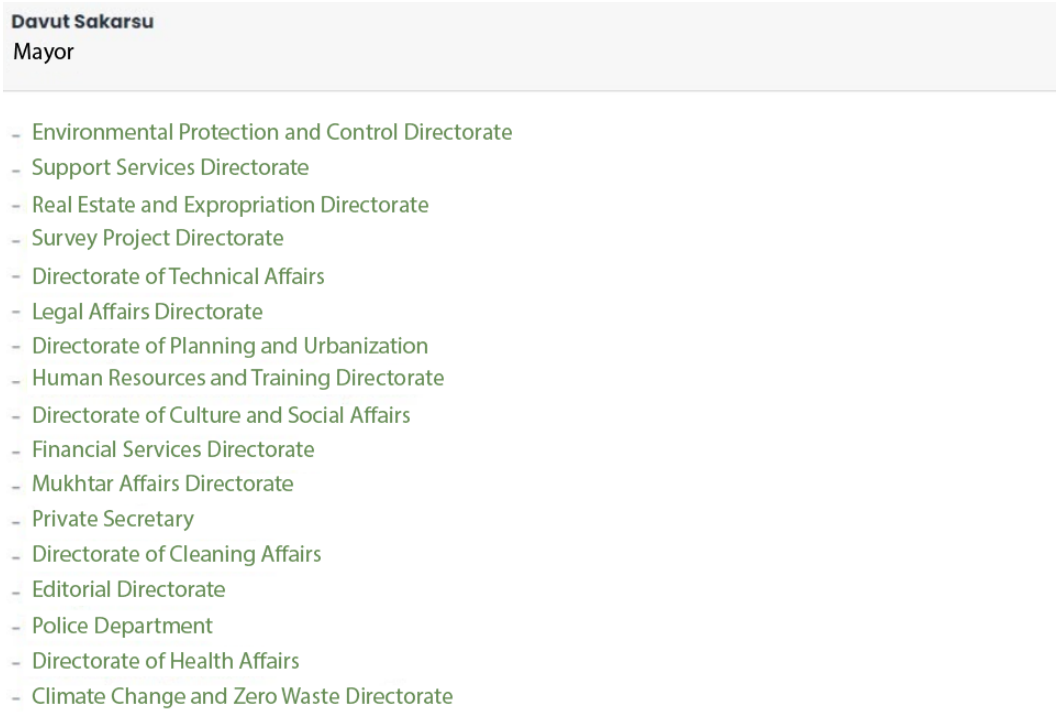


Figure 8. Bayındır Municipality Organization Scheme

Duties and Responsibilities

It is the responsibility of Bayındır 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 Table 8.

Table 8. 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 Bayındır Municipality with World Bank requirements. • Providing guidance to Bayındır Municipality public participation and announcement requirements, • To provide guidance to Bayındır 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 Bayındır 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.
Bayındır 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 grievance 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 Bayındır 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 Bayındır 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 Bayındır Municipality, • Immediate notification of unexpected situations such as environmental, social and business problems or accidents, incidents or loss of time to the Bayındır Municipality 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.

Bayındır Municipality will include environmental, social and OHS experts to oversee the implementation of the ESMP. Bayındır Municipality experts will monitor the implementation of the ESMP by Bayındır Municipality and document performance, recommendations and other necessary actions. Provides guidance to municipal officials on World Bank procedures, consultation and disclosure requirements.

Training

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

Employess will receive 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.

Bayındır Municipality 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).

The land preparation and construction phase precaution plan is given in Table 9, the operation phase precaution plan is given in Table 10. The land preparation and construction phase monitoring plan is given in Table 11, and the operation phase monitoring plan is given in Table 12.

Table 9. Land Preparation and Construction Phase Mitigation Plan

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
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**.**	Indirect	Moderate	Within the scope of the planned project, the water need of 15 personnel who will work in the construction and land preparation phase is **2,46 m³/day**, and the amount of wastewater it will create is **1,5 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 the land preparation, construction and operation stages belong to Bayındır Municipality and the Contractor.

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
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.	Indirect	Moderate	Municipal waste will be generated due to a total of 15 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 project area, 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 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	

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
		When not disposed of, it causes contamination of underground and surface water resources, soil pollution and odor problems for human health.	Indirect	Moderate	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
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 vicinity.	Direct	Moderate	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 controlled 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*, will be complied with during the land preparation and construction stages of the Project.	

Problem		Potential Impact	Impact Type	Impact Significance	Mitigation Measures	Responsible Party
NOISE AND VIBRATION	**Land Preparation, Construction 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 fauna.	Direct	Moderate	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	Responsible Party
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.	Indirect	Moderate	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	Responsible Party
CULTURAL HERITAGE	Chance Find Prodecure	Destruction or damage to cultural heritage	Indirect	Moderate	Preparation of a Chance Find Procedure will be provided. Machinery and equipment used around archaeological sites will be carefully selected. The number of chance finds will be monitored.	

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	Moderate	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	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	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 10. Operation Phase Mitigation Plan

Problem		Potential Impact	ImpactType	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**.**	Indirect	Moderate	The water need of 2 personnel who will work during the operation phase is calculated as **0,60 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 Bayındır 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.	Indirect	Moderate	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 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	

Problem		Potential Impact	ImpactType	Impact Significance	Mitigation Measures	Responsible Party
					Official Gazette dated 02.04.2015 and numbered 29314.	

Problem		Potential Impact	ImpactType	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	Moderate	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	ImpactType	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 11. Land Preparation and 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	-Bayındır Municipality -Contractor	The cost of land preparation and construction is included in the project budget.
Air Management	Dust Emission	Construction site and transportation routes	Observational	Daily 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	-Bayındır 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	-Bayındır 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	- Bayındır 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	- Bayındır 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	- Bayındır 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	- Bayındır 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	- Bayındır Municipality -Contractor	
	Other Wastes (Battery, Battery, etc.)	In construction sites	Recording the Delivery to Recycling Companies Waste records	Continually	Regulation on the Control of Waste Batteries and Accumulators, IFC Environmental health oath Safety Guidelines: Waste Management	- Bayındır 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: Occuptional Health and Safety	- Bayındır 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	- Bayındır Municipality	
Labor and Labor Flow		In all studies	Inspection of inappropriate working conditions, child	Continually	Ensuring compliance with Labor Law and Regulations,	- Bayındır Municipality	

PARAMETER TO BE MONITORED	LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
		labor, unregistered employment		IFC Environmental, Health and Safety Guidelines: Occuptional Health and Safety		
Waste water	Septic tank	Analysis Disposal records	During the construction phase	Water Pollution Control Regulation, IFC Environmental, Health and Safety Guidelines: Wastewater Management	- Bayındır 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	- Bayındır 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	- Bayındır 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	- Bayındır 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	-Bayındır Municipality -Contractor	

Table 12. 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	All responsibility during the operation phase belongs to Bayındır Municipality.	The cost of land preparation and construction is 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		
	Other Wastes (Battery, Battery, etc.)	In the 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		
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		
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		
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		

PARAMETER TO BE MONITORED	LOCATION OF THE PARAMETER	MONITORING METHOD	VIEWING FREQUENCY	REASON FOR WATCHING	CORPORATE RESPONSIBILITY	Cost
Grievance Mechanism	In all studies	Documentation control, review of grievance records, number of resolved grievances	Continually	Examining Accident Records, Carrying out Internal and External Audits and Due to the functioning of the Grievance Mechanism		
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		
Public Health and Safety Community Engagement	In all studies	Documentation control Grievance records 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		

6. Stakeholder Engagement

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 Yakapınar neighbourhood, which is located in settlement close to the project route.

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 13.

Table 13. Stakeholder Analysis Table

Parties Affected by the Project	The project site and the nearby settlement Yakapınar Neighborhood and approximately 852 people living here Bayındır Municipality
Other Interested Parties	World Bank Ilbank Ministry of Environment, Urbanization and Climate Change Energy and Natural Resources Ministry İzmir Governorship Provincial Directorate of Environment, Urbanization and Climate Change Ilbank İzmir Regional Directorate Türkiye Electricity Distribution Inc. Gediz Electricity Distribution Inc. The contractor Advisor

Vulnerable/Disadvantaged Individuals and/or Groups	Vulnerable individuals/groups living in Yakapınar Neighbourhood 168 people

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. Grievances may indicate growing stakeholder concerns and may escalate if not identified and resolved. Identifying and responding to grievances 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 grievance Procedure will be prepared to cover all grievances expressed by all stakeholders, including the activities of contractors. While the grievance mechanism is being established, a telephone line that will be active 24/7 will be established, and opinions and grievances will be collected by e-mail, postal mail and orally. Stakeholders may request that their grievances be recorded anonymously.

A structured Grievance Mechanism ensures that Project-related grievances are addressed through a transparent and impartial process. In this regard, from the early stages of the project's life cycle, the grievance 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 grievances 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 business personnel,
- It will record and track all grievances forwarded to contractors and written in petitions in a single system.

In order for this method to be successful, the appointed Bayındır Municipal personnel, other municipal experts and subcontractors will be in constant contact. Introducing the grievance 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. Grievances 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 grievances regarding these issues regarding the Project anonymously. In addition, authorities handling grievances must handle such matters confidentially and with an unbiased approach.[3]

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

Contact channels for formal grievances are provided below.

Bayındır Municipality:

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

Website:	https://www.bayindir.bel.tr/
Email:	info@bayindir.bel.tr
Phone number:	0 232 581 50 00
Official letter:	Mithatpaşa Mah. Atatürk Cad. No:32 35840 Bayındır/İZMİR

Presidential Communication Center:

Presidential Communication Center (CİMER) provides a central grievance 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 grievances 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

[3] Environmental & Social Framework for IPF Operations

Foreigners Contact Center: Address for Official Letter: Republic of Türkiye, Directorate of Communications Kizilirmak Mahallesi Mevlana Bulvari No:144 CANKAYA/ANKARA

Individual applications: Community relations desks at governorates, ministries, and district governorates

Mail addressed to Republic of Türkiye, Directorate of Communications: cumhurbaskanligi@tccb.gov.tr

Foreigners Communication Center: Foreigners Communication Center (YİMER) offers a central grievance system for foreigners. YİMER will be offered to foreign stakeholders of the Project as an alternative and well-known channel to convey their grievances 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

Address for Official Letter: Republic of Türkiye General Directorate of Migration Management, Camlica Mahallesi 122. Sokak No: 4 Yenimahalle /ANKARA

Individual applications: Republic of Türkiye General Directorate of Migration Management.

Mail addressed to Republic of Türkiye, Directorate of Communications

ILBANK:

In addition, if complainants do not find the feedback they receive from the municipality sufficient, they can forward their grievances 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 and etikuidb@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) Emniyet Neighbourhood Hipodrom Street No: 9/21 Yenimahalle/Ankara

WORLD BANK:

Complainants, project-affected communities and individuals may submit their grievances 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-grievance
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 grievances.

- Grievance boxes at construction sites (mainly for internal grievances) and the muhtar's offices of the relevant neighborhoods and/or designated locations for grievance 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 14.

Table 14. 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-12). This letter will include the contact information of a person authorized by the municipality.
Submission of Grievance	The subject of the grievance is communicated by the complainant through any communication channel.
Grievance Registration	Grievances will be recorded with the Grievance Form (See Annex-11). All grievances will be recorded within two (2) days and feedback will be given to the complainant. If the complainant requests that this grievance be handled anonymously, this grievance 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 Grievances	Grievances will be evaluated within 10 business days and it will be determined whether the grievance meets the acceptability criteria. If the grievance is not valid, the necessary explanation will be made to the complainant.
Responding to Grievances	The grievance will be evaluated. If necessary, the grievance will be examined on-site. Depending on the type of grievance, representatives of the affected

	community will be interviewed. The actions taken to resolve the grievance and the results will be communicated to the petitioner. If the issue underlying the grievance 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 grievance.
Grievance Closing	Unless an alternative agreement is made regarding the closing time of the complainant's grievance, relevant actions will be taken and documented within fifteen (15) business days from the date of application. Then, the grievance will be closed with the grievance close out form (See Annex-13). Recorded grievances and their responses will be shared on the Municipality's website. Thus, all complainants, including anonymous complainants, will be informed about their grievances and their consequences.
In Case the Grievance Cannot Be Resolved	The project grievance mechanism is monitored by ILBANK. Grievances will be evaluated by the Municipality and ILBANK will be informed. The actions taken to resolve the grievance will be communicated to the complainant by the Municipality. ILBANK will monitor the Municipality to ensure that the grievance mechanism operates smoothly. If the grievance 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 Grievance Process. A Consultation form will be prepared to record the questions and/or concerns of stakeholders during the process (See Annex-14). Grievances will be monitored and reported at regular intervals so that they can be analyzed regarding their type, frequency and how the grievances 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 11, ANNEX 12, ANNEX 13, ANNEX 14).

7. Public Consultation Meeting

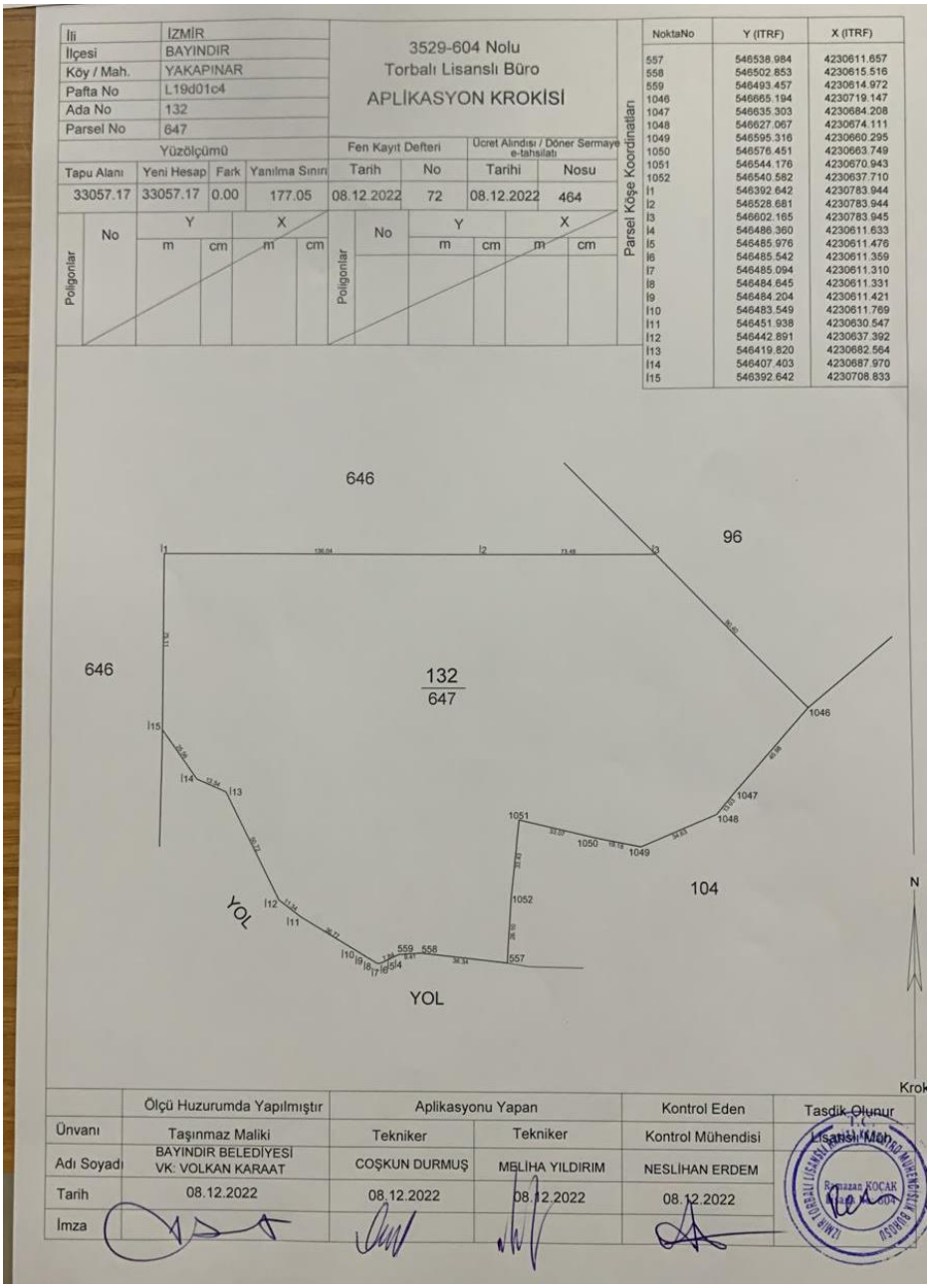
According to the ESMF prepared within the scope of SCP-II AF, a Public Consultation Meeting was held on 07.01.2025 for Category B subprojects in order to inform the local people after the ESMP was finalized. The meeting was announced on the Bayındır Municipality website 15 days ago, advertisements were 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-18.

8. Attachments

Annex-1 Parcel Area Coordinates
Annex-2 Location Map
Annex-3 Land Registry
Annex-4 Project Area Photos
Annex-5 Project Area Transportation Road Route
Annex-6 Electricity Transmission Line Route
Annex-7 Dust Emission Mass Flow Calculation
Annex-8 Noise Calculation
Annex-9 Connection Agreement
Annex-10 SPP Aluminum and Steel Carrier System Static Calculation Report
Annex-11 Grievance Form
Annex-12 Information Letter on Starting Work
Annex-13 Grievance Close Out Form
Annex-14 Consultation Form
Annex-15 Line Diagram
Annex-16 EIA Not Necessary Decision**Annex-17** Existing Permitting Documentation

ANNEX 1

PARCEL AREA COORDINATES



İli	İZMİR
İlçesi	BAYINDIR
Köy / Mah.	YAKAPINAR
Pafta No	L19d01c4
Ada No	132
Parsel No	647

3529-604 Nolu
Torbalı Lisanslı Büro
APLİKASYON KROKİSİ

Yüzölçümü				Fen Kayıt Defteri		Ücret Alındısı / Döner Sermaye e-tahsilatı	
Tapu Alanı	Yeni Hesap	Fark	Yanılma Sınırı	Tarih	No	Tarihi	Nosu
33057.17	33057.17	0.00	177.05	08.12.2022	72	08.12.2022	464

Poligonlar No	Y m	Y cm	X m	X cm

Poligonlar No	Y m	Y cm	X m	X cm

Parsel Köşe Koordinatları

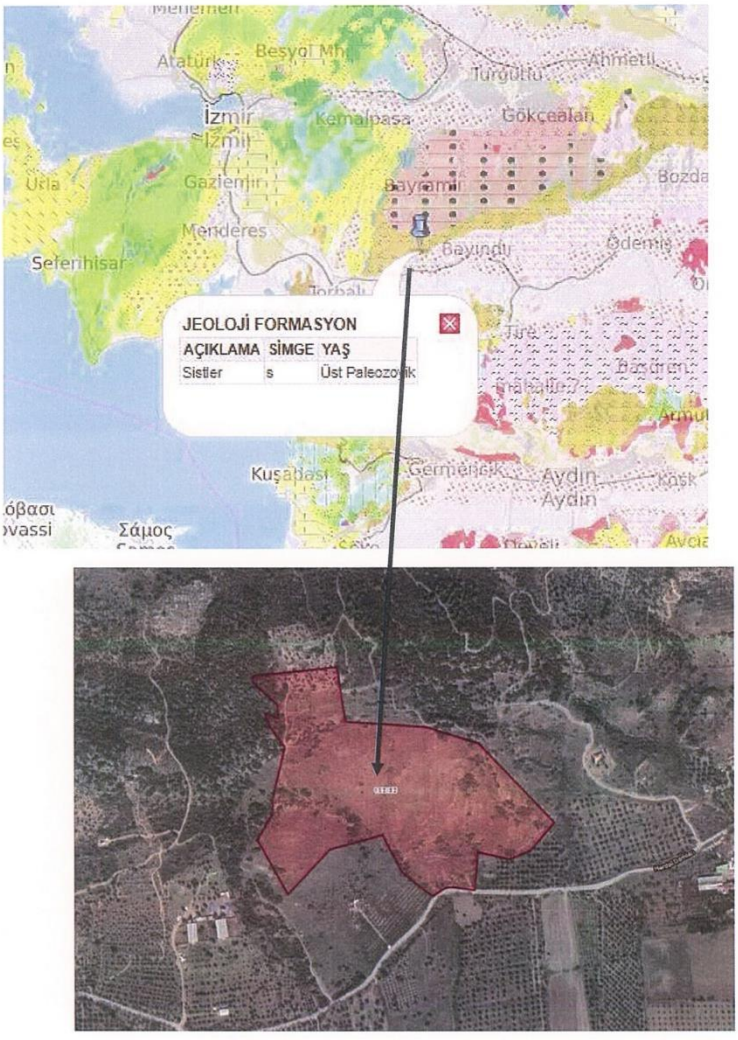
NoktaNo	Y (ITRF)	X (ITRF)
557	546538.984	4230611.657
558	546502.853	4230615.516
559	546493.457	4230614.972
1046	546665.194	4230719.147
1047	546635.303	4230684.208
1048	546627.067	4230674.111
1049	546595.316	4230660.295
1050	546576.451	4230663.749
1051	546544.176	4230670.943
1052	546540.582	4230637.710
I1	546392.642	4230783.944
I2	546528.681	4230783.944
I3	546602.165	4230783.945
I4	546486.360	4230611.633
I5	546485.976	4230611.476
I6	546485.542	4230611.359
I7	546485.094	4230611.310
I8	546484.645	4230611.331
I9	546484.204	4230611.421
I10	546483.549	4230611.769
I11	546451.938	4230630.547
I12	546442.891	4230637.392
I13	546419.820	4230682.564
I14	546407.403	4230687.970
I15	546392.642	4230708.833

	Ölçü Huzurumda Yapılmıştır	Aplikasyonu Yapan		Kontrol Eden	Tasdik Olunur
Ünvanı	Taşınmaz Maliki	Tekniker	Tekniker	Kontrol Mühendisi	Lisanslı Mühendis
Adı Soyadı	BAYINDIR BELEDİYESİ VK: VOLKAN KARAAT	COŞKUN DURMUŞ	MELİHA YILDIRIM	NESLİHAN ERDEM	
Tarih	08.12.2022	08.12.2022	08.12.2022	08.12.2022	
İmza					

ANNEX 2

LOCATION MAP

CA JEOLOJİ Harita Müh. İnş. Gayr. Değ. San. Tic. Ltd. Şti.
Demet Lale Mah. Bağdat Cad. No: 36/9 Yenimahalle/ANKARA
Tel: (0312) 341 34 41



ANNEX 3

LAND REGISTRY

T.C.
İZMİR VALİLİĞİ
Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü

Sayı : E-58379233-400[35110103927]-4545210
Konu : Tahsis(Bayındır,Yakapınar Mah.132 647 parsel)

BAYINDIR BELEDİYE BAŞKANLIĞINA

İlgi : a) 29.05.2019 tarihli ve 5634 sayılı yazınız.
b)08.09.2021 tarihli ve 7142 sayılı yazınız.

TAŞINMAZIN			
Taşınmaz No	35110103937	Cinsi	Arsa
Fiili Durumu		Yüzölçümü (m²)	33.057,17
İli	İzmir	Hazine Hissesi	1,00/1,00
İlçesi	Bayındır	Tapu Tarihi	16.08.2022
Mahallesi / Köyü	Yakapınar Köyü	Pafta / Cilt No	L19D01C4/35
Caddesi / Sokağı	/	Ada / Sahife No	132/3371
Yöresi	Hardal Yurdu	Parsel / Sıra No	647/

TAHSİS İLE İLGİLİ BİLGİLER		
Tahsis Edilecek Olan İdare	İzmir Belediyeleri(Bayındır Belediyesi)	
Tahsis Amacı	20.000,00 m² lik kısmında Güneş Enerji Santarali, 13.057,17 m² lik kısmı ise tesise ait enerji nakil hatları, trafo köşk ve personel binaları ile depolama alanı	
Tahsis Süresi / Yüzölçümü	2 yıl Ön Tahsis	(20.000,00+13.057,17=33.057,17 m²)

Bayındır İlçesi, Yakapınar Mahallesinde ve tapunun 132 ada 82 parsel numarasında 95.613,02 m² yüzölçümle mülkiyeti Hazine kayıtlı taşınmazın 20.000,00 m²'lik kısmının "Güneş Enerji Santrali kurulmak üzere",17.447,69 m²'lik kısmının ise "Tesise ait nakil hatları,

trafo binaları, personel binası ve depolama alanı olarak kullanılmak üzere" iki parçada toplam 37.447,69 m²'lik kısmının 2 yıl süreli ön tahsisi Bakanlığımızın(Milli Emlak Genel Müdürlüğü) 27.10.2021 tarihli ve 1979597 sayılı oluru ile uygun görülmüştür.

Söz konusu taşınmaz üzerinde Güneş Enerji Santrali kurulması planlanan alan 1/1000 Ölçekli Uygulama İmar Planında Yenilenebilir Enerji Kaynaklarına Dayalı Üretim Tesis Alanında(Güneş Enerji Santrali) kalmakta olup mevcut imar planına göre 3194 sayılı İmar Kanununun 11,15 ve 16 ıncı maddeleri uyarınca gerçekleştirilen ifraz, dere ve yola terk işlemleri sonucunda 132 ada 646 parsel numarasında 60.802,94 m² yüzölçümle Ham Toprak vasfıyla Hazine adına, 132 ada 647 parsel numarasında 33.057,17 m² yüzölçümle Arsa vasfıyla Hazine adına tapuya tescili sağlanmış ve 816,31 m² lik kısmı yol olarak, 936,60 m² lik kısmı dere olarak tapudan bedelsiz terki yapılmıştır.

Bu nedenle, 132 ada 82 parsel numaralı 95.613,02 m² yüzölçümlü taşınmazdan 3194 sayılı İmar Kanununun 11,15 ve 16 ıncı maddeleri uyarınca gerçekleştirilen ifraz, dere ve yola terk işlemleri sonucunda oluşan 132 ada 647 parsel numaralı 33.057,17 m² yüzölçümlü taşınmazın;

-Ekli krokisinde A ile gösterilen 20.000,00 m² lik kısmının **"Güneş Enerji Santrali kurulmak üzere",**

-B ile gösterilen 13.057,17 m² lik kısmının ise **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 kaydıyla " Tesise ait nakil hatları, trafo binaları, personel binası ve depolama alanı olarak kullanılmak üzere"** 09/09/2022 tarihli ve 4508096 sayılı Milli Emlak Dairesi Başkanlığımızın Oluru ile Belediyeniz adına 2 yıl süreli ön tahsisi yapıldığından taşınmazı teslim almak üzere Belediyenizden yetkili bir personelin görevlendirilmesi ve İdaremize müracaatının sağlanması hususunu arz ederim.

Harun YIKMIŞ
İl Müdürü a.
Konak Emlak Müdürü

Ek:
1 - Ön tahsis Oluru.

Tel : (232) 341 68 00 KEP Adresi : izmircevrevesehircilik@hs01.kep.tr
Fax : (232) 503 93 93 Adalet Mah. Anadolu Cad. No : 41/2
Bayraklı/İZMİR
E-posta : izmir@csb.gov.tr İnternet Adresi : izmir.csb.gov.tr
Bilgi için:Cüneyt TUNÇ
Tekniker
Telefon No:(232) 341 68 00-2250

2 - Kroki

Tel : (232) 341 68 00 KEP Adresi : izmircevrevesehircilik@hs01.kep.tr
Fax : (232) 503 93 93 Adalet Mah. Anadolu Cad. No : 41/2
Bayraklı/İZMİR
E-posta : izmir@csb.gov.tr İnternet Adresi : izmir.csb.gov.tr
Bilgi için:Cüneyt TUNÇ
Tekniker
Telefon No:(232) 341 68 00-2250

BU BELGE E-BELEDİYE BİLGİ SİSTEMİ ÜZERİNDEN Ali ŞENKAYA TARAFINDAN 22.11.2022 11:34:41 OLUŞTURULMUŞTUR.

TAPU KAYIT BİLGİSİ

Zemin Tipi:	AnaTasinmaz	**Ada/Parsel:**	132/647
Taşınmaz No	122968045	**AT Yüzölçüm(m2):**	33057,17
İl/İlçe	İZMİR/BAYINDIR	**Bağ.Böl Nitelik:**	
Kurum Adı	Bayındır/BAYINDIR	**Blok/Kat/Giriş/BBNo:**	
Mahalle/Köy Adı:	YAKAPINAR M	**Arsa Pay/Payda:**	
Mevkii:	HARDAL YURDU	**Ana Taşınmaz Nitelik:**	Arsa
Cilt/Sayfa No:	35/3371	**Kayıt Durum:**	Aktif

MÜLKİYET BİLGİLERİ

Hisse No	Malik	El Birliği No	Hisse Pay/Payda	Metrekare	Toplam Metrekare	Edinme Sebebi-Tarih-Yevmiye	Terkin Sebebi-Tarih-Yevmiye
681300514	(SN:47) MALİYE HAZİNESİ VKN:6110312806	0	1.000/1.000	33057,17	33057,17	Malikin Talebiyle/Belediye ve Mücavir Alan Sınırları İçinde-16.08.2022 14:44:57-13281	-

BU BELGE E-BELEDİYE BİLGİ SİSTEMİ ÜZERİNDEN Ali ŞENKAYA TARAFINDAN 22.11.2022 11:34:52 OLUŞTURULMUŞTUR.

ANNEX 4

PROJECT AREA PHOTOS

ANNEX 5

PROJECT AREA TRANSPORTATION ROAD ROUTE

ANNEX 6

ELECTRICITY TRANSMISSION LINE ROUTE

ANNEX 7

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 3 weeks. 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 518 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)** = [1.218 m^3 x 1,7 tons/m^3 x 0,0125 kg/ton] / [21 days x (12 h/day)]

= **0,103 kg/hour**

Uncontrolled

Dust Emission **(E_1)** = [1.218 m^3 x 1,7 tons/m^3 x 0,025 kg/ton] / [21 days x (12 h/day)]

= **0,205 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 1.218 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 = 1.218 m^3 / 3 m **= 406 m² = 0,4 ha**

Controlled

Dust Emission **(E_2)** = 0,4 ha x 2,9 kg/ha.day x (1 day/24 hours)
= 1,16 kg/hour

Uncontrolled

Dust Emission **(E_2)** = 0,4 ha x 5,8 kg/ha.day x (1 day/24 hours)
= 2,32 kg/hour

Total Emission (Controlled); **= E_1 + E_2**
= 0,103 + 0,205
= 0,308 kg/hour

Total Emission (Uncontrolled); **= E_1 + E_2**
= 1,16 + 2,32
= 3,48 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 3,48 kg/hour, air quality modeling was not needed within the scope of the construction phase of the project.

ANNEX 8

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;

(Calculations are made for 2 excavator, 1 auger and 5 trucks)

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 (62,4%)

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 Noise Level Distribution in line with Distance

Distance (m)	25	50	100	200	300	500	750	1.000
L_{eq}	37.7	35.1	30.9	25.0	25.0	-	-	-

ANNEX 9

CONNECTION AGREEMENT

Evrak Tarih ve Sayısı: 31/12/2020-72546

GDZ ELEKTRİK DAĞITIM

GDZ ELEKTRİK DAĞITIM A.Ş.
Genel Müdürlük
Üniversite Cad. No: 57
Bornova 35042 İzmir
T: 0232 477 26 00
F: 0232 435 13 92
bilgi@gdzelektrik.com.tr
www.gdzelektrik.com.tr

Sayı : **GM-PTD-YPPM-**
Konu : Bayındır Belediye Başkanlığı Yakapınar Ges Bağlantı Görüşü Hk.

UYUM PROJE MÜHENDİSLİK
Korkutreis Mah. Hanımeli Sk. No:20/8 Çankaya/ANKARA

İlgi : a) 06/08/2020 tarihli ve 42052 sayılı yazı
b) 10/12/2020 tarihli ve Bila sayılı yazı,

İlgi b) yazı ile İzmir İli, Bayındır İlçesi, Yakapınar Mahallesi, 132 Ada 82 Parselde kurulacak Bayındır Belediye Başkanlığına ait 1740 kWe kurulu gücündeki GES lisanssız elektrik üretim santralinin şebeke bağlantı noktası 3X3AWG iletkenli Yakapınar TR-3 ENH'ının A9 nolu direğinin, Elektrik Kuvvetli Akım Tesisleri Yönetmeliği'nde belirtilen yaklaşım mesafelerini sağlamaması nedeniyle direk tipinde değişiklik talep edilmiştir.

Şirketimizce yapılan incemeler neticesinde ilgi a) Çağrı Mektubu'nda belirtilen söz konusu GES tesisinin şebeke bağlantı noktasında bulunan direğin tip değişikliği Elektrik Proje Onay Yönetmeliği'ne uyulması koşuluyla uygun görülmüştür.

Gereğini bilgilerinize rica ederiz.

e-imzalıdır
Ülfet TÜRKMEN
Yatırım Planlama ve Proje Müdürü

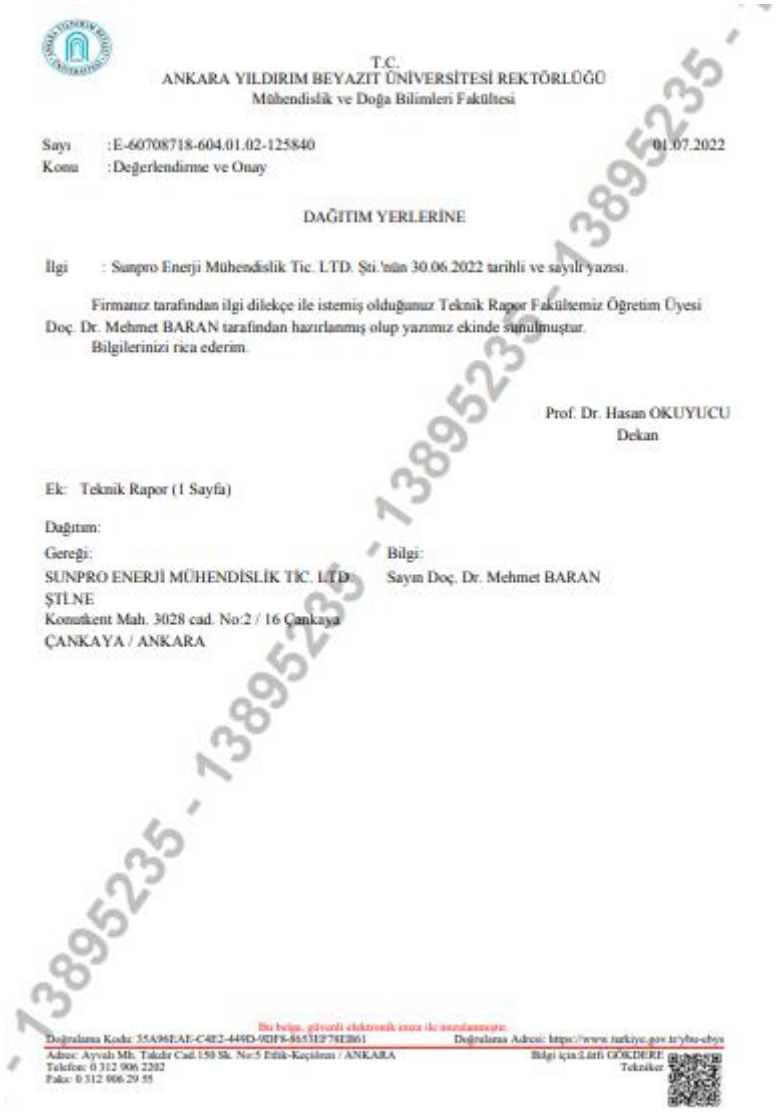
e-imzalıdır
Melih PEHLİVANOĞLU
YG Bağlantı Görüşü ve Proje Yöneticisi

Evrak Pin Kodu : 43802
Evrakı Doğrulamak İçin :
http://dogrula.gdzelektrik.com.tr/enVision.Sorgula/BelgeDogrulama.aspx?V=BENNA2BPA

Ayrıntılı bilgi için irtibat : Erdem ALDEVİR
E-posta : erdem.aldevir@gdzelektrik.com.tr

ANNEX 10

SPP ALUMINUM AND STEEL CARRIER SYSTEM STATIC CALCULATION REPORT



T.C.
ANKARA YILDIRIM BEYAZIT ÜNİVERSİTESİ REKTÖRLÜĞÜ
Mühendislik ve Doğa Bilimleri Fakültesi

Sayı : E-60708718-604.01.02-125840 01.07.2022
Konu : Değerlendirme ve Onay

DAĞITIM YERLERİNE

İlgi : Sunpro Enerji Mühendislik Tic. LTD. Şti.'nün 30.06.2022 tarihli ve sayılı yazısı.

Firmanız tarafından ilgi dilekçe ile istemiş olduğunuz Teknik Rapor Fakültemiz Öğretim Üyesi Doç. Dr. Mehmet BARAN tarafından hazırlanmış olup yazımız ekinde sunulmuştur.
Bilgilerinizi rica ederim.

Prof. Dr. Hasan OKUYUCU
Dekan

Ek: Teknik Rapor (1 Sayfa)

Dağıtım:
Gereği:
SUNPRO ENERJİ MÜHENDİSLİK TİC. LTD. ŞTİ.NE
Konutkent Mah. 3028 cad. No:2 / 16 Çankaya
ÇANKAYA / ANKARA

Bilgi:
Sayın Doç. Dr. Mehmet BARAN

Bu belge, güvenli elektronik imza ile imzalanmıştır.
Doğrulama Kodu: 35A96EAE-C4E2-449D-9DF8-8653E278E861 Doğrulama Adresi: https://www.turkiye.gov.tr/ybu-ebys
Adres: Ayvalı Mh. Takdir Cad.150 Sk. No:5 Etlik-Keçiören / ANKARA
Telefon: 0 312 906 2202
Faks: 0 312 906 29 55
Bilgi için:Lütfi GÖKDERE
Tekniker

T.C.
ANKARA YILDIRIM BEYAZIT ÜNİVERSİTESİ
Mühendislik ve Doğa Bilimleri Fakültesi
İnşaat Mühendisliği Bölümü

15 Temmuz Yerleşkesi-Ayvalı Mah. Takdir Caddesi 150 Sk. No:5 Etlik-Keçiören/ANKARA
Tel: 0. 312. 906 22 22

TEKNİK İNCELEME RAPORU

İlgi: Sunpro Enerji Mühendislik Tic. Ltd. Şti. adına İnşaat Mühendisi Soner Başaran'ın 30.06.2022 tarihli yazısı.

Tesis edilmesi planlanan aşağıda isim ve özellikleri listelenmiş güneş enerji santrallerine ait statik hesap ve uygulama projeleri incelenmek ve onaylanmak üzere tarafıma sunulmuştur.

FİRMA ADI	SANTRAL ADI	SANTRAL GÜCÜ	İLİ	İLÇESİ	MAHALLE/KÖY
BAYINDIR BELEDİYE BAŞKANLIĞI	YAKAPINAR GES	1760 kWe	İZMİR	BAYINDIR	YAKAPINAR
NURİ DEMİR	NURİ DEMİR GES	9 kWe	ANKARA	BEYPAZARI	TAHTTİN
FARA DIŞ TİCARET PLASTİK OTOMOTİV SAN. LTD. ŞTİ.	FARA GES TESİSİ	300 kWe	KONYA	KARATAY	FEVZİÇAKMAK
VİTRA KARO SAN. VE TİC. A.Ş.	VİTRA KARO GES	3400 kWe	BİLECİK	BOZÜYÜK	YENİ
ECZACIBAŞI YAPI GEREÇLERİ A.Ş.	SSG GES	3900 kWe	BİLECİK	BOZÜYÜK	YENİ
KOCAER ÇELİK SAN. VE TİC. A.Ş.	KOCAER GALVANİZ GES KURULU GÜÇ ARTIŞI	1149,60 kWe	İZMİR	ALİAĞA	BOZKÖY
HANE HAYVANCILIK İNŞAAT ORMAN ÜRÜNLERİ TİC. VE SAN. LTD. ŞTİ.	HANE TARIM GES	240 kWe	KASTAMONU	TAŞKÖPRÜ	AŞAĞI ÇAYBICIK
KASTAMONU İL MİLLİ EĞİTİM MÜDÜRLÜĞÜ	AZDAVAY 75. YIL CUMHURİYET YATILI BÖLGE ORTAOKULU GES	10 kWe	KASTAMONU	AZDAVAY	YENİ
KASTAMONU İL MİLLİ EĞİTİM MÜDÜRLÜĞÜ	PINARBAŞI ŞEHİT RAMAZAN AKKAYA YİBO GES	5 kWe	KASTAMONU	PINARBAŞI	CUMHURİYET
DOST POMPA DİZEL YAKIT SİS. OTO. PET. TAŞ. TEKS. SAN. VE TİC. LTD. ŞTİ.	DOST POMPA GES	96 kWe	KAHRAMANMARAŞ	DULKADİROĞLU	ŞEYH ADİL
GÜBRE FABRİKALARI T.A.Ş.	GÜBRE FABRİKALARI T.A.Ş. GES	240 kWe	SAMSUN	ATAKUM	KAMALI

Adı geçen Güneş Enerji Santrallerinin projelerinde belirtilen malzemeler kullanılarak oluşturulan GES taşıyıcı sistemleri tarafımca uygun bulunmuş, GES alt konstrüksiyon sistemlerinin yapısal hesaplamalarında kullanılan yük değerleri (kar ve rüzgar yükleri), malzeme özellikleri, uygulanan yöntemler, hesaplanan ölçü ve kesit boyutları ve elde edilen sonuçlar bilimsel ve teknik açıdan tarafımca uygun bulunarak onaylanmıştır.

Doç. Dr. Mehmet BARAN
Mühendislik ve Doğa Bilimleri Fakültesi
İnşaat Mühendisliği Bölümü Öğretim Üyesi

ANNEX 11

GRIEVANCE FORM

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

Person Filling Out the Form:	Date and time:
Inteviev Agenda:	Reference No: Bayındır Municipality-Project Code-0001-2..
1. INFORMATION ABOUT THE COMPLAINANT	
Name surname: *If the complainant requests that this complaint be treated anonymously, this complaint will be recorded anonymously and the request will be met.*	**How received the Grievance:**
TC Identification number:	Telephone / Toll Free Line ☐
Telephone:	Face to Face Meeting ☐
Address:	Website / Email ☐
Email:	Other (Explain) ☐

Stakeholder Type				
Public ☐	PAP ☐	Private Enterpris ☐	Trade Association ☐	NGO ☐
Interest Groups ☐	Industrial Assosiaction ☐	Labor Union ☐	Media ☐	University ☐

2. DETAILED INFORMATION ABOUT THE GRIEVANCE	
Description of the grievance:	

Solution method requested by the complainant	
Registrant Name Surname/Signature	**Complainant Name Surname/Signature**

ANNEX 12

INFORMATION LETTER ON STARTING WORK

Dear Yakapınar Neighborhood Residents,

The streets in your village are also covered within the scope of the approved project for the Solar Power Plant work being built by Bayındır Municipality. There are.

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 Bayındır Municipality 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 13

GRIEVANCE CLOSE OUT FORM

BAYINDIR BELEDİYESİ	BAYINDIR MUNICIPALITY **SOLAR POWER PLANT PROJECT**
	GRİEVANCE CLOSE OUT FORM
Reference form:	

1. DETERMİNATİON OF CORRECTIVE ACTION	
1	
2	☐
3	☐
4	☐
5	☐

2. CLOSE OUT THE GRIEVANCE	
This section will be filled and signed by the Complainant in case the grievance stated in the "Grievance Registration Form" is resolved	
Name Surname / Signature of the Person Closing the Complaint/Date	**Name Surname / Signature of Complainant/Date**

ANNEX 14

CONSULTATION FORM

	BAYINDIR MUNICIPALITY **SOLAR POWER PLANT PROJECT**
	CONSULTATION FORM

Person Filling Out the Form:	Date timeand place:
Meeting Agenda:	Interview Registration Number: Bayındır 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

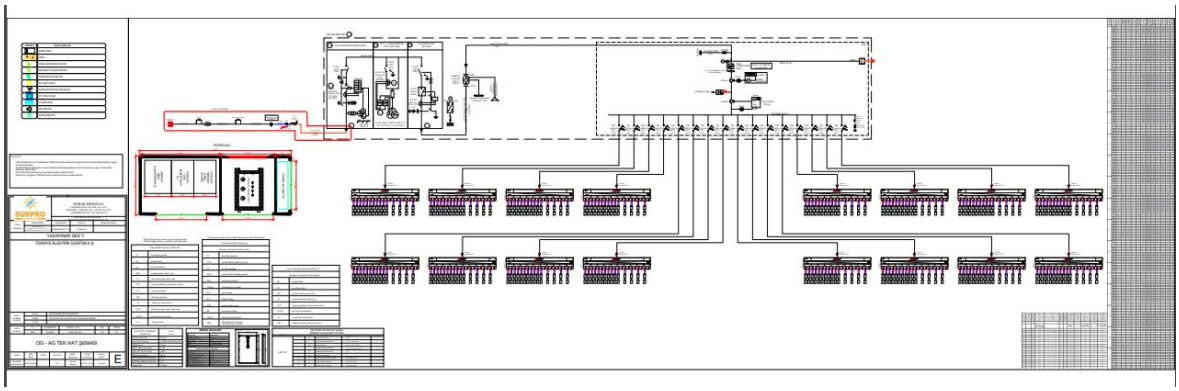
State agency ☐	PEB ☐	Private Enterpris ☐	Job Room ☐	NGO ☐
Interest Groups ☐	Industrial Unions ☐	Labor Union ☐	Media ☐	University ☐

2. INTERVIEW DETAILS (List of Invitees and actual participants, Summary of presentations made by whom, minutes of meeting will be annexes of this form.)	
Questions about the project:	

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

ANNEX 15

LINE DIAGRAM



ANNEX 16

EIA NOT NECESSARY DECISION

T.C.

ÇEVRE ve ŞEHİRCİLİK BAKANLIĞI

Çevresel Etki Değerlendirmesi, İzin ve Denetim Genel Müdürlüğü

İZMİR VALİLİĞİ

Çevre ve Şehircilik İl Müdürlüğü

Karar Tarihi : 29/01/2020
Karar No : 48657465 220-02. E-202030

ÇEVRESEL ETKİ DEĞERLENDİRME (ÇED) BELGESİ

25.11.2014 tarih ve 29186 sayılı Resmi Gazetede yayımlanarak yürürlüğe giren Çevresel Etki Değerlendirmesi Yönetmeliği'nin Ek-2 listesinde yer alan ***" Güneş Enerji Santrali (1,7 MWe)"*** projesi ile ilgili olarak inceleme-değerlendirme yapılmış ve proje tanıtım dosyasındaki çevresel etkilere karşı alınması öngörülen önlemler yeterli görülmüştür. Ayrıca ÇED Raporu hazırlanmasına gerek bulunmadığı tespit edilmiş olup söz konusu proje için ÇED Yönetmeliğinin 17. maddesi gereğince Valiliğimizce **"Çevresel Etki Değerlendirmesi Gerekli Değildir Kararı"** verilmiştir.

Osman Nuri KANATAN
Vali Yardımcısı

Proje Sahibi : Bayındır Belediyesi
Projenin Yeri: İzmir İli, Bayındır İlçesi, Yakapınar Mahallesi, L19-D-01-C-4 pafta, 132 ada, 82 parsel
Projenin Kapasitesi: 1,7 MWe

T.C.
İZMİR VALİLİĞİ
Çevre ve Şehircilik İl Müdürlüğü

Sayı : 48657465-220.02-E.10592 — 31.01.2020

Konu : ÇED Gerekli Değildir Kararı
(Bayındır Belediyesi)

DAĞITIM YERLERİNE

İlimiz, Bayındır İlçesi, Yakapınar Mahallesi, L19-D-01-C-4 pafta, 132 ada, 82 parsel içerisinde 37.447,69 m2 lik alanda, ***Bayındır Belediyesi*** tarafından yapılması planlanan ***"Güneş Enerji Santrali (1,7 MWe)"*** projesi için hazırlanan ve Müdürlüğümüze sunulan proje tanıtım dosyası incelenmiş, değerlendirilmiş ve söz konusu proje için ÇED Yönetmeliğinin 17. maddesi gereğince ***29.01.2020 tarih ve E-202030*** numaralı belge ile ***"Çevresel Etki Değerlendirmesi Gerekli Değildir"*** kararı verilmiştir.

Söz konusu projeye ilişkin olarak hazırlanan Proje Tanıtım Dosyası ve eklerinde belirtilen hususlar ile 2872 sayılı Çevre Kanunu ve bu Kanuna istinaden yürürlüğe giren ilgili yönetmeliklere uyulması, mer'i mevzuat uyarınca ilgili kurum/kuruluşlardan gerekli izinlerin alınması, ayrıca projede yapılması planlanan değişikliklerin Müdürlüğümüze iletilmesi gerekmektedir.

Bilgilerinizi ve gereğini rica ederim.

Ömer ALBAYRAK
Çevre ve Şehircilik İl Müdürü

Ek : ÇED Gerekli Değildir" Belgesi (1 sayfa)

Dağıtım:

Gereği:	Bilgi:
BAYINDIR BELEDİYE BAŞKANLIĞINA MITHATPAŞA MAHALLESİ ATATÜRK CADDESİ NO:32 Bayındır/ İZMİR	MARE ÇEVRE DAN. MÜHENDİSLİK TİC. LTD. ŞTİ.NE(Ek konulmadı) Halit Ziya Bul. No:72 (1353 Sok. No:1) D:413 Konak İZMİR

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Evrak Doğrulama Kodu : JAQCPBCA [illegible]
Tel : (232) 341 68 00 KEP Adresi : izmirccevreveşehircilik@hs01.kep.tr
Fax : (232) 503 93 93 İnternet Adresi : izmir.csb.gov.tr
Adalet Mah. Anadolu Cad. No : 41/2 Bayraklı/İZMİR E-posta : izmir@csb.gov.tr

Bilgi için: Mehmet Salih ÇAVUŞOĞLU
İnşaat Mühendisi
Telefon No:(232) 341 68 00-2488

ANNEX-17

Existing Permitting Documentation

T.C.
BAYINDIR BELEDİYE BAŞKANLIĞI
İmar ve Şehircilik Müdürlüğü

Sayı : 15481264-115.01.06 -E.9381 09.09.2019

Konu : Yakapınar Mahallesi, 132 ada 82 parsel, Güneş Enerji Santrali.

İZMİR 1 NUMARALI KÜLTÜR VARLIKLARINI KORUMA BÖLGE KURULU MÜDÜRLÜĞÜNE

İlçemiz Yakapınar Mahallesi 132 ada 82 parsel numaralı, 95.613,02 m² büyüklüğündeki, mülkiyeti Maliye Hazinesine ait taşınmaz üzerinde "Yenilenebilir Enerji Kaynaklarına Dayalı Üretim Tesis Alanı (GES)" kurulması planlanmakta olup söz konusu parselin 37.447,69 m²'lik kısmı 5018 sayılı Kanunun 47 nci maddesi ile 1 nolu Cumhurbaşkanlığı Teşkilatı Hakkında Cumhurbaşkanlığı Kararnamesinin 101 inci maddesinin (ç) bendi uyarınca, Çevre ve Şehircilik Bakanlığı Milli Emlak Genel Müdürlüğü'nün 17.07.2019 tarih ve 164638 sayılı oluru ile Belediyemize tahsis edilmiştir.

Bu kapsamda Yakapınar Mahallesi 132 ada 82 parsel numaralı taşınmazın, 37.447,69 m²'lik kısmında kurulması planlanan Güneş Enerji Santraline ilişkin hazırlanacak olan 1/5000 ölçekli Nazım İmar Planı ve 1/1000 ölçekli Uygulama İmar Planı çalışmalarına esas olmak üzere kurumunuz görüşünün Mekânsal Planlar Yapım Yönetmeliği'nin 8 inci maddesi uyarınca gerekli değerlendirmenin yapılarak Belediyemize gönderilmesi hususunda;

Gereğini rica ederim.

e-imzalıdır
Uğur DEMİREZEN
Belediye Başkanı

Ek : 1. Aplikasyon Krokisi (1 sayfa)
2. Tahsis Edilen Alana İlişkin Kroki (1 sayfa)

09.09.2019

Mithatpaşa Mah. Atatürk Cad. No:32 Bayındır/İZMİR Bilgi İçin : Nihat ONS
Tel:02325815000 Fax:02325817434 Elektronik Ağ: http://bayindir.bel.tr/
imarsehircilik@bayindir.bel.tr

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

GÖBEKLİTEPE
TARİHİN SIFIR NOKTASI

T.C.
İZMİR VALİLİĞİ
İl Kültür ve Turizm Müdürlüğü
Yatırımlar Şube Müdürlüğü

Sayı : 97366504-307.02.99-E.778875 23.09.2019
Konu : Yakapınar Mahallesi 132 ada 82 parsel

BAYINDIR BELEDİYE BAŞKANLIĞINA İzmir

İlgi : 12.09.2019 tarihli ve 96754450-9381 sayılı yazınız.

İlgi yazı ile Yakapınar Mahallesi, 132 ada, 82 parsel numaralı, 95.613,02 m2 büyüklüğündeki, mülkiyeti Maliye Hazinesine ait taşınmaz üzerinde "Yenilenebilir Enerji Kaynaklarına Dayalı Üretim Tesis Alanı (GES)" kurulması planlandığı belirtilerek taşınmazın Bayındır Belediyesine tahsisli, 37.447,69 m2'lik kısmında kurulması planlanan Güneş Enerji Santraline ilişkin hazırlanacak olan 1/5000 ölçekli Nazım İmar Planı ve 1/1000 ölçekli Uygulama Imar Planı çalışmalarına esas olmak üzere kurumumuzun görüşü talep edilmiştir.

Konuya ilişkin Bakanlığımızın (Yatırım ve İşletmeler Genel Müdürlüğü) görüşü ekte gönderilmektedir.

Bilgilerinizi ve gereğini rica ederim.

e-imzalıdır
Murat KARAÇANTA
Vali a.
İl Kültür ve Turizm Müdür V.

Ek : Yatırım ve İşletmeler Genel Müdürlüğü'nün 20/09/2019 tarihli 35698499-307.02.99[005]-E.774391 sayılı yazısı. (1 sayfa)

T.C.
BAYINDIR BELEDİYESİ
SAYI: 10433
TARİH: 02.10.2019
GEREĞİ: İmar ve Şehmd
Havale Yetkilisi İMZA

Bu Evrakın 5070 sayılı Kanun gereğince E-İmza ile imzalandığı tasdik olunur 23.09.2019

Yüksel AĞIÇ
Memur

Sefa KAPLAN
Yazı İşleri Müdürü

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Evrak Doğrulama Kodu : IUJGINTAVYPMOFFPOCEV Evrak Takip Adresi: http://belgedogrulama.kultur.gov.tr/
Adres :Akdeniz Mahallesi, 1344 Sokak, No: 2, 35210 Pasaport/İZMİR
Tel. : (0232) 483 51 17 – 483 62 16 (Sant.) Fax : 483 42 70
Web : www.izmir.ktb.gov.tr e-posta : iktm35@ktb.gov.tr

İmar ve Şeh. Müd.
Sayı Türkiye 11.01.06
Tarih :

Bilgi için:Nihan ÖZZENGİN
Şehir Plancısı
☑ Nilsu ☐ Erman
☐ Ergün ☐ Hasan
☐ Özlem ☐ Efe
☐ Gürkan ☐ Ayşe
☐ Aykut ☐ Doğukan

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GÖBEKLİTEPE
TARİHSEL SİT ALANI

T.C.
KÜLTÜR VE TURİZM BAKANLIĞI
Yatırım ve İşletmeler Genel Müdürlüğü

Sayı : 35698499-307.02.99[005]-E.774391 20.09.2019
Konu : İzmir İli, Bayındır İlçesi, Yakapınar Mah. 132 ada, 82 Parsel Görüş Talebi

İZMİR VALİLİĞİNE
(İl Kültür ve Turizm Müdürlüğü)

İlgi : 13.09.2019 tarihli ve E.753497 sayılı yazımız.

İlgi yazınız ile İzmir İli, Bayındır İlçesi,Yakapınar Mahallesi 132 ada 82 parsel numaralı, 95.613,02 m^2 büyüklüğündeki, mülkiyeti Maliye Hazinesine ait taşınmazın Bayındır Belediyesine tahsisli, 37.447,69 m^2'lik kısmında "Yenilenebilir Enerji Kaynaklarına Dayalı Üretim Tesis Alanı (GES)" kurulmasının planlandığı belirtilerek, kurulması planlanan Güneş Enerji Santraline ilişkin hazırlanacak olan 1/5000 ölçekli Nazım imar Planı ve 1/1000 ölçekli Uygulama İmar Planı çalışmalarına esas olmak Bakanlığımız görüşü talep edilmektedir.

İlgi yazınıza konu mülkiyetin bulunduğu alan 2634 sayılı Turizmi Teşvik Kanunu uyarınca ilan edilen herhangi bir Turizm Merkezi veya Kültür ve Turizm Koruma ve Gelişim Bölgesi sınırları içinde kalmamaktadır. Söz konusu alanda Genel Müdürlüğümüzce yürütülen herhangi bir çalışma bulunmamaktadır.

Bilgilerinizi ve gereğini rica ederim.

e-imzalıdır
Şennur ALDEMİR DOĞAN
Bakan a.
Genel Müdür Yardımcısı

Not: 5070 sayılı Elektronik İmza kanunu gereği bu belge elektronik imza ile imzalanmıştır.

İsmet İnönü Bulvarı No:32 Emek Çankaya/ANKARA
Telefon No : (312) 470 80 00 Belgegeçer No : (312) 212 83 94
e-posta : ygplanlama@kultur.gov.tr internet adresi : www.kultur.gov.tr

Bilgi için:Taner PİRİ
Kültür ve Turizm Uzmanı
Telefon No:(312) 470 75 30

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GÖBEKLİTEPE
TARİHİN SIFIR NOKTASI

T.C.
KÜLTÜR VE TURİZM BAKANLIĞI
Kültür Varlıkları ve Müzeler Genel Müdürlüğü
İzmir 1 Numaralı Kültür Varlıklarını Koruma Bölge Kurulu Müdürlüğü

Sayı : 66017023-165.99-E.963006 21.11.2019

Konu : Bayındır İlçesi Yakapınar Mah 132 Ada 82 Parsel hk.(35.01/419)

BAYINDIR BELEDİYE BAŞKANLIĞINA

İlgi : a) 09.09.2019 tarihli ve 9381 sayılı yazınız.
b) 04.11.2019 tarihli ve 66017023-165.99-E.904363 sayılı yazımız.

İzmir İli, Bayındır İlçesi, Yakapınar Mahallesi, 132 ada, 82 parselde kayıtlı taşınmazda kurulması planlanan güneş enerji santraline ilişkin hazırlanacak olan 1/5000 ölçekli nazım imar planı ve 1/1000 ölçekli uygulama imar planına esas olacak kurum görüşümüzün istendiği ilgi (a) yazı ve ekleri incelenmiştir.

İzmir İli, Bayındır İlçesi, Yakapınar Mahallesinde,Güneş Enerj Santrali yapımı planlanan 132 ada, 82 parselde kayıtlı taşınmaza ilişkin Müdürlük arşivinde ve 12.11.2019 tarihinde yerinde yapılan incelemede, 2863 sayılı yasa kapsamında değerlendirilebilecek herhangi bir kültür varlığına rastlanılmadığı, ayrıca tespit ve tescili yapılmış herhangi bir arkeolojik kentsel, tarihi sit veya kültür varlığı koruma sınırı içerisinde kalmadığı anlaşılmıştır. Ancak alanda yapılacak olan çalışmalar sırasında herhangi bir kültür varlığına rastlanılması halinde uygulamanın derhal durdurularak en yakın Mülki İdare Amirliğine veya Müze Müdürlüğü'ne haber verilmesinin 2863 sayılı yasanın 4.maddesi gereğince zorunlu olduğu hususunda gereğini bilgilerinize arz ederim.

Asiye Mehtap GÜNGEN
Müdür V.

İmar ve Şeh. Müd.
Sayı : 115.01.06
Tarih :

☐ Nilay ☐ Erman
☐ Ergün ☐ Hasan
☐ Özlem ☐ Efe
☐ Gürkan ☐ Ayşe
☐ Aykut ☐ Dosyasına

T.C.
BAYINDIR BELEDİYESİ
SAYI: 12463
TARİH: 25.11.2019
GEREĞİ: İmar ve Şeh. Md.
Havale Yetkilisi İMZA
Sefa KARLAN
Yazı İşleri Müdürü

Not: 5070 sayılı Elektronik İmza kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Umurbey Mah. 1491 Sok.No:4/A KONAK/İZMİR
Tel: (0232) 489 00 81 / 489 38 44
Fax: (0232) 483 25 84

Bilgi için:İsmail Cem ÇAKMAK
Harita Mühendisi
Telefon No:(232) 489 00 81-133

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T.C.
BAYINDIR BELEDİYESİ
SAYI: 9724
TARİH: 17.09.2019
GEREĞİ: İmar ve Şeh. Md.
Havale Yetkilisi İMZA

T.C.
İZMİR VALİLİĞİ
İl Tarım ve Orman Müdürlüğü

Sayı :67970180-230.04.02[230.04.02]-E.2807363 16.09.2019
Konu :Bayındır/Yakapınar Mh. 132 Ada, 82 Parselde G.E.S. Yapımı Hk. Görüş

T. Tanju KOŞAR
Yazı İşleri. Md. V.

BAYINDIR BELEDİYE BAŞKANLIĞINA
(İmar Ve Şehircilik Müdürlüğü)

İlgi : a) Belediyeniz Etüt ve Prj. Müd.'nün 15.08.2019 tarih ve E-8485 sayılı yazısı.
b) 19.08.2019 tarih ve E-2490378 sayılı yazımız.
c) 09.09.2019 tarihli ve 96754450-9380 sayılı yazınız.

İlgi (c)'de kayıtlı yazınızda, mülkiyeti Maliye Hazinesine ait olan ancak İzmir Çevre ve Şehircilik İl Müdürlüğü tarafından Belediye Başkanlığınıza tahsis onayı yapılmış bulunan İlçeniz Yakapınar Mahallesi, Hardalyurdu Mevki, 132 ada, 82 parselde, ham toprak vasfı ile kayıtlı 9,5613 hektar alanın 3,7447 hektar kısmında, Belediye Başkanlığınıza ait olmak üzere "Güneş Enerji Santrali Tesisi, Tesise Ait ENH, Trafo Köşk, Depolama Alanı ve Personel Binası" yapılmak istendiği belirtilerek, bahse konu araziye ilişkin Müdürlüğümüz görüşü istenmiştir. Aynı konu hakkında daha önce Belediye Başkanlığınızın Etüt ve Planlama Müdürlüğü tarafından ilgi (a)'da kayıtlı yazı ile Müdürlüğümüzden Kurum görüşü istenmiş olup, ilgi (b)'de kayıtlı yazımızla da konuya ilişkin olarak Müdürlüğümüz tarafından görüş verilmiştir. İlgi (b) Müdürlüğümüz görüş yazısında; "ham toprak niteliğinde olduğu belirtilen taşınmaz alanının, -Diğer (Hali/Terk) Arazi- nitelik sınıfında değerlendirilen alanlardan olduğu, bu nedenle alanın Bakanlığımızın 26.04.2018 tarih ve E-1167396 sayılı Tarım Arazilerinin Korunması, Kullanılması ve Planlanmasına Dair Uygulama Talimatı'nın 9/(9) Md. ile 5403 sayılı Toprak Koruma ve Arazi Kullanımı Kanunu'nun 3/(i) Md. doğrultusunda, anılan 5403 sayılı Toprak Koruma ve Arazi Kullanımı Kanunu kapsamı dışında olduğu, netice itibariyle de Müdürlüğümüzce yapılacak herhangi bir işlem bulunmadığı, ancak Belediye Başkanlığınızca yürütülmekte olan İzmir-Manisa Planlama Bölgesi 1/100.000 Ölçekli Çevre Düzeni Planı 8.7.12. Md.'de Tarım İl Müdürlüğü'nün 5403 sayılı "Toprak Koruma ve Arazi Kullanımı Kanunu kapsamında görüş veremediği alanlar için, bu plan hükümlerinin 8.7.21. Md.'deki -marjinal tarım arazileri- hükümlerinin uygulanacağının belirtildiği, ayrıca parselin 4342 sayılı Mera Kanunu kapsamındaki alanlardan olması durumunda, 4342 sayılı Mera Kanunu gereği, Başkanlığınızca İzmir Valiliği İl Mera Komisyon Başkanlığına da müracaat edilerek, 4342 sayılı Mera Kanunu'nun 14. Md. (d) bendi kapsamında bahse konu alan için

İmar ve Şeh. Müd.
Sayı: 117.21.06

Nilay, Ergün, Özlem, Gürkan, Erman, Hasan, Efe, Ayşe, Dosyasına

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

İzmir İl Tarım ve Orman Müdürlüğü Kazım Dirik Mahallesi Sanayi Caddesi No:34
35100 Bornova / İZMİR
Tel: (0232) 435 10 02 Faks: (0232) 462 24 93
E-Posta: izmir@tarim.gov.tr Kep: izmir@gthb.hs01.kep.tr

Bilgi için: Cihangir YILMAZ
Mühendis

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T.C.
İZMİR VALİLİĞİ
İl Tarım ve Orman Müdürlüğü

Sayı :67970180-230.04.02[230.04.02]-E.2807363 16.09.2019
Konu :Bayındır/Yakapınar Mh. 132 Ada, 82 Parselde G.E.S. Yapımı Hk. Görüş

tahsis amacı değişikliği talebinde bulunulması gerektiği" belirtilmiştir. Konu hakkında ilgi (b) yazımızla verilen görüş aynı şekilde geçerli olup, Müdürlüğümüz görüşünde herhangi bir değişiklik bulunmamaktadır.

Bilgilerinizi ve gereğini rica ederim.

Cemil ÇUMAK
İl Müdürü a.
İl Müdürü Yardımcısı

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

İzmir İl Tarım ve Orman Müdürlüğü Kazım Dirik Mahallesi Sanayi Caddesi No:34
35100 Bornova / İZMİR
Tel: (0232) 435 10 02 Faks: (0232) 462 24 93
E-Posta: izmir@tarim.gov.tr Kep: izmir@gthb.hs01.kep.tr

Bilgi için:Cihangir YILMAZ
Mühendis

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T.C.
ORMAN GENEL MÜDÜRLÜĞÜ
İzmir Orman Bölge Müdürlüğü

Sayı : 76086698-754-E.2040579 — 07.10.2019

Konu : Yakapınar Mahallesi, 132 ada 82 parsel, Güneş Enerji Santrali -14/01-1292

BAYINDIR BELEDİYE BAŞKANLIĞINA
(İmar Ve Şehircilik Müdürlüğü)
Bayındır / İZMİR

İlgi : 09.09.2019 tarih ve 15481264-115.01.06-E.9381 sayılı yazımız.

İlgi yazımız gereği; İzmir İli, Bayındır İlçesi, Yakapınar Mahallesi 132 ada 82 parsele ilişkin 1/5000 ölçekli Nazım İmar Planı ve 1/1000 Ölçekli Uygulama İmar Planı çalışmalarına esas, Kurum görüş talebiniz incelenmiştir.

İnceleme sonucu; İzmir İli, Bayındır İlçesi, Yakapınar Mahallesi'nde orman kadastro çalışmaları yapılmış olup, Yakapınar Mahallesi 132 ada 82 parsel orman sınırları dışında kalmaktadır. Bu nedenle ilgili parselde 1/5000 ölçekli Nazım İmar Planı ve 1/1000 ölçekli Uygulama İmar Planı çalışmaları yapılmasında Kurumumuz çalışmaları açısından sakınca bulunmamaktadır.

Gereğini bilgilerinize arz ederim.

e-imzalıdır
Nurkan YONAR
Bölge Müdür Yardımcısı

İmar ve Şeh. Müd.
Sayı : 115.01.06
Tarih :

T.C. BAYINDIR BELEDİYESİ
Gelen Evrak Sayısı: 10756
Tarihi: 11.10.2019
Gönderildiği: İmar ve Şehir. Müd
Bilgi:

Bu Evrakın 5070 sayılı kanun gereğince E-imza ile imzalandığı tastik olunur 07/10/2019

Sefa KAPLAN
Yazı İşleri Müdürü

☒ Nilay ☐ Erman
☐ Ergün ☐ Hasan
☐ Özlem ☐ Efe
☐ Görkan ☐ Ayşe
☐ Aykut ☐ Dosyasına

Not: 5070 sayılı elektronik imza kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Kalitest

Evrak Doğrulama Kodu : NJQWGAVW Evrak Takip Adresi: https://www.turkiye.gov.tr/ogm-ebys
Kadastro ve Mülkiyet Şube Müdürlüğü Aksoy Mh. 1743 Sk No: 27 35580 Karşıyaka / İZMİR
Telefon No: 2323695055 Belge Geçer No:2323699749

Bilgi için:Halil KİREÇ
Bilgisayar İşletmeni

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T.C.
TARIM VE ORMAN BAKANLIĞI
4. Bölge Müdürlüğü

Sayı :28640755-045.01-E.3404754
Konu :Izmir Ili,Bayındır Ilçesi,Yakapınar Mahallesi,132 Ada,82 Parsel Günes Enerj Santrali

T.C.
BAYINDIR BELEDİYESİ
SAYI: 11794
TARİH: 06.11.2019
GEREĞİ: İmar ve Şeh. Md.
Havale Yetkilisi
İMZA

BAYINDIR BELEDİYE BAŞKANLIĞINA

Sefa KAPLAN
Yazı İşleri Müdürü

İlgi : 09.09.2019 tarih ve E.9381 sayılı yazınız.

İlgi yazıda; İzmir ili, Bayındır ilçesi, YakapınarMahallesi sınırları içerisinde 132 ada, 82 parselde Bayındır Belediyesi tarafından kurulması planlanan Güneşe Enerji Santraline ilişkin hazırlanacak olan 1/5.000 ölçekli Nazım ve 1/1.000ölçekli Uygulama İmar Planı çalışmalarına kurum görüşünün istenmektedir.

Yapılan inceleme sonucunda; söz konusu alan 2873 sayılı Milli Parklar Kanunu kapsamında yer alan korunan alanlarda (Milli Park, Tabiat Parkı, Tabiat Koruma Alanı, Tabiat Anıtı), 4915 sayılı Kara Avcılığı Kanunu kapsamındaki kısıtlı alanlarda (Yaban Hayatı Koruma ve Geliştirme Alanında) kalmamakta ve ilan edilmiş sulak alanlar içerisinde yer almamaktadır.

Ancak, kuşların çarpışma riskinin ortadan kaldırılması için kurulum sonrasında ortaya çıkan kablo, elektrik iletim hattı vb. malzemelerin yer altına alınması, güneş panelleri etrafında büyüyen otlarla mücadele için kesinlikle kimyasal ilaç ya da pestisit kullanılmaması, otlarla mücadele için doğal otlatma yapılması, proje kurulum çalışmalarının kuşların üreme dönemi olan 15 Şubat - 15 Haziran tarihleri dışında yapılması, çıkan hafriyatın doğal alanlara bırakılmaması, güneş panelleri kurulurken kuşlara yansıma yapmaması ve yapay ışık alanı özelliği göstermemesi için "mat" özellikli panellerin seçilmesi, paneller arasındaki mesafeler olası kuş çarpmalarını azaltacak şekilde en az 10-28 cm aralık içerecek şekilde olması gerekmektedir.

Yukarıda belirtilen hususlar ile Güneş Enerjileri için Doğa Koruma ve Milli Parklar Genel Müdürlüğü tarafından hazırlanan ve yazımız ekinde yer alan taahhütnamede yer alan hususların imar planına işlenmesi, ayrıca faaliyetin yapımına başlanmadan önce her bir faaliyet için ayrı ayrı düzenlenen noter onaylı taahhütnamenin Doğa Koruma ve Milli Parklar Genel Müdürlüğüne ve Bölge Müdürlüğümüze sunulması şartıyla faaliyetin yapılmasında kurumumuzca sakınca bulunmamaktadır.

Bilgilerinizi ve gereğini arz/rica ederim.

Kerim GENÇOĞLU

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Evrak Doğrulama Kodu : ZVEBXRTV Evrak Takip Adresi: https://www.turkiye.gov.tr/tarim-ve-orman-bakanligi-ebys
Tevfikiye Mahallesi 3808 Sokak No:2 PK:45010 MANİSA
Telefon: (0236) 237 10 61 - Belgegeçer: (0236) 237 08 03
İnternet adresi: http://bolge4.ormansu.gov.tr/

Bilgi için:Mustafa ÇARAMIK
Mühendis
Telefon No:(236) 237 10 61-330

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T.C.
TARIM VE ORMAN BAKANLIĞI
4. Bölge Müdürlüğü

Sayı :28640755-045.01-E.3404754
Konu :Izmir Ili,Bayındır Ilçesi,Yakapınar Mahallesi,132 Ada,82 Parsel Günes Enerj Santrali

Bölge Müdürü

Ek : GES TAAHUTNAMESİ (2 sayfa)

İmar ve Şeh. Müd.
Sayı : 115.21.26
Tarih :

Nilay	Erman
Ergün	Hasan
Özlem	Efe
Görkan	Ayşe
Aykut	Dosyasına

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

Evrak Doğrulama Kodu : ZVEBXRTV Evrak Takip Adresi: https://www.turkiye.gov.tr/tarim-ve-orman-bakanligi-ebys
Tevfikiye Mahallesi 3808 Sokak No:2 PK:45010 MANİSA
Telefon: (0236) 237 10 61 - Belgegeçer: (0236) 237 08 03
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Bilgi için:Mustafa ÇARAMIK
Mühendis
Telefon No:(236) 237 10 61-330

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ANNEX-18

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SUSTAINABLE CITIES PROJECT – II

OF ADDITIONAL FINANCING

BAYINDIR MUNICIPALITY

SOLAR POWER PLANT PROJECT

Minutes of Public Consultation Meeting

Meeting Date: 07.01.2025

Meeting Venue: Bayındır Municipality Yahya Kerim Onart Cultural Center

PUBLIC CONSULTATION MEETING

Bayındır Municipality SPP Project is among the subprojects within the scope of Sustainable Cities Project-II Additional Financing (SCP-II-AF), 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 07.01.2025 at 14:00 in the Bayındır Municipality Council Hall.

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

r.1 Meeting Summary

The Bayındır Municipality public consultation meeting started with the opening speech of Deputy Mayor 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 58 people attended the meeting, including 18 citizens, 11 mukhtars, and 29 municipality members, 13 of whom were women, 45 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.

r.2 Question and Answer Section

Question 1.	
Name / Occupation	Citizen
Do solar power plants harm the environment? If so, what are they?	
Answer 1.	
Name / Occupation	(CA Engineering)
Solar power plants are one of the renewable energy sources that harm nature the least. They do not release any harmful gases into the environment like fossil energy sources.	

Question 2.	
Name / Occupation	Personel of Bayındır Municipality
What can happen if the panels are not maintained?	
Answer 2.	
Name / Occupation	CA Engineering
Failure to clean the panels regularly can cause dust accumulation and snow accumulation in the winter months. This reduces the amount of energy to be produced, thus reducing efficiency. In addition, not only the panels but also the field should be cleaned regularly. Weeds growing in the field can cast shadows on the panels and efficiency may decrease.	

Question 3.	
Name / Occupation	Personel of Bayındır Municipality
What is the expected lifespan of the solar power plant and how the efficiency loss will be over time?	
Answer 3.	
Name / Occupation	CA Engineering
The sub-project has a lifespan of 30 years. During this period, efficiency may decrease by 0.5-1% each year. At the end of 25 years, the panels generally produce 80-85% of their initial efficiency.	

r.3 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 Bayındır Municipality SPP project, as well as the next stage of the project. The meeting was concluded after consultation with the participants' opinions and suggestions.

r.4 Participant List

PAYDAŞ KATILIM TOPLANTISI TUTANAĞI						
TOPLANTI KONUSU	SSP-II EF İzmir İli Bayındır Belediyesi Güneş Enerji Santrali Projesi Paydaş Katılım Toplantısı					
TOPLANTI YERİ /TARİH VE SAAT	Yahya Kerim Onart Kültür Merkezi-Bayındır / 07 OCAK 2025 SAAT: 14.00					
KATILIMCILAR	NO	İsim Soyisim	Meslek	Yerleşim Yeri	Telefon	İmza
	1		Büro Personeli	Sadıkpaşa		
	2		" "	Büyükler		
	3		Muhtar	Fırınlı		
	4		Muhtar	Yakacık		
	5		"	Söğütören		
	6		Emekli	Fatih		
	7		Muhtar	Alanköyü		
	8		"	Burucuk		
	9		"	Pınarlı		
	10		"	Yenice		
	11		Madenci	Bayındır		
	12		İBB Personel	Kurt		
	13		Çiftçi	Yakapınar		
	14		Yazıcı	Yakapınar		
	15		Meclis üyesi	Fatih		
	16		Muhtar	İbrahim Çavuş		
	17		"	Cırpı Camii		
	18		Şoförler Od. Bşk.	Yakapınar		
	19		Şoför	Bayındır		
	20		Şoför	Fırınlı		
	21		Memur	Sadıkpaşa		
	22		Çiftçi	Sadıkpaşa		
	23		Bayındır	Arıkbaşı		
	24		Avukat/Memur	Sadıkpaşa		
	25		Ev hanımı	Sadıkpaşa		
	26		Büro Personeli	Sadıkpaşa		
	27		Şoför	Fatih		
	28		Muhtar	Çanardibi		
	29		Memur	Fatih		
	30		Enerji Müh.	Sadıkpaşa		
	31		Güvenlik	Fatih		
	32		Memur	Hürriyet		
	33		Şoför	Elifli		
	34		Muhtar	Yusuflu		
	35		Müdür	Sadıkpaşa		
	36		Emekli Çiftçi	Karaaliler		
	37		Emekli	Sadıkpaşa		
	38		Personel	Cırpı Camii		
	39		Muhtar	Turan		
	40		Çiçek	Kurt		
	41					
	42		Emekli	Sadıkpaşa		

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

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NO	İsim Soyisim	Meslek	Yerleşim Yeri	Telefon	İmza
42		Memur	Hatay	05	
43		Memur	Yayladağı	55	
44			Arıkbaşı	0	
45			Fatih	0	
46		Memur	Reyhanlı	0	
47		Güvenlik	Hatay	5	
48		Şoför	Fatih	5	
49		Güvenlik	Dörtyol	5	
50		M. Üyesi	Zeytinova	0	
51		İşçi	Mithat Paşa	0	
52		Memur	Arıkbaşı	5	
53		İşçi	Tokatbaşı	5	
54		Memur	Fevzipaşa	0	
55		Memur	Gürpınar	0	
56		Büro Personeli	Cami Mah.	0	
57		Büro Personeli	Hz. İbrahim Mah.	5	
58		Büro Personeli	Hatay	5	
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SÜRDÜRÜLEBİLİR ŞEHİRLER
T.C. ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
İLBANK TÜRKİYE'NİN YAPICI GÜCÜ
THE WORLD BANK IBRD • IDA | WORLD BANK GROUP

ATTACHMENTS

s.1 Annex-1: Photo of the Public Consultation Meeting (07.01.2025)

s.2 Annex-2: Local Newspaper Advertisement (Newspaper Announcement Date – 9 Eylül, 25.12.2024)

9 EYLÜL

DEAŞ operasyonunda 10 TUTUKLAMA

İZMİR merkezli 3 ilde terör örgütü DEAŞ'a fon toplayan ve 'Hawala' adı verilen sistemle toplam 100 milyon liralık illegal para transferi yaptıkları tespit edilen 25 şüpheliye yönelik operasyon başlatıldı. İzmir merkezli Mersin, Adana, Manisa'da düzenlenen operasyonda 16 şüpheli, gözaltına alındı, 4 bin 110 dolar, 7 bin 205 euro, 434 bin 650 lira, 40 gram ziynet eşyası ile dokümana ele geçirildi. Adliyeye sevk edilen 10'u tutuklandı. ■ DHA

FETÖ operasyonu: 31 GÖZALTI

İZMİR'DE Cumhuriyet Başsavcılığı tarafından İzmir MİT Bölge Başkanlığı'nın desteğiyle FETÖ/PDY'ye yönelik yürütülen soruşturmalar kapsamında, örgütün yeniden yapılanmaya yönelik faaliyet içerisinde olduğu belirlendi. Örgüte finansal kaynak sağlamak amacıyla faaliyet yürütüldükleri tespit edilen 31 şüpheli yakalanıp gözaltına alındı. Firari 4 şüphelinin yakalanması için çalışmaların sürdüğü bildirildi. ■ DHA

6 GÜNDEM

Cemaat kaçak binası, arsa sahiplerini de mağdur etmiş!

Karabağlar'da belediyenin engellemelerine rağmen kaçak olarak yapılan ve ruhsatsız şekilde cemaat tarafından öğrenci yurdu olarak kullanılmaya başlanan binanın, arsa hissedarlarından habersiz yapıldığı ortaya çıktı. Arsa sahiplerine kaçak yapıyla ilgili yüklü para cezası geldi

Utku ÇELİK

KARABAĞLAR Belediyesi ekipleri, Ocak 2024'te 1/mndere 3986/2 Sokak'ta, imar planında park alanı, konu alanı, çocuk bahçesi ve ağaçlandırılacak alan olarak belirlenen 4028 ada 6 parselde 9,263 metrekarelik arsada kaçak inşaat tespit ederek binayı mühürlemişti. Hukuk tanımaz bir uygulamayla mühürleri dafalarca sökerek inşaatı tamamlanan bina, daha sonra İsmailağa cemaati tarafından öğrenci yurdu ve kurs alanı olarak kullanılmaya başlandığı iddia edildi. Yıkım kararıyla defalarca binaya giden belediye ekipleri, engelleme amacıyla toplanan kalabalık bir grup tarafından karşılanırken güvenliği sağlayacak polisin gelmemesi nedeniyle yıkımı bu güne kadar yapılamadı. Bu arada arsanın 11 hissesinden bin 500 metrekarelik 1 hissesini cemaat adına bir kişi tarafından alınığı 10 hissesinin ise farklı kişilerde olduğu ortaya çıktı. Hissedarlardan habersiz yapılan kaçak bina, tüm arsa sahiplerinin ceza almasına sebep oldu.

"YIKIM KARARI VAR, BİNA HALA AYAKTA"

Arsanın hissedarlarından Medine İğde'nin kızı Serpil İğde, yaşanan süreci anlatarak mağduriyetlerini dile getirdi.

Başlangıçta arsada 6 hissedarın bulunduğunu aktaran İğde, daha sonra miras yoluyla hissedar sayısının 11'e yükseldiğini ifade ederek "Bu 11 hisseden bir bölümünü satın alan kişi, bizim haberimiz olmadan arsaya kaçak yapı inşa etmiş. Ve burada bir tarikatın faaliyet yürüttüğü iddia ediliyor. Uzunde'de bu yapıya karşı yapılan eylemler ve haberlerden konu hakkında bilgimiz oldu. Bina için yıkım kararı alınmasına rağmen yıkılmadığın öğrendik" dedi.

85 YAŞINDAKİ KADINA 661 BİN LİRA CEZA

Serpil İğde, arsada hisseleri bulunmasından dolayı kendilerine kaçak yapıyla ilgili ceza geldiğini söyleyerek "Şu an hem yapı yıkılmıyor hem de cezalar arsa hissedarlarına gönderiliyor. Toplamda annem Medine İğde'ye 661 bin 855 lira ceza kesildi ve yıkım olmadığından kesilmeye devam ediyor, biz de bu cezaların itiraz ediyoruz. Diğer hissedarlara da cezalar gönderilmiş. Bu durumdan biz de rahatsız. Ben Karabağlar Belediyesi'ne gittim ve orada annemin tüm mal varlıklarına el konulabileceği söylendi. Ancak bizim hiçbir suçumuz yok, annemin de hiçbir suçu yok. Annem zaten 85 yaşında." diye konuştu.

"SUÇLU DEĞİL MAĞDURUZ"

Serpil İğde, cezaların kendilerine kesilmesinden duydukları rahatsızlığı dile getirerek "Bu kadar büyük bir binayı yapan kişinin tespit edilememesi anlaşılır bir durum değil. Şu anda sadece annem Medine İğde ve iki yeğeni hisselerini satmadı. Daha önce 1.800 liralık bir ceza kesilmiş ve bu ceza tüm hissedarlara gönderilmişti. Ancak diğer hissedarlarla iletişim kuramadığımız için mağduriyetimiz arttı. Eracümen kararı idari para cezası olduğu için dava açmamız gerektiği söylendi. Bu nedenle itiraz etmek için dava açacağız. Haklımızı arayacağız. Burada biz suçlu değil mağdurız" şeklinde konuştu.

Ahmet KADIBEŞEGİL

Kırmızı Kitap

Önümüzdeki ay yapılacak MGK toplantısında güncelleneceği açıklanan KIRMIZI KİTAP (Milli Güvenlik Siyaset Belgesi) olayı Türkiye gündemini uzun bir süre meşgul edeceğe benziyor. Atatürk devrim ve Cumhuriyet ilkeleri üzerine oturtulan, Türkiye'nin dünyada ve bölgede gelişen olaylar karşısında geleceğini ve varlığını korumayı hedefleyen belgenin güncellenmesi bu kez bir takım soruları da beraberinde getirecektir gözüküyor.

Bunun için yakın geçmişte siyasiler tarafından söylenen söz ve eylemleri hatırlamakta yarar var. AKP ve hükümetleri sürecinde Atatürk ve Cumhuriyet ilkelerine karşı tutum, başta Milli Eğitim Bakanlığı olmak üzere Kültür, Sağlık, Gençlik ve Spor, Sosyal Güvenlik Bakanlıklarındaki uygulamaları anımsanmalıdır. Gelişen olaylar karşısında Erdoğan'ın 2006 yılında Kerkük ve Musul'la ilgili sözleri ile başlayan, FETO destekli "vesayet" kaldıracağız yaklaşımı ile yapılan Ergenekon olayı ile ordunun, Yasal düzenlemelerle başta sendikalar olmak üzere STK'ların etkisizleştirilmesi , 15 Temmuz olayları sürecinde "aldatıldık" sözü unutulmamalıdır. MHP Genel Başkanı Devlet Bahçeli'ni desteği ile oluşturulan "partili" Cumhurbaşkanı sistemi içerisinde Parlamentonun özellikle denetim mekanizmasının ortadan kalkması, yürütmenin kanun hükmünde kararnamelerle "tek adam" tarafından yapılarak demokrasinin adeta "askıya" alınması akıllardan çıkmamalıdır.

Erdoğan'ın "Karabağ'ı biz kazandık" sözleri, Orta Asya Türk Cumhuriyetleri ile oluşturulan ilişkiler, kuruluş felsefesinde Balkanlar'dan Çin Sedd'ine uzanan bölgede Türk yurdu Turan' ı hedef alan "Kızıl Elma" olgusu yatan Alpaslan Türkeş'in kurduğu partinin bugünkü yöneticileri, Erdoğan'ın "Türkiye, Türkiye'den büyüktür.782 bin kilometre kareye sığdıramayız." Sözlerini ırak, Suriye, Gazze deki gelişmeler karşısında "Öcalan gelsin Mecliste konuşsun" sözleri ile destek vermiştir. Cumhurbaşkanı yardımcısı Cevdet Yılmaz'ın "Demokratik Bir belge değil" dediği Kırmızı Kitap güncellenmesi bir başka önem kazanmıştır. Yeni anayasa yapılması girişimlerinin gerçekleşmesi için Parlamento da DEM desteğinin sağlanarak çoğunluğun elde edilmesi için "Öcalan" hamlesinin de bu gelişmelere paralel olarak değerlendirilmelidir.

Ocak ayında yapılacak olan MGK toplantısında, "Oryantal" bir yaklaşımla yapılacak bir güncelleme de Kırmızı Kitabın temelini oluşturan başta laiklik olmak üzere Atatürk ve Cumhuriyet ilkelerinde de güncelleme yapılacak mı.

Güncelleme, rejimin yönü ve şeklini belirleyecek gibi gözüküyor.

Çocuk istismarı davalarında adalet gecikiyor

TÜRKİYE'DE son dönemde kamuoyuna sıkça yansıyan çocuk istismarı vakaları, bu konudaki cezaların 'yetersiz' olduğuna dair eleştirilere de sebep oldu. Saadet Öğretmen Çocuk İstismarı ile Mücadele Derneği (UCİM) Türkiye Hukuk Koordinatörü Av. Candan Tekin Çekiç, Türk Ceza Kanunu'nun çocuk istismarına karşı sert cezalar öngördüğünü, ancak uygulamada önemli eksikliklerin bulunduğunu ifade etti.

"ADLİ SÜREÇ, ÇOCUKLARI İKİNCİ KEZ ÖRSELİYOR"

Çekiç, "Kanunlarımız, çocuğa karşı işlenen suçlarda caydırıcı cezalar içeriyor. Ancak uygulamadaki hatalar, mağdurlar için adaletin gecikmesine neden oluyor. Çocuk Koruma Kanunu, önleyici ve destekleyici tedbirler sunuyor. Ne yazık ki uygulamada çok sayıda hata ile karşılaşıyoruz" dedi.

Çekiç, çocuk istismarı davaları sırasında adli süreçlerde yaşanan aksaklıkların mağdur çocuklar üzerinde derin izler bıraktığını belirtti. "Delillerin zamanında toplanmaması, çocukların ifadelerinin uygun koşullarda alınmaması, psikolojik destek sağlanmaması, yargı sürecinde çocukların ikinci kez örselenmesine yol açıyor" diyen Çekiç, özellikle delillerin toplanmasında ilk 24 saatin önemine vurga yaptı. Adli süreçte çocukların tekrar tekrar dinlenmesinin onları travmatize ettiğini belirten Çekiç, "İfadelerin çocuk izlem merkezlerinde alınmaması, çelişkili beyanlara ve olumsuz sonuçlara neden olabiliyor. Çocuk istismarı davalarının, bu alanda uzmanlaşmış ihtisas mahkemelerinde görülmesi gerekiyor" ifadelerini kullandı.

Türkiye'de çocuk istismarıyla mücadelede yasal düzenlemeler dünya standartlarında olsa da uygulamadaki aksaklıklar adaletin geçikmesine neden oluyor. UCİM Türkiye Hukuk Koordinatörü Av. Candan Tekin Çekiç "Çocukların mağdur olduğu davalarda özel mahkemeler kurulmalı" diye vurguladı

Av. Candan Tekin Çekiç

Sosyal medya baskısının davaların gidişatını etkilediğini söyleyen Çekiç, "Sosyal medyanın yargı kararlarına doğrudan etkisi olmamalı, ancak kamuoyu baskısı davaların daha hızlı ve özenli ilerlemesini sağlıyor. Dikkat çeken davalarda iddianameler daha çabuk hazırlanıyor ve duruşma tarihleri hızla belirleniyor" dedi.

Çekiç, sosyal medyanın, mağdurların ve ailelerinin cesaretlenmesinde önemli bir rol oynadığını belirterek, "Sivil toplum kuruluşları olarak amacımız, mağdurların yanında olmak ve bu konudaki farkındalığı artırmaktır" diye konuştu. Çekiç, çocukların mağdur olduğu davalarda ihtisaşlaşmış mahkemelerin gerekliliğine dikkat çekerek, bu mahkemelerin çocuklara özel bir hassasiyetle çalışması gerektiğini belirtti. "Tıpkı çocukların yargılandığı mahkemeler olduğu gibi, çocukların mağdur olduğu davalar için de özel mahkemeler kurulmalı" dedi. ■ Utku ÇELİK

BAYINDIR BELEDİYESİ GÜNEŞ ENERJİ SANTRALİ PROJESİ HALKIN KATILIM TOPLANTISINA DAVET

Bayındır Belediyesi ve İller Bankası A.Ş. tarafından Dünya Bankası finansmanı ile yürütülecek olan ' Sürdürülebilir Şehirler Projesi- II Ek Finansman (SŞP-II-EF) ' kapsamında İzmir ili Bayındır ilçesi sınırları içerisinde yapılması planlanan Bayındır 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 İLİL/ÇESİ	YER	TARİH VE SAAT
İZMİR/BAYINDIR	Yahya Kerim Onart Kültür Merkezi	07/01/2025 14:00

PROJE SAHİBİ	Bayındır Belediyesi
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İcralık dosya sayısı 9 milyonu aştı

UYAP verilerine göre, 2024 yılında icra dairelerine gönderilen yeni dosya sayısı 9 milyon 77 bin oldu. Derdest dosya sayısındaki artış ise dikkat çekiyor: toplam sayı 22 milyon 673 bine ulaştı.

Adalet Bakanlığı'nın Ulusal Yargı Ağı Platformu (UYAP) verilerine göre, 2024 yılı içinde icra dairelerine gönderilen yeni dosya sayısı 9 milyon 77 bin olarak kaydedildi. Bu, bir önceki yıla kıyasla belirgin bir düşüşe işaret ediyor. Ancak, icra dairelerindeki toplam iş yükü azalmadı, aksine artmaya devam etti.

2023 İLE KARŞILAŞTIRMA

2023 yılının aynı döneminde UYAP üzerinden icra dairelerine gelen yeni dosya sayısı 13 milyon 291 bin olarak kayıtlara geçmişti. Bu durum, yeni açılan dosya sayısında bir yıllık süreçte ciddi bir azalma yaşandığını gösteriyor. 2024 yılının ilk 11 ayında, toplamda 7 milyon 712 bin dosya ya sonuçlandırıldı ya da işlemden kaldırıldı. Ancak buna rağmen, derdest dosya sayısı artmaya devam etti. UYAP üzerinden işlem gören ve halen açık durumda olan dosyaların toplam sayısı, 20 Aralık 2024 itibarıyla 22 milyon 673 bine ulaştı. Bu rakam, 2023 yılının kiyasla net bir artışı ifade ediyor. Geçen yılın aynı dönemine göre derdest dosya sayısında 1 milyon 49 binlik bir artış yaşandı.

Her ne kadar yeni dosya sayısında düşüş yaşansa da, icra dairelerindeki yoğun iş yükü 2024 yılında da artış göstermeye devam etti. Uzmanlar, dosya yükünün azaltılması için daha etkili yasal düzenlemelerin ve icra süreçlerinde dijitalleşmenin hızlandırılması gerektiğini ifade ediyor. ■ Haber Merkezi

9 EYLÜL

25 ARALIK 2024 ÇARŞAMBA Yıl: 13 Sayı: 4144

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SAYFA TASARIMI: EZGİ CAN ÇEYLAN

BirGün

SOL Parti Ankara İl Örgütü insanca asgari ücret talebiyle sokağa çıktı. / BirGün

Rejim, insanca yaşamı çok görüyor

SOL Parti Ankara İl Örgütü, "İnsanca yaşayacak bir ücret" talebi için yürüdü. Okunan basın açıklamasında "Bu sömürü ve soygun düzenini yıkmak için birleşelim" denildi

Etki Can BOLATCAN

ASGARİ ücret görüşmeleri komisyonun dördüncü toplantısında devam edecek. SOL Parti, yaklaşık 10 milyon kişiyi doğrudan etkileyecek olan asgari ücretin insanca yaşayacak bir ücret olması gerektiğini belirterek sokağa çıktı. "Asgari değil insanca yaşam" sloganıyla Sakarya Caddesi'ne yürüyen SOL Parti Ankara İl Örgütü tarafından yapılan basın açıklamasında "Tek adam rejimi, bu ülkenin emekçilerine insanca bir yaşamı çok görüyor" denildi.

Basın açıklamasını okuyan SOL Parti Ankara İl Sözcüsü Fatoş Erol, "İktidarın emekçiler için neredeyse ortalama ücret haline getirdiği asgari ücret dayatması, yoksulluk ve açlık dayatmasıdır" dedi. Sefaletin IMF ve bir avuç patron adına emekçilere dayatıldığı vurgulayan Erol, "Emekçilerle alay eder gibi belirlemeye çalıştıkları asgari ücretin görüşmeleri devam ederken ülkenin dört bir yanında emekçilerin mücadeleleri yükseliyor, direnişleri büyüyor" diye konuştu.

REJİM, EMEKÇİLERİN KANI ÜZERİNDEN YÜKSELİYOR

Erol, tek adam rejiminin emekçilere insanca bir yaşamı çok gördüğü belirterek, "Hakkını almak için günlerdir direnen Polonez işçilerine, metal işçilerine, MKD Rondo işçilerine, Betek Fiili Boya işçilerine, Tarkett işçilerine ve memleketin dört bir yanında direnişi büyüten işçilere selam olsun. Tek adam rejimi bu ülkenin emekçilerinin emeği, kanı, canı üzerine yükseliyor. Daha bu sabah Balıkesir'de bir fabrikada yaşanan patlamada 12 işçi arkadaşımız hayatını kaybetti. Kölelik düzeni ile dayatılan çalışma koşulları madenleri, fabrikaları işçilere mezar yaptı. Bu düzenin sorumlusu işçi katliamlarının üzerini örten, patronları aklayan tek adam rejimidir" ifadelerini kullandı.

Size sokakları dar ederiz

Özgür Özel

CHP Genel Başkanı Özgür Özel, partisinin grup toplantısında açık lamalarda bulundu. 2025 yılında uygulanacak asgari ücret ve emekli aylığına ilişkin "Asgari ücret için 21-22 bin lirayı konuşacak kadar şuurlarını kaybetmiş durumdalar. Sokak asgari ücreti 30 bin liranın üzerinde istiyor" diyen Özel, "2024 yılında bir kere zam yapılmadı. Asgari ücretlinin kirası, kırtasiye, giyim ve gıda giderlerinde yüzde 78 artış var. 17 bin 2 lirayı geçeni senelik noktada verecekseniz bile yüzde 78 zam yapmanız lazım. bunlar 21-22 bin lirayı konuşacak kadar şuurlarını kaybetmişler. Bu rakamlar asla kabul edilemez. CHP olarak en az 30 altında yokuz demeye devam ediyoruz. Emekliye en az bir asgari ücret verin. Eğer sefalet ücretini telaffuz edemeniz bu sokakları size dar edecek olan, o koltuklarda sizi oturtmayacak olan CHP olacaktır. Hodri meydan. Sokağa çıkamayan adam, kongre adamı, salon siyasetçisi seni. Çık sokağa hodri meydan görüşelim." **Haber Merkezi**

Kilidi açın

Tuncer Bakırhan

DEM Parti Eş Genel Başkanı Tuncer Bakırhan, Meclis'te partisinin haftalık grup toplantısında güncel gelişmelere dair konuştu. Grup toplantısı sonrası soruları yanıtlayan MHP Genel Başkanı Devlet Bahçeli'nin "huzur içinde terörsüz Türkiye" çağrısını hatırlatan DEM Parti Eş Genel Başkanı Tuncer Bakırhan," Adalet Bakanlığı oylamadan vazgeçilmeli. Adalet bakanlığı biran önce gerçekten oranını kilidini kapısını acması görüşmenin gerçekleşmesini sağlaması gerekiyor" dedi. Başvurunun son durumuna ilişkin ise "Adalet Bakanı her seferinde bir sey söylüyor. Bütçe görüşmelerinden sonra dediler. Artık bir an önce bu oyalamadan vazgeçmeleri, oranın kilidi açmaları gerekir" diye yanıt verdi. **Haber Merkezi**

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Halkımıza saygı ile duyurulur

Toplantı Yeri Ve Tarihi

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1-İdarenin		
a) Adı	:	EĞİTİM VE ARAŞTIRMA HASTANESİ-ŞİŞLİ HAMİDİYE ETFAL SAĞLIK BAKANLIĞI BAKAN YARDIMCILIKLARI
b) Adresi	:	HALASKARGAZI CADDESI ETFAL SOKAK NO: 10 34360 - ŞİŞLİ/İSTANBUL
c) Telefon ve faks numarası	:	2123735283 - 2123735284
ç) İhale dokümanının görülebileceği ve e-imza kullanılarak indirilebileceği internet sayfası	:	https://ekap.kik.gov.tr/EKAP/
2-İhale konusu mal alımın		
a) Adı	:	2 KALEM RADYOFREKANS İĞNE ELEKTRODU ALIMI
b) Niteliği, türü ve miktarı	:	2 KALEM RADYOFREKANS İĞNE ELEKTRODU ALIMI Ayrıntılı bilgiye EKAP'ta yer alan ihale dokümanı içinde bulunan idari şartnameden ulaşılabilir.
c) Yapılacağı/teslim edileceği yer	:	Sağlık Bilimleri Üniversitesi Hamidiye Etfal Eğitim ve Araştırma Hastanesi ve Yerleşkeleri Tıbbi Sarf Deposuna teslim edilecektir
ç) Süresi/teslim tarihi	:	Yüklenici hastanemiz Tıbbi Sarf Deposunun yazılı siparişinden (fax, mail vb.) sonra istenen miktardaki malzemeleri eksiksiz olarak 5 (BEŞ) İŞ GÜNÜ içinde ilgili depoya teslim edilecektir. Firma yetkilisi olmadan mal teslimi yapılmayacaktır. Hastanemizin stok takibi ve yönetimi açısından istenen miktar ve kaleme uyulması mecburidir. Sipariş çekilen ürünler irsaliye ile teslim edilecek, fatura idare tarafından talep edildiğinde düzenlenip getirilecektir. Kargo ile mal teslimi kabul edilmeyecektir.
d) İşe başlama tarihi	:	SÖZLEŞME İMZALANDIĞI TARİHTEN İTİBAREN İŞE BAŞLANMIŞ SAYILIR.
3-İhalenin		
a) İhale (son teklif verme) tarih ve saati	:	15.01.2025 - 10:00
b) İhale komisyonunun toplantı yeri (e-tekliflerin açılacağı adres)	:	Seyrantepe Hamidiye Etfal Eğitim ve Araştırma Hastanesi -Satın alma Birimi (Başhekimlik Binası 2.kat) Huzur Mah. Cumhuriyet ve Demokrasi Cad.No:1Sarıyer/İstanbul

4. İhaleye katılabilme şartları ve istenilen belgeler ile yeterlik değerlendirmesinde uygulanacak kriterler:
4.1. İsteklilerin ihaleye katılabilmeleri için aşağıda sayılan belgeler ve yeterlik kriterleri ile fiyat dışı unsurlara ilişkin bilgileri e-tekliflerı kapsamında beyan etmeleri gerekmektedir.
4.1.2. Teklif vermeye yetkili olduğunu gösteren bilgiler;
4.1.2.1. Tüzel kişilerde; isteklilerin yönetimindeki görevliler ile ilgisine göre, ortaklar ve ortaklık oranlarına (halka arz edilen hisseler hariç)/üyelerine/kurucularına ilişkin bilgiler idarece EKAP'tan alınır.
4.1.3. Şekli ve içeriği İdari Şartnamede belirtilen teklif mektubu.
4.1.4. Şekli ve içeriği İdari Şartnamede belirtilen geçici teminat bilgileri.
4.1.5 İhale konusu alımın tamamı veya bir kısmı alt yüklenicilere yaptırılamaz.

4.2. Ekonomik ve mali yeterliğe ilişkin belgeler ve bu belgelerin taşıması gereken kriterler:
İdare tarafından ekonomik ve mali yeterliğe ilişkin kriter belirtilmemiştir.

4.3. Mesleki ve teknik yeterliğe ilişkin belgeler ve bu belgelerin taşıması gereken kriterler:
4.3.1.
4.3.1.1. Yetkili kurum ve kuruluşlara kayıtla ilgili belgeler:
İmalatçı veya ithalatçısı olmadığı durumlarda, ürünün tedarikçi firmasının bayii olduğuna dair TITUBB/ÜTS kayıt ve bildirimi
Tıbbi Cihaz Satış, Reklam ve Tanıtım Yönetmeliği kapsamında düzenlenen Tıbbi Cihaz Satış Merkezi Yetki Belgesi
Tıbbi Cihaz Yönetmelikleri kapsamında belgelendirilmemiş ise Kapsam Dışı Beyanı
tıbbi cihazların/ürünlerin T.C. İlaç ve Tıbbi Cihaz Ulusal Bilgi Bankası'na kayıt bildirimi
4.3.2. Tedarik edilecek malların katalogları, broşürleri, fotoğraflarına ilişkin bilgiler ile teknik şartnameye cevapları ve açıklamaları:
Numune
4.3.3. Numune sunulması istenmektedir.
5. Ekonomik açıdan en avantajlı teklif sadece fiyat esasına göre belirlenecektir.
6. İhale yerli ve yabancı tüm isteklilere açık olup yerli malı teklif eden istekliye ihalenin tamamında **% 15 (yüzde on beş)** oranında fiyat avantajı uygulanacaktır.
7. İhale dokümanı EKAP üzerinden bedelsiz olarak görülebilir. Ancak, ihaleye teklif verecek olanların, e-imza kullanarak EKAP üzerinden ihale dokümanını indirmeleri zorunludur.
8. Teklifler, EKAP üzerinden elektronik ortamda hazırlandıktan sonra, e-imza ile imzalanarak, teklife ilişkin e-anahtar ile birlikte ihale tarih ve saatine kadar EKAP üzerinden gönderilecektir.
9. İstekliler tekliflerini, her bir iş kaleminin miktarı ile bu iş kalemleri için teklif edilen birim fiyatların çarpımı sonucu bulunan toplam bedel üzerinden teklif birim fiyat şeklinde verilecektir. İhale sonucunda, üzerine ihale yapılan istekli ile birim fiyat sözleşme imzalanacaktır.
10. Bu ihalede, kısmi teklif verilebilir.
11. İstekliler teklif ettikleri bedelin %3'ünden az olmamak üzere kendi belirleyecekleri tutarda geçici teminat vereceklerdir.
12. Bu ihalede elektronik eksiltme yapılmayacaktır.
13. Verilen tekliflerin geçerlilik süresi, ihale tarihinden itibaren **120 (YüzYirmi)** takvim günüdür.
14. Konsorsiyum olarak ihaleye teklif verilemez.
15. Diğer hususlar:
Teklif fiyatı ihale komisyonu tarafından aşırı düşük olarak tespit edilen isteklilerden Kanunun 38 inci maddesine göre açıklama istenecektir.

Resmi İlanlar www.ilan.gov.tr'de — BASIN: 2145885

s.4 Annex-3: Announcement Published Bayındır Municipality Website (23.12.2024)

https://bayindir.bel.tr//storage/photos/7/g%C3%BCne%C5%9F%20santrali%20gazete%20ilan%C4%B1.pdf

BAYINDIR BELEDİYESİ GÜNEŞ ENERJİ SANTRALİ PROJESİ
HALKIN KATILIM TOPLANTISINA DAVET

Bayındır Belediyesi ve İller Bankası A.Ş. tarafından Dünya Bankası finansmanı ile yürütülecek olan ' Sürdürülebilir Şehirler Projesi- II Ek Finansman (SŞP-II-EF) 'kapsamında İzmir ili Bayındır ilçesi sınırları içerisinde yapılması planlanan Bayındır 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.

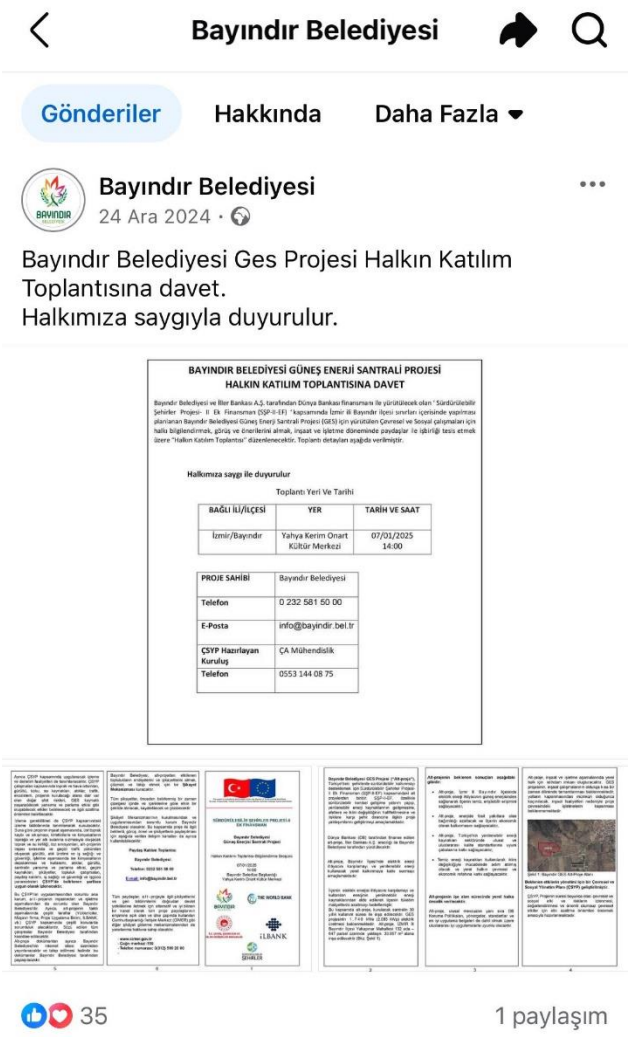
Halkımıza saygı ile duyurulur

Toplantı Yeri Ve Tarihi

BAĞLI İLİ/İLÇESİ	YER	TARİH VE SAAT
İzmir/Bayındır	Yahya Kerim Onart Kültür Merkezi	07/01/2025 14:00

PROJE SAHİBİ	Bayındır Belediyesi
Telefon	0 232 581 50 00
E-Posta	info@bayindir.bel.tr
ÇSYP Hazırlayan Kuruluş	ÇA Mühendislik
Telefon	0553 144 08 75

Bayındır Municipality Social Media accounts (23.12.2024)



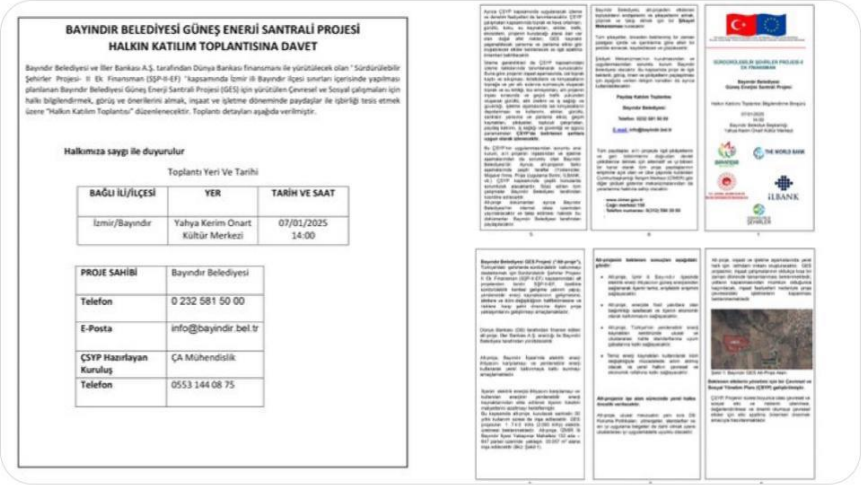
This project is co-funded by the European Union, the Republic of Turkey and the World Bank
Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

bayindirbel Bayındır Belediyesi Ges Projesi Halkın Katılım Toplantısına davet.
Halkımıza saygıyla duyurulur.

24 Aralık 2024

Bayındır Belediyesi @bayind... · 24.12.2024

Bayındır Belediyesi Ges Projesi Halkın Katılım Toplantısına davet.
Halkımıza saygıyla duyurulur.



BAYINDIR BELEDİYESİ GÜNEŞ ENERJİ SANTRALİ PROJESİ
HALKIN KATILIM TOPLANTISINA DAVET

Bayındır Belediyesi ve İller Bankası A.Ş. tarafından Dünya Bankası finansmanı ile yürütülecek olan "Sürdürülebilir Şehirler Projesi- II Ek. Finansman (SŞP-II-EF) "kapsamında İzmir ili Bayındır ilçesi sınırları içerisinde yapılması planlanan Bayındır 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.

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Toplantı Yeri Ve Tarihi

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İzmir/Bayındır	Yahya Kerim Onart Kültür Merkezi	07/01/2025 14:00

PROJE SAHİBİ	Bayındır Belediyesi
Telefon	0 232 581 50 00
E-Posta	info@bayindir.bel.tr
ÇSYP Hazırlayan Kuruluş	ÇA Mühendislik
Telefon	0553 144 08 75

1 2 152

This project is co-funded by the European Union, the Republic of Turkey and the World Bank
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Bayındır Haber, Bayındır, İzmir'de.
24 Ara 2024 ·

Bayındır Belediyesi'nden Duyurulur.
Bayındır Belediyesi Güneş Enerjisi Santrali Projesi.

BAYINDIR BELEDİYESİ GÜNEŞ ENERJİ SANTRALİ PROJESİ
HALKIN KATILIM TOPLANTISINA DAVET

Bayındır Belediyesi ve İller Bankası A.Ş. tarafından Dünya Bankası finansmanı ile yürütülecek olan ' Sürdürülebilir Şehirler Projesi- II Ek Finansman (ŞŞP-II-EF) ' kapsamında İzmir ili Bayındır ilçesi sınırları içerisinde yapılması planlanan Bayındır 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 İLİ/İLÇESİ	YER	TARİH VE SAAT
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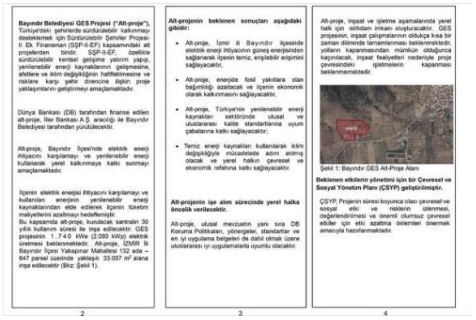


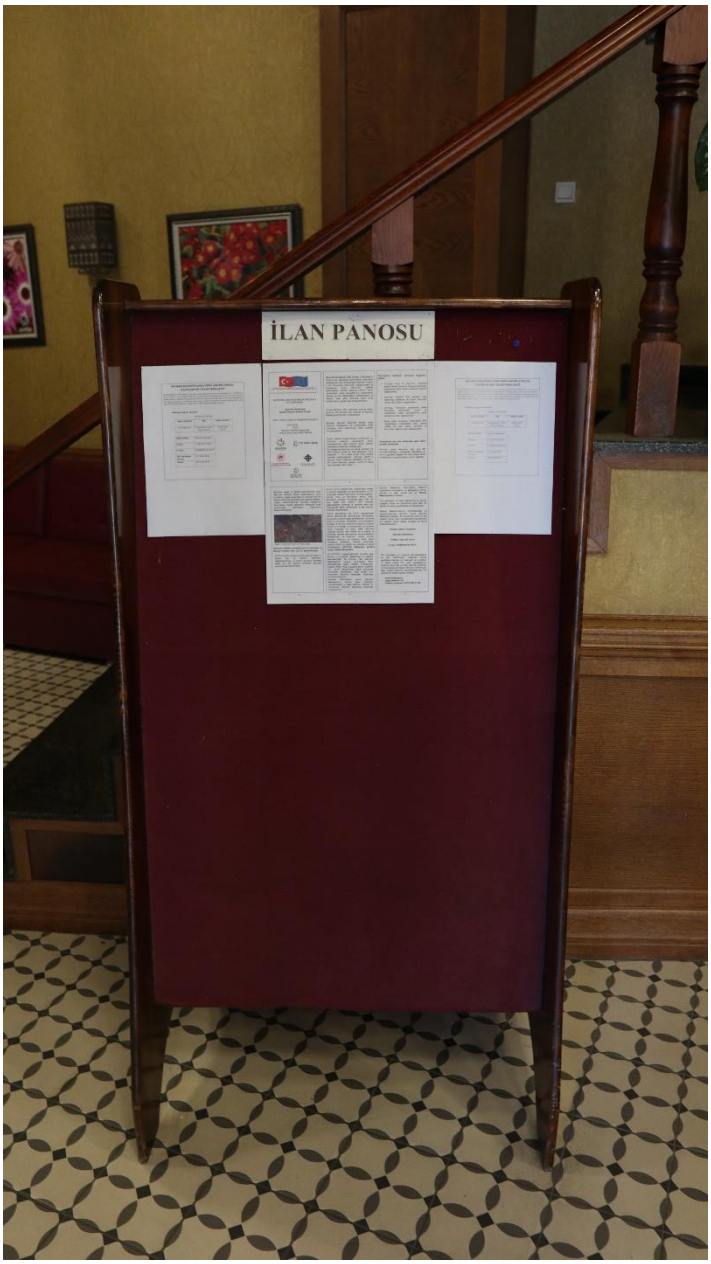
43 3 yorum 7 paylaşım

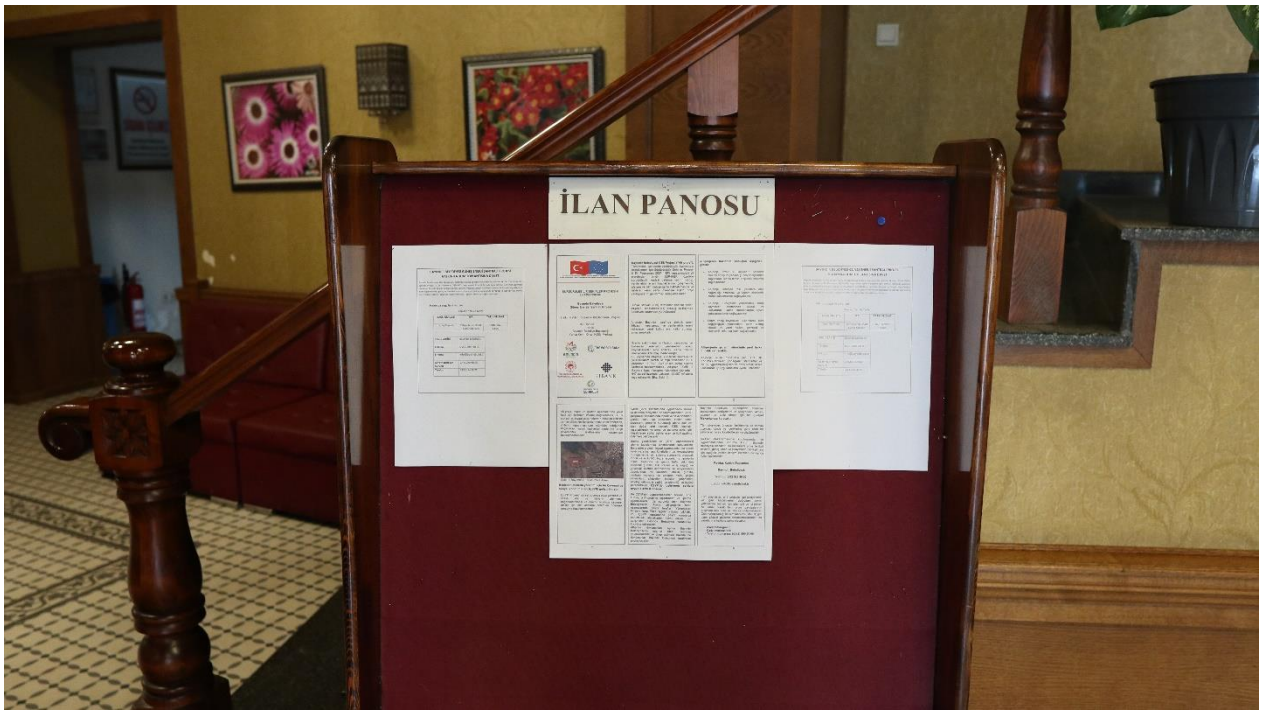
SÜRDÜRÜLEBİLİR ŞEHİRLER
T.C. ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
İLBANK TÜRKİYE'NİN YAPICI GÜCÜ
THE WORLD BANK IBRD • IDA | WORLD BANK GROUP

Information posters hung in mukhtar offices and coffee houses

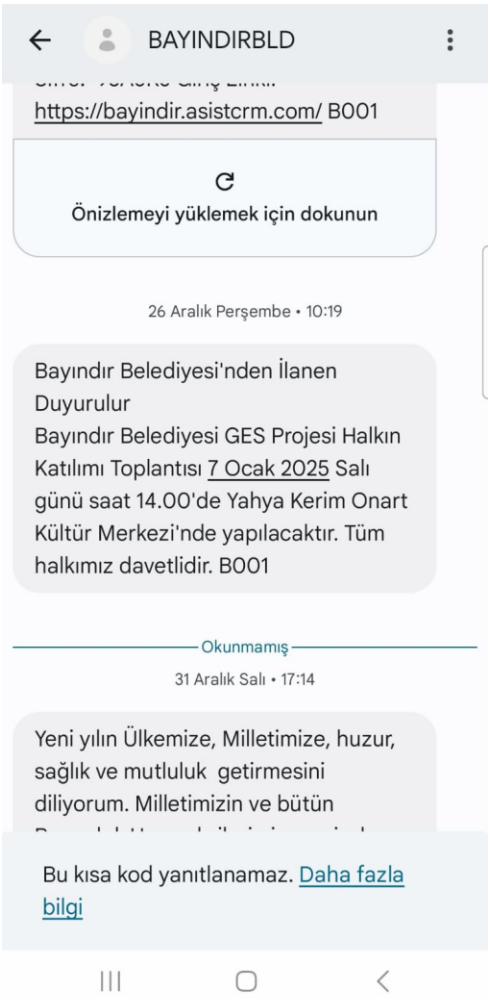

İLAN PANOSU

Bayındır Municipality notice board




İLAN PANOSU

s.5 Invitation to the Public via Bulk SMS



s.6 Bayındır Municipality Public Consultation Meeting Brochure

Monitoring and audit activities to be implemented within the scope of the ESMP will also be defined. Within the scope of ESMP studies, impacts that may occur such as soil and air environments, noise, odor, water resources, wastes, traffic, ecosystem, existing natural disaster risks related to the area where the project will be established, reflection and glare effects that may be experienced due to SPP will be determined and relevant avoidance mitigation measures will be specified.

Monitoring requirements will also be defined and presented in the monitoring tables within the ESMP. Accordingly, during the construction phase of the sub-project, topsoil loss and compression, soil and water pollution due to leaching of pollutants and chemicals into the soil and groundwater, dust emissions, noise during construction of the sub-project and from temporary traffic load, waste generation and occupational health and safety, and during the operation phase, storage and use of chemicals, wastes, noise, reflection and glare impact of the power plant, livelihoods, grievances, community conflicts, stakeholder engagement, occupational health and safety and labor parameters will be monitored in accordance with the requirements set out in the ESMP.

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

The sub-project documents will also be published on the website of Bayındır Municipality and if requested, these documents will be shared by Bayındır Municipality.

5

Sub-project documents will also be published on Bayındır Municipality's website and will be shared by Bayındır Municipality upon request.

Bayındır Municipality has established a **Grievance Mechanism** to receive, resolve and follow up on the concerns and grievances of sub-project affected communities. All grievances will be effectively received, recorded and responded to within a predetermined timeline and according to their content. Bayındır Municipality will be the responsible institution for the establishment and implementation of the Grievance Mechanism. In this context, the communication channels given below can also be used to share expectations, opinions, suggestions and grievances about the sub-project.

Public Engagement Meetings:

Bayındır Municipality:

Telephone: 0232 581 50 00

E-mail: info@bayindir.bel.tr

All internal and external stakeholders will also have the right to make use of other grievance redress mechanisms, such as the Presidential Communication Center (CIMER), which is accessible to all project stakeholders and is used nationwide, as an alternative and well-known channel to communicate project-related complaints and feedback directly to government authorities.

- **www.cimer.gov.tr**
- **Call Center :150**
- **Telephone Number: 0(312) 590 20 00**

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

Bayındır Municipality
Solar Power Plant Project

Public Engagement Meeting Brochure

07/01/2024
14:00
Bayındır Municipality Yahya Kerim Onart Cultural Center

BAYINDIR BELEDİYESİ
THE WORLD BANK
T.C. ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI
İLBANK
SÜRDÜRÜLEBİLİR ŞEHİRLER

1

Bayındır SPP Project ("Sub-project"), is one of the sub-projects under the Sustainable Cities Project- II Additional Financing (SCP-II-FE) to support sustainable development in cities in Türkiye. Specifically, the ESP-II EF aims to invest in sustainable urban development and develop project approaches related to the development of renewable energy sources, disaster and climate change mitigation and urban resilience to risk.

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

The sub-project aims to contribute to local development by providing clean energy to the water treatment plant in Bayındır District by utilizing solar energy and meeting energy needs.

The Bayındır SPP Project aimed to meet the electrical energy needs of the district and to reduce the consumption costs of the district by obtaining the energy used from renewable energy sources.

In this context, the sub-project will be built with a 30-year use period of the power plant to be established. The SPP project is expected to generate 1.740 kWe (2.093 kWp) of electricity. The project will be built on an area of approximately 33.057 m^2 on a lot 132 of block 647 in Yakapınar Neighborhood of Bayındır District of IZMIR Province (See: Figure 1).

2

The expected results of the sub-project are as follows:

-The sub-project will provide access to clean, accessible and affordable water in Bayındır district of İzmir by providing solar energy to the water treatment plant, which accounts for a large portion of the municipality's energy consumption.

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

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

- By utilizing clean energy sources, a step will be taken in the fight against climate change and will contribute to the environmental and economic well-being of local communities.

Local people will be prioritized in the recruitment process of the sub-project.

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

3

The sub-project will create job opportunities for local residents during the construction and operation phase. It is expected that the construction works of the SPP project will be completed in a fairly short period of time, 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: Bayındır SPP Sub-project Area

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 over the life of the sub-project and to propose mitigation measures for significant adverse environmental impacts.

4