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SUSTAINABLE CITIES PROJECT-II

Additional Financing



Republic of Türkiye
Çilimli Municipality

Çilimli Geothermal Well Drilling Project Stakeholder Engagement Plan

Final Report

January 2024



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Çilimli Geothermal Well Drilling Project Stakeholder Engagement Plan

Final Report

January 2024

Prepared by ACE Consulting and Engineering Inc.

Client: ILBANK A.ř.

Project Owner: Çilimli Municipality

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List of Abbreviations

ACE	: ACE Consulting and Engineering Inc.
AF	: Additional Financing
AFAD	: Disaster and Emergency Management Presidency
AoI	: Area of Influence
CİMER	: Presidency Communication Centre
CLO	: Community Liaison Officer
CM	: Çilimli Municipality
DOÇEV	: Nature and Environment Foundation
E&S	: Environmental and Social
EA	: Environmental Assessment
EHS	: Environment, Health, and Safety
EIA	: Environmental Impact Assessment
ESIA	: Environmental and Social Impact Assessment
ESMF	: Environmental and Social Framework
ESMP	: Environmental and Social Management Plan
ESMR	: Environmental and Social Monitoring Report
ESMS	: Environmental and Social Management System
EU	: European Union
FI	: Financial Intermediary
GBV	: Gender based violence
GPN	: Good Practice Note
GRM	: Grievance Redress Mechanism
GRS	: Grievance Redress Service
H&S	: Health and Safety
ha	: Hectare
IFC	: International Finance Corporation
ILBANK	: ILBANK A.Ş.
İŞKUR	: Düzce Turkish Employment Agency
JESDER	: Geothermal Power Plant Investors Association
LARPF	: Land Acquisition and Resettlement Policy Framework
m	: meter
MEUC	: Ministry of Environment, Urbanization and Climate Change
NE	: Northeast
NGO	: Non-Governmental Organizations
OG	: Official Gazette
OHS	: Occupational Health and Safety
OIP	: Other Interested Party



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OP	: Operational Policy
PAP	: Project Affected People
PDEUC	: Provincial Directorate of Environment, Urbanization and Climate Change
PIF	: Project Identification File
PIU	: Project Implementation Unit
PTT	: Post, Telegraph and Telephone Administration
RAP	: Resettlement Action Plan
SCP	: Sustainable Cities Project
SEA/SH	: Sexual Exploitation and Abuse/Sexual Harassment
SEDAŞ	: Sakarya Electricity Distribution Corporation
SEP	: Stakeholder Engagement Plan
SHW	: General Directorate of State Hydraulic Works
TBD	: To Be Determined
TEMA	: The Turkish Foundation for Combating Erosion, Reforestation and the Protection of Natural Habitats
TMMOB	: The Union of Turkish Engineer and Architect Chambers
TÜÇEV	: Environment Protection Foundation of Türkiye
TÜRÇEP	: Türkiye Environment Platform
TurkStat	: Turkish Statistical Institute
UNECE	: United Nations Economic Commission for Europe
WB	: World Bank
WBG	: World Bank Group
WHO	: World Health Organization
YİMER	: Foreigners Communication Center



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Glossary

Grievance Redress Mechanism (GRM)	: An accessible and inclusive system, process, or procedure that receives and acts upon complaints and suggestions for improvement in a timely fashion facilitates the resolution of concerns and grievances arising in connection with a project. It ensures that complaints and grievances are addressed through a transparent and impartial process.
Project Affected People (PAP)	: Those are likely to be affected by the Project because of actual impacts or potential risks to their physical environment, health, security, cultural practices, well-being, or livelihoods. These stakeholders may include individuals or groups, including local communities.
Project Implementation Unit (PIU)	: This unit will be established at the level of municipalities/utilities for a sub-project financed by ILBANK through International Financial Institutions and responsible for project implementation.
Project	: Çilimli Geothermal Well Drilling Project (Project) consists of drilling three geothermal wells in the Çilimli District, Düzce Province, Türkiye.
Stakeholder Engagement Plan (SEP)	: A plan, which encompasses planned stakeholder consultation activities and the process of stakeholder engagement.
Stakeholders	: Persons or groups who are directly or indirectly affected by a project and those who may have interests in a project and/or the ability to influence its outcome, positively or negatively. Stakeholders may include locally affected communities or individuals and their formal and informal representatives, national or local government authorities, politicians, religious leaders, civil society organizations and groups with special interests, the academic community, or other businesses.
Stakeholder Engagement	: Continuing and iterative process, the Borrower identifies, communicates and facilitates a two-way dialogue with the people affected by its decisions and activities and others interested in the implementation and outcomes of its decisions and the Project.
Vulnerable/Disadvantaged Groups	: Population within a country that has specific characteristics that make it at a higher risk of needing humanitarian assistance than others or being excluded from financial and social services; People who, under gender, ethnicity, age, physical or mental disability, economic disadvantage, or social status, maybe more adversely affected by resettlement than others and may be limited in their ability to claim or take advantage of resettlement assistance related development benefits.



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Executive Summary

ILBANK A.Ş. (ILBANK) is implementing the Sustainable Cities Project (SCP) with technical and financial support from the World Bank (WB) and European Union (EU). The Project assists cities through (a) planning for sustainable infrastructure service needs through more comprehensive and integrated municipal planning; (b) developing capital investment plans linked to urban plans to mobilize long-term financing that is essential in responding to investment priorities, and (c) financing infrastructure service requirements. The objective is to improve the planning capacity of and access to targeted municipal services in participating municipalities and utilities.

The Çilimli Geothermal Well Drilling Project (the Project) consists of drilling three geothermal wells in Çilimli District, Düzce Province, Türkiye in the scope of SCP-II Additional Financing (AF). The Geothermal Resource Exploration License numbered ARA.81.00.2020.JEO.1 (ER: 3397767), valid until 01.09.2024, has been obtained for the Project by the Çilimli Municipality (CM). The first drilling location (SK-1) is designated as a common field in Ulucami Neighborhood. The second and third drilling locations (SK-2 and SK-3) are on the lands prepared as the road in Kiraztarla Village, Kiraztarla Road locality and Söğütlü Village, Söğütlü Street locality, respectively. The land where the wells will be drilled belongs to the CM. Since the land where SK-3 will be drilled is under the legal entity of Söğütlü Village, the opinion letter dated 25th of February 2022 from Söğütlü Village Headman stating work permit is in place in this respect. The drilling depths will be 700 m for the first well and 600 m for the second and third wells.

This Stakeholder Engagement Plan (SEP) has been prepared by ACE Consulting and Engineering Inc. (ACE) to encompass planned stakeholder consultation activities and the process of stakeholder engagement in compliance with World Bank (WB) Safeguard Policies, including Operational Policies (OPs) (i.e., OP 4.01 - Environmental Assessment and WB's 2010 Policy on Access to Information), Environmental and Social Management Framework (ESMF) (including Stakeholder Engagement Framework) of ILBANK for SCP-II AF and Turkish legislation. This SEP presents project description, national legislation, and international standards applicable to the stakeholder engagement; previous public/stakeholder consultation and disclosure activities; stakeholder identification; stakeholder engagement plan; roles and responsibilities; grievance redress mechanism and monitoring/reporting.

The aim of this SEP is to establish a continuous involvement process between the Project Owner, CM, and the stakeholders, who may be affected or have an interest in the Project. The plan seeks to promote active participation and engagement of all project stakeholders throughout the entire Project's life, including preconstruction, land preparation, construction, and operation phases.

Upon completing the Environmental and Social Management Plan (ESMP) and the SEP, consultation meetings with stakeholders and local non-governmental organizations (NGOs) are mandatory for Category B subprojects, following the guidelines of WB OP



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4.01 and the SCP-II AF's ESMF. Records of registration forms and detailed meeting minutes will be maintained, but personal data will be anonymized to comply with the Personal Data Protection Law. Additionally, all documents related to stakeholder activities, such as newspaper advertisements, participant lists, meeting minutes, and sample brochures, will be included in the SEP.

In addition, addressing and managing grievances is an essential part of an effective stakeholder engagement strategy. Past experiences have shown that misunderstandings often lead to grievances, but proactive and consistent engagement with communities can prevent or minimize such issues. Therefore, a project-specific Grievance Redress Mechanism (GRM) will be implemented by CM/Project Implementation Unit (PIU) throughout the Project's lifespan, encompassing pre-construction, construction, and operation phases.

During the construction and operation stages of the Project, both CM and the Contractor will carry out stakeholder engagement activities. The Supervision Consultant will support CM and the Contractor in ensuring the successful execution of these SEP activities, and they will be recognized for their effective implementation.

The project is listed in Annex II of the latest EIA Regulation published in the Official Gazette dated 29.07.2022 and numbered 31907 and was also listed in Annex II of the repealed EIA Regulation dated 25.11.2014 that both require preparation of a Project Identification File (PIF) instead of a full EIA Report. In this respect, a PIF dated December 2021 has been prepared in line with the EIA Regulation dated 25.11.2014 and submitted to the Ministry of Environmental, Urbanization, and Climate Change (MEUCC) on the 23rd of December 2021. The EIA process has been completed and the “EIA Not Required” certificate dated 13th of June 2022 has been issued by the authority based on the submitted PIF. According to the latest EIA Regulation, the investment should start within 5 years as of the date the “EIA Not Required” certificate is issued, otherwise the “EIA Not Required” decision becomes invalid. The Project is classified as a Category B Project according to the WB OP 4.01.



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1 Introduction

1.1 Overview

This Stakeholder Engagement Plan (SEP) has been prepared for Çilimli Geothermal Well Drilling Project (“The Project”) to be carried out under the Sustainable Cities Project-II - Additional Financing (SCP-II-AF) in Çilimli District of Düzce Province and financed through World Bank (WB) and ILBANK A.Ş. (ILBANK).

ILBANK is the principal executive body of the Project acting as a financial intermediary as Borrower; whereas, WB and European Union (EU) will provide technical and financial support as Lenders. Çilimli Municipality (CM) is both the beneficiary and the executing organization of the Project. CM is responsible for the design and feasibility studies. The Project will be managed by CM, under the guidance and supervision of ILBANK.

This SEP includes the identification of stakeholders, their planned consultation activities, and the engagement process. This SEP is prepared in compliance with WB Safeguard Policies, including OPs (i.e., OP 4.01 and WB’s 2010 Policy on Access to Information), ESMF (including Stakeholder Engagement Framework) of ILBANK for SCP-II AF and Turkish legislation.

This SEP aims to establish and maintain a dialogue between CM and the stakeholders, affected communities, and groups of interest to successfully manage the environmental and social (E&S) impacts/risks for the construction and operation phases of the Project.

This SEP provides the stakeholder engagement framework to achieve the project objectives and operation. This SEP enhances the implementation of the Environmental and Social Management Plan (ESMP), by taking into account the stakeholders’ concerns.

CM has proposed a geothermal well drilling project as part of the SCP-II –AF Group 4 to serve the Çilimli District. The Project aims to identify, investigate, and develop the potential usage of geothermal water. ACE has been assigned to prepare environmental and social impact and risk assessment study reports for this Project.

1.2 Scope of SEP

This SEP aims to ensure that relevant, timely, and accessible information is provided to all stakeholders of the Project (including the direct and indirect stakeholders, direct and contracted workers of the Project, other interested parties) during the preparation and implementation of this Project.

The specific objectives of the SEP are as follow:

- to identify direct and indirect stakeholders, and other interested parties and to develop and maintain a timely, continuous, accurate and transparent



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communication strategy and maintain a constructive relationship with all stakeholders through a well-organized approach, throughout the Project,

- to identify the nature of stakeholder interest and support for the project and to enable stakeholders' views to be taken into account in project design and environmental and social (E&S) mitigation measures,
- to promote and provide means for effective and inclusive engagement with stakeholders and other interested parties throughout the project life cycle on issues that could potentially create an impact,
- to provide stakeholders with full information of the project and potential E&S risks and impacts in a timely, understandable, accessible format,
- to set out the structure of an accessible and inclusive grievance redress mechanism (GRM) for the stakeholder and the public and allow the PIU to respond to and resolve such grievances and issues raised.



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2 Environmental Policy and Legislation Framework

This SEP preparation is based on the relevant Turkish legislation, relevant WB Safeguard Policies, including OPs (i.e., WB OP 4.01 and WB's 2010 Policy on Access to Information) and ESMF of ILBANK prepared for SCP-II AF (including Stakeholder Engagement Framework). Moreover, it should be noted that during the implementation of the Project, the most stringent among national legislation and WB standards will be complied and the most up-to-date legislation will be considered.

2.1 National Framework

2.1.1 The Constitution of the Republic of Türkiye

The Constitution of the Republic of Türkiye is the fundamental document in respect to guaranteeing citizens' freedom of thought and opinion. The relevant articles are as following in particular:

- “Everyone is equal before the law regardless of distinction as to language, race, colour, sex, political opinion, philosophical belief, religion or any similar reasons. Men and women have equal rights which are the obligation to be ensured exist in practice by the government. Measures taken for this purpose shall not be interpreted as contrary to the principle of equality.” (Article 10)
- “No one shall be compelled to reveal their thoughts and opinions for any reason or purpose; nor shall anyone be blamed or accused because of his/her thoughts and opinions.” (Article 25)
- “Everyone has the right to express and disseminate his/her thoughts and opinions by speech, in writing or pictures, or through other media, individually or collectively. This freedom includes receiving or imparting information or ideas without interference from official authorities. This provision shall not preclude subjecting transmission by radio, television, cinema, or similar means to a licensing system.” (Article 26)
- “Citizens and foreigners residing in Türkiye, with the condition of observing the principle of reciprocity, have the right to apply in writing to the competent authorities and to the Grand National Assembly of Türkiye about the requests and complaints concerning themselves or the public” (Article 74).

2.1.2 The Law on the Right to Information

Everyone has the right to give information on the activities of public institutions and professional organizations, which qualify as public institutions. The procedure and the basis of the right to information according to the principles of transparency, equality and impartiality are regulated in the Right to Information Law No: 4982 (OG No. 25269, dated 24.10.2003).



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2.1.3 The Law on Use of the Right to Petition

Turkish Republic citizens have the right to petition the Turkish Grand National Assembly and the public authorities for their requests and complaints concerning themselves or the public according to the Article 3 of the Law on Use of the Right to Petition (Official Gazette (OG) dated 01.11.1984 and numbered 3071).

2.1.4 The Law on the Protection of Personal Data

The personal information to be used in line with the project is secured by the Law on the Protection of Personal Data (OG numbered 29677 and dated 07.04.2016) to protect the fundamental rights in the processing of personal data and freedoms of individuals. The purpose of this Law is to protect the fundamental rights and freedoms of individuals, especially the privacy of private life, in the processing of personal data, and to regulate the obligations of natural and legal persons who process personal data and the procedures and principles to be followed. In accordance with the law, personal data recorded cannot be shared with third parties.

2.1.5 Comparison of EIA Regulation and WB OP 4.01

The Turkish EIA procedures are, with some exceptions, in line with the WB's EA policies. The primary exceptions are in project categorization, content of EA and public consultation. Some subprojects covered by Turkish Annex II fall within the WB Category A. For example, where a significant new wastewater treatment plant (WWTP) is proposed for financing which, as a Category A project for the WB requires an ESIA, but under the Turkish EIA Regulation is identified as Annex II requiring a PIF, which after review and decision by MEUC may or may not require an EIA. Some subprojects that are not listed in either Annex I or Annex II of the Turkish EIA Regulation, such as a new WWTP servicing a population of less than 150,000 may under the WB policy be classified as Category B or even Category A project. The "pre-scoping" consultation, which is required by Turkish EIA Regulation for subprojects requiring an EIA, is largely equivalent to the first consultation required by WB for Category A subprojects. However, WB requires a consultation on draft EA for both Category A and Category B subprojects; there is no equivalent provision in the Turkish EIA Regulation. The Turkish EIA Regulation only requires announcement of the evaluation result together with the justification. On the other hand, WB has different consultation requirements for Category A and Category B projects. In line with the WB policies Category A projects require two (2) public consultations, one at the scoping stage (where typically the public will have the opportunity to comment on the Terms of Reference for the ESIA) and the second at the draft EA stage. For the Category B projects, in line with the OP 4.01, the draft EA should be made available to local NGOs and project affected groups. For Category B subprojects, the final approved ESMP report must be published on WB's website. For Category A subprojects, WB requires that the final ESIA report be made available to the public locally in addition to being published on WB's external website and submitted to the WB Board.



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2.2 International Framework

SEP follows the requirements of WB Safeguard Policies, including Operational Policies (OPs) that include environmental and social assessments of projects and other policies regarding environmental and social adverse impacts, and mitigation and prevention. Specific policies relevant to the Project are listed below:

- WB Environmental and Social Policies
- OP/BP 4.01 Environmental Assessment
- The World Bank Policy on Access to Information (July 2010)

WB Good Practice Note on Addressing Sexual Exploitation and Abuse and Sexual Harassment (SEA/SH) in Investment Project Financing involving Major Civil Works will be one of the key guidelines to be followed during the life of the Project for the effective maintenance of the GRM and the stakeholder engagement activities.

2.2.1 Operational Policies of World Bank

OP 4.01 - Environmental Assessment

The main objectives and tasks of the OP/BP 4.01 Environmental Assessment are ensuring environmental and social sustainability of proposed projects, informing decision-makers about environmental and social risks and increasing transparency through stakeholder participation in decision making.

The World Bank Policy on Access to Information

The WB recognizes that transparency and accountability are of fundamental importance to the development process and to achieving its mission to alleviate poverty. Transparency is essential to building and maintaining public dialogue and increasing public awareness about the Bank's development role and mission. It is also critical for enhancing good governance, accountability, and development effectiveness. Openness promotes engagement with stakeholders, which, in turn, improves the design and implementation of projects and policies, and strengthens development outcomes. It facilitates public oversight of Bank-supported operations during their preparation and implementation, which not only assists in exposing potential wrongdoing and corruption, but also enhances the possibility that problems will be identified and addressed early on.



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3 Project Description

This chapter provides the project characteristics, location, and categorization per national and international requirements.

3.1 Project Location

The Project will be implemented in the Çilimli District of Düzce Province in Türkiye. Table 3-1 shows the coordinates of drilling points and the locations of the extraction wells (SK-1, SK-2, and SK-3) are shown in Figure 3-1. The first drilling point is 656 blocks, parcel no 1, on the northeast corner of the District State Hospital on Düzce Street in Ulucami Neighborhood. The second drilling point is located on the Sarımeşe road junction going from Çilimli District to Akçakoca District Road, 510th m of Kiraztarla Village road. The last drilling point is located on the road at 600 m of Söğütlü Street in Söğütlü Village.

Table 3-1. Well Locations and Drilling Depths

Well No.	Region	Universal Transverse Mercator Coordinate System	
		East Coordinate	North Coordinate
SK-1	36 T	335415	4527963
SK-2	36 T	338387	4528054
SK-3	36 T	336581	4527467

Source: PIF for Çilimli Municipality, 2021

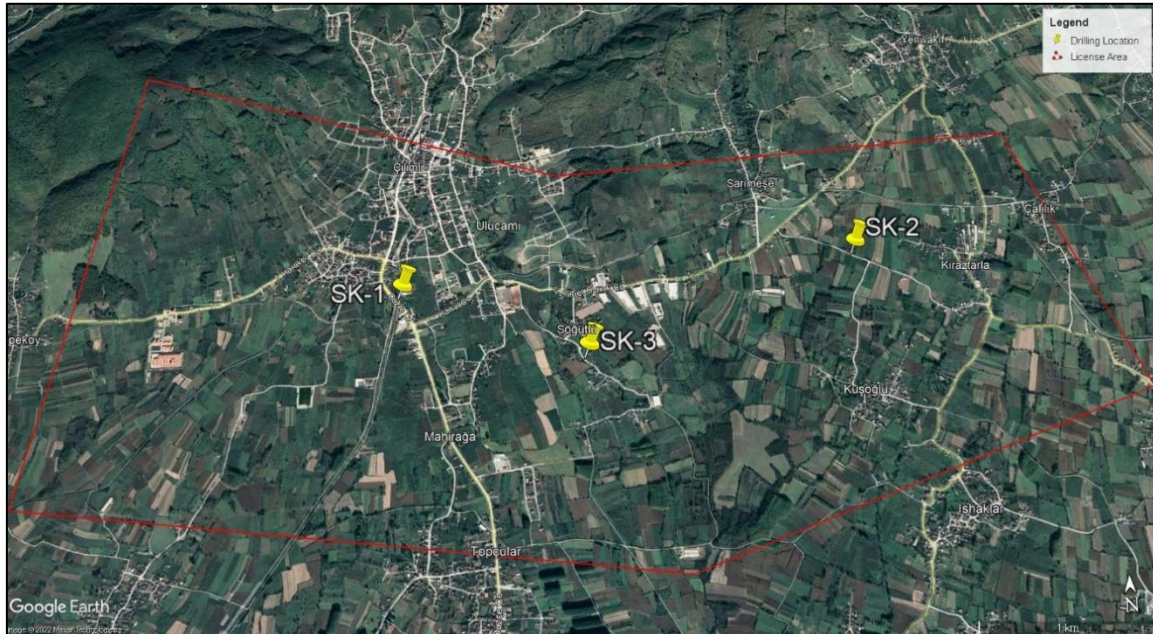


Figure 3-1. Geothermal Well Locations

Source: PIF for Çilimli Municipality, 2021



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3.2 Project Characteristics

The Project is the installation of three different extraction wells (SK-1, SK-2 and SK-3) to develop geothermal resources. The well locations are within the Geothermal Resource Exploration License obtained from Düzce Provincial Special Administration General Secretary on 01.09.2020 (valid until 01.09.2024) for 1,654 hectares (ha) located in the Çilimli District of Düzce Province. The drilling depths will be 700 m for the SK-1 well and 600 m for the SK-2 and SK-3 wells.

The responsible parties of the project are the Project Management Unit (PMU) of ILBANK implementing the Project as Borrower, WB and EU providing technical and financial support as Lenders, Çilimli Municipality, who is the Project Owner, in other words, the Sub-borrower of the project, Supervision Consultant, who will be selected by tender process to be opened by Çilimli Municipality and approved by ILBANK, assisting the Çilimli Municipality, the Contractor to be awarded for the project activities and also the Environmental and Social (E&S) Consultant, the ACE Consulting and Engineering Inc., who is responsible for preparing the environmental and social impact and risk assessment study reports, i.e. ESMP and SEP.

The project is listed in Annex II (List of Projects to be Applied with Selection-Screening Criteria - Article 39 – Exploration and/or extraction of geothermal source) of the latest EIA Regulation published in the Official Gazette dated 29.07.2022 and numbered 31907 and was also listed in Annex II of the repealed EIA Regulation dated 25.11.2014 that both require preparation of a Project Identification File (PIF). In this respect, a PIF dated December 2021 has been prepared in line with the EIA Regulation dated 25.11.2014 and submitted to the Ministry of Environmental, Urbanization, and Climate Change (MEUCC) on the 23rd of December 2021. The EIA process has been completed and the “EIA Not Required” certificate (see Annex-1) dated 13th of June 2022 has been issued by the authority based on the submitted PIF. According to the latest EIA Regulation, the investment should start within 5 years as of the date the “EIA Not Required” certificate is issued, otherwise the “EIA Not Required” decision becomes invalid. According to WB OP 4.01, the Project is classified as a Category B Project.

The Project will be implemented on municipal property and included in the zoning plan. There is no settlement in the project area. Therefore, no Resettlement Action Plan (RAP) work is required within the scope of the ESMP. Since the land where SK-3 will be drilled is under the legal entity of Söğütlü Village, above-mentioned opinion letter dated 25th of February 2022 from Söğütlü Village Headman stating work permit is in place in this respect.

Project activities will consist of:

- **Topsoil stripping:** The vegetative soil will be stripped from the site surface in the parts where the drilling activity will be carried out before the excavation work of the mud pits. The stripped topsoil will be temporarily stored in a designated area at the site for later use in the Rehabilitation of the land and green areas.



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- **Excavation works:** Earth material revealed during the excavation of the mud pits will be stored in the excavation storage area. The study areas will be restored when the drilling is completed.
- **Installation of the drilling rig:** The drill rig system consists of draw works, crane systems, pulleys, and motors. The drilling rig can be conventional fixed or movable/mobile. The rig parts are brought to the project area and assembled on site. The rig structure of the drilling machine will be strong enough to carry the drill and pipe string statically and movably and at the same time to withstand a certain wind power. As the height of the tower increases, the length of pipe it can take at one time increases, so the drilling process is faster.
- **Installation of mud pits:** One of the essential processes in drilling activities is the formation of the mud system. Within the Project's scope, in addition to the mud pit to be formed during the drilling process, a clean water tank will be created to prepare drilling fluid, a clean water tank to ensure the reuse of the water released during the drilling process. A circulation tank will be created to reuse the water used during the drilling process.
- **Drilling works:** A rotary drilling machine will be used in the drilling method to explore the geothermal resource within the scope of the Project. In the rotary drilling technique, the formation fragments formed as a result of breaking the formation by the incisors of a rotating drill under pressure will be thrown out with water. In this method, tearing with rotation is dominant, and the progress is provided by pressure and torque. The rotation process is the system that creates the drilling process in rotary drilling. A depth of 17.5 inches to 70 meters will be descended, and a 14-inch spiral welded casing pipe will be lowered to isolate surface loose formation and groundwater, if any.
- **Piping works:** Piping is conducted to the drilling depth specified within the scope of the project.
- **Cementing works:** Cementing is the process of filling the casing pipe/well walls with cement mortar. The material known as cement mortar is formed by mixing cement and water. The cementing process ensures that the casing pipes bond with each other and the well wall (formation) to provide load-bearing and resistance against special well conditions. In addition, wells opened and closed with casing pipes will be cemented up to the surface.
- **Well-completion tests:** Within the Project's scope, wellheads will be equipped with wellhead equipment in the supply of resources. The wells where geothermal resource is detected will be closed after installing the equipment used in the production wells, namely wellhead, so that the fluid is healthy and does not pollute the environment.
- **Land rehabilitation activities:** After the drilling work at each drilling point is completed, the excavation soil will be laid in the pit areas, and the rehabilitation of the area will be carried out.

If well tests are successful, the casing pipe will be lowered, and the well mouth will be closed with a valve to protect the well. A closure process will be carried out if well tests show a low potential of the geothermal resource.



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A drilling mud pit and an excavation soil storage area will be constructed at all drilling points. Since they are located on the road, a topsoil storage area will not be necessary for the SK-2 and SK-3 drilling locations. A topsoil storage area will be needed only at the SK-1 drilling location. The areas for these project components are given in Table 3-2.

Table 3-2. Project Component Areas

Well No.	Project Area m ²	Mud Pit Area m ²	Topsoil Storage Area m ²	Excavation Soil Storage Area m ²
SK-1	581.74	45	65	65
SK-2	96.65	40	-	30
SK-3	146.19	40	-	30

Source: PIF for Çilimli Municipality, 2021

The planned Project schedule has not been available for the Supervision Consultant review. However, based on the Project's PIF, it is planned that the land preparation process will be carried out in 7 days. Totally; 3 months, 25 days, 8 hours of single shift work will be conducted within the scope of the Project. The three wells will not be drilled simultaneously but rather will be drilled sequentially.

A site reconnaissance visit was conducted on 2nd of November 2021. A photo taken from the SK-1 drilling location during the site visit is shown in Figure 3-2.



Figure 3-2. Photograph Showing Drilling Well Location SK-1

In addition to the Akdere Stream adjacent to the SK-1 drilling location as shown in Figure 3-2, houses are close to the drilling location. These sensitive receptors will be subjected to the environmental and social impacts/risks of the project activities (see Figure 3-3).



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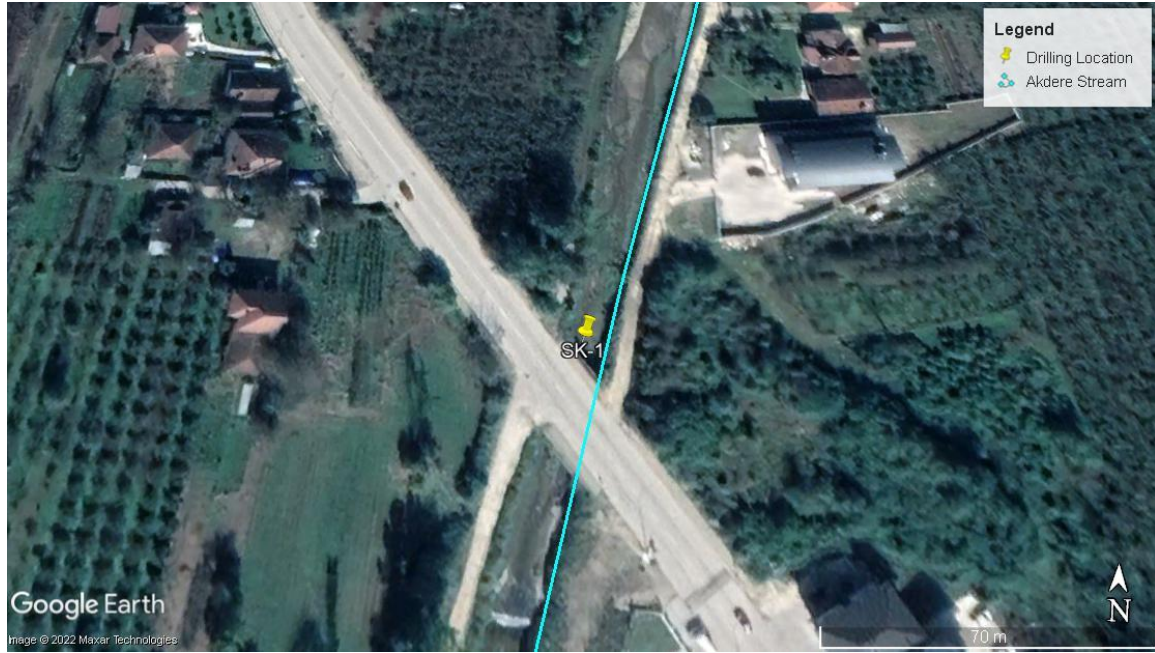


Figure 3-3. Satellite View of the Akdere Stream and Houses nearby the SK-1 Drilling Location

The photos taken from the SK-2 and SK-3 drilling locations during the site visit are shown in Figure 3-4 and Figure 3-5, respectively.



Figure 3-4. Photograph Showing Drilling Well Location SK-2



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Figure 3-5. Photograph Showing Drilling Well Location SK-3

Whereas the SK-2 drilling well will be located adjacent to a green field, houses are adjacent and close to the SK-3 drilling location. These are sensitive receptors that will be more subjected to the environmental and social impacts of the project activities (see Figure 3-6 and Figure 3-7).



Figure 3-6. Satellite View of the SK-2 Drilling Location



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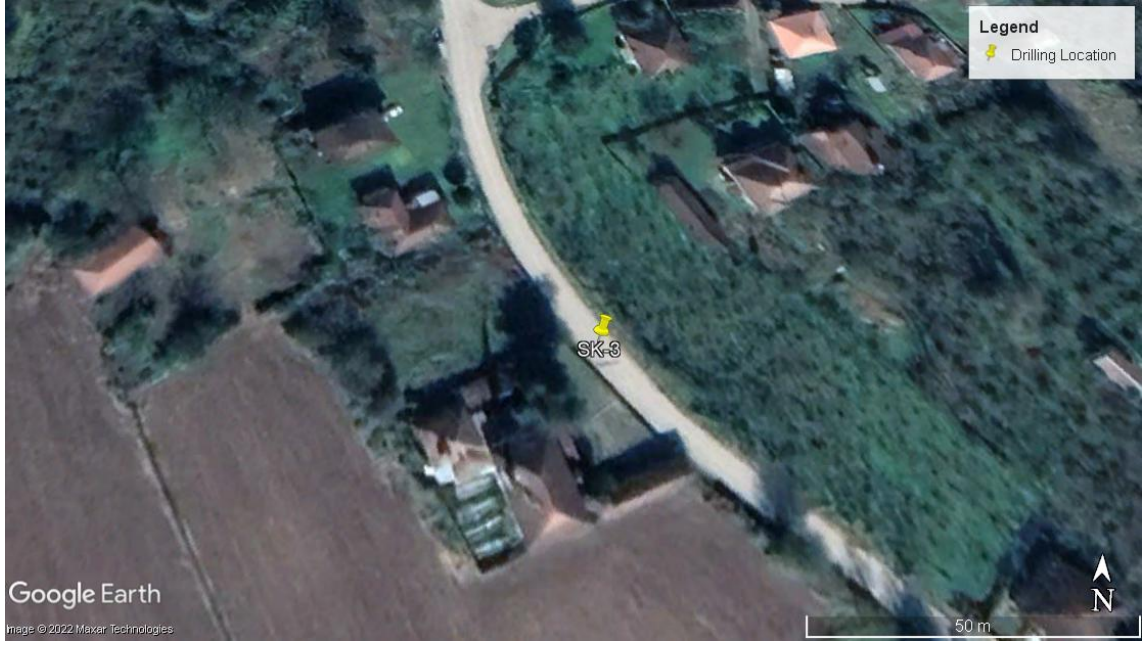


Figure 3-7. Satellite View of the Houses Adjacent and Close to the SK-3 Drilling Location



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4 Previous Stakeholder Engagement Activities

The Project aims to identify, investigate, and develop the potential usage of geothermal water. The project is listed in Annex II of the latest EIA Regulation published in the Official Gazette dated 29.07.2022 and numbered 31907 and was also listed in Annex II of the repealed EIA Regulation dated 25.11.2014 that both require preparation of a PIF instead of a full EIA Report. In this respect, a PIF dated December 2021 has been prepared in line with the EIA Regulation dated 25.11.2014 and submitted to the MEUCC on the 23rd of December 2021. The EIA process has been completed and the “EIA Not Required” certificate dated 13th June 2022 has been issued by the authority based on the submitted PIF. According to the latest EIA Regulation, the investment should start within 5 years as of the date the “EIA Not Required” certificate is issued, otherwise the “EIA Not Required” decision becomes invalid. Within the scope of the Project, an ESMP has been prepared to evaluate the E&S impacts and define associated mitigation measures.

According to EIA Regulation, for projects fall into Annex I or the projects fall into Annex II but received “EIA Required”, a Public Information and Participation Meeting is required to be held. Even if not required by national regulation, for all Category B subprojects proposed for WB financing, the Borrower is required to consult subproject-affected groups and NGOs about the subproject’s environmental and social aspects during the EA and take their view into account in compliance with WB OP 4.01. The Borrower is obliged to initiate such consultations as early as possible. For Category B subprojects, at least one consultation is held with affected groups and local NGOs. In addition, the Borrower is required to consult with such groups throughout project implementation as necessary to address EA-related issues that affect them.

4.1 Consultation Meetings with the Municipality and Site Visits during Preparation of the ESMP

The Project site was visited on 2nd of November 2021 by ACE experts (Project Coordinator and Environmental Engineer). A meeting was conducted with the Civil Work Director from CM in the Municipality building. The CM representative was informed about ACE’s job description, the scope of studies to be performed and which data will be asked from CM. ACE explained the process of the preparation ESMP and SEP documents and what kind of studies will be performed. Information was requested on the zoning status of the project area, the residential areas on the project area, and places to be confiscated if any. The CM representative stated that the project area is the CM’s land, that no expropriation is required, and that there is no residential area at the project area. After the meeting, a site visit was performed.

According to the information obtained from the CM, there are three well drilling within the scope of the Project, and there is no settlement in the project area.



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4.2 Preliminary Public/Stakeholder Consultation Activities

Even if not required by national regulation, for all Category B subprojects proposed for WB financing, the Borrower is required to consult subproject-affected groups and NGOs about the subproject's environmental aspects during the EA and take their view into account in compliance with WB OP 4.01. Therefore, an initial public/stakeholder consultation meeting (2nd of November 2021) was held to inform the people residing in the region, who are likely to be affected by the planned Project and other interested stakeholders about the activity and to receive and evaluate their views on the Project.

To ensure the sufficient participation of stakeholders in this meeting, it was ensured that the necessary announcements were made through various tools. Newspaper advertisements were published in Gündem and Manşet newspapers on 23rd of October 2021. Hanger flyers were placed at certain locations. Local people and authorities from several organizations were invited to the meeting. Participants' identities were recorded in participants' lists. Newspaper announcements, hanger flyers and the brochures distributed at the meeting are presented in Annex-2.

The Public/Stakeholder Consultation Meeting was conducted on 2nd of November 2021 at CM Council Chamber by taking necessary COVID-19 measures. The meeting was held with the participation of 26 people (26 male), all of whom are the mukhtars of neighborhoods and villages in Çilimli District (Arabacı, Mahırağa, Şerefiye, Topçular, Ulucami, Yeşil, Yeşiltepe neighbourhoods and Alamescit, Bıkkıbaşı, Çalılık, Dikmeli, Döngelli, Esenli, Hızardere, İshaklar, Kafayla, Karaçörtlen, Kırkharman, Kiraatarla, Kuşoğlu, Pırpır, Sarımeşe, Söğütlü, Tepeköy, Yeniköy, Yenivakıf and Yukarıkaraköy Villages).

At the beginning of the meeting, presentations covering technical details of the Project and details on SCP II-AF, implementation arrangements, purpose and scope of the environmental and social assessment documents prepared for the project have been delivered by CM and ACE, respectively.

During the meeting, a suggestion/grievance form prepared beforehand (see Annex-2) was distributed to all participants to obtain their concerns, complaints, and comments about the Project. The form consists of information of participants, views, and complaints about the Project. The participant lists and/or the forms used during stakeholder engagement activities are kept in the records and are shared in the SEP after the respective lines containing personal data are blurred considering "The Law on The Protection of Personal Data" (see Annex-2). The suggestion/grievance forms were gathered from the participants; none of the participants filled out the form.

During the meeting communication details through which the stakeholders can submit/share their comments, concerns, questions, etc. have been provided to the stakeholders.



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At the end of the meeting, there was also a question/answer session where participants raised questions, concerns, and suggestions. The questions were generally about possible negative effects on topography, hazelnut production, and agricultural activities and the advantages of the Project for the public. Although most of the questions were about what will happen after drilling of geothermal wells and not related to the Project, all the questions were answered by the ACE expert and the CM Representative kindly. It was clearly stated that the Project only covers the drilling of geothermal wells. The minutes of the preliminary public/stakeholder consultation meeting is provided in Annex-2.

In conclusion, the public/stakeholder consultation meeting provided local people with more detailed information about the Project, the project implementation process, the purpose and objective of ESMP and SEP, and the importance of identification of E&S impacts/risks and the associated mitigation measures. It has been seen that although local citizens have some concerns about the Project, they support the Project. The photographs taken during the meeting are given in Figure 4-1.

In addition, phone interviews were conducted on 20th of October 2022 with the headmen of Ulucami neighborhood, Kiraztarla and Söğütlü villages, where drilling wells will be located. The headmen of the neighborhoods were informed about the project and the information about social baseline of the neighborhoods were discussed.

Based on phone interviews conducted with the headmen of Ulucami neighborhood, Kiraztarla and Söğütlü villages; the following information was gathered:

- The age distribution is mostly between 30-60, between 40-60 and under 50 and the approximate number of households are 400, 85 and 110 for Ulucami neighbourhood, Kiraztarla village and Söğütlü village, respectively. There are vulnerable/disadvantaged individuals/groups in Ulucami neighbourhood, Kiraztarla village and Söğütlü village as given in Table 5-4.
- Livelihoods in the Kiraztarla village, Söğütlü village and Ulucami neighbourhood are agriculture, livestock and industry sectors; the average monthly income data in the neighbourhoods varies between 4,000 TL – 8,000 TL; and people living in the neighbourhoods are usually owners of their houses.
- People tend to work in the private sector and in their own businesses. The headmen indicated that most of the residents; (i) in Kiraztarla village are retired, (ii) in Söğütlü village are working in the private sector and retired, (iii) in Ulucami neighbourhood are working in the private and public sectors, and retired.
- There are two kindergartens, one primary school and one secondary school, one high school and one university (2-years) in Ulucami neighbourhood; there are no schools within the borders of Kiraztarla and Söğütlü villages.
- There is one hospital and four pharmacies in Ulucami neighbourhood, there are no health facilities in Kiraztarla and Söğütlü villages.



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Figure 4-1. Sample Photos of the Preliminary Public/Stakeholder Consultation Meeting

A second stakeholder consultation meeting was conducted on 4th of January 2024 after the submission of the draft ESMP of the Project to ILBANK/WB and its approval. Minutes of meeting and other information related to the meeting are presented in Annex 7.



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5 Stakeholder Identification and Analysis

In line with the definitions of international standards, this SEP recognizes a stakeholder as any individual, organization, or group that is potentially affected by the Project or that has an interest in the Project and its impacts.

The purpose of stakeholder identification is to determine and prioritize the project stakeholders for consultation that may be affected (either directly or indirectly positively or negatively) by the Project or that have an interest in the Project but are not necessarily directly impacted by it.

According to TurkStat, the population of Çilimli District is 19,648 in 2022. This population consists of 11,282 men and 8,366 women. As a percentage, 57.42% are men, and 42.58% are women. The age and gender distribution of the district are given in Table 5-1 and Figure 5-1.

Table 5-1. Age and Gender Data of Çilimli District

Age Group	Male	Female	Male (%)	Female (%)
0-4	478	468	2,43	2,38
5-9	568	499	2,89	2,54
10-14	577	511	2,94	2,60
15-19	556	461	2,83	2,35
20-24	739	532	3,76	2,71
25-29	906	523	4,61	2,66
30-34	936	539	4,76	2,74
35-39	1056	566	5,37	2,88
40-44	1070	635	5,45	3,23
45-49	997	538	5,07	2,74
50-54	808	562	4,11	2,86
55-59	752	596	3,83	3,03
60-64	607	573	3,09	2,92
65-69	517	499	2,63	2,54
70-74	348	375	1,77	1,91
75-79	188	240	0,96	1,22
80-84	121	148	0,62	0,75
85-89	50	65	0,25	0,33
90+	8	36	0,04	0,18

Source: TurkStat, 2022



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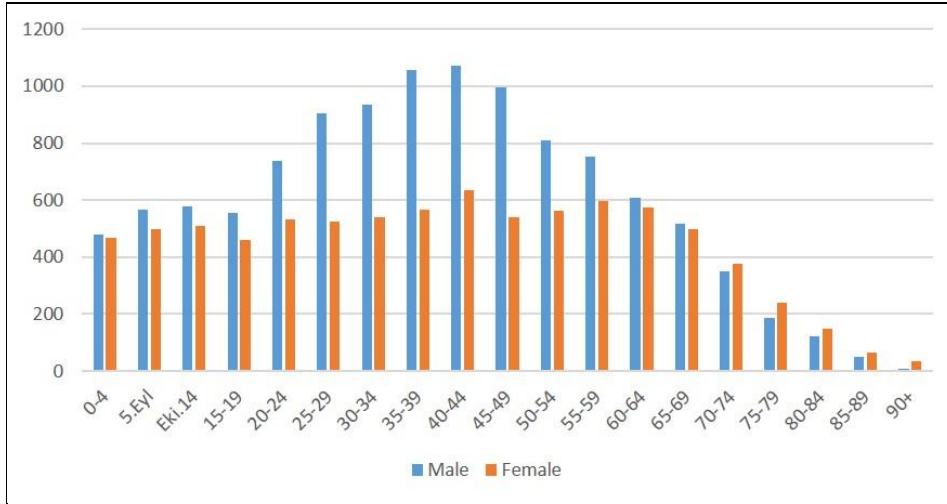


Figure 5-1. Age and Gender Distribution of Çilimli District

Source: TurkStat, 2022

The migration statistics in Düzce Province between the years 2016-2021 is given in Table 5-2 (TurkStat, 2019).

Table 5-2. Immigrants and emigrants by citizenship in Düzce Province, 2016-2021

Year	Total population			Immigrants			Emigrants			Net migration
	Total	Turkish Republic citizens	Foreign nationals	Total	Turkish Republic citizens	Foreign nationals	Total	Turkish Republic citizens	Foreign nationals	
2021	400,976	393,998	6,978	1,632	523	1,109	742	267	475	890
2020	395,679	389,471	6,208	1,111	489	622	983	191	792	128
2019	392,166	385,831	6,335	1,722	441	1,281	1,236	261	975	486
2018	387,844	381,909	5,935	2,897	542	2,355	925	299	626	1,972
2017	377,610	373,616	3,994	1,780	451	1,329	714	293	421	1,066
2016	370,371	366,744	3,627	2,214	411	1,803	525	196	329	1,689

Source: TurkStat, International Migration Statistics, 2016-2022

The drilling locations are in Ulucami Neighborhood, Söğütlü Village and Kiraztarla Village, which has a population of 2,042, 316, and 283, respectively. The distribution of the population in Ulucami Neighborhood, Söğütlü Village and Kiraztarla Village is given in Table 5-3.



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Table 5-3. Population Distribution in Ulucami Neighbourhood, Söğütlü Village and Kiraztarla Village

Location	Male	Female	Total
Ulucami Neighborhood	1,002	1,040	2,042
Kiraztarla Village	134	146	280
Söğütlü Village	150	167	317

The communities potentially to be affected by the Project are residents in Ulucami Neighborhood, Kiraztarla Village and Söğütlü Village. Considering the fact that the settlements closer than 75 m from the drilling locations will be the potential sensitive receivers of noise generation as reported in the PIF, the area of influence (AoI) of the Project can be defined as 100 m radius of each drilling location and illustrated in the map given in

Figure 5-2. Within this AoI, potential receptors can be listed as follows:

- Project area covering the existing roads, where geothermal well drilling will be conducted.
- Ulucami Neighborhood, Kiraztarla Village and Söğütlü Village, where drilling activities will be conducted.
- Residents close to the SK-1 and SK-3 drilling locations.
- Institutional facilities, include Çilimli District State Hospital and Söğütlü Mukhtar Office close to the SK-1 and SK-3 drilling locations, respectively.
- Commercial facility, including a pharmacy (Eczane Doğan) close to the SK-1 drilling location.
- Akdere Stream adjacent to the SK-1 drilling location.



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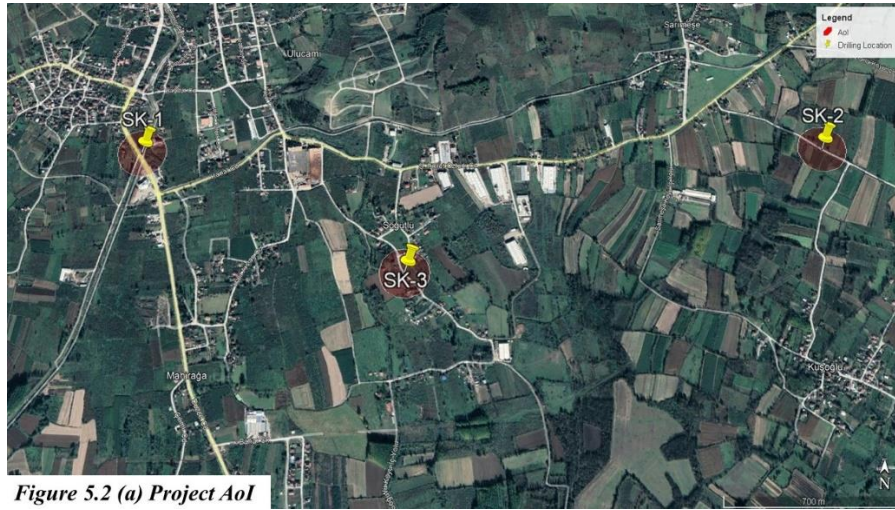


Figure 5-2. Project's Area of Influence and Neighborhoods/Villages Where the Major Communities Potentially to be affected by the Project



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The following categories of stakeholders have been identified as being affected by or potentially interested in the Project:

- Affected stakeholders,
- National governmental and NGOs,
- Local governmental organizations and NGOs,
- Local businesses and universities,
- Local Media.

In the stakeholder identification process, the dynamics between the stakeholders, the risks and opportunities of being involved in the project are taken into account. The basis of stakeholder identification is the level of interest and interaction with the project. Accordingly, stakeholders will be gathered in the following categories;

- Affected Parties (Directly and/or Indirectly)
- Other Interested Parties (OIPs)
- Vulnerable/Disadvantaged groups/individuals

The objective of stakeholder identification is to determine which stakeholders may be directly or indirectly affected (“affected parties”) or have an interest in the Project (“other interested parties”) and Vulnerable/Disadvantaged Individuals/Groups. For stakeholder engagement to be effective, it is necessary to determine who the stakeholders are, to understand their needs and expectations for engagement, and their priorities and objectives in relation to the Project.

Directly Affected Parties/Stakeholders:

- Local residents (potentially PAP including land owners/users and vulnerable/disadvantaged individuals/groups),
- Public administrations directly involved at national, provincial and district level,
- Legal or illegal users of the project area.

Indirectly Affected Parties/Stakeholders:

- Residents living outside the project area in Çilimli District,
- Public administrations indirectly involved at national, provincial and district level,

Other Interested Parties:

- National governmental organizations and NGOs,
- Local governmental organizations and NGOs,
- Local businesses and universities,
- Local Media.



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Vulnerable/Disadvantaged Individuals/Groups

As part of the stakeholder identification process, it is also essential to identify individuals and groups differentially or disproportionately affected by the Project because of their disadvantaged or vulnerable status. The potential vulnerable/disadvantaged groups are as follows:

- Households with physically and / or mentally disabled family members,
- People with chronic diseases,
- Elderly people over 70 years of age who live alone and in need of care,
- Female-headed households,
- Households where the head of the household is a child,
- Households with low or no income, and
- Refugee households.

Based on the information provided by the headmen, there are vulnerable/disadvantaged individuals/groups in Ulucami neighborhood, Kiraztarla village and Söğütlü village. The list of these groups is given in Table 5-4. Social services, district governorship, and headmen look after these groups if they apply to these institutions. These groups need financial aid, supplies, and shelter.

Table 5-4. Vulnerable/Disadvantaged Individuals/Groups in the Neighbourhoods

Type	Kiraztarla	Söğütlü	Ulucami
People who live with the assistance of others	3 households	1-2 people	5 people
Poor people	Not known	6-7 people	5 people
Old people	1-2 people	2 people	5-6 people
Female households	2-3 households	1-2 households	1-2 people
Physically handicapped people	1 person	1-2 households	2-3 people
Mentally handicapped people	2 people	1-2 people	3-4 people

In this respect, a comprehensive list of the stakeholders is given in Table 5-5.

Table 5-5. Comprehensive List of the Stakeholders Identified for the Project

Stakeholder Category	Level	Stakeholder Group	Definitive Stakeholders	Specific Interest/Relevance
Directly Affected Stakeholders	Local	Residential Areas/Local Communities/ Potentially Project Affected People/ Affected Land Owners / Users	Neighborhoods; Ulucami, Villages; Kiraztarla, Söğütlü, Residents adjacent and close to the Project area (SK-3 and SK-1 drilling locations)	<ul style="list-style-type: none"> - Overview of E&S impacts - Community engagement for assessing the effectiveness of mitigation measures - Cooperation to maximize benefits and planning for local employment and the supply of goods and services - Ensuring that vulnerable/disadvantaged individuals/groups have access to sufficient information about the



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Stakeholder Category	Level	Stakeholder Group	Definitive Stakeholders	Specific Interest/Relevance
				Project, ensuring that they benefit equally from the Project
Indirectly Affected Stakeholders	National	Ministries and Relevant Central Authorities	MoEUCC	<ul style="list-style-type: none"> - National and regional planning and development - Project-related permitting processes, mitigation measures implementation - Policy formulation - Interaction between parties - Management of cumulative Impacts
			Ministry of Agriculture and Forestry	
			Ministry of Culture and Tourism	
			Ministry of Energy and Natural Resources	
			Ministry of Foreign Affairs	
			Ministry of Labor and Social Security	
			General Directorate of Environmental Management	
			General Directorate of State Hydraulic Works (SHW)	
			General Directorate of Water Management	
			Ministry of Interior Disaster and Emergency Management Presidency (AFAD)	
Other Interested Parties	Local	NGOs	Chamber of Environmental Engineers	<ul style="list-style-type: none"> - Engagement with environmental, health and safety (EHS) and social impact/risk mitigations for the Project
			Environment Foundation of Türkiye	
			Nature and Environment Foundation (DOÇEV)	
			Environment Protection Foundation of Türkiye (TÜÇEV)	
			Nature Association (Doğa Derneği)	
			Türkiye Environment Platform (TÜRÇEP)	
			Geothermal Power Plant Investors Association (JESDER)	
			Other relevant national NGOs	
		Governmental / Local Authorities and Agencies	Governorship of Düzce	<ul style="list-style-type: none"> - Project-related permitting processes - Coordination of project activities and processes - Management of environmental and social impacts/risks (waste, wastewater) and mitigation measures - Policy formulation - Emergency preparedness and coordination - Planning of social responsibility/social development projects - Interaction between parties
			Düzce Metropolitan Municipality	
			Kocaeli Regional Directorate of Cultural Heritage Preservation Board	
			Düzce Provincial Directorate of Environment, Urbanization and Climate Change (PDEUC)	
			Düzce Municipality Water and Sewerage Directorate	
			Düzce Provincial Directorate of Agriculture and Forestry	
			Chamber of Commerce and Industry	
			Çilimli Municipality	
			District Governor of Çilimli	



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Stakeholder Category	Level	Stakeholder Group	Definitive Stakeholders	Specific Interest/Relevance
			Düzce Provincial Directorate of AFAD	
			Düzce Provincial Special Administration Directorate of Environment Protection and Control	
			Muhktars of region; Ulucami, Mahırağa, Arabacı, Şerifiye, Topçular, Yeşil, Yeşiltepe Neighborhoods	
			Düzce Turkish Employment Agency (İŞKUR)	
			General Directorate of Highways 4 th Regional Directorate - Ankara	- Construction and operation activities within their scope of responsibilities
			Provincial Directorate of Turk Telecom	
			55 th Regional Directorate of SHW	
			SEDAŞ	
			Post, Telegraph and Telephone Administration (PTT)	
			Düzce Irrigation Union	- Engagement with EHSS impacts and mitigations
			Düzce Provincial Agency of the Union of Turkish Engineer and Architect Chambers (TMMOB)	
			Provincial Representative of the Turkish Foundation for Combating Erosion, Reforestation and the Protection of Natural Habitats (TEMA)	
			TÜRÇEP West Black Sea Environment Platform	
			Trade Unions	
			Düzce City Council	
			Organic Agriculture and Apiculture Development Association Around Düzce Province	
			Other relevant local NGOs	
		Business Enterprises	Business enterprises located in the Project area	- Supply of goods and services related to the project
		Universities	Düzce University	- Technical consultancy
		Local Media	Local newspapers, local magazines, local TV channels, etc.	- Project information disclosure to the stakeholders
			Düzce Journalists' Association	
Vulnerable /Disadvantaged Individuals/ Groups	Local	Vulnerable/ Disadvantaged Individuals/ Groups	<ul style="list-style-type: none"> Households with physically and / or mentally disabled family members, People with chronic diseases, 	<ul style="list-style-type: none"> Overview of E&S impacts Community engagement for assessing the effectiveness of mitigation measures



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Stakeholder Category	Level	Stakeholder Group	Definitive Stakeholders	Specific Interest/Relevance
			<ul style="list-style-type: none">• Elderly people over 70 years of age who live alone and in need of care,• Female-headed households,• Households where the head of the household is a child,• Households with low or no income, and Refugee households.	<ul style="list-style-type: none">- Cooperation to maximize benefits and planning for local employment and the supply of goods and services- Ensuring that vulnerable/disadvantaged individuals/groups have access to sufficient information about the Project, ensuring that they benefit equally from the Project



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6 Stakeholder Engagement Program

The SEP is a control mechanism that ensures the implementation of key principles during the project. The engagement activities will be scheduled in a manner to ensure maximum involvement of relevant stakeholders. To maximize stakeholder engagement, it prevents disruption of local stakeholders' daily work and regulates the timing and number of engagement activities. Accordingly, recording the findings and feedback together in accordance with all engagement activities, sharing them with the responsible parties, and following the process are essential. Also, engagement activities need to be culturally appropriate, provided equal access to relevant stakeholders, and enable their feedback. Ultimately, all engagement activities are in accordance with the project-specific SEP schedule and parallel to the commitments made in ESMP.

Upon completion of the ESMP and SEP, consultation meetings with stakeholders and local NGOs are required for Category B subprojects in accordance with WB OP 4.01 and SCP-II AF's ESMF. Registration forms and full meeting minutes of those attending the consultations will be recorded, but not made publicly available as an appendix to the SEP. While the SEP is being announced, the relevant lines containing personal data will be blurred considering the Personal Data Protection Law. All supporting documents for stakeholder activities (newspaper advertisements, participant list, meeting minutes, and sample brochure) will be included in the SEP.

Considering the potential vulnerable/disadvantaged individuals/groups, the summary of project stakeholder needs is given in Table 6-1.

Table 6-1. Project Stakeholder Needs

Community	Stakeholder group	Key characteristics	Language needs	Preferred notification means (e-mail, phone, radio, letter)	Specific needs (accessibility, large print, child care, daytime meetings)
Ulucami Neighborhood, Kiraztarla, and Söğütlü Villages	People who live with the assistance of others	3 households in Kiraztarla 1-2 people in Söğütlü, 5 people in Ulucami	Official language	Written information, radio	Graphics, education on process
	Poor people	6-7 people in Söğütlü, 5 people in Ulucami	Official language	Written information, radio	Graphics, education on process
	Old people	1-2 people in Kiraztarla, 2 people in Söğütlü, 5-6 people in Ulucami	Official language	Written information, radio Visit at their own places	Graphics, education on process
	Female households	2-3 households in Kiraztarla, 1-2 households in Söğütlü, 1-2 households in Ulucami	Official language	Written information, radio	Child care for meetings—late afternoon preferred timing



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Community	Stakeholder group	Key characteristics	Language needs	Preferred notification means (e-mail, phone, radio, letter)	Specific needs (accessibility, large print, child care, daytime meetings)
	Persons with disability	1 person in Kiraztarla, 1-2 households in Söğütlü, 2-3 people in Ulucami	Official language and/or sign language	Written information, radio and/or face-to-face with competent person on sign language if possible	Accessibility i.e. providing transportation
	Other groups	Number of person (TBD)	Official language	Written information, radio Visit at their own places	Graphics, education on process

The final approved SEP will be disclosed by ILBANK and CM to the stakeholders to inform on the potential benefits of the planned Project and the potential adverse impacts and associated mitigation measures through appropriate methods.

Communication and information throughout the construction and operation phases of the Project will be recorded through a sample for stakeholder engagement log given in Table 6-2 and will be conducted with the methods described in Table 6-3.

Table 6-2. Sample Table for Stakeholder Engagement Log

Project Phase	Date and Location	Method used	Purpose of Activity	Target Stakeholders	Meeting Summary/ Key Issues Raised	Follow-up Actions

The Consultation Form used during the stakeholder engagement process is provided as Annex 3 of this plan. Similar to GRM which to be detailed in Chapter 9, follow-up actions will be clarified by managements of Project Implementation Unit (PIU) and/or Contractor. Subsequently, Consultation Form together with Stakeholder Engagement Log will be filled accordingly by Community Liaisons Officers (CLOs) to be assigned by CM as explained in Chapter 9. Then relevant consulted stakeholder is informed via phone call and/or e-mail by the CLOs regarding the follow-up actions. Therefore, time periods to be adopted during GRM process will be also considered during consultation process as well.

The following measures can be considered for the vulnerable/disadvantaged stakeholders to ease their participation if needed:

- Providing translation for the refugees who do not understand/speak Turkish,
- Providing written materials related to Project information in larger fonts and in Braille system, when/where needed,
- Choosing accessible venues for the consultation events and/or providing transportation for the people in remote areas (for example in villages),



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- Organizing small events or meetings for the vulnerable people depending on their sensitivity (for example a small meeting for deaf individuals accompanied by a sign language expert),
- Organizing the events/meetings or consultation processes with the vulnerable/ disadvantaged individuals/groups in coordination with the relevant NGOs (if any) (for example, for physically disabled people, organizing the meeting/event with the help of Solidarity Association of Physically Disabled).



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Table 6-3. Stakeholder Engagement Program during the Preparation, Implementation and Construction and Operation Phases

Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
Preparation	<ul style="list-style-type: none"> Inform about project related E&S instruments (ESMP, SEP, etc.) 	<ul style="list-style-type: none"> Disclosure of full project related E&S instruments (ESMP, SEP, etc.) 	<ul style="list-style-type: none"> CM website Information boards at local mukhtar offices and project site 	Direct stakeholders	<ul style="list-style-type: none"> Before the start of construction activities (announcements will be made at least 15 days before the consultation event) 	<ul style="list-style-type: none"> Contractor Project Implementation Unit (PIU)
Preparation	<ul style="list-style-type: none"> Consult the authorities about relevant permissions before construction, during construction and during operation Collaborate with the authorities on emergency preparedness and response plan 	<ul style="list-style-type: none"> Up-to-date information on the Project for disclosure Consultation on permitting, environmental, occupational and social issues, Community management, Emergency preparedness and response collaboration 	<ul style="list-style-type: none"> Face to face meetings Email correspondence or other means Invitations to public/community meetings Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	Indirect stakeholders	<ul style="list-style-type: none"> Before the start of construction activities (at least 15 days before the consultation event) 	<ul style="list-style-type: none"> PIU Community Liaison Officer (CLO) (CM & Contractor) Supervision Consultant
Preparation	<ul style="list-style-type: none"> Deliver information regarding requirements and opportunities of local procurement and service provision Disclose information on Project, E&S aspects and associated impacts of which related to construction / operation activities 	<ul style="list-style-type: none"> Particular information on required goods and services Project information, E&S, construction / operation impacts and associated mitigation measures. Grievance Management 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) 	Direct stakeholders	<ul style="list-style-type: none"> At least 15 days before the project start 	<ul style="list-style-type: none"> Contractor PIU Supervision Consultant
Preparation	<ul style="list-style-type: none"> Inform the mukhtars about all aspects of Project-related information to include project timeline, and conditions that may affect daily routines that 	<ul style="list-style-type: none"> Project presentation document covering the nontechnical information of the Project Brochures covering information on the 	<ul style="list-style-type: none"> Periodic and needed face to face meetings Grievance forms Review grievances on an appropriate basis. 	Direct stakeholders	<ul style="list-style-type: none"> At least 15 days before the project start 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
	<p>may occur during Project construction and operation, E&S impacts and mitigations (all of the impacts/risks identified, and mitigations measures described in the ESMP),</p> <ul style="list-style-type: none"> Assess complaints and feedback from residents 	<p>communication channels as well as a non-technical summary (NTS) of the Project including E&S issues regarding the Project</p> <ul style="list-style-type: none"> Consultation and grievance forms (Open & Close-Out) 	<ul style="list-style-type: none"> Stakeholder consultation meeting announcements 			
Preparation	<ul style="list-style-type: none"> Deliver information on the Project, working conditions and worker management including worker rights and OHS management addressed in the Project-specific E&S policy and other relevant ESMS documentation 	<ul style="list-style-type: none"> Employment contracts Through selected worker representatives ESMP, sub-management plans/procedures H&S-related announcements GRM forms and guidance Training documents/materials (i.e. presentations) 	<ul style="list-style-type: none"> Communicating relevant written documentation with the Project employees Induction and orientation trainings Project Brochures Presentations 	Direct stakeholders	<ul style="list-style-type: none"> At the time of recruitment 	<ul style="list-style-type: none"> PIU Contractor
Preparation	<ul style="list-style-type: none"> Deliver all aspects of project-related information to include project timeline and conditions that may affect daily routines that may occur during Project construction and operation, E&S impacts/risks and mitigations (all of the impacts and mitigations identified in the ESMP) Assess complaints and feedback from stakeholders 	<ul style="list-style-type: none"> Project information, E&S issues based on specific stakeholder groups in a suitable and understandable language/format 	<ul style="list-style-type: none"> Non-technical meetings-disclosure Face to face meetings Focus group discussions/ separate informative meetings for land issues Project Brochures Presentations 	Direct stakeholders OIPs	<ul style="list-style-type: none"> At least 15 days before the project start 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant
Preparation	<ul style="list-style-type: none"> As a response to concerns on the Project 	<ul style="list-style-type: none"> Particularly prepared documentation/materials as a response to concerns on the Project 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures 	OIPs	<ul style="list-style-type: none"> Before construction 	<ul style="list-style-type: none"> PIU Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
Presentations						
Preparation	<ul style="list-style-type: none"> Deliver Project-related information to further parties in interest in an appropriate manner 	<ul style="list-style-type: none"> Visual materials/advertisements on Project-related information (may be particularly prepared in consideration to any public concern on the Project) Video/audio records 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) <p>Online meetings</p>	OIPs	<ul style="list-style-type: none"> Before construction 	<ul style="list-style-type: none"> PIU
Preparation	<ul style="list-style-type: none"> Deliver updated E&S Performance of Project to the Lenders Comply with the WB requirements 	<ul style="list-style-type: none"> Semi-annual reports to be submitted to WB by ILBANK Outcomes of monitoring activities in a summary format 	<ul style="list-style-type: none"> Visual materials/advertisements to be published by local / national media agencies Project Brochures <p>Presentations</p>	Direct stakeholders	<ul style="list-style-type: none"> Before construction 	<ul style="list-style-type: none"> PIU
Implementation & Construction	<ul style="list-style-type: none"> Inform about project related E&S instruments (ESMP, SEP etc.) 	<ul style="list-style-type: none"> Disclosure of full project related E&S instruments (ESMP, SEP etc.) 	<ul style="list-style-type: none"> CM website <p>Information boards at local mukhtar offices and project site</p>	Direct stakeholders	<ul style="list-style-type: none"> During construction phase 	<ul style="list-style-type: none"> Contractor Project Implementation Unit (PIU)
Implementation & Construction	<ul style="list-style-type: none"> Consult the authorities about relevant permissions, during construction Collaborate with the authorities on emergency preparedness and response plan 	<ul style="list-style-type: none"> Up-to-date information on the Project for disclosure Consultation on permitting, environmental, occupational and social issues, Community management, Emergency preparedness and response collaboration 	<ul style="list-style-type: none"> Face to face meetings Email correspondence or other means Invitations to public/stakeholder meetings Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures <p>Presentations</p>	Indirect stakeholders	<ul style="list-style-type: none"> During construction phase 	<ul style="list-style-type: none"> PIU Community Liaison Officer (CLO) (CM & Contractor) Supervision Consultant
Implementation & Construction	<ul style="list-style-type: none"> Deliver information regarding requirements and opportunities of local procurement and service provision Disclose information on Project, E&S aspects and 	<ul style="list-style-type: none"> Particular information on required goods and services Project information, E&S, construction / operation impacts and associated mitigation measures. Grievance Management 	<ul style="list-style-type: none"> Face to face meetings Email correspondence <p>Mobile technology (phone calls, SMS, Corporate Website, etc.)</p>	Direct stakeholders	<ul style="list-style-type: none"> During construction phase 	<ul style="list-style-type: none"> Contractor PIU Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
	associated impacts of which related to construction / operation activities					
Implementation & Construction	<ul style="list-style-type: none"> Inform the mukhtars about all aspects of Project-related information to include project timeline, and conditions that may affect daily routines that may occur during Project construction and operation, E&S impacts and mitigations (all of the impacts/risks identified, and mitigations measures described in the ESMP), Assess complaints and feedback from residents 	<ul style="list-style-type: none"> Project presentation document covering the nontechnical information of the Project Brochures covering information on the communication channels as well as a non-technical summary (NTS) of the Project including E&S issues regarding the Project Consultation and grievance forms (Open & Close-Out) 	<ul style="list-style-type: none"> Periodic and needed face to face meetings Grievance forms Review grievances on an appropriate basis. Stakeholder consultation meeting announcements 	Direct stakeholders	<ul style="list-style-type: none"> During construction phase 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant
Implementation & Construction	<ul style="list-style-type: none"> Deliver information on the Project, working conditions and worker management including worker rights and OHS management addressed in the Project-specific E&S policy and other relevant ESMS documentation 	<ul style="list-style-type: none"> Employment contracts Through selected worker representatives ESMP, sub-management plans/procedures H&S-related announcements GRM forms and guidance Training documents/materials (i.e. presentations) 	<ul style="list-style-type: none"> Communicating relevant written documentation with the Project employees Induction and orientation trainings Project Brochures Presentations 	Direct stakeholders	<ul style="list-style-type: none"> Daily before the start of each shift during the construction phases 	<ul style="list-style-type: none"> PIU Contractor
Implementation & Construction	<ul style="list-style-type: none"> Deliver all aspects of project-related information to include project timeline and conditions that may affect daily routines that may occur during Project construction and operation , E&S impacts/risks and mitigations (all of the 	<ul style="list-style-type: none"> Project information, E&S issues based on specific stakeholder groups in a suitable and understandable language/format 	<ul style="list-style-type: none"> Non-technical meetings-disclosure Face to face meetings Focus group discussions/ separate informative meetings for land issues Project Brochures Presentations 	Direct stakeholders OIPs	<ul style="list-style-type: none"> During construction phase 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
	<ul style="list-style-type: none"> impacts and mitigations identified in the ESMP) Assess complaints and feedback from stakeholders 					
Implementation & Construction	<ul style="list-style-type: none"> Inform on updated current Project status, associated project activities, potential E&S impacts of which depending on Project phase, Project E&S Management System (ESMS) including community HS management and emergency preparedness issues 	<ul style="list-style-type: none"> E&S issues Particularly prepared documentation/materials as a response to concerns on the Project 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	OIPs	<ul style="list-style-type: none"> Quarterly basis for the construction phase 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant
Implementation & Construction	<ul style="list-style-type: none"> As a response to concerns on the Project 	<ul style="list-style-type: none"> Particularly prepared documentation/materials as a response to concerns on the Project 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) 	OIPs	<ul style="list-style-type: none"> During construction 	<ul style="list-style-type: none"> PIU Supervision Consultant
Implementation & Construction	<ul style="list-style-type: none"> Deliver Project-related information to further parties in interest in an appropriate manner 	<ul style="list-style-type: none"> Visual materials/advertisements on Project-related information (may be particularly prepared in consideration to any public concern on the Project) Video/audio records 	<ul style="list-style-type: none"> Visual materials/advertisements to be published by local / national media agencies Project Brochures Presentations 	OIPs	<ul style="list-style-type: none"> During construction 	<ul style="list-style-type: none"> PIU
Implementation & Construction	<ul style="list-style-type: none"> Deliver updated E&S Performance of Project to the Lenders Comply with the WB requirements 	<ul style="list-style-type: none"> Semi-annual reports to be submitted to WB by ILBANK Outcomes of monitoring activities in a summary format 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	Direct stakeholders	<ul style="list-style-type: none"> During construction 	<ul style="list-style-type: none"> PIU
Operation	<ul style="list-style-type: none"> Deliver information on the Project, working conditions 	<ul style="list-style-type: none"> Employment contracts 	<ul style="list-style-type: none"> H&S Committee Meetings 	Direct stakeholders	<ul style="list-style-type: none"> Monthly as periodically and 	<ul style="list-style-type: none"> PIU Contractor



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
	and worker management including worker rights and OHS management addressed in the Project-specific E&S policy and other relevant ESMS documentation (e.g. ESMP and sub-management plans) • Ensure that SEP covering GRM is efficiently implemented	<ul style="list-style-type: none"> Through selected worker representatives ESMP, sub-management plans/procedures H&S-related announcements GRM forms and guidance Training documents/materials (i.e. presentations) 			anytime as needed	
Operation	• Inform about project related E&S instruments (ESMP, SEP etc.)	• Disclosure of full project related E&S instruments (ESMP, SEP etc.)	<ul style="list-style-type: none"> CM website Information boards at local mukhtar offices and project site 	Direct stakeholders	• During operation phase	<ul style="list-style-type: none"> Contractor Project Implementation Unit (PIU)
Operation	<ul style="list-style-type: none"> Consult the authorities about relevant permissions before construction, during construction and during operation Collaborate with the authorities on emergency preparedness and response plan 	<ul style="list-style-type: none"> Up-to-date information on the Project for disclosure Consultation on permitting, environmental, occupational and social issues, Community management, Emergency preparedness and response collaboration 	<ul style="list-style-type: none"> Face to face meetings Email correspondence or other means Invitations to public/stakeholder meetings Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	Indirect stakeholders	• During operation phase	<ul style="list-style-type: none"> PIU Community Liaison Officer (CLO) (CM & Contractor Supervision Consultant
Operation	<ul style="list-style-type: none"> Deliver information regarding requirements and opportunities of local procurement and service provision Disclose information on Project, E&S aspects and associated impacts of which related to construction / operation activities 	<ul style="list-style-type: none"> Particular information on required goods and services Project information, E&S, construction / operation impacts and associated mitigation measures. Grievance Management 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) 	Direct stakeholders	• During operation phases	<ul style="list-style-type: none"> Contractor PIU Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
Operation	<ul style="list-style-type: none"> Inform the mukhtars about all aspects of Project-related information to include project timeline, and conditions that may affect daily routines that may occur during Project construction and operation, E&S impacts and mitigations (all of the impacts/risks identified, and mitigations measures described in the ESMP), Assess complaints and feedback from residents 	<ul style="list-style-type: none"> Project presentation document covering the nontechnical information of the Project Brochures covering information on the communication channels as well as a non-technical summary (NTS) of the Project including E&S issues regarding the Project Consultation and grievance forms (Open & Close-Out) 	<ul style="list-style-type: none"> Periodic and needed face to face meetings Grievance forms Review grievances on an appropriate basis. Stakeholder consultation meeting announcements 	Direct stakeholders	<ul style="list-style-type: none"> During operation phases 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant
Operation	<ul style="list-style-type: none"> Deliver information on the Project, working conditions and worker management including worker rights and OHS management addressed in the Project-specific E&S policy and other relevant ESMS documentation 	<ul style="list-style-type: none"> Employment contracts Through selected worker representatives ESMP, sub-management plans/procedures H&S-related announcements GRM forms and guidance Training documents/materials (i.e. presentations) 	<ul style="list-style-type: none"> Communicating relevant written documentation with the Project employees Induction and orientation trainings Project Brochures Presentations 	Direct stakeholders	<ul style="list-style-type: none"> At the time of recruitment 	<ul style="list-style-type: none"> PIU Contractor
Operation	<ul style="list-style-type: none"> Deliver all aspects of project-related information to include project timeline and conditions that may affect daily routines that may occur during Project construction and operation , E&S impacts/risks and mitigations (all of the impacts and mitigations identified in the ESMP) Assess complaints and feedback from stakeholders 	<ul style="list-style-type: none"> Project information, E&S issues based on specific stakeholder groups in a suitable and understandable language/format 	<ul style="list-style-type: none"> Non-technical meetings-disclosure Face to face meetings Focus group discussions/ separate informative meetings for land issues Project Brochures Presentations 	Direct stakeholders OIPs	<ul style="list-style-type: none"> During operation phases 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant



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Project Phase	Consultation Subject/Message to be delivered	List of information to be disclosed	Method Used	Target Stakeholder	Frequency	Responsible Party
Operation	<ul style="list-style-type: none"> Inform on updated current Project status, associated project activities, potential E&S impacts of which depending on Project phase, Project E&S Management System (ESMS) including community HS management and emergency preparedness issues 	<ul style="list-style-type: none"> E&S issues Particularly prepared documentation/materials as a response to concerns on the Project 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	OIPs	<ul style="list-style-type: none"> Quarterly basis for the operation phase 	<ul style="list-style-type: none"> PIU Contractor Supervision Consultant
Operation	<ul style="list-style-type: none"> As a response to concerns on the Project 	<ul style="list-style-type: none"> Particularly prepared documentation/materials as a response to concerns on the Project 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Online meetings 	OIPs	<ul style="list-style-type: none"> During operation 	<ul style="list-style-type: none"> PIU Supervision Consultant
Operation	<ul style="list-style-type: none"> Deliver Project-related information to further parties in interest in an appropriate manner 	<ul style="list-style-type: none"> Visual materials/advertisements on Project-related information (may be particularly prepared in consideration to any public concern on the Project) Video/audio records 	<ul style="list-style-type: none"> Visual materials/advertisements to be published by local / national media agencies Project Brochures Presentations 	OIPs	<ul style="list-style-type: none"> During operation 	<ul style="list-style-type: none"> PIU
Operation	<ul style="list-style-type: none"> Deliver updated E&S Performance of Project to the Lenders Comply with the WB requirements 	<ul style="list-style-type: none"> Semi-annual reports to be submitted to WB by ILBANK Outcomes of monitoring activities in a summary format 	<ul style="list-style-type: none"> Face to face meetings Email correspondence Mobile technology (phone calls, SMS, Corporate Website, etc.) Project Brochures Presentations 	Direct stakeholders	<ul style="list-style-type: none"> During operation 	<ul style="list-style-type: none"> PIU



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7 Proposed Strategy for Information Disclosure

Stakeholder engagement is an ongoing process that begins before the development of this SEP and will continue throughout the lifetime of the Project. CM will be in active communication with identified stakeholders throughout the lifetime of the project. In particular, CM will seek feedback from stakeholders on the environmental and social performance of the project and the implementation of the identified mitigation measures and the Grievance Redress Mechanism. If there are significant changes in the project resulting in additional risks and impacts, especially where they will affect the stakeholders, CM will provide information on these risks and impacts and consult with the stakeholders on how to mitigate these risks and impacts.

For each of the targeted stakeholder group, different disclosure methods and means can be used in order to increase the disclosure level. Especially for the stakeholder consultation meetings, the meeting venue(s), time and date will be arranged, and that information will be announced to the public at least 10 days before the event making sure that all community members are informed about the event to be held. The project's strategy for information disclosure is presented in Table 7-1.

All Covid-19 related measures will be taken in accordance with the guidance provided by the national/international authorities in case of any break out, etc.



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Table 7-1. Proposed Information Disclosure Strategy

Project Stage	Topic Of Consultation	Methods Used	Timetable	Target Stakeholders	Responsibilities
Pre-Construction (Design Phase)	<ul style="list-style-type: none"> Project information - scope and rationale and E&S principles Coordination activities Grievance Redress Mechanism 	<ul style="list-style-type: none"> Face-to-Face Meeting Invitations to public/community meetings Mobile Technology such as Phone Calls, SMS, Corporate Website etc. Project Brochures Presentations 	During Design Phase	National And Local State Institutions and Organizations	CM/ Project Implementation Unit (PIU) E&S Consultant Supervision Consultant
	<ul style="list-style-type: none"> Regular updates about the Project Project E&S principles Grievance Redress Mechanism Community Health and Safety Environmental and Social risks and mitigation measures 	<ul style="list-style-type: none"> Public/stakeholder meetings Public notices Electronic publications via online/social media and press releases, Corporate Website Project Brochures Posters Surveys 	During Design Phase	Project-Affected Settlements (Local Communities)	CM / Project Implementation Unit (PIU) E&S Consultant Supervision Consultant
	<ul style="list-style-type: none"> Regular updates about the Project Project E&S principles Grievance Redress Mechanism 	<ul style="list-style-type: none"> Face-to-Face Meeting Invitations to public/stakeholder meetings Mobile Technology such as Phone Calls, SMS, Corporate Website etc. Project Brochures Presentations 	During Design Phase	Non-Governmental Organizations	CM / Project Implementation Unit (PIU) E&S Consultant Supervision Consultant
	<ul style="list-style-type: none"> Regular updates about the Project Project E&S principles Grievance Redress Mechanism Community Health and Safety Environmental and Social risks and 	<ul style="list-style-type: none"> Public/stakeholder meetings Public notices Electronic publications via online/social media and press releases Corporate Website Information leaflets and brochures; audio visual materials, posters, separate focus group meetings with vulnerable/disadvantaged individuals/groups 	During Design Phase	Stakeholders including non-organized groups with particular areas of interest or that may be vulnerable/disadvantaged (i.e., elderly, people with disabilities, female headed households, etc.)	CM / Project Implementation Unit (PIU) E&S Consultant Supervision Consultant



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Project Stage	Topic Of Consultation	Methods Used	Timetable	Target Stakeholders	Responsibilities
	mitigation measures				
Land Preparation and Construction (Project Implementation Phase)	<ul style="list-style-type: none"> Project information-scope and rationale and E&S principles Coordination Activities Grievance Redress Mechanism 	<ul style="list-style-type: none"> Face-to-Face Meeting Mobile Technology such as Phone Calls, SMS, Corporate Website etc. Project Brochures Presentations 	Bi-annually	National And Local State Institutions and Organizations	CM / Project Implementation Unit (PIU) Supervision Consultant
	<ul style="list-style-type: none"> Project E&S principles Grievance Redress Mechanism Community Health and Safety Environmental and Social Risks and Mitigation Measures 	<ul style="list-style-type: none"> Public/stakeholder meetings Public notices Electronic publications via online/social media and press releases Corporate Website Project Brochures Posters Surveys 	Monthly	Project-Affected Settlements (Local Communities)	CM / Project Implementation Unit (PIU) Supervision Consultant
	<ul style="list-style-type: none"> Project E&S principles Grievance Redress Mechanism 	<ul style="list-style-type: none"> Face-to-Face Meeting Mobile Technology such as Phone Calls, SMS, Corporate Website etc. Project Brochures Presentations 	Bi-annually	Non-Governmental Organizations	CM / Project Implementation Unit (PIU) Supervision Consultant
	<ul style="list-style-type: none"> Project E&S principles Grievance Redress Mechanism Potential Labour influx stemming from construction works Community Health and Safety Environmental and Social Risks and Mitigation Measures 	<ul style="list-style-type: none"> Public/stakeholder meetings Public notices Electronic publications via online/social media and press releases Presentations Corporate Website Posters 	Monthly	Stakeholders including non-organized groups with particular areas of interest or that may be vulnerable/disadvantaged (i.e., elderly, people with disabilities, female headed households, etc.)	CM / Project Implementation Unit (PIU) Supervision Consultant



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8 Roles and Responsibilities

CM and Contractor will implement the SEP activities during the construction and operation phases of the Project. Supervision Consultant will provide assistance to Çilimli Municipality and the Contractor to be awarded for effective implementation of this SEP activities.

8.1 Institutional Arrangements

CM will mobilize resources to implement and manage the Grievance Redress Mechanism (GRM). CM's PIU will lead SEP and GRM activities. The CM will utilize – (i) a website for Project information publication; (ii) a grievance database and grievance register; (iii) a register for stakeholder engagement; (iv) printed documents (manuals, brochures, posters, etc.).

CM PIU will implement and monitor the SEP in coordination with ILBANK. As well as CM PIU, the Contractor is responsible for appointing a CLO accountable for the stakeholder engagement for the Project and implementing this SEP and GRM. ILBANK will also be responsible for monitoring and supervising the stakeholder engagement activities and reporting the progress to the WB on regular periods (see Figure 10-1 in Section 10.1). Moreover, ACE, the E&S Consultant, who prepared this SEP and the ESMP for the Project, will provide necessary information to CM and take part in organizing the preliminary public/stakeholder consultation meeting to be held for the introduction of ESMP and the Project to the stakeholders and NGOs as part of the Project and finalizing this SEP and the ESMP as per the concerns/opinions of the stakeholders.

The CM/PIU will be the main responsible party for the coordination, implementation and monitoring and reporting of the implementation of the SEP and coordination with the Contractors. Detailed roles and responsibilities for the stakeholder engagement of the Project are given in Table 8-1.

Table 8-1. Responsibilities of Key Actors/Stakeholders in SEP Implementation

Actor/Stakeholders	Responsibilities
CM	<p>Establishes a project specific GRM,</p> <p>Records the complaints, requests and suggestions about the project and forwarding them to the PIU,</p> <p>Follows up and monitor project related complaints,</p> <p>Gives feedback to the complainant about the solution of the grievances received from PIU,</p> <p>Reporting to ILBANK via quarterly Environmental and Social Monitoring Reports (ESMRs) on SEP implementation that will be submitted together with the Grievance Register.</p>
CM PIU	<p>Ensures stakeholder engagement is understood by all Municipality staff members, contractors and consultants through trainings,</p> <p>Produces all work in accordance with project procedures and contract terms as well as quality, safety, budget and schedule requirements,</p>



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Actor/Stakeholders	Responsibilities
	<p>Ensures the successful delivery of all defined documentation associated with the stakeholder engagement,</p> <p>Organizes and manages Stakeholder Consultation Meetings and other disclosure activities related to public disclosure of information,</p> <p>Follows up the disclosure activities carried out within the scope of the SEP,</p> <p>Coordinates interface and reporting to/from WB on the implementation of SEP with ILBANK,</p> <p>Meets with ILBANK/WB's responsible teams and responds to queries as necessary,</p> <p>Allows the contractor to inform the public/stakeholders about construction activities and other Project related issues,</p> <p>Implements processes related to grievance redress mechanism and stakeholder engagement including record keeping, reporting, etc.</p> <p>Manages necessary reporting to complainants,</p> <p>Ensures the implementation of necessary mitigation measures/actions for the implementation of the SEP,</p> <p>Takes actions to resolve Project-related complaints in coordination with other Project units.</p> <p>Annual review of SEP and its' update (if/when necessary), based on project improvements and unexpected public response.</p>
ILBANK	<p>Informed about the works carried out via the ESMRs prepared by the Project Owner.</p> <p>Inform the World Bank with ESMRs in 6-month periods.</p> <p>Reviews the documents related to the environmental and social assessment of the project, provides comments to consultants, and gives official approval to these documents and procedures in accordance with the WB safeguards requirements,</p> <p>Performs an overall quality assurance function that the EA documents prepared meet WB requirements.</p>
Contractor/Subcontractor(s)	<p>Implements and develops Contractor's social policy,</p> <p>Provides necessary resources for proper remedial actions,</p> <p>Follows up of the complaints and informs CM PIU about the solution process,</p> <p>Consults with the Project affected communities about grievance redress mechanism, entitlements, construction works and schedule, community safety, compensation of economic losses as needed,</p> <p>Keeps records of complaints and participation activities, when necessary and forward them to CLO of PIU,</p> <p>Reports grievances and consultation activities to CM/PIU,</p> <p>Submits monthly ESMRs to the Project Owner (Community Liaison Officer related parts).</p>
E&S Consultant	<p>Preparing ESMP and SEP for the approval of ILBANK and WB;</p> <p>Taking a part in organizing the stakeholder consultation (ESMP introduction) meeting;</p> <p>Finalizing the ESMP and SEP as per the concerns/opinions of the stakeholders.</p>



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Actor/Stakeholders	Responsibilities
Supervision Consultant	<p>Reviews the SEP document to redefine the stakeholders directly or indirectly affected and/or interested in the Project and to follow up the implementation of the methods, instruments, timing and participation levels identified in the SEP,</p> <p>Interviews Municipality PIU and others involved in the stakeholder engagement process to review progress and identify critical issues,</p> <p>Interacts with various stakeholders to get their views on SEP implementation,</p> <p>Reviews grievance records to identify significant non-compliances or recurring issues with stakeholder engagement and other Project activities and to reveal actions,</p> <p>Meets with WB safeguards and audit teams and responds to queries as necessary,</p> <p>Monitors and reports on progress made in relation to the commitments defined in SEP.</p>
WB	<p>Audits the CM's performance regarding compliance with the provisions specified in the SEP managed during the construction and operation phases via the ESMRs to be submitted by ILBANK every six months,</p> <p>Controls project activities and progress and performs site visits if necessary.</p>

8.2 Budget & Resources

CM holds ultimate responsibility for the environmental and social performance of the overall Project, including the performance of its contractors and any other contractors. A Project Implementation Unit (PIU) will be established to carry out operational and administrative tasks. The CM/PIU will be the main responsible party for the coordination, implementation and monitoring of the SEP, reporting of the implementation of the SEP and coordination with the Contractors. Detailed roles and responsibilities for the stakeholder engagement of the Project are given in Table 8-1. The organizational chart of CM is provided in Figure 8-1.

The PIU will consist of at least 6 people, the head of the PIU, two financial experts, one environmental expert, one social expert and one OHS expert. The PIU staff will be the municipality's own staff.

The PIU will be primarily responsible for coordinating stakeholder engagement activities with the Contractors as outlined in this Plan. The collection of grievances, questions and feedback will be the direct responsibility of the PIU and the Community Liaison Officer.

The financial resources to be provided by CM are given below:

- A project-specific area on the municipality's official website,
- An electronic database for grievance records,
- Stakeholder engagement record,
- Printed documents (manuals, brochures, posters, etc.) to be used in accordance with SEP requirements.

The contact information of the responsible personnel:



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- Hakan Tok
- Phone Number: 0380 681 50 04
- Address: Çilimli Municipality Ulucami Mah. Pazaryeri Sk. No: 01 Çilimli / DÜZCE
- E-mail Address: hakantok89@gmail.com

Adequate budget will be allocated for communication with stakeholders and grievance redress mechanism. The budget is included in the project budget.

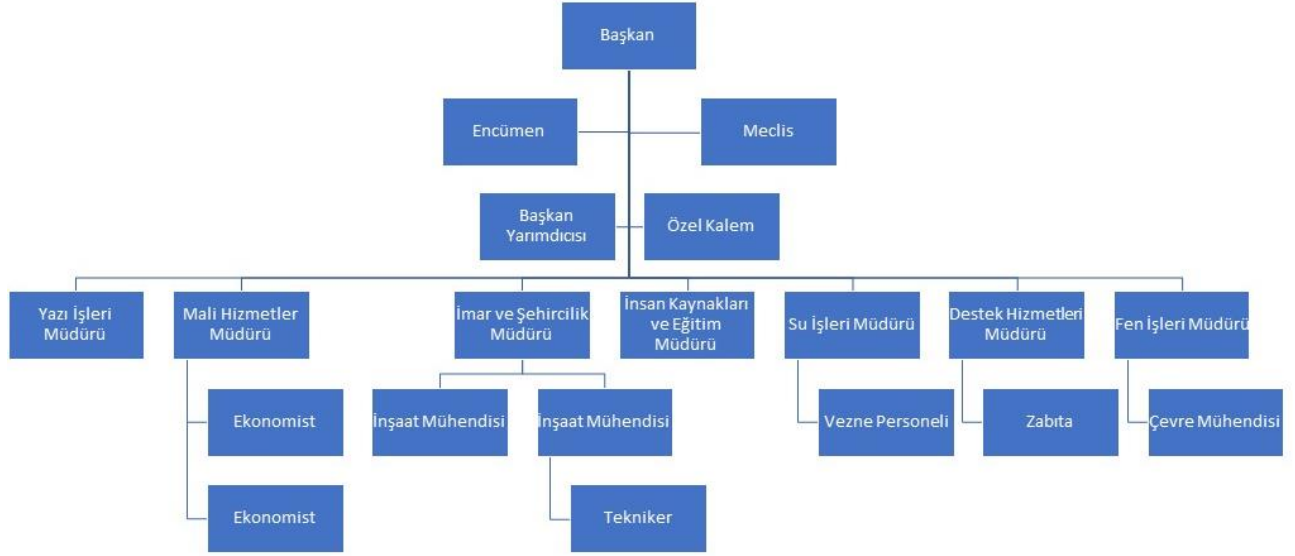


Figure 8-1. Organizational chart of Çilimli Municipality



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9 Grievance Redress Mechanism

Managing, avoiding, minimizing and effective handling of grievances is an integral part of a sound stakeholder engagement strategy. Experience indicates that significant number of grievances arise from misunderstandings and that such grievances can be avoided or reduced through proactive and consistent engagement with communities. Engagement also helps anticipate and review community concerns to prevent them from escalating to grievances. For this reason, a project specific Grievance Redress Mechanism (GRM) as per WB requirements and ESMF will be implemented by CM/PIU throughout the lifetime of the Project including pre-construction, construction, and operation phases.

Currently, the Project Owner handles public grievances and views through the Beyaz Masa¹ system. This municipal unit is established to receive grievances and requests from local citizens and intended to produce possible solutions within the municipality for reported concerns. While the Beyaz Masa system is not regarded as a Grievance Redress Mechanism, it is recognized as a general grievance system adopted by the municipality within its own organization.

For this reason, it is anticipated that the existing grievance redress mechanism system for this Project can be maintained as the primary grievance redress mechanism, because the Project is already within the municipal organization.

Although the Beyaz Masa system can be used to receive Project related grievances, a project-specific central system required to be established to compile the project related grievances and direct to responsible personnel and/or unit for resolution. Other grievances received by Contractor, CİMER, YİMER, İLBANK, WB, etc. will be also directed to this central system. CM will be the common beneficiary of grievance redress mechanism under this Project for contractors and workers / employees.

9.1 Receiving Grievances

Stakeholders will be able to communicate their grievances and views via the channels presented below:

9.1.1 CM/PIU Level

The contact details of PIU office in CM via which stakeholders can communicate their grievances are as follows;

- Web site : <https://www.cilimli.bel.tr/>
- Email : bilgi@cilimli.bel.tr
- Phone Number: +90 380 681 50 04
- Official Letter : Ulucami Mah. Pazaryeri Sk. No: 01 Çilimli / DÜZCE

¹ <https://www.cilimli.bel.tr/iletisim>



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9.1.2 Contractor Level

Contractor will establish their own grievance redress mechanisms. The municipality will ensure that the contractor level GRM is operational. If the grievances submitted to the contractor's GRM can be resolved at contractor level, then the Contractor will be responsible for its resolution and record. However, if the grievance requires further assessment and resolution at different levels, the Contractor will also be responsible for informing relevant parties about the grievance. Grievances, requests, suggestions, and opinions from contractors and subcontractors will be forwarded to the Contractor CLO and recorded using grievance registration form (see Annex 3) by the Contractor CLO and also registered on the Grievance Registration Table provided in Annex 6. On the same day, it will be opened to the access of PIU together with the data entry to the Grievance Database. Çilimli Municipality and PIU team will assess the grievances and suggest solutions for employees of direct and contracted employees as well as those from stakeholders that are received by the Contractor. Within two (2) business days after the complaint is received, a notification will be sent to the complainant by Contractor CLO stating that the complaint has been received and evaluated. These forms will be available in hard copies at the municipal offices and on the municipality's website.

The complaint database will include complainant information, date of receipt of complaint/suggestion, date and method of feedback to complainant, status of complaint (open, under review, closed, rejected) and explanations of that current situation (i.e. why it was rejected, etc.), closing/rejection and feedback dates.

CM and PIU team will assess the grievances and suggest solutions for employees of direct and contracted workers and those from stakeholders that are received by the Contractor with the use of this GRM, which will be easily accessible for all Project workers.

9.1.3 ILBANK Level

ILBANK's GRM procedure has been prepared in line with ESF/ESS10². It also complies with the World Bank's environmental and social standards. The GRM Policy of ILBANK has been disclosed on their official webpage³ and is available to all stakeholders.

The communication tools of ILBANK through which Project-related grievances can be submitted are given 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

² WB's ESSs <https://www.worldbank.org/en/projects-operations/environmental-and-social-framework/brief/environmental-and-social-standards>

³ https://www.ilbank.gov.tr/storage/uploads/pagefiles/ilbank_gm_policy_1646748212.pdf



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- Official Letter : ILBANK Department of International Relations, GRM Team
(letters must be marked as personal or confidential) Emniyet Mahallesi Hipodrom
Caddesi No:9/21 Yenimahalle/ANKARA

When ILBANK received a complaint, GRM Team will register and evaluate the complaint. If the complaint is related with any of sub-projects, ILBANK will send the complaint to municipalities'/utilities' GRM since they will (there is a Project Implementation Unit for projects financed by ILBANK through IFI) have their own GRM. After this stage, ILBANK's role will be to follow the progress of the complaint within its GRM system. If the complaint is not resolved within the committed duration (fifteen (15) working days after the complaint is received and evaluated), ILBANK GRM Team will take over the issue.

Certain complaints warrant urgent action, and the regular GRM procedure may be inappropriate or too slow to prevent an issue from escalating. A separate fast-tracked GRM, including guidance on the circumstances under which it will be employed, can help ensure that high-priority complaints (grievances related to sexual exploitation and abuse, sexual harassment, vulnerable groups' complaints etc.) are dealt with in a timely manner. In the case of complaints alleging serious harm or risk of harm, and/or serious rights violations, the GRM's standard operating procedures will call for a fast-track response, whether by the GRM or by immediate referral to another office or organization and immediate notification to the complainant of that referral.

9.1.4 National Level

If stakeholders fail to reach a satisfactory solution through the channels provided above or have requests for a higher-level explanation, they will be able to reach ILBANK's communication channels, the Presidency's Communication Centre (CIMER), and the Foreigners Communication Centre (YIMER).

Presidency's Communication Centre (CIMER)

A national centralized grievance system has been installed for Turkish citizens and legal persons under the Presidency's Communication Centre (CIMER). The channel will be accessible to project stakeholders as well so that grievances can be directly submitted to state authorities. The contact details of CIMER is available below:

- Website : www.cimer.gov.tr
- Call Centre : 150
- Phone number : +90 312 525 55 55
- Fax number : +90 312 473 64 94
- E-mail : cumhurbaskanligi@tcbb.gov.tr
- Address for Official Letter: Republic of Türkiye, Directorate of Communications
Kızılırmak Mah. Mevlana Bulvarı No:144 ÇANKAYA/ANKARA



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- Mail addressed to Republic of Türkiye, Directorate of Communications
- Individual applications at the community relations desks at governorates, ministries and district governorates

Foreigners Communication Centre (YIMER)

A centralized grievance system, the Foreigners Communication Centre (YİMER) under the General Directorate of Migration Management of the Ministry of Interior has been also enabled for foreigners. The channel will be accessible to Project stakeholders as well so that grievances can be directly to be submitted to state authorities. The contact details of YİMER is available below:

- Website : www.yimer.gov.tr
- Call Centre : 157
- Phone number : +90 312 5157 11 22
- Fax number : +90 312 920 06 09
- E-mail : yimer@goc.gov.tr
- Address for Official Letter: Republic of Türkiye General Directorate of Migration Management, Camlica Mahallesi 122. Sokak No: 4 Yenimahalle/ANKARA
- Mail addressed to Republic of Türkiye, Directorate of Communications
- Individual applications at the Republic of Türkiye General Directorate of Migration Management

9.1.5 Appeal Mechanism

Applicants, whose complaints could not be resolved through existing GRM or whose complaints contain sensitive issues can always apply to the relevant legal institutions. Such institutions can be summarized as follow:

- Civil Courts of First Instance,
- Administrative Court,
- Commercial Courts of First Instance
- Labour Courts, and
- Ombudsman (<https://ebasvuru.ombudsman.gov.tr/>).

Relevant legal process will be monitored through GRM.

For the cases relevant to sexual exploitation and abuse/sexual harassment (SEA/SH) and GBV (Gender Based Violation) at workplace or any potential child abuse in the project sites, the complaint will be directed immediately by the GRM focal point (based in ILBANK headquarter) to relevant legal authorities/service providers such as Ministry of Family and



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Social Services and Prosecutors Office and record that this has been directed, as set out in the GRM Procedure of ILBANK. All details of the complainant of the sensitive case will be kept strictly confidential.

Furthermore, the project GRM will include a channel to receive and address confidential complaints related to SEA/SH and gender-based violence (GBV) with special measures in place. If an employee faces SEA/SH issue s/he can either apply to a higher level superior or directly go to police station, as stipulated in the national referral system of the country for dealing such cases. The content and procedures of the project's GRM will also have a reporting line on such cases in regard to SEA/SH issues and will be handled under full confidentiality. The GRM focal point receiving the SEA/SH related grievance should direct this to national referral systems.

9.2 Grievance Management Process

The GRM for the stakeholders will be operated by CM PIU and Contractor according to the following procedure.

1. Following tools will be used so that all stakeholders can be informed regarding the Project's GRM process:
 - a. Web page
 - b. Email address
 - c. Public meetings
 - d. Telephone
 - e. Frequently Asked Questions (Brochure, web page, bulletin, etc.)
2. Grievances can be submitted by the intake channels listed below:
 - a. Telephone (Call Centre and units)
 - b. Personal visit to CM and Contractor head office/branches
 - c. Grievance boxes (at the CM Units / Contractor)
 - d. Email
 - e. Meetings
 - f. Staff and local communication desk of CM / Contractor
 - g. By written petition to CM / Contractor
 - h. During site visits and miscellaneous
 - i. CIMER and YIMER (See Section 9.1.4)
 - j. ILBANK GRM (See Section 9.1.3)
3. All the submitted grievances are collected at the GRM Section of PIU Department.



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4. The submitted grievances are recorded in databases by CLOs of PIU and Contractor.
5. PIU and Contractor CLOs or any contact person, who received the grievance, confirm the grievance reception via phone and/or email within two (2) days.
6. The response to the relevant grievance will be drafted by CLOs of PIU / Contractor and approved by Project Management.
7. After responding to the relevant grievance, necessary revisions will be made on the Grievance Form with respect to the result of the GRM process which will be communicated with relevant Complainant within ten (10) working days. The required actions for valid grievances will be taken within fifteen (15) working days. If applicant accepts the resolution within thirty (30) days, the submitted grievance is marked as closed. If the applicant does not sign-off Grievance Close-Out Form (see Annex-5) due to insufficient satisfaction, a meeting will be organized by the PIU management on relevant complaint and if necessary, with the participation of Contractor. The complainant can participate this meeting to submit his/her Project-related concern face to face to the management. The aim of this meeting is to find alternative solutions of which both parties agree with.
8. All the grievances will be monitored by recording them via the monitoring and evaluation system, which will be established within the scope of GRM.
9. Regarding grievances received by Contractor; the grievances which are within the scope of Contractor's responsibility will be handled by themselves and reported to the PIU during monitoring activities. The grievances within the scope of CM responsibility will be immediately communicated with PIU by Contractor and handled by the PIU accordingly. Contractor CLO is responsible for recording and tracking grievances through the Grievance Register Table provided in Annex 6.
10. If the complaint cannot be resolved with the existing process, applicants can always apply to relevant legal institutions. Such institutions can be summarized as follow:
 - Civil Courts of First Instance
 - Administrative Courts
 - Commercial Courts of First Instance
 - Labour Courts, and
 - Ombudsman (<https://ebasvuru.ombudsman.gov.tr/>).

During construction and operational activities, the GRM described above will continue to be driven by stakeholders' views, making this procedure accessible to all stakeholders including workers. Requests that require urgent remedy and/or support will be responded to and given support within the same day. All outstanding grievances/requests will be recorded within two business days, reviewed and assessed within ten business days, and concluded not later than 15 business days. Corrective actions will be taken to resolve the grievance. GRM summary is given in Table 9-1.



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Table 9-1. Grievance Redress Mechanism Summary

Grievance Process	Requirement / Action	Responsible Party
Submission of a complaint	Receiving the grievance by any communication channel explained above. (At this point, if the complaint is a sensitive grievance involving child abuse, sexual harassment or abuse or Gender Based Violence (GBV), immediate action will be taken within 48 hours after receiving the complaint. For the cases relevant to sexual exploitation and abuse/sexual harassment (SEA/SH) at workplace or any potential child abuse in the project sites, the complaint will be directed by the GRM focal point (based in ILBANK headquarter) to relevant legal authorities/service providers such as Ministry of Family and Social Services and Prosecutors Office.	CM/PIU Contractor Supervision Consultant
Registration of complaint	Registering/recording through making an entry in the grievance register (see Annex-6 for a sample) and filling of the Grievance Form (see Annex-3). All the complaints will be registered within two (2) working days and feedback will be given to the complainant and detailed information about the complaint may be requested from the complainant within this period. Moreover, the details of implemented stakeholder engagement activities will be recorded in a Stakeholder Engagement Log (see Table 6-2). If the complainant requests that this complaint be treated anonymously, this complaint will be recorded anonymously and the request will be met.	CM/PIU Contractor Supervision Consultant
Forwarding of complaint	The complaint is forwarded to the relevant persons (CLO of the PIU/Contractor) responsible for handling the complaint in not later than three (3) working days upon receiving the complaint (except for any emergent complaint, which would be handled as appropriate).	CM/PIU Contractor Supervision Consultant
Evaluation of a complaint	Evaluating the complaints within ten (10) working days and determining whether the complaint meets the admissibility criteria. If the complaint is not valid, providing relevant explanation to the complainant.	CM/PIU Contractor Supervision Consultant
Response for a complaint	If the complaint is valid, identifying and taking corrective measures for resolving the complaint is not later than fifteen (15) working days upon receiving. If an agreement cannot be reached on the closure of the complaint, the complainant will be informed that he/she may apply ILBANK, CIMER, YIMER and other legal remedies. After the notification of this process, the Grievance Closeout Form will be filled (see Annex 5). All comments and complaints will be responded to either verbally or in writing, in accordance with the preferred method of communication specified by the complainant, if contact details of the complainant are provided. At this point, it should be noted that the action taken and the result	CM/PIU Contractor Supervision Consultant



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Grievance Process	Requirement / Action	Responsible Party
	of this anonymously recorded grievance will be shared on the CM website, so that anonymous complainant is informed about their complaint and the results.	
Recording the result of a complaint	Recording the result of the complaint in grievance register (see Annex 6).	CM/PIU Contractor Supervision Consultant
Right to Appeal	If the complaint cannot be resolved with the existing process, applicants can always apply to relevant legal institutions. Such institutions can be summarized as follows: <ul style="list-style-type: none">• Civil Courts of First Instance• Administrative Courts• Commercial Courts of First Instance• Labour Courts• Ombudsman (https://ebasvuru.ombudsman.gov.tr/)	CM/PIU Contractor ILBANK Supervision Consultant

The detailed flow chart is given in Figure 9-1 and Figure 9-2 as project-related and worker complaints, respectively.



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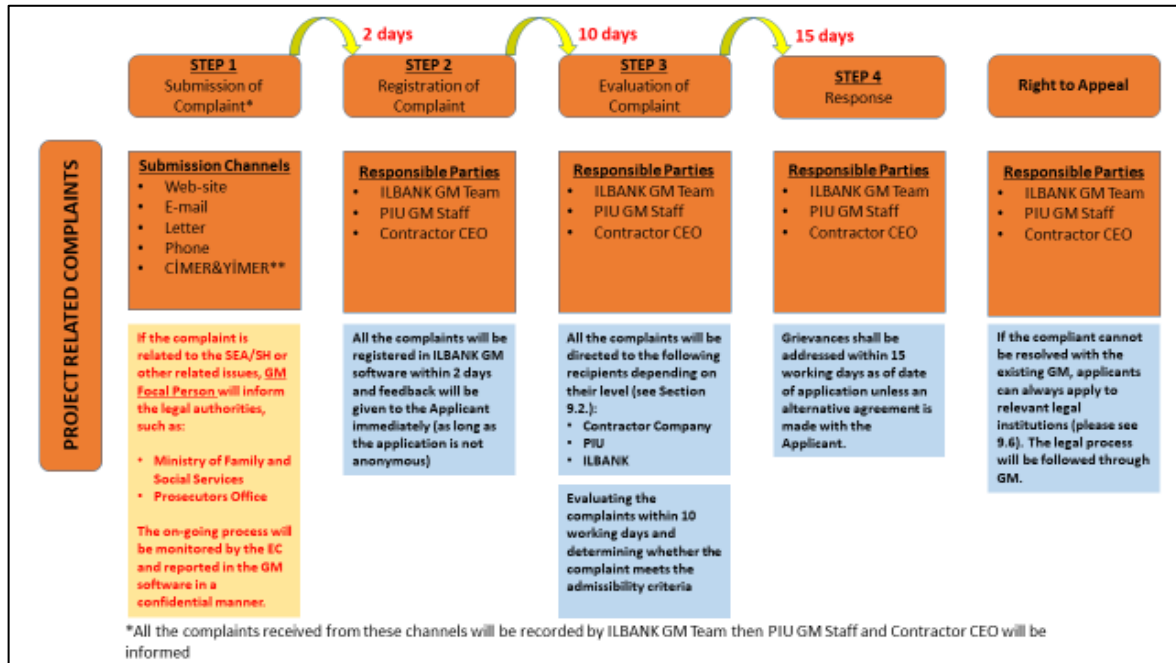


Figure 9-1. Grievance Redress Mechanism Flowchart of Project Related Complaints

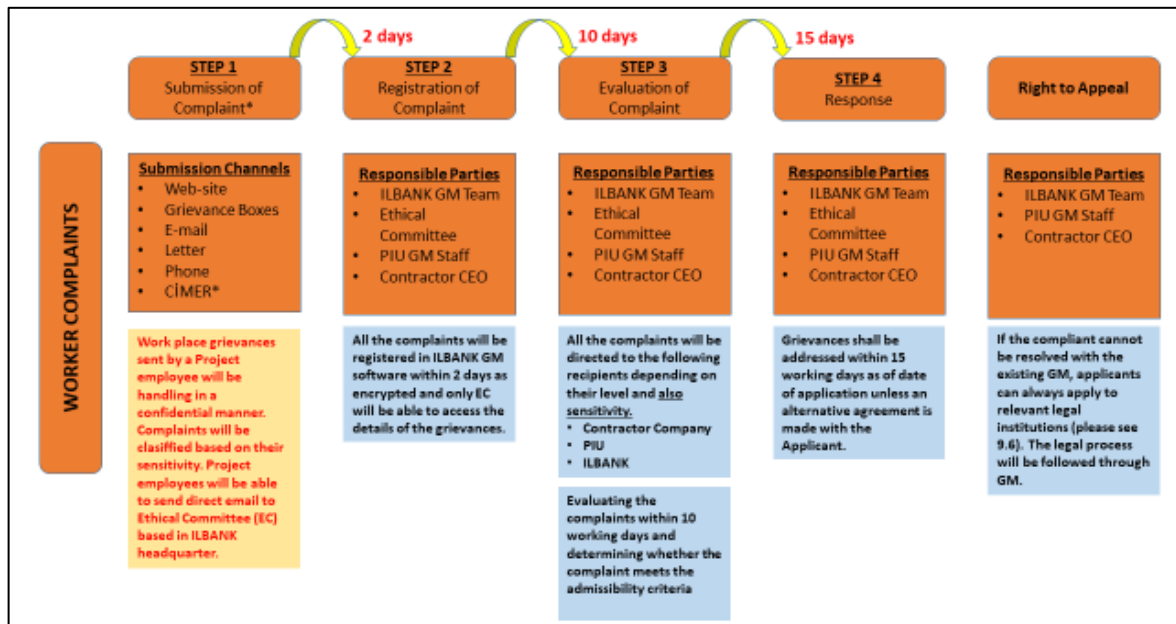


Figure 9-2. Grievance Redress Mechanism Flowchart of Worker Complaints



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9.2.1 World Bank Grievance Redress System

Stakeholders who believe that they are adversely affected by a WB-supported Project may submit complaints to existing project-level GRMs or the WB's Grievance Redress Service (GRS). The GRS ensures that complaints received are promptly reviewed to address project-related concerns. Complaints submitted to the GRS are admissible when presented by people directly affected by an ongoing World Bank-supported project and relate to alleged harm that results from the Project. Complainants may submit a complaint directly or through a representative, and their identities will remain confidential, should they request it. The GRS also reviews complaints received by Bank staff and refers to the GRS. Bank staff must notify the GRS when they receive complaints that concern high-risk projects, raise compliance with World Bank policies and procedures, or allege that a Bank-supported project has caused or will cause harm to people or the environment. Information can be obtained from <http://www.worldbank.org/en/projects-operations/products-and-services/grievance-redress-service>. For information on how to submit complaints to the WB Inspection Panel, please visit www.inspectionpanel.org. Complaint Request Form available in both pdf and word format on the relevant website can be filled and submitted via mail or electronically. Contact information of Inspection Panel is available under Information and Advice section on the website.



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10 Monitoring and Reporting

Periodically (at least once every 6 months) review and update of the SEP will be conducted, as necessary, during the stakeholder consultation as required within the scope of SEP implementation. CM PIU and the Contractor CLO will record all incoming corporate grievance/comment to the databases.

CM PIU will monitor the participation of the stakeholders in the planned engagement activities. Through evaluation of outcomes and effect of engagement, PIU intends to obtain regular feedback from stakeholders via some of the planned engagement activities, which are given in Chapter 6, and effective usage of Grievance Redress Mechanism and its different communication tools, which are given in Chapter 9, and to learn if the planned outcomes are achieved or if there is a need for changing the approach.

The SEP monitoring framework is described in Table 10-1.

Table 10-1. SEP Monitoring Framework

Parameter	Key Performance Indicator	Phase	Frequency	Responsible Party
Stakeholder Engagement Process	<ul style="list-style-type: none"> Number of meetings (e.g. stakeholder consultation, meeting with authorities, focus group meetings, in-depth meetings, etc.) Number of stakeholders engaged Number of the visits to the settlements affected by the Project activities 	Construction	Monthly	CM PIU Contractor Supervision Consultant
		Operation	Quarterly	CM PIU Contractor
Project GRM	<ul style="list-style-type: none"> Number of grievances/comments received (distribution to be made according to gender, settlement, category of grievance, status of grievance) Types of the grievances/comments (community H&S, employment, local procurement, etc.) Timeframes for response to each grievance Number and percentage of open or closed grievances Number of invalid grievances 	Construction	Monthly	CM PIU Contractor
		Operation	Quarterly	CM PIU Contractor



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Parameter	Key Performance Indicator	Phase	Frequency	Responsible Party
Worker GRM	<ul style="list-style-type: none"> Number of grievances/comments received by own workers Number of grievances/comments received by indirect workers Types of the grievances/comments regarding worker management and working conditions (e.g. worker rights, OHS, etc.) Timeframes for response to each grievance Number of open or closed grievances Number of invalid grievances 	Construction	Monthly	CM PIU and Contractor
		Operation	Quarterly	CM PIU and Contractor

10.1 Reporting to Project Parties

Submission periods for ESMRs, Project Progress Reports and Grievance Register according to each project party is provided in Figure 10-1.

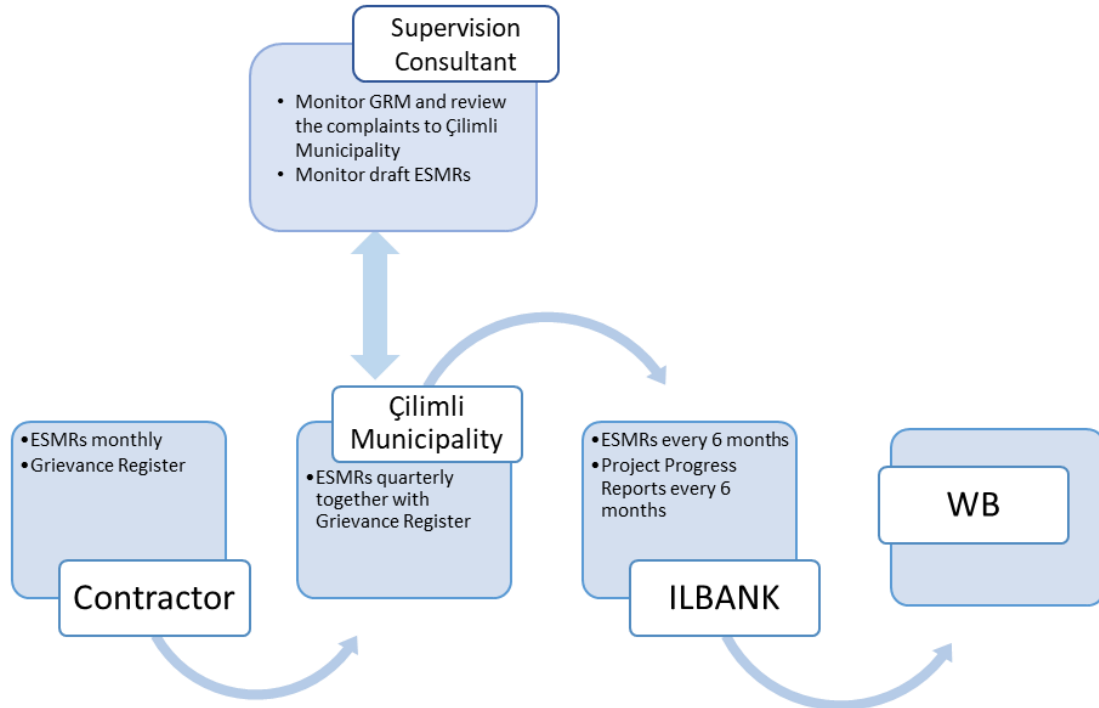


Figure 10-1. Submissions Periods for ESMR, Project Progress Report and Grievance Register during SEP Implementation



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The semi-annual Project Progress Reports from CM to ILBANK will also include a section on stakeholder engagement activities conducted during the specified period. Stakeholder engagement activities will be presented in a tabular format as given in Table 6-2.

CM PIU will register and report the feedback received from communities/stakeholders, local authorities, landowners, other companies, NGOs, media, academic institutions and other interest groups on a systematic basis through an effective consultation and GRM which is developed and will be used by contractors/subcontractors of the Project throughout its lifetime to ILBANK. Monitoring of the grievances received will be performed by means of grievance register (see Annex-6).

The CM PIU will provide a statistical and qualitative analysis of feedback and complaints as well as their outcomes on a monthly basis to the Supervision Consultant, who will review it and disseminate it to ILBANK. In addition, the relevant complaints and their actual status will be reported in ESMRs. The reports will only include information regarding the complaint as much as necessary, and any personal information on the individuals having used the GRM will remain confidential and will never be shared in these reports.

The implementation and effectiveness of the GRM will be monitored by the Supervision Consultant that will be selected via tender process to be launched by CM and approved by ILBANK. When ILBANK detects any problems in the implementation of the ESMP and SEP, ILBANK will inform the CM PIU and agree on the steps to be taken to resolve these problems.

10.2 Reporting Back to Stakeholder Groups

Stakeholder groups will be reported back by CM's PIU via public/stakeholder consultation meetings in project affected municipalities and/or quarters. GRM feedback responses will be made in writing and verbally as previously explained in Table 9-1. Project updates will be posted on CM's website.

10.3 External Reporting on SEP Implementation

Reports on the implementation of the SEP and grievance process will be prepared by CM and publicly made available in the Municipality's website, after removing identifying information on individuals to protect their identities in accordance with the Law on the Protection of Personal Data.



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ANNEX-1

EIA Not Required Certificate



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

Sayı : E-96738833-220.02-3921138

17.06.2022

Konu : Jeotermal Kaynak Arama Faaliyeti

ÇİLİMLİ BELEDİYE BAŞKANLIĞINA

İlimiz Çilimli İlçesi Ulucami Mahallesi 656 ada 1 parsel, Kiraztarla Köyü Kiraztarla Yolu Mevkii ile Söğütü Köyü Söğütü Caddesi mevkiiinde Çilimli Belediye Başkanlığı tarafından yapılması planlanan "Jeotermal Kaynak Arama Amaçlı Sondaj Çalışmaları" projesi ile ilgili e-ced portalı üzerinden başvuru yapılmıştır.

ÇED Yönetmeliği'nin 17. maddesi gereğince Çilimli Belediye Başkanlığı tarafından yapılması planlanan "Jeotermal Kaynak Arama Amaçlı Sondaj Çalışmaları" projesine 03.06.2022 tarihli ve 3789621 sayılı Valilik Olur'ları ile "Çevresel Etki Değerlendirmesi Gerekli Değildir" kararı verilmiştir.

Söz konusu projeye ilişkin 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 ve ÇED Yönetmeliğinin 18. maddesi gereğince projede yapılacak değişikliklerin alınan izin ve ruhsatlar ile yatırımın başlangıç, işletme ve işletme sonrası dönemlerine ilişkin raporların Valiliğimize (Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü) gönderilmesi gerekmektedir.

Bilgilerinize ve gereğini rica ederim

Nurhan KARTAL

Vali a.

Çevre, Şehircilik ve İklim Değişikliği İl Müdürü

Ek: ÇED Gerekli Değildir Belgesi

Dağıtım:

Gereği:

Çilimli Belediye Başkanlığına

Bilgi:

ÇEV MED ÇEVRE MED. MÜH. EĞT. MAD.
MAK. DAN. PAZ. SANAYİ VE TİCARET LTD.
ŞTİ. NE (Ek konulmadı)

Mustafa Kemal Mahallesi 2079 Sk. VİA-GREEN İş
Merkezi B-Blok No:52 Çankaya ÇANKAYA /
ANKARA

bu belge 10/10 sayılı
e-İmza ile onaylanmıştır.

17.06.22

Çilimli Belediye Başkanlığına
İmza

Bu belge, güvenli elektronik imza ile onaylanmıştır.
Doğrulama Kodu: 7DC9093E-A501-4685-9357-C3A2CDE44158

Hükümet Konağı Binası F - Blok Kat: 1 Merkez / DÜZCE
Tel No: (0380) 524 58 27 - (0380) 524 58 28 Faks No: (0380) 524 16 21
e-posta: duzce@csb.gov.tr İnt: <https://duzce.csb.gov.tr/>

Doğrulama Adresi: <https://www.turkiye.gov.tr>

Bilgi için: Ayşe ERDOĞAN
Mühendis





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T.C.
ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI
Çevresel Etki Deđerlendirmesi, İzin ve Denetim Genel M¼d¼rl¼đ¼

Karar Tarihi : 13.06.2022
Karar No : 96738833 220-02 E-202294

ÇEVRESEL ETKİ DEĐERLENDİRME BELGESİ

25.11.2014 tarih ve 29186 sayılı Resmi Gazete’de yayımlanarak y¼r¼rl¼đ¼ giren Çevresel Etki Deđerlendirmesi Y¼netmeliđi’nin Ek-II listesinde yer alan “Jeotermal Kaynak Arama Amaçlı Sondaj Çalışmaları ” projesi ile ilgili olarak inceleme-deđerlendirme yapılmıř ve Proje Tanıtım Dosyasında çevresel etkilere karřı alınması ¼ng¼r¼len ¼lemler yeterli g¼r¼lm¼řt¼r. Ayrıca ÇED Raporu hazırlanmasına gerek bulunmadıđı tespit edilmiř olup, s¼z konusu projeye ÇED Y¼netmeliđinin 17. Maddesi geređince Valiliđimizce “Çevresel Etki Deđerlendirmesi Gerekli Deđildir” kararı verilmiřtir.

G¼rb¼z SALTAY
Vali a.
Vali Yardımcısı

Proje Sahibi : Çilimli Belediye Başkanlıđı
Proje Yeri : D¼zce İli Çilimli İlçesi Ulucami Mah. 656 Ada 1 parsel, Kırzartarlı K¼y¼ Kırzartarlı Yolu Mevkii
ve S¼đ¼rd¼ K¼y¼ S¼đ¼rd¼ Caddesi Mevkii
Kapasite : Derinliđi 1000 metre 3 Adet Sondaj



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ANNEX-2

Preliminary Public/Stakeholder Consultation Meeting Minutes



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Çilimli Geothermal Well Drilling Project

Preliminary Public/Stakeholder Consultation Meeting Minutes

2 November 2021

A Public/Stakeholder Consultation Meeting was held on 2nd November 2021 in Ulucami Neighborhood, Çilimli District at Çilimli Municipality Conference Room. 26 people attended the meeting consisting of the mukhtars of neighborhoods and villages in Çilimli District (Arabacı, Mahırağa, Şerefiye, Topçular, Ulucami, Yeşil, Yeşiltepe neighbourhoods and Alamescit, Bıçkışaşı, Çalılık, Dikmeli, Döngelli, Esenli, Hızardere, İshaklar, Kafyayla, Karaçörtlen, Kırkharman, Kiraatarla, Kuşoğlu, Pırpır, Sarımeşe, Söğütlü, Tepeköy, Yeniköy, Yenivakıf and Yukarıkaraköy Villages).

The meeting was announced via advertisements in T Gündem and Manşet newspapers on 23rd October 2021. The meeting was also announced through hanger flyers placed at certain locations.

Brochures and view/grievance forms were distributed to participants during the meeting. The Civil Works Director from Çilimli Municipality and two ACE Experts were available during the meeting. The meeting was opened by of Çilimli Municipality followed by the presentation of ACE.

At the end of the meeting, there was a question/answer session where participants raised questions, concerns, and suggestions. Questions raised during the meeting and the answers provided are given below.

Questions raised during the Public/Stakeholder Consultation Meeting and Answers Provided

Q1. Public (unknown): For what purpose will we use this Project?

A1. Çilimli Municipality Representative: This Project only covers well drilling. In the next stage, studies will be carried out so that this water can be used for geothermal plants, spa, or irrigation purposes, depending on the quality and temperature of the water. It has been seen that hot water is used for different purposes in other countries. However, our first goal is to use this water in the geothermal plant.

Q2. Public (unknown): In my research on the Project, I saw that such projects are joint in the Aegean region. Why was the Çilimli region chosen for this Project? Because I read the news that a few wells in the Aegean region were closed due to improper and adverse effects on the environment. When this Project is carried out, will there be negative effects such as carbon emissions in the plant, negative effects on human health due to other released gases, or an increase in temperature in the region? In the Environmental and Social Assessment study, will these impacts be evaluated?

A2. ACE Representative: The scope of this Project is only about well drilling.



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Q3. Public (unknown): What will be the gain of the municipality and the gain of the people here?

A3. Çilimli Municipality Representative: This Project is being done for the development of the region. Depending on the quality of the water coming out, the use of the water in the geothermal plant or different purposes such as heating will be evaluated in the next stage.

Q4. Public (unknown): It seems that three wells will be drilled in the Project. Will there be expropriations in these areas.

A4. Çilimli Municipality Representative: No, there won't.

Q5. Public (unknown): Will the project harm hazelnut production?

A5. ACE Representative: Not within the scope of this Project, but in the Project to be carried out on the use of water in the next stage, the impact of water on the environment and naturally on hazelnut production will be evaluated. By determining the parameters that will affect hazelnut production, critical areas that need analysis and measurement will be determined, and the details will be discussed in the ESIA Report of that Project.

Q6. Public (unknown): How will the sludge that will come out of the drilling points be evaluated?

A6. ACE Representative: It will be kept in impermeable pools, and the sludge will be disposed of.

Q7. Public (unknown): Will the temperature increase in our region? I am worried about global warming?

A7. ACE Representative: This is not the subject of the Project, but this impact will also be assessed when evaluating water use in the future.

Q8. Public (unknown): It is stated at the presentation that the drilling area is 1,654 ha. Is this area the same as the area of the geothermal plant?

A8. Çilimli Municipality Representative: The total drilling area is 1,654 ha. Although the area of the geothermal plant is not yet certain, it is estimated that the area of the geothermal plant will cover a smaller area.



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Announcement for Public Informing about the Preliminary Public/Stakeholder Consultation Meeting



Çilimli Municipality Geothermal Well Drilling Project

INVITATION TO THE PUBLIC CONSULTATION MEETING

Within the scope of İBank Sustainable Cities Project, Environmental and Social Impact Assessment (ESIA) studies are carried out for the "Çilimli Municipality Geothermal Well Drilling" Project planned by the T.R. Municipality of Çilimli. Within the scope of this study, the "Public Consultation Meeting", the details of which are given below, will be held in order to inform the public about the project and to receive the views and suggestions of the public.

It is announced with respect to all our people.

T.R. Çilimli Municipality

Meeting Date : 2.11.2021

Meeting Time : 14:00

Meeting Place: T.R. Çilimli Municipality Conference Hall

Project Owner : T.R. Çilimli Municipality Mayoralty

Phone: +90 (380) 681 50 04- Fax: +90 (380) 681 66 66- E-mail: bilgi@cilimli.bel.tr



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Newspaper Advertisements of Preliminary Public/Stakeholder Consultation Meeting

gündem

23 Ekim 2021 Çarşamba

CUMHURBAŞKANI ERDOĞAN

Afrika Türkiye'yi KEŞFEDİYOR

Yüksek düzeyde konuşulan temelde birleşiyor. Türk yatırımcılar, Afrika'ya büyük ilgi artıyor. Afrika'da doğrudan yatırım Türkiye'nin turizm, sağlık, altyapı ve enerji alanındaki mükemmeleri keşfediyor.

Cumhurbaşkanı Recep Tayyip Erdoğan, Afrika ile bu kadar yakınlaşmada ilk parayı vermiş bir ülke, bu fırsatı değerlendirerek ekonomisini geliştirebilir. Afrika'ya doğrudan yatırım Türkiye'nin turizm, sağlık, altyapı ve enerji alanındaki mükemmeleri keşfediyor.

Türkiye'nin Afrika ile yakınlaşması, Afrika'nın ekonomisini geliştirirken Türkiye'nin de ekonomisini geliştirir. Afrika'nın ekonomisi geliştiğinde Türkiye'nin de ekonomisi gelişir. Afrika'nın ekonomisi geliştiğinde Türkiye'nin de ekonomisi gelişir.

ERDOĞAN'IN HAYALLERİNİ GERÇEĞE DÖNÜŞTÜRDÜK

4. Türkiye'nin Afrika ile yakınlaşması, Afrika'nın ekonomisini geliştirirken Türkiye'nin de ekonomisini geliştirir. Afrika'nın ekonomisi geliştiğinde Türkiye'nin de ekonomisi gelişir.

TÜRKÜK ONAY ALDIKTAN SONRA İVEDİLİĞİNE AFRIKA ÜLKELERİNE ASİ YARDIMINDA BULUNACAK

Yalan haberler milli güvenliği tehdit ediyor

Yalan haberler milli güvenliği tehdit ediyor. Yalan haberler milli güvenliği tehdit ediyor.

Gri listenin başında hangi ülke olmalı?!

Gri listenin başında hangi ülke olmalı?!

BİR ÖRNEK DÜNYAYI İZLEYEN

BİR ÖRNEK DÜNYAYI İZLEYEN. BİR ÖRNEK DÜNYAYI İZLEYEN.

Heykel biraz ucuza gelmiş!

Heykel biraz ucuza gelmiş!

CİLİMLİ

CİLİMLİ. CİLİMLİ. CİLİMLİ.

Çilimli Jeothermal Kuyu Projesi HAKKIN BİLDİRİLDİĞİ MİSAL TOPLANTISINA DAVET

Çilimli Jeothermal Kuyu Projesi HAKKIN BİLDİRİLDİĞİ MİSAL TOPLANTISINA DAVET.

Bar Bankası Sözcüleri ve Şirketler Projesi kapsamında Çilimli Jeothermal Kuyu Projesi için Çilimli ve Samsat İlçe Sözcülerine 2021/2022 yılında toplantı yapılmıştır. Bu toplantı kapsamında proje ile ilgili bilgi verilmekte, sorulara cevap verilmekte, ilçe sözcülerine duyurulmaktadır. Bu toplantı Çilimli İlçe Sözcülerine duyurulmaktadır.

Tüm halkımıza saygıyla duyurulur.

T.C. Çilimli Belediyesi

Toplantı Tarihi: 2.11.2021

Toplantı Saati: 14.00

Toplantı Yeri: T.C. Çilimli Belediyesi Karahisar Salonu

Proje Sahibi: T.C. Çilimli Belediye Başkanlığı

Tel: +90 380 681 50 54 Fax: +90 380 681 64 64

E-posta: bilgi@cilimli.bel.tr

SAYIN İZLEYEN



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Brochure Distributed during the Preliminary Public/Stakeholder Consultation Meeting



Geothermal Well

ÇİLİMLİ MUNICIPALITY GEOTHERMAL WELL DRILLING PROJECT

Public Information Brochure

Çilimli Municipality Geothermal Well Project will be realized by Çilimli Municipality within the scope of Sustainable Cities Project (SCP) II - Supplementary Financing program carried out by İlçer Bank with the support of the World Bank.

SCP II - The Supplementary Funding Program aims to support municipalities to develop and strengthen their urban planning, infrastructure and capital investment planning capacities, and to increase access to targeted municipal services. The program will support the development of the environmental, economic, financial and social sustainability of Turkish cities by improving access to priority municipal services. Within the scope of the program, financing will be provided for municipal infrastructure investments aimed at improving public transportation, water and wastewater, solid waste management, energy, environment, resilience to disasters and climate impacts, and social infrastructure services.

Geothermal Well is located in Düzce province, Çilimli district. 68.8% of the population lives in the city (as of the end of 2020). The area of the province is 2,492 km².



Geothermal energy is a heat energy. This heat energy is carried from underground to the earth with water, steam and gases. Water, steam and gases cannot be kept for a long time without losing the heat energy loaded on them and cannot be stored in large quantities. As with other types of energy, it is not possible to choose the desired size by transporting and storing water, steam and gases produced from other fields and reservoirs. Geothermal energy is an inexhaustible renewable energy source for humans. At the same time, it is a green energy source that does not emit greenhouse gases harmful to human and environmental health.



Current Status of the Project

Projects are currently in the planning stages.

Çilimli Municipality is planning to use a financing loan from İLBANK to support the development of the project. One of the loan terms requirements is that the project is carried out in accordance with the environmental regulations in Turkey and the Safeguard Policies of the main financier, the World Bank. In this context, it is necessary to conduct an Environmental and Social Impact Assessment (ESIA) study, in which the environmental and social impacts of the project are determined.

For the ESIA study, İLBANK by ACE Consulting and Engineering Inc. firm was commissioned.

The ESIA study was initiated in August 2021. The works are planned to be completed in December 2021 and there may be changes in the project completion schedule.

Possible Environmental and Social Impacts

Possible environmental and social impacts related to the Project are summarized below:

- Waste generation
- Wastewater generation
- Traffic increase (during construction)
- Dust formation (during construction)
- Noise
- Worker health and safety
- Public health, safety and security

Opportunity to Express Opinion

This document has been prepared with the aim of communicating with the institutions and individuals (referred to as Stakeholders) who may be affected by the Project or who are interested in the Project and its impacts, to provide information about the Project and to get their opinions. Thus, comments received can be taken into account in the ESIA study.

The main methods to be used in communicating with the stakeholders include the preparation and distribution of informative brochures, meetings with the Municipality of Akçakoca, holding a public consultation meeting in Akçakoca to get the opinions of the local people about the proposed Project, and announcements made in local newspapers.

With this project information brochure, we invite you to present your views on the main environmental and social issues of the Project and the measures to be taken.

You can share your views through the following communication channels:

Çilimli Municipality Geothermal Well Project

T.R. Çilimli Municipality Mayorality

Address

Ulucami Neig. Düzce Street 81750 Çilimli Düzce

E-mail:

bilgi@cilimli.bel.tr

Phone: +90 (380) 681 50 04







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Grievance Form Distributed during the Preliminary Public/Stakeholder Consultation Meeting

ÇİLİMLİ GEOTHERMAL WELL DRILLING PROJECT - VIEW/COMPLAINT FORM		
INFORMATION ABOUT THE PERSON REPORTING AN VIEW AND/OR COMPLAINT (If you prefer to express your opinions anonymously, leave this section blank.)		
Name:		
Date:		
Contact Information: (Please, fill according to your preferred communication type)		
Address		
Phone		
E-Mail		
Purpose: <input type="checkbox"/> View <input type="checkbox"/> Complaint Recorder: <input type="checkbox"/> Person reporting View/complaint <input type="checkbox"/> Other (please specify name)		Signature that a copy of the completed View/Complaint Form has been received:
VIEWS ON THE PROJECT (Continue using the back page if necessary)		
INFORMATION ABOUT THE COMPLAINT		
State your complaint: (Continue using back page if necessary)		
The date and frequency of the complaint: <input type="checkbox"/> Once (Date) <input type="checkbox"/> More than once (How many times?) <input type="checkbox"/> Ongoing (The problem is still happening)		
What are your suggestions to fix the problem? (Continue using back page if necessary)		
This section will be filled by the Municipality.		
STATUS OF VIEW		
Opinion recorded (Y/N)	Date of opinion submitted:	Recorded by:
Needs to be answered (Y/N)	Date the comment was answered:	
STATUS OF THE COMPLAINT		
Complaint registered (Y/N):		
Date the complaint was answered:		

You can send the comment form to the postal or e-mail address given below :
ÇİLİMLİ MUNICIPALITY
Ulucami Neig. Düzce St. 81750 Çilimli Düzce
E-mail: bilgi@cilimli.bel.tr



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Presentation Given in the Preliminary Public/Stakeholder Consultation Meeting

DÜZCE-ÇİLİMLİ JEOTERMAL KUYU PROJESİ

Halkın Bilgilendirilmesi Toplantısına Hořgeldiniz





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Photographs from the Preliminary Public/Stakeholder Consultation Meeting





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Participant List

ÇİLİMLİ BELEDİYESİ JEOTERMAL KUYU PROJESİ HALKIN KATILIMI TOPLANTISI
02.11.2021
Çilimli Belediyesi Fen İşleri Müdürlüğü

KATILIMCI LİSTESİ				
No	AD SOYAD	MESLEĞİ	TELEFON	MAIL
1		İnsaat		
2		Çiftçi		
3		Emekçi		
4		Çiftçi		
5		İnşaat Mak.		
6		Emekçi		
7		İnş. Mak.		
8				
9		pubster		
10		Muhtar		
11		Emekçi		
12				
13				
14				
15				
16				
17				
18				
19		T=16		
20				
21		Stajer		
22				
23				
24				
25				
26				
27				
28				
29				
30				




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ANNEX-3

Consultation Form



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	ÇILIMLI MUNICIPALITY Project Code:..... Çilimli Geothermal Well Drilling Project			
	CONSULTATION FORM			
Person Filling out the Form:		Date and time:		
Meeting Agenda:		Consultation Registration No:		
CONSULTATION INFORMATION				
Interviewed Institution:		Communication Type		
Name-Surname of the Interviewee:		Phone / Hotline <input type="checkbox"/>		
Phone:		Face to Face Meeting <input type="checkbox"/>		
Address:		Website / E-mail <input type="checkbox"/>		
Email:		Other (Explain) <input type="checkbox"/>		
Stakeholder Type				
Public Institution <input type="checkbox"/>	PAP <input type="checkbox"/>	Private Enterprise <input type="checkbox"/>	Professional Chamber <input type="checkbox"/>	NGO <input type="checkbox"/>
Interest Groups <input type="checkbox"/>	Industry Associations <input type="checkbox"/>	Labor Unions <input type="checkbox"/>	Media <input type="checkbox"/>	University <input type="checkbox"/>
CONSULTATION DETAILS				
Questions about the Project:				
Project concerns/feedback:				
Responses to the views expressed above:				
Recorded by Name-Last Name/Signature		Complainant Name-Last Name/Signature		




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ANNEX-4

Grievance Form



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Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

	ÇİLİMLİ MUNICIPALITY Project Code:..... Çilimli Geothermal Well Drilling Project			
	GRIEVANCE FORM			
Person Filling the Form:		Date:		
Interview Agenda:		Reference No:		
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 to receive the complaint		
Turkish ID Number:		Phone <input type="checkbox"/>		
Phone:		Face to face <input type="checkbox"/>		
Address:		Web-site/ E-Mail <input type="checkbox"/>		
Email:		Other (Explain) <input type="checkbox"/>		
Stakeholder Type				
Public Institution <input type="checkbox"/>	Project Affected People <input type="checkbox"/>	Private Enterprise <input type="checkbox"/>	Trade Association <input type="checkbox"/>	NGO <input type="checkbox"/>
Interest Groups <input type="checkbox"/>	Industry Associations <input type="checkbox"/>	Workers' Union <input type="checkbox"/>	Media <input type="checkbox"/>	University <input type="checkbox"/>
2. DETAILED INFORMATION ON THE GRIEVANCE				
Description of the Grievance:				
Resolution method requested by the Complainant				
Registered Person Name Surname/Signature		Complainant Name Surname/Signature		




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ANNEX-5

Grievance Close-Out Form



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	ÇİLİMLİ MUNICIPALITY Project Code:..... Çilimli Geothermal Well Drilling Project	
	GRIEVANCE CLOSE OUT FORM	
Reference No:		
1. DETERMINATION OF CORRECTIVE ACTION		
1		
2		
3		
4		
5		
Responsible Departments		
2. CLOSE OUT THE GRIEVANCE		
<i>This section will be filled and signed by the Complainant in case the complaint stated in the "Grievance Registration Form" is resolved.</i>		
Date: /...../.....	Name Surname / Signature of the Person Closing the Complaint	Name Surname / Signature of Complainant



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ANNEX-6

Grievance Register Table



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No	Complaint Register Number	How Complaint is Received (Grievance Form, Community Meeting, Telephone)	Level of Grievance (Municipality/Utility Level, Regional)	Date of Complaint Received	Location of Complaint Received	Name of Person Receiving Grievance	Land Parcel # (If complaint is related to land)	Complainant Information					Project Component Related to Complaint	Grievance Category (expropriation/land acquisition related, environmental issues, damages to structures etc.)	Complaint Summary	Grievance Status (open, closed or pending)	Action Taken				Supporting Documents for Grievance Closeout (bank receipt for compensation, grievance closure protocol)
								Name/Surname	ID Number	Telephone/email	Village-District	Gender					Responsible Person/Department	Action Planned	Due Date of the Addressing the Grievance	Date of Action Taken	
1																					



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ANNEX-7

Information Related to Stakeholder Consultation Meeting 2



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Çilimli Geothermal Well Drilling Project Public/Stakeholder Consultation Meeting Minutes 04 January 2024

The second Public/Stakeholder Consultation Meeting was conducted on 4th of January 2024 at Çilimli Municipality Conference Hall. The meeting was held with the participation of 19 people. 14 out of 19 participants were employees of Çilimli Municipality, one (1) participant was an engineer at Çilimli Organized Industrial Zone, three (3) participants were citizens of neighborhoods and there was one (1) mukhtar who attended the meeting.

The meeting was announced via newspaper advertisements in Türkiye and Manşet Newspapers on 28th December 2023. The meeting was also announced through flyers placed at certain locations (such as mukhtar offices, public places) by Çilimli Municipality. Çilimli Municipality informed all the project mukhtars about the date/time and location of the planned public consultation meeting.

The Draft Environmental and Social Management Plan and the Draft Stakeholder Engagement Plan were disclosed in the Çilimli Municipality website as of 22nd of December 2023.

Brochures were provided to mukhtars to be distributed to the residents in their neighborhoods. Brochures were distributed to participants during the meeting. Çilimli Municipality representatives and ACE Experts were available during the meeting. A presentation was given to the participants by ACE. The presentation covered the following main headings:

- Project Executor, Implementer and Financier
- Project Description
- Expected benefits of the Project
- Environmental and Social Studies
- Potential environmental and social impacts
- Mitigation measures and management strategies
- Stakeholder engagement and how stakeholders can be involved in the process
- Questions and answers

At the end of the meeting, there was a question/answer session. However, none of the participants raised a question. There was only one comment raised by a participant who stated that if the geothermal well drilling project is put into operation as a geothermal facility, it is considered to be beneficial for the development of the region.

The newspaper announcements, the flyer, the disclosure page of ESMP and SEP, the brochure, the presentation given at the meeting, the photographs taken during the meeting and the participant list are provided below.



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Newspaper Advertisements of Public/Stakeholder Consultation Meeting



Türkmen Gündem

28 Aralık 2023 Perşembe

ERDOĞAN: NE KADAR KURUM VARSA HEPSİ SINIFTA KALDI

Netanyahu'nun Hitler'den farkı yok



Cumhurbaşkanı "Gözlerimizin önünde insanlığı aitt tüm değerler kurşuna dizildi. Sizin Hitler'den ne farkınız var" diye sordu.

Cumhurbaşkanı Recep Tayyip Erdoğan, Beşle Millet Kongresi ve Kültür Merkezinde, 100. Yıl TUBİTAK ve TÜBA Bilim Ödülleri Töreni'nde konuştu. Erdoğan, Türkiye'nin inşası için bilim alanında emek veren, fikir ve yürekleri diken akademisyenlere, hocalara, araştırmacılara şükranlarını sundu. Erdoğan, 12 askeri şehit olduğu saldırıya değin, 36 saatte 54 terörün olduğu edildiğini ifade eden Erdoğan "Şehitlerimizin kanları yerde kalmayacak" dedi. İsrail'in Gazze'ye yönelik saldırılarına değin Erdoğan, gözaltına alınan PİSTİMLERİN stadyumda teşhi edilmeye tepki gösterdi. Erdoğan açıklamalarında öne çıkanlar şöyle:

- İznide bulunduğunuz asrın, Allah'ın izniyle milletimizin ve devletimizin asrın olağundandır. Zerre kadar şüphe duyuyorum. Türkiye'nin sağlığına set çekmeyi amaçlayan menfur terör saldırılarının, kurtu yurdu yitirmiş bir ulusla dursunayacak bir bilimsel istismarı.
- TEKNOFEST, bir teknoloji festivalinden öte bu ülkenin gençlerini öne güven aşıması,

SI VEKİLE DANIŞILACAK
81 ilin temayülü bugün bitiyor

Yerel seçim hazırlıklarını sürdüren AK Parti'de çalışmalar bugün bir gelide devam ediyor. 28 büyükelhın temayülüni gerçekleştiriyor. Cumhurbaşkanları Recep Tayyip Erdoğan, dön de Mardin ve Mersin sekişleri ile görüşti. Bu ilde Erdoğan 30 büyükelhın temayülüni bitirecek, aday belirleme çalışmalarında sona gedi. Erdoğan bugün de 51 ilin milletvekili ile AK Parti Genel Merkezinde görüşerek, temayülüni gerçekleştirilecek. Erdoğan, bura da milletvekillerinin görüşünü alacak. 30 büyükelhın tekiatına ayırdığı 81 ilin temayülü 51 ilin vekillerine de uygulanacak. Vekillere bölgelerinde kimleri aday olarak görmek istedikleri sorulacak. 31 Mart 2024'te tüm il ve ilçelerde zafer hedefleyen AK Parti'de diğer partilerle farklı görüşmele de devam ediyor. Edinilen bilgilere, Yeniden Refah ile görüşmeler sürerken HUDA PARTİ ile temaslarda her hangi bir parus bulunmuyor. **Emrah Özcan ANKARA**

KÜRESEL DİPLOMASİNİN MERKEZİ OLUYORUZ
BM İstanbul'da 'eş güdüm ofisi' kuracak

Esma Altun ANKARA
Bileşim Milletler (BM) İstanbul'da Kalkınma Eğitimi Ofisi açacak. İstanbul'da kurulacak ofiste ilgili uluslararası anlaşma TEMM Disiplin Komisyonu kabul edildi. Kalkınma Eğitimi Ofisinin bölgesel temelde koordinasyonu sağlamak amacıyla dünya genelinde 5 bölgesel ofisinin olduğunu hatırlatan Disiplin Bakan Yardımcısı Burak Akçaparı "Bunlardan birisi de İstanbul. Diğer bölgesel ofisler Panama, Addis Ababa, Orta Doğu için Amman ve Bangkok" dedi. "Söz konusu ofisin kuruluşu aynı zamanda İstanbul'un New York veya Cenevre gibi bir BM merkez haline gelmesi vizyonumuzda da yuvarlı, ona hizmet eder nitelikte" diyen Akçaparı "İstanbul'da kurulacak BM Kalkınma Eğitimi Bölgesel Ofisi, Avrupa ve Orta Asya'da görev yapan 18 BM koordinatörünü destekleyecek" bilgisini verdi. AK Parti Gaziantep Milletvekili ve Disiplin Komisyonu üyesi Ali Şahin de "Bu anlaşma Türkiye'nin, ülkemin küresel diplomasi merkezlerinden birisi haline gelmesi bakımından da son derece önemli ve müspet" değerlendirmesinde bulundu.

MEHMET ASLAN: İZNE GELECEKTİ, TEMELLİ GELDİ
Şehit babası oldum hain babası değilim

İrak'ta kuzeyinde Pençe-Kilit Harekati bölgesinde teröristlerle çıkan çatışmada şehit düşen piyade subyemezi Er Kemal Aslan'ın babası Mehmet Aslan, oğlu ile son görüşmesini anlattı. Baba Mehmet Aslan şunu söyledi: Şehidim ile en son konuşmamız aynı gün oldu. Saat 14:00 civarında konuşuk. Beni görürtülü aradı. Ne yapıyorsun diye sordukunda, "Bugün burada yağmur ve sis vardı. Telefonu bana alırdım ama telefon tam çekmiyordu. Uç gindir hava açmadı" dedi. İzne gelmek istiyordum, gelmezdi. Sabırlı ol, ınsallık gelizir dedim. Yağlar kesir, yollar düzleşir bana söz vermişler beni izne gönderecekler" dedi. Temelli izne geldi, gurur duyuyorum. Allah ondan rahmet olsun, anımda şehit babası oldum, hain babası değildi. Oyle olaydım kimse buraya gelmezdi. Şu an her taraftan anıyorlar. Telefonlara yetişeniyorlar.



ISMAIL KAPAN
NOKTALAR

Türkiye'nin önünü kesemeyecekler...

Bugüne kadar Türkiye'nin büyümesine, gelişmesine set çekmek için akla hayale gelmedik kalleşliklere başıuran dış düşmanlar ve onların yerli işbirlikçileri, hedeflerine ulaşamadı. Asla ve kata ulaşamayacaklar...

Türkiye ne zaman önemli bir siyasi veya ekonomik hamle yaparsa, her güçler derhal sabotaj etmeye için harekete geçer... 22 ve 23 Aralık günlerinde, Irak'ın kuzeyinde askerlerimize karşı girişilen kalleş saldırı da bu perşembe değerlendirilmeli. Türkiye Orta Doğu, Balkanlar, Kafkaslar ve Kuzey Afrika da, bölgesel ve küresel barışa hizmet eden çok önemli bir rol oynuyor. Gelecekte Türkiye'nin bu deneye etkil olmasını bazıları hiç haydemiyor. Bu gerçeği on yıllardır hep görüyor ve duyuyor. Ülkemizi kendiliğinden problemli hale getirmek, sadece kendileriyle meşgul ederek, uluslararası arenada önemli bir aktör olmaması önlemeye çalışıyorlar. Bunun için de fine satrını fine okuyorlar. Türk-Kürt, Alev-Sünni, laik-ilaik, v.b. kırk tezgahlarla, ülkemizin enerjisini çok büyük oranda bu alanlara harcanması mecburdır bırakıyorlar. Tam kırk yıldır ben bülöcü örgüt PKK'nın, arkasındaki bölgesel ve küresel güçlerin destekleriyle memleketimize verdiği hasarın büyüklüğü ortada. Devletimizin kararı ve bazarın mücadelesi, bülöcü terör örgütü ve onu hep arkalayan çevrelerin beklentilerini bozacak. Ancak bir kısmı doğu ve mütefak kesimleri içindeki güçlerin, milli birlik ve bütünlüğümüze yönelik hasarına politikaları hiç de sonlanacak gibi görünmüyor. Bu demektir ki, yakın ve uzak gelecekte, bülöcük fitesine daha çetin şartlarda mücadele etme mecburیتی doğabilir. Bunu herhang bir kararsızlık iladesi olarak almam. Elakise tehiklerin boyutlarına ve ona karşı yapmamız gereken ciddi hazırlara bir işaret! Sadıca. Daha açıkçası, bu meselede bazı büyük güçlerle doğrudan bazı kritik hesaplamaların içinde girebiliriz.

İrak'ın kuzeyinde, Hakkari, Garı, Zaz ve Mardin bölgelerinde kalıran askerlerimize karşı yapılan kalleş saldırının mahiyeti, bu konuda birçok ipucu veriyor. Ezer geçen silah ve malzeme net olarak adresi gösteriyor. Bu menfur hadiseden kısa bir müddet önce, Irak cephelerinde ülkemize, Başbakanı seviyesinde ziyaretlerin gerçekleştirilmesi, iki ülke arasında güvenlikle ilgili çok önemli kararların alınması ve Türkiye-Irak Kalkınma Yolu projesine dair ciddi birde tahatut, otuz üç gerek! Hın Baharat Koridoru ile Çin'in

DEM PARTİ ÖNÜNDE PROTESTO
Sarı torba bırakıldılar

■ Şehit ve gazı yakınları PKK'nın sivrisi kolu olan DEM Parti'ye öfnde eylem yaptı. Terörün kinayan tezahüratların yapıldığı eylemde, DEM Parti'nin terör örgütü PKK ile ilişkisini vurgu yapıldı. Genel Merkez'e sarı torba bırakıldı.

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DUYURU

Çilimli Jeotermal Kuyu Sondajı Projesi
Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi

HALKIN BİLGİLENDİRİLMESİ VE KATILIMI TOPLANTISINA DAVET

İller Bankası Sürdürülebilir Şehirler Projesi-II Ek Finansman kapsamında T.C. Çilimli Belediyesi tarafından yapılması planlanan "Çilimli Jeotermal Kuyu Sondajı Projesi" ve "Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi" için Çevresel ve Sosyal Yönetim Planı çalışmaları ile ilgili olarak halkı bilgilendirmek, halkın görüş ve önerilerini almak üzere aşağıda detayları verilen "Halkın Bilgilendirilmesi ve Katılımı Toplantısı" düzenlenecektir.

Tüm haklarınıza saygıyla duyurulur.

T.C. Çilimli Belediyesi

Toplantı Tarihi : 04.01.2024
Toplantı Saati : 11:00
Toplantı Yeri : T.C. Çilimli Belediye Başkanlığı Hizmet Binası Konferans Salonu

Proje Sahibi : T.C. Çilimli Belediye Başkanlığı
Tel : +90 (380) 681 50 04
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Resmî Harlar : www.iller.gov.tr/de BASIN: 1958231



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

Manşet

HABER

28 Aralık 2023 Perşembe

3

Düzce'de eğitimcilerin sesine kulak verilecek

Millî Eğitim Bakanlığının hayata geçirdiği eğitim politikalarına ilişkin başta okul yöneticileri ve öğretmenlerle istişarelerde bulunmak üzere karşılaşılan problemleri çözmeye kavuşturmak amacıyla bakan yardımcılarını ile bütün genel müdürlerin katılımıyla 81 il ziyaretleri başlatıldı. Millî Eğitim Bakanı Yusuf Tekin'in talimatıyla önümüzdeki günlerde Düzce'ye gelecek olan 4 bakan yardımcısı ile 20 genel müdür, eğitim öğretim faaliyetlerine ilişkin idare ve eğitimcilerle istişarelerde

bulunacak. Toplantılarda, eğitim öğretim süreçlerinin değerlendirilmesinin yanı sıra yerelde karşılaşılan problemlerin çözümü kavuşturması için yol haritası belirlenecek. İl ziyaretlerinde genel müdürler, daire başkanları ile birlikte il ve ilçe yöneticileri, okul müdürleri, öğretmen ve öğrencilerle buluşma fırsatı yakalayacak. Sınıflarda derslere katılacak olan genel müdürler, öğretmenler odasında da öğretmenler ile bir araya gelecek. Ayrıca her kademedeki yöneticilerin katılımıyla

toplantılar yapılacaktır. Yapılan toplantılarda yönetici ve öğretmenlerin görüş, önerileri ve talepleri alınarak eğitim öğretim ile ilgili yürütülen faaliyetler değerlendirilecek. Ayrıca bakanlığın yürüttüğü politikalar ve Öğretmenler Odası Buluşmalarında alınan kararlara bağlı olarak yapılacak değişiklikler ile gerek yerel gerekse ulusal düzeyde yapılacaklar üzerine görüş alışverişinde bulunulacaktır. Haber: Canan Üstüner



Eğitimdeki sorunların asgariye düşürülmesi amacıyla Bakanlık Heyeti Düzce'ye gelecek. Millî Eğitim Bakanlığı, okul yöneticileri ve öğretmenlerle istişarelerde bulunmak üzere bakan yardımcılarını ve tüm genel müdürleri önümüzdeki günlerde şehre gönderecek. Merkez ve ilçelerdeki eğitim kurumlarını ziyaret edecek olan üst düzey bürokratlar, öğretmenlerin fikir ve önerilerini dinleyecek.

MEB'den topyekûn saha ziyaretleri başladı

Sinema öğrencilerinden başarı



Düzce Üniversitesi Sanat, Tasarım ve Mimarlık Fakültesi Radyo, Televizyon ve Sinema Bölümü 4. Sınıf öğrencisi Güner Tuncer, bitirme projesi kapsamında Dr. Öğr. Üyesi Mehmet Emrah Erkanan danışmanlığında gerçekleştirdiği "Mola" isimli kısa filmiyle İstanbul, Ankara ve İzmir'de düzenlenen festivallere damga vurdu. Güner Tuncer'in filmi Mola, 15-17 Aralık 2023 tarihlerinde Ankara'da düzenlenen 7. Asya Uluslararası Kısa Film Festivali'nden Özel Ödülü ile ödülenken, Yeditepe Üniversitesi ile Ay Yapım ortaklığında İstanbul'da düzenlenen 3. Luma Kısa Film Festivali'nde Finalist olma başarısını gösterdi. Festival kapsamında İstanbul sinemaseverlerin beğenisine sunulan filmin bir diğer başarısı ise İzmir'den geldi. Mola, Uluslararası 3. Bornova Kısa Film Günleri'ne seçilerek, Kurmaca Film Seçkisi başlığı altında 15-17 Aralık 2023 tarihleri arasında İzmir'de izleyicilerin beğenisine sunuldu. Radyo, Televizyon ve Sinema Bölümü 4. sınıf öğrencisi Duhan Kavakoglu'nun yönetmenliğini yaptığı "Şikar" adlı kısa film ise, 2. Kocaeli Film Festivali kapsamında Öğrenci Filmleri Finalisti olarak festivalde yer alma başarısı

Kasım 2023 tarihleri arasında Kocaeli'de gösterime girdi. Radyo, Televizyon ve Sinema Bölümü ilk mezunlarımızdan ve bölümümüzü birincilik derecesiyle tamamlayan Aslı Şura Akyol'un kısa filmi 15. Sızık Kapısı, 24. Randevu İstanbul Uluslararası Film Festivali kapsamında 22 Aralık 2023 tarihinde Taksim AKM Yeşilçam Sineması'nda gösterime girdi. Film, Dr. Öğr. Üyesi Mehmet Emrah Erkanan ve Öğr. Gör. Turgay danışmanlığında 2022 yılı TÜRSAK 19. Geleceğin Sineması'na seçilen finalist projeler arasında yer almıştı. Filmin Kurgusu Arş. Gör. Korhan Topcu tarafından gerçekleştirilen, projede lisans ve yüksek lisans öğrencileri aktif görev aldılar. Çekimleri Düzce'de gerçekleştirilen üç filmde de Sanat, Tasarım ve Mimarlık Fakültesi Radyo, Televizyon ve Sinema Bölümü öğrencileri ve akademisyenleri aktif rol üstlendiler. Dr. Öğr. Üyesi Mehmet Emrah Erkanan'ın ortak yapımcısı olduğu film Mola'nın sanat yönetmenliğini Arş. Gör. Korhan Topcu üstlenirken, Duhan Kavakoglu'nun filmi "Şikar"ın ekipman desteği Dr. Öğr. Üyesi Evren Günevi Uslu ve Öğr. Gör. Murat Uslu tarafından sağlandı. Kaynak: Düzce Belediyesi

Ek ödenek konulması talebi kabul edildi



Düzce Belediye Meclisi aralık ayı toplantılarının tamamlanmasının ardından olağanüstü toplantıda bir araya geldi. Kabul edilen ek ödenek konulması talebi başta olmak üzere 3 gündem maddesi meclis üyelerinin oyları ile karara bağlandı. Düzce Belediyesi'nden yapılan açıklamaya göre, Düzce Belediyesi Meclisi aralık ayı 4 birleşimi

olağanüstü toplantı şeklinde 3 gündem maddesinin görüşülmesi ile gerçekleştirildi. Meclisin ilk gündem maddesinde ek ödenek konulması talebi meclis üyeleri tarafından kabul edildi. Meclis, aralık ayı toplantılarının tamamlanmasının ardından gerçekleştirilen ikinci olağanüstü toplantıda başkanvekili Hüdaver Gösterişli başkanlığında bir araya

gelirken, ilk olarak bir önceki meclis toplantısının tutanak özeti okundu. Tutanak özeti oyların birliği ile kabul edilmesinin ardından geçilen, gündem maddelerinde ilk olarak, ek ödenek konulması talebi meclis üyeleri ile paylaşıldı. Yapılan oylamada madde kabul edilirken, ikinci gündem maddesinde Çerkezaşköprü ve Kadıoğlu mahalleleri sınırları içinde kalan alana yönelik kamu, yaran kararı maddesi görüşülerek karara bağlandı. Olağanüstü toplantının son gündem maddesinde ise Akyazı, Kıraklı, Otluoğlu ve Taşköprü köylerinin belediye sınırları içerisine katılması meclis üyelerinin oylamasının ardından kabul edildi. Meclisin bir sonraki toplantısı 2 Ocak 2024 Salı günü saat 18.00'da yapılacak. Kaynak: Düzce Belediyesi

Çilimli Jeotermal Kuyu Sondajı Projesi Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi ÇİLİMLİ BELEDİYE BAŞKANLIĞI

HALKIN BİLGİLENDİRİLMESİ VE KATILIMI TOPLANTISINA DAVET

İller Bankası Sürdürülebilir Şehirler Projesi-II Ek Finansman kapsamında T.C. Çilimli Belediyesi tarafından yapılması planlanan "Çilimli Jeotermal Kuyu Sondajı Projesi" ve "Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi" için Çevresel ve Sosyal Yönetim Planı çalışmaları ile ilgili olarak halkı bilgilendirmek, halkın görüş ve önerilerini almak üzere aşağıda detayları verilen "Halkın Bilgilendirilmesi ve Katılımı Toplantısı" düzenlenecektir. Tüm halkımıza saygıyla duyurulur.

T.C. Çilimli Belediyesi
Toplantı Tarihi : 04.01.2024
Toplantı Saati : 11:00
Toplantı Yeri : T.C. Çilimli Belediye Başkanlığı Hizmet Binası
Konferans Salonu
Proje Sahibi : T.C. Çilimli Belediye Başkanlığı
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Resmî İlanlar: www.ilan.gov.tr'de (Basın: 01958231) (www.bik.gov.tr)



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"Türkiye'nin Yeni Okulları"

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Flyer for Public Informing about the Public/Stakeholder Consultation Meeting



Çilimli Jeotermal Kuyu Sondajı Projesi Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi

HALKIN BİLGİLENDİRİLMESİ VE KATILIMI TOPLANTISINA DAVET

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Tüm halkımıza saygıyla duyurulur.

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Proje Sahibi : T.C. Çilimli Belediye Başkanlığı

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Çilimli Municipality Website - Disclosure Page for ESMP and SEP


 cilimli.bel.tr/detay/surdurulebilirler-sehirler-projesi

0 681 50 04

Sık Kullanılanlar

Arşiv

Basın Odası



ÇİLİMLİ KİŞİ FETİ BAŞKAN YÖNETİM MÜDÜRLÜKLER PROJELERİMİZ HİZMETLERİMİZ İLETİŞİM

Haberler ve Duyurular

Anasayfa / Haberler ve Duyurular / Sürdürülebilirler Şehirler Projesi

Sürdürülebilirler Şehirler Projesi





Kategori: Haberler ve Duyurular Tarih: 22.12.2023 Okunma: 66



Çilimli Jeotermal Kuyu Sondajı Projesi Çevresel ve Sosyal Yönetim Planı

Çilimli Jeotermal Kuyu Sondajı Projesi Paydaş Katılım Planı

Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi Çevresel ve Sosyal Yönetim Planı

Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi Paydaş Katılım Planı

#	DOSYA ADI	İNDİR
	Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi Çevresel ve Sosyal Yönetim Planı Sürdürülebilirler Şehirler Projesi	DOSYAYI İNDİR
	Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi Paydaş Katılım Planı Sürdürülebilirler Şehirler Projesi	DOSYAYI İNDİR
	Çilimli Jeotermal Kuyu Sondajı Projesi Paydaş Katılım Planı Sürdürülebilirler Şehirler Projesi	DOSYAYI İNDİR
	Çilimli Jeotermal Kuyu Sondajı Projesi Çevresel ve Sosyal Yönetim Planı Sürdürülebilirler Şehirler Projesi	DOSYAYI İNDİR


 

BASIN ODASI

- Haberler ve Duyurular
- Basın Kiti
- Foto Galerisi
- Video Galerisi
- E-Katalog
- Dokümanlar

SIK KULLANILANLAR

- Meclis ve Komisyon Kararları
- Meclis İlanları
- Gelir Tarifeleri
- İlanlar
- Vefat Edenler
- Otobüs Saatleri
- Elektrik Kesintileri
- Dokümanlar





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Project Information Brochure

sıvısı/çamuru ve jeotermal su oluşacaktır. Diğer olası çevresel ve sosyal riskler arasında iş sağlığı ve iş güvenliği, toplum sağlığı, güvenliği ve emniyeti bulunmaktadır. ÇSYP'de inşaat öncesi dönem, inşaat aşaması, sondaj aşaması ve kuyu kapatma aşamaları dikkate alınarak tüm potansiyel etkiler için etki azaltma planları ve izleme planları hazırlanmıştır. Çilimli Belediyesi, proje faaliyetlerinin çevresel ve sosyal etkilerini, ilgili ulusal mevzuat ve uluslararası standartları da dikkate alarak izleyecek ve raporlayacaktır.

ÇSYP'nin uygulanmasından sorumlu ana kurum Çilimli Belediyesi'dir. Projenin sorumlu tarafları arasında Çilimli Belediyesi tarafından yapılacak ihale süreci ile belirlenecek ve İller Bankası A.Ş. tarafından onaylanacak olan Denetim Danışmanı ve proje faaliyetlerinin uygulanması için ihalenin verileceği Yüklenici'de olacaktır.

Paydaş Katılımı ve Şikayet Mekanizması

Projenin paydaşlarının belirlenmesi, paydaşlarla katılım yöntemlerinin tanımlanması ve Çilimli Belediyesi ile paydaşlar, etkilenen topluluklar ve ilgili gruplar arasında bir diyalog kurulması ve bu diyalogun korunmasını amaçlayan bir Paydaş Katılımı Planı (PKP) hazırlanmıştır.

Projenin inşaat, sondaj ve kapatma aşamalarında tüm paydaşların görüşlerini,

endişelerini, şikayetlerini ve önerilerini almak üzere bir Şikayet Mekanizması kurulacaktır. Bu mekanizma aracılığı ile iletilen şikayetler, hızlı ve hassas bir şekilde ele alınacaktır. Şikayet mekanizmasının kurulmasından ve uygulanmasından Çilimli Belediyesi sorumlu olacaktır.

Paydaşlar, şikayetlerini ve görüşlerini aşağıda belirtilen kanallar aracılığıyla iletebileceklerdir:

• Paydaş Katılımı Toplantıları

• T.C. Çilimli Belediyesi

İnternet sitesi: <https://www.cilimli.bel.tr/>

E-posta: bilgi@cilimli.bel.tr

Telefon: +90 380 681 50 04

Resmî yazışma adresi: Ulucami Mah. Pazaryeri Sk. No: 01

Çilimli / DÜZCE

• İller Bankası A.Ş.

İnternet sitesi:

<https://www.ilbank.gov.tr/form/bilgiedineuilusulararasi>

E-posta: bilgiedib@ilbank.gov.tr ve etikuidb@ilbank.gov.tr

Telefon: +90 312 508 79 79

Resmî yazışma adresi: İLBANK Uluslararası İlişkiler

Dairesi, ŞÇM Ekibi Emniyet Mahallesi Hipodrom Caddesi

No:9/21 Yenimahalle/ANKARA

• Cumhurbaşkanlığı İletişim Merkezi (CİMER)

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E-posta: cumhurbaşkanligi@tcbb.gov.tr

Resmî Yazışma Adresi: T.C. İletişim Başkanlığı Kızılırmak

Mah. Mevlana Bulvarı No:144 Çankaya/ANKARA



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SÜRDÜRÜLEBİLİR ŞEHİRLER PROJESİ-II Ek Finansman

ÇİLİMLİ JEOTERMAL KUYU SONDAJ PROJESİ BİLGİLENDİRME BROŞÜRÜ



ARALIK 2023



Çilimli Jeotermal Kuyu Sondajı Projesi (Proje), Dünya Bankası desteği ile İller Bankası A.Ş. tarafından şehirlerdeki sürdürülebilir kalkınmayı desteklemek için yürütülen Sürdürülebilir Şehirler Projesi-II-Ek Finansman (SŞP-II-EF) programı kapsamındaki alt projelerden biridir.

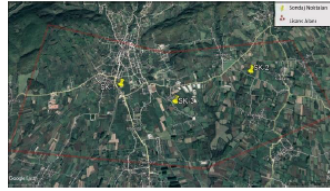
Proje, Dünya Bankası tarafından finanse edilecek olup, İller Bankası A.Ş. aracılığı ile T.C. Çilimli Belediyesi tarafından yürütülecektir.

Proje, Düzce İli, Çilimli İlçesinde üç jeotermal kuyu sondajından oluşmaktadır. Proje, jeotermal suyun potansiyel kullanımını belirlemeyi, araştırmayı ve geliştirmeyi amaçlamaktadır. Proje kapsamı yalnızca jeotermal kaynağın potansiyel kalitesi ve gelecekteki kullanımını belirlemek amacı taşıyan bir keşif aşamasından oluşmaktadır. Proje kapsamında kuyuların işletimi bulunmamaktadır.

Kuyu konumları, Düzce İli, Çilimli İlçesinde bulunan 1.654 hektar (ha) alan için 01.09.2020 tarihinde Düzce İl Özel İdaresi Genel Sekreterliği'nden alınan ve 01.09.2024 tarihine kadar geçerli olan ARA.81.00.2020.JEO.1 sayılı Jeotermal Kaynak Arama Ruhsatı içindedir.

İlk sondaj noktası (SK-1) Ulucami Mahallesi, 656 blok, parsel no 1'de Düzce Caddesine bitişik olan kullanılmayan bir arazi

üzerindedir. İkinci sondaj noktası (SK-2) Kırızlarla Köyünde, Kırızlarla Köyü iç yolunun 510. m'sine bitişik olan bir alandır. Son sondaj noktası (SK-3) Söğütü Köyünde, Söğütü Sokağının 600. m'sine bitişik olan bir alandır.



Şekil 1. Jeotermal Kuyu Konumları

Sondaj derinlikleri SK-1 sondaj kuyusu için 700 m, SK-2 ve SK-3 sondaj kuyuları için 600 m olacaktır. SK-1, SK-2 ve SK-3 için proje alanları sırasıyla 581,74 m², 96,65 m² ve 146,19 m²'dir. Sondaj kuyusu konumları ya belediye ya da devlet arazisi olduğundan Proje ile ilişkili herhangi bir kamulaştırma/yeniden yerleşim olmayacaktır.

Proje için Çevre, Şehircilik ve İklim Değişikliği Bakanlığı tarafından 13 Haziran 2022 tarihli "Çevresel Etki Değerlendirmesi Gerekli Değildir" kararı verilmiştir.

Proje süresinin üç ila dört ay arasında olması beklenmektedir. Üç kuyu eş zamanlı olarak değil sırayla açılacaktır.

Proje kapsamında 10 kişinin istihdam edileceği öngörülmektedir.

Sondaj kuyusu testleri başarılı olursa, kuyu ağız bir vana ile kapatılacaktır. Kuyu testleri düşük bir jeotermal kaynak potansiyeli gösterir ise kuyu kapatma işlemi gerçekleştirilecektir.

Tüm sondaj noktalarında bir sondaj çamuru havuzu ve bir hafriyat toprağı depolama alanı kurulacaktır. SK-1 sondaj yerinde üst toprak depolama alanı gerekli olacaktır. SK-2 ve SK-3 sondaj yerleri yola bitişik veya kısmen yol üzerinde bulunduğu için bir üst toprak depolama alanına ihtiyaç yoktur.

Proje, ulusal mevzuat ve Dünya Bankası koruma önemi politikaları ile uyumlu olarak yönetilecektir.

Çevresel ve Sosyal Yönetim Planı

Projenin inşaat ve sondaj faaliyetlerinin çevresel ve sosyal etkilerinin olması beklenmektedir. Projenin potansiyel çevresel ve sosyal etkilerini ve ilgili etki azaltma önlemlerini belirlemek amacıyla bir Çevresel ve Sosyal Yönetim Planı (ÇSYP) geliştirilmiştir.

Projenin ana potansiyel çevresel ve sosyal etkileri/riskleri; sondaj aşaması sırasında oluşacak olan hafriyat atığı, atıklar, hava emisyonları ve gürültü olarak belirlenmiştir. Kuyu geliştirme aşamasında sondaj





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Bu Proje Avrupa Birliği, Türkiye Cumhuriyeti ve Dünya Bankası tarafından ortaklaşa finanse edilmektedir

Presentation Given in the Public/Stakeholder Consultation Meeting

SÜRDÜRÜLEBİLİR ŞEHİRLER PROJESİ-II Ek Finansman

ÇİLİMLİ JEOTERMAL KUYU SONDAJİ PROJESİ

Halkın Bilgilendirilmesi ve Katılımı Toplantısına Hoşgeldiniz
04.01.2024

Kapsam / Gündem

- Proje Yürütücüsü, Uygulayıcısı ve Finansörü kimdir?
- Projenin Tanıtımı
- Projenin beklenen faydaları nelerdir?
- Çevre ve Sosyal Çalışmalar nedir?
 - Olası çevresel ve sosyal etkiler
 - Etki Azaltıcı Önlemler ve Yönetim Stratejileri
- Paydaş Katılımı
 - Sürece Nasıl Dahil Olabilirsiniz?
- Sorular ve Cevaplar (Proje ile ilgili soru, beklenti, görüş ve öneriler)

Proje Yürütücüsü, Uygulayıcısı ve Finansörü

Proje Yürütücüsü: İLBANK
Proje Uygulayıcısı: ÇİLİMLİ
Proje Finansörü: THE WORLD BANK

Projenin Tanıtımı

- Çilimli Jeotermal Kuyu Sondajı Projesi (Proje), Dünya Bankası desteği ile İller Bankası A.Ş. tarafından şehirlerdeki sürdürülebilir kalkınmayı desteklemek için yürütülen Sürdürülebilir Şehirler Projesi-II-Ek Finansman (SSP-II-EF) programı kapsamındaki alt projelerden biridir.
- Proje, jeotermal kaynakların geliştirilmesi için üç farklı sondaj kuyusunun (SK-1, SK-2 ve SK-3) kurulmasıdır.
- Kuyu konumları, Düzce İli, Çilimli İlçesinde bulunan 1.654 hektar (ha) için 01.09.2020 tarihinde Düzce İli Özel İdare Genel Sekreterliğinden alınan ve 01.09.2024'e kadar geçerli olan Jeotermal Kaynak Arama Ruhsatı içindedir.
- Sondaj derinlikleri SK-1 kuyusu için 700 m, SK-2 ve SK-3 kuyuları için 600 m olacaktır.
- SK-1, SK-2 ve SK-3 için proje alanları sırasıyla 581,74 m², 96,65 m² ve 146,19 m²'dir.

Projenin Tanıtımı

- Proje için Çevre, Şehircilik ve İklim Değişikliği Bakanlığı tarafından 13 Haziran 2022 tarihli "Çevresel Etki Değerlendirmesi Gerekli Değildir" kararı verilmiştir.
- Proje süresinin üç ila dört ay arasında olması beklenmektedir. Üç kuyu eş zamanlı olarak değil sırayla açılacaktır.
- Proje kapsamında 10 kişinin istihdam edileceği öngörülmektedir.
- Tüm sondaj noktalarında bir sondaj çamur havuzu ve bir hafriyat toprağı depolama alanı kurulacaktır. SK-1 sondaj yerinde üst toprak depolama alanı gerekli olacaktır. SK-2 ve SK-3 sondaj yerleri yola bitişik veya kısmen yol üzerinde bulunduğu için bir üst toprak depolama alanına ihtiyaç yoktur.

Projenin Yeri

Jeotermal Kuyu Konumları

- SK-1 sondaj noktası, Ulucami Mahallesi'ndeki Düzce Caddesi üzerinde bulunan İlçe Devlet Hastanesinin kuzey doğu köşesinde 656 blok, parsel no. 1'dir.
- SK-2 sondaj noktası, Çilimli İlçesinde Akçakoca İlçesi Yolu'na giden Sarımeşe yol kavşağında, Kırzıtarla Köyü yolunun 510. metresinde konumlanmıştır.
- SK-3 sondaj noktası, Sığıntı Köyündeki Sığıntı Sokakının 600. metresinde yol üzerinde bulunmaktadır.

Projenin Yeri

SK-1 Sondaj Lokasyonu SK-2 Sondaj Lokasyonu SK-3 Sondaj Lokasyonu

Projenin Amacı

- Proje, jeotermal suyun potansiyel kullanımı belirlemeyi, araştırmayı ve geliştirmeyi amaçlamaktadır. Proje kapsamı yalnızca jeotermal kaynağı potansiyel kalitesi ve gelecekteki kullanımı belirlemek amacı taşıyan bir keşif aşamasından oluşmaktadır.
- Bir sonraki aşamada, kaynağın kalitesi ve sıcaklığına bağlı olarak bu kaynağın jeotermal tesis, spa veya sulama amaçlarıyla kullanılabilmesi için Belediye tarafından çalışmalar gerçekleştirilecektir.
- Sondaj kuyusu testleri başarılı olursa, kuyu ağız bir vana ile kapatılacaktır. Kuyu testleri düşük bir jeotermal kaynak potansiyeli gösterir ise kuyu kapatma işlemi gerçekleştirilecektir.
- Proje kapsamında kuyuların işletimi bulunmamaktadır.



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Proje Arazileri

- Tüm sondaj kuyusu konumları ya belediye ya da devlet arazisi olduğundan, Proje ile ilişkili herhangi bir kamulaştırma/yeniden yerleşim olmayacaktır.
- SK-1 sondaj alanı Devlet Su İşlerine (DSİ) aittir ve SK-2 sondaj alanı, Düzce İl Özel İdaresi sorumluluğu altında olan bir belediye arazisidir; gerekli onaylar DSİ ve Düzce İl Özel İdaresinden alınmıştır.
- SK-3 sondaj alanı bir belediye arazisidir ve Soğutlu Köyü Muhtarından köy meclisinin sondaj çalışmalarına bir itirazı olmadığını belirten ve ilgili çalışmalar için onay veren bir görüş yazısı alınmıştır.



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Proje Aşamaları

- Üst toprağın sıyırılması:** Çamur havuzlarının kazı çalışması yapılmadan önce sondaj faaliyetinin gerçekleştirileceği kısımlardaki bitkisel toprak saha yüzeyinden sıyırılacaktır. Sıyırılan üst toprak daha sonra arazi ve yeşil alanların rehabilitasyonunda kullanılmak üzere geçici olarak sahada belirlenen bir alanda depolanacaktır.
- Kazı işleri:** Çamur havuzlarının kazı sırasında çıkarılan toprak kazı toprağı depolama alanında depolanacaktır. Sondaj tamamlandığında çalışma alanları eski haline getirilecektir.
- Sondaj kulesinin kurulması:** Sondaj kulesi sistemi çekme işleri, vinç sistemleri, kanaklar ve motorlardan oluşur. Sondaj kulesi konvansiyonel sabit veya taşınabilir/mobil olabilir. Kule parçaları proje alanına getirilir ve yerinde monte edilir. Sondaj makinesinin kule yapısı, sondaj aleti ve boru sırasını statik ve hareketli olarak taşıyıcı ve aynı zamanda belirli bir rüzgar gücüne dayanmaya yetecek kadar güçlü olacaktır. Kulenin yüksekliği arttıkça tek seferde alabileceği boru uzunluğu da artar, böylece sondaj süreci hız kazanır.
- Çamur havuzlarının kurulması:** Sondaj faaliyetlerinde temel işlemlerden biri de çamur sisteminin oluşturulmasıdır. Proje kapsamında sondaj işlemi sırasında oluşturulacak olan çamur havuzuna ek olarak sondaj sıvısının hazırlanması için bir temiz su tankı, sondaj işlemi sırasında ortaya çıkan suyun yeniden kullanılmasını sağlamak için bir temiz su tankı oluşturulacaktır. Sondaj işlemi sırasında kullanılan suyun yeniden kullanılması için bir devridaim tankı oluşturulacaktır.



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Proje Aşamaları

- Sondaj işleri:** Proje kapsamında jeotermal kaynağın araştırılması için sondaj yönteminde dönen bir sondaj makinesi kullanılacaktır. Dönen sondaj tekniğinde basınç altında dönen sondaj aletinin kesici diğeri tarafından formasyon kırılması sonucunda oluşan formasyon parçaları suyla birlikte atılacaktır. Bu yöntemde dönmeye yoluyla sıyrma basıncı ve ilerleme basıncı ve tork tarafından sağlanır. Dönmeye işlemi, dönmeye sondajda sondaj işlemi yaratan sistemdir. 17,5 inçten 70 metrekil bir derinliğe inilecektir ve yüzeydeki gevrek formasyonu ve varsa yeraltı suyunu izlemek için 14 inçlik bir spiral kaynaklı muhafaza borusu indirilecektir.
- Borulama işleri:** Borulama, proje kapsamında belirlenen sondaj derinliğine kadar yapılır.
- Cimentolama işleri:** Cimentolama, muhafaza borusu/kuyu duvarlarını çimento harcı ile doldurma işlemidir. Çimento harcı olarak bilinen malzeme, çimento ve suyun karıştırılmasıyla oluşturulur. Cimentolama işlemi, muhafaza borularının birbirlerine ve tork tarafından sağlanan özel kuyu kopullarına karşı yük taşıma ve direnci göstermesini sağlar. Ek olarak, muhafaza boruları ile açılan ve kapatılan kuyular yüzeye kadar cimentolacaktır.
- Kuyu tamamlama testleri:** Proje kapsamında kaynak temininde kuyu başları kuyu başı ekipmanı ile donatılacaktır. Jeotermal kaynağın tespit edildiği kuyular, akışkanın sağlıklı olması ve çevreyi kirlilememesi için üretim kuyularında kullanılan ekipmanları yani kuyu başını yerleştirilmesinden sonra kapatılacaktır.
- Arazi rehabilitasyon faaliyetleri:** Her bir sondaj noktasında sondaj işleri tamamlandıktan sonra, çıkarılan alanlara hafriyat toprağı serilecektir ve alanın rehabilitasyonu gerçekleştirilecektir.



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Çevresel ve Sosyal Yönetim Planı (ÇSYP)

- Projenin inşaat ve sondaj faaliyetleri ile ilgili olarak potansiyel çevresel ve sosyal risklerini ve etkilerini (fiziksel, doğal, kültürel, sosyal ve sosyo-ekonomik çevre üzerine etkiler/riskler) ve ilgili etki azaltma önlemlerini belirlemek amacıyla bir Çevresel ve Sosyal Yönetim Planı (ÇSYP) geliştirilmiştir.
- ÇSYP çalışması ACE Danışmanlık ve Mühendislik A.Ş. tarafından yürütülmüştür.
- ÇSYP'de inşaat öncesi dönem, inşaat aşaması, sondaj aşaması ve kuyu kapatma aşamaları dikkate alınarak tüm potansiyel etkiyi için etki azaltma planları ve izleme planları hazırlanmıştır. Cilizmi Belediyesi, proje faaliyetlerinin çevresel ve sosyal etkilerini, ilgili ulusal mevzuat ve uluslararası standartları da dikkate alarak izleyecek ve raporlayacaktır.
- ÇSYP'nin uygulanmasından sorumlu ana kurum Cilizmi Belediyesi'dir. Projenin Sorumlu tarafları arasında Cilizmi Belediyesi tarafından açılacak ihale süreci ile belirlenecek ve İller Bankası A.Ş. tarafından onaylanacak olan Denetim Danışmanı ve proje faaliyetlerinin uygulanması için ihalenin verilmesi yüklenicisi olacaktır.



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Yönetim Planları

Çevresel ve Sosyal Etkileri azaltmak için alt yönetim belgeleri hazırlanacak ve tüm çalışanlara şu konularda gerekli eğitim sağlanacaktır:

- Hava Emisyonları Yönetim Planı
- Gürültü ve Titreşim Yönetim Planı
- Asık Yönetim Planı
- Üst Toprak Yönetim Planı
- Erozyon Kontrol Prosedürü
- Kimyasal ve Tehlikeli Madde Yönetim Planı
- Trafik Yönetim Planı
- Acil Durum Müdahale Planı (halk sağlığı, güvenliği ve emniyeti konusunda acil durum sorunları dahil)
- Halk Sağlığı, Güvenliği ve Emniyeti Planı
- Diş Şikayeti Çözüm Mekanizması (ÇÇM) dahil PKP
- "İç ÇÇM" içeren İnsan Kaynakları Yönetim Planı ve Prosedürleri
- İSG Yönetim Planı ve Prosedürleri



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Toz ve Gaz Emisyonları

Çevresel ve Sosyal Etkiler ve Etki Azaltma Önlemleri

- Olası Etkiler**
 - Üst toprağın kazılması, hafriyat çalışmaları ve arazi temizliği işlemleri sırasında toprak tozu emisyonu meydana gelir.
 - Sondaj öncesinde çamur çukurları oluşturmak için kuyu konumlarında kazı işleri yürütülecektir. Kazılan toprak kamyonlara yüklenerek ve hafriyat toprağı depolama alanlarına taşınacaktır.
 - Proje faaliyetleri sırasında kullanılan inşaat malzemelerinin aşınması ile ilgili sebeplerle egzoz gazı emisyonu olması beklenmektedir.
- Alınacak Önlemler**
 - Yükler, toz oluşumunun azaltılması için uygun materyaller (muğama vb.) ile örtülecektir.
 - Hafriyat sırasında, hafriyat malzemeleri naylon örtü ile örtülecektir.
 - En fazla tozun oluştuğu alanlarda koruyucu örtüler veya perdeler kullanılacaktır.
 - Gerekirse doldurma, boşaltma ve aktarma çalışmaları sırasında su püskürtme suretiyle toz bastırma işlemi yapılacaktır. Boşaltma işlemi dikkatlice yapılacaktır.
 - Projenin inşaatı ve etrafında hareket edecek olan araçlar için hız sınırlaması getirilecektir.
 - Malzemelerin sahaya taşınması sırasında, toz emisyonlarını önlemek için araçların toz emilimci düzenli aralıklarla yıkanacaktır.
 - Toz emisyonlarını azaltmak için iş makineleri ve araçların düzenli olarak temizliği ve ilgili ekipmanların bakımları yapılacaktır.
 - En yakın alıcılarda toz ile ilgili herhangi bir şikayeti gelmesinde toz ölçümleri buna göre yapılacaktır.
 - Faaliyet kapsamında oluşacak gaz emisyonlarının kontrolü için yeni ve bakımlı araçlar kullanılacaktır.
 - Makine ve ekipmanların gerektirdiği kullanılması sonucu ortaya çıkan emisyonlar engellenecektir.



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Gürültü ve Titreşim

Çevresel ve Sosyal Etkiler ve Etki Azaltma Önlemleri

- Olası Etkiler**
 - Proje kapsamında kullanılacak sondaj kulesi ve diğer araçların (su tankı, yükleyici, kamyon ve jeneratör) işletimi sırasında gürültü ve titreşim meydana gelebilir.
 - Gürültü ve titreşim oluşumunun, proje sahasını çevreleyen alandaki işçiler, yerel halk ve hayvanlar üzerinde potansiyel olumsuz etkileri olabilir.
- Alınacak Önlemler**
 - Proje için gürültü azaltıcı sınırlara sahip olmayan araçlar kullanılmayacaktır.
 - Kullanılacak makineler yeni ve kaliteli, son teknoloji ürünler olacaktır ve trafik denetimi ve egzoz ölçümleri sürekli olarak gerçekleştirilecektir.
 - Herhangi bir faaliyet yapılmadan önce daha fazla düzenli faaliyet ve gerekirse etki azaltma önlemlerinin belirlenmesi için en yakın hassas alıcılarda mevcut durum gürültü ölçümleri yapılacaktır.
 - Çalışmalar yalnızca gündüz vakti yürütülecek ve akşam ve gece vakti dönemlerinde çalışma olmayacaktır.
 - Yakın yerleşim yerlerinde ikamet eden bölge sakinlerini inşaat faaliyetlerinin süresi hakkında bilgilendirilecektir.
 - Yakın konut alanları, hastaneler ve okullar gibi hassas alıcılara dikkate alınarak proje sahası civarında kesintisiz çalışma sahası gürültüsü için 55 dBA sınır değeriyle (gündüz vakti) (Dünya Bankası Grubu ÇSG Kılavuz İlkelere Çevresel Gürültü) uygunluk sağlanacaktır.



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Gürültü ve Titreşim

Çevresel ve Sosyal Etkiler ve Etki Azaltma Önlemleri

- Alınacak Önlemler**
 - Araçların yıllık muayenesi kontrol edilecek ve uygulanacaktır. Girişimde gürültüye sebep olacak tüm makineler ve ekipmanlar düzenli olarak bakımdan geçirilecek ve ekonomik ömürleri sona erdiğinde yenilenecektir. İşletme ekipmanları aynı anda çalıştırılmayacaktır.
 - Araçların taşıma hız sınırlarını aşmamasına özel olarak dikkat edilecektir; araçların ağırlıkları üzerindeki yük konusunda sınırların aşılmasına dikkat edilecektir.
 - Çalışanlar gürültü azaltma önlemleri konusunda eğitilecektir. Kamyon ve araç sürücüler, belirlenen hız limitlerine uyacak ve inşaat aşamasında korna kullanarak gürültü yapmaması konusunda uyarılacaktır.
 - Gürültüye yol açan makine ve ekipmanların gerektirdiği kullanılması engellenecektir. Halihazırda kullanılmayan araçların rölantide kalması önlenmektedir.
 - Gürültü bariyerleri uygulanacaktır.



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Toprak Kalitesi

Olası Etkiler

- Araçlardan ve diğer makinelerden kaynaklı akaryakıt oluşabilir ve bu akaryakıtın, araçlara ve diğer iş makinelerine düşen şekilde bakım yapılmadığı takdirde toprağı kirletmesi söz konusu olabilir.

Alınacak Önlemler

- Yoğun yağışlı dönemlerde faaliyetlerden mümkün olduğunca kaçınılacaktır.
- Temiz su akışı ayrılmak veya ayrı bir yere yönlendirilecektir.
- Yol genişliği, yüzey malzemesi, sıkıştırma ve bakıma bağlı olarak yeterli yol drenajı sağlanacaktır.
- Sızımın önlenmesi için bir Kimyasal ve Tehlikeli Madde Yönetimi Planı uygulanacaktır. Tanım arazilerine sızıntı olduğu takdirde, bir Acil Durum Müdahale Planı (halk sağlığı, güvenliği ve emniyeti konularındaki acil durumlar dahil) ve bir Halk Sağlığı, Güvenliği ve Emniyeti Planı uygulanacaktır.
- "Erozyon Kontrol Prosedürü" uygulanacaktır.



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Atık Yönetimi

Olası Etkiler

- Sondaj Çamuru Sondaj kulelerine hasar gelmesini önlemek için sondaj işleri sırasında sondaj çamuru hazırlamak için tehlikesiz bir kil materyali olan bentonit ve sudan oluşan bir karışım olacaktır.
- Evel Nitelikli Katı Atık Hafriyat Atığı ve Üst Toprak Sondaj faaliyetleri ve çamur çukurlarının kazı işleri sebebiyle hafriyat toprağı ortaya çıkması
- Atık Yağlar Jeotermal kaynak keşfi sırasında sondaj kulesi ve araçlarının bakımı ve yağ değişimleri servis atık yağ oluşumu olabilir

Alınacak Önlemler

- Proje kapsamında her bir sondaj alanında bir çamur çukuru oluşturulacaktır. Çamur çukuru hacimleri tüm sıvı sondaj atıklarını toplamaya yetecek kapasitede olacaktır.
- Çamur çukuru ve üst kapatma sisteminde doğal / jeosentetik kil veya jeomembran kullanılarak geçirimsizlik sağlanacaktır.
- Çamur kurumaya bırakılacak, daha sonra atık özelliklerinin belirlenmesi için test edilecek ve test sonuçlarına dayalı olarak (atıl, tehlikesiz veya tehlikeli) atık yönetimi yetimlikleri doğrultusunda lisanslı bir şirket tarafından bertaraf edilecektir. Bertaraf yöntemi çamurun özelliklerine dayalı olacaktır (atıl, tehlikesiz veya tehlikeli) ve çamur buna uygun olarak lisanslı bir bertaraf tesisine gönderilecektir.



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Atık Yönetimi

Alınacak Önlemler

- Ambalaj atıkları başmız, her atık tipi için işaretlenmiş ve faaliyet alanına yerleştirilmiş konteynerlerde toplanacak ve ayrı ayrı depolanacaktır (cam, metal, plastik, kağıt/karton ve ağaç).
- Ambalaj atıkları CİLİMİ Belediyesi'nin lisanslı geri dönüşüm ve toplama sistemine teslim edilecektir.
- Ambalaj atıklarının Kontrolü Yönetmeliği'ne uyulacaktır.
- Sahada atık yağ oluşumu durumunda Atık Yağların Yönetimine Dair Yönetmelik'in gerekliliklerine uyulacaktır.
- Atık yağlar geçirimsiz kapaklı, kapalı, uygun renkle ve atık kodlarıyla işaretlenmiş ve soal alanlarda bulunan konteynerlerde toplanacaktır (en az 25 cm kalınlığında beton zeminlerde yağ geçirmez, jeomembran veya epoksi kaplamalı).



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Kimyasal ve Tehlikeli Madde Yönetimi

Olası Etkiler

- Proje faaliyetleri sırasında araçların ve diğer iş makinelerinin bakımı için bakım yağları gibi kimyasallar kullanılacaktır. İnşaat aşamasında kullanılan araçlardan ve diğer makinelerden kaynaklı akaryakıt oluşabilir ve bu akaryakıt, araçlara ve diğer iş makinelerine düşen şekilde bakım yapılmadığı takdirde çevreyi kirletebilir.
- Proje faaliyetleri süresince, basınçlı gaz tüpleri, kostikler, boyalar, tinerler gibi tehlikeli maddelerin dökülmesi veya sızması nedeniyle toprak ve su kirliliği meydana gelebilir.

Alınacak Önlemler

- Üzerlerinde bileşimi, özellikleri ve taşıma bilgileri bulunan sızdırmaz kaplar, dökülmeyi ve sızıntı olmasını önlemek için geçici depolama olarak kullanılacaktır.
- Çalışmalar sırasında kullanılacak araç, gereç ve diğer makine ekipmanlarının ne durumda oldukları düzenli bir şekilde gözden geçirilecektir.
- Çalışanlara kimyasal ve tehlikeli maddelerin yönetimi ile ilgili eğitim verilecektir.
- Acil bir durumda gerçekleştirilecek eylemler ve acil durum ekipmanlarının görevi olan eylemler tanımlanacaktır.
- Döküntü kitleleri, ihtiyaç olduğunda derhal kullanılmak üzere sahada hazır tutulacaktır. Döküntüler/sızıntılar derhal kontrol altına alınacak ve etileri ve sonuçlarının azaltılması için temizlenecektir. Döküme ve kaza durumları için uygun temizleme ekipmanları temin edilerek sahada bulundurulacak ve bu ekipmanların kullanımı için temizlik ekipleri görevlendirilecektir.



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Toplum Sağlığı, Güvenliği ve Emniyeti

Olası Etkiler

- Yol güvenliği, proje faaliyetleri sırasında halk için en önemli topluluk-güvenliği risklerinden biridir
- Tehlikeli maddelere maruziyetten kaynaklanan kimyasal tehlikelere ek olarak, sıcak bileşenlerle temas, ekipman arızası vb. gibi fiziksel tehlike riskleri de halk sağlığı ve güvenliği üstünde olumsuz etkiler yaratabilir.
- İnşaat aşamasındaki kamyon hareketleri sebebiyle proje lokasyonlarına giden erişim yollarında trafik yoğunluğunun artması beklenmektedir.
- Görüşü ve hava kirliliği (özellikle H2S emisyonlarına maruziyet) faaliyet alanına yakın yerlerde yaşayan topluluklarda rahatsızlık ve hava aracı hastalıklarına (astım, alerji vb.) sebep olabilir.
- Ayrıca, sondaj faaliyetleri sırasında yeraltı suyu akiferi kirlenirse ve/veya jeotermal sıvıları yerüstü sularına bopalarak kirliliğe yol açarsa, içme sulan ve tarımsal faaliyetler için kullanılacak sula suyunun kalitesi olumsuz etkilenebilir.



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Toplum Sağlığı, Güvenliği ve Emniyeti

Olası Etkiler

- "Karayolu Trafik Kanunu" uyarınca, onaylı trafik sirkülasyon projelerine uygun olarak trafik akışı, güvenlik tedbirleri ve uyarı levhaları ile sağlanacaktır.
- Çalışma sahası güvenliğini sağlamak için iş ve sepsi uyarı levhaları ile güvenlik sağlanacaktır. "Sağlık ve Güvenlik İşaretleri Yönetmeliği" uyarınca Proje alanında görünürlüğü ve bilgilendirme levhaları yerleştirilecektir.
- Topluluk üzerindeki muhtemel olumsuz etkileri en aza indirmek için inşaat sahasına izinsiz girişi engelleyecek önlemler (çit, uyarı levhaları vb.)
- Sürücüler ve iş makineleri operatörleri güvenli sürüş hakkında bilgilendirilecek ve tüm çalışanlar Trafik Yönetim Planı hakkında eğitilecektir.
- Trafik akışı, ana ulaşım yollarında trafik sıkışıklığı olan sahalardan kaçınarak şekilde programlanacaktır. Kullanılacak yolların okul veya yerleşim yeri gibi hassas alanlara sahip olmayan yerlerden geçmesi sağlanacaktır.
- Hız sınırlarına uygunluk sağlanacaktır.
- Tağma faaliyetleri sırasında mevcut yollara zarar verilmeyecektir. Yollara herhangi bir zarar gelmesi durumunda bunlar onarılacaktır.
- Bölge sakinleri, yapılacak olağandışı çalışmalar hakkında en az bir hafta önceden bilgilendirilecektir.
- "Halk Sağlığı, Güvenliği ve Emniyeti Yönetim Planı" ve "Trafik Yönetim Planı" ve trafikle ilgili acil durumlar dahil olmak üzere "Acil Durum Müdahale Planı" uygulanacaktır.
- Sıkayet kaydı tutulması



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Kültürel Varlıklar

Olası Etkiler

- Proje kapsamında ilk adım olarak projenin arazi düzenleme faaliyetlerini kapsayan hafriyat işleri yapılacağından, inşaat aşamasının bu etabında bir kültür varlığı bulma olasılığı bulunmaktadır.

Alınacak Önlemler

- Kültürel veya tarihsel bir değere sahip olabilecek tarihi eserler ve materyallerin bulunması halinde tüm faaliyetler askıya alınacaktır ve Kültürel Varlıklar ve Müzeler Genel Müdürlüğü ile iletişim kurulacak ve resmi bir talimat beklenmektedir.
- Tüm buluntular için, ilgili makamlarla iletişime geçmesini ve "Kültür ve Tabiat Varlıklarını Koruma Kanunu"nun uygulanmasını belirten bir "Rastlantısal Buluntu Prosedürü" uygulanacaktır.
- Çalışanlar rastlantısal buluntu prosedürü konusunda eğitilecektir.



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Flora ve Fauna

Olası Etkiler

- Bölgede yaygın biçimde dağılan 11 endemik bitki türü saptanmıştır. Bu türler bölgesel türler arasında mevcuttur ancak yerel floraya dahil değildir. Endemik olmayan ancak Bern Sözleşmesi uyarınca koruma altında olan Cylindrum coum ssp. Coum türü proje alanının güneybatısına yaklaşık 120 km mesafede ve Bilecik ili sınırları içinde bulunmaktadır. Ayrıca Karadeniz bölgesinde amfibilerden Çevik kurbacı (Rana dalmatina) ve Kaya Kertenkelesi (Lacerta saxicola ssp. Tristis) Bern Sözleşmesi uyarınca koruma altındadır. Ancak bu türler proje alanında ve yerel faunada mevcut değildir.

Alınacak Önlemler

- Mevcut yollar kullanılmayacaktır.
- Gerekli alan kullanımı önlenmektedir.
- Faaliyet alanında fauna türleriyle karşılaşılması durumunda bunlar rahatsız edilmeyecektir ve işçiler/çalışanlar onları gördükçe bekleyecek veya onların güvenli biçimde taşınması ve uygun bir çevreye yeniden yerleştirilmesi için sahada çevre uzmanları desteğini isteyebileceklerdir.
- Faaliyet sırasında görsel kontroller yapılacak ve hayvanlar çevre uzmanları tarafından bu alanlarda uygun yöntemlerle benzer yaşam alanlarına taşınacaktır.
- Proje alanının yakın çevresinde yaşayan hiçbir fauna türüne müdahale edilmeyecektir.
- Çalışanlar uzman biyologlar tarafından doğal hayatın korunması konusunda eğitilecektir.
- Proje kapsamında yürütülen tüm faaliyetlerde, 4915 Sayılı Kara Avcılığı Kanunu, her yıl yapılan Merkezî Avcılık Komisyonu Kararları ve Bern Sözleşmesinin 6. ve 7. Maddeleri doğrultusunda yaban fauna türlerine asla kastlı olarak zarar verilmeyecektir.



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Paydaş Katılımı

- Projenin paydaşlarının belirlenmesi, paydaşlarla katılım yöntemlerinin tanımlanması ve Çilimli Belediyesi ile paydaşlar, etkilenen toplumlar ve ilgili gruplar arasında bir diyalog kurulması ve bu diyalogun korunmasını amaçlayan bir Paydaş Katılım Planı (PKP) hazırlanmıştır.
- Projenin inşaat, sondaj ve kapatma aşamalarında tüm paydaşların görüşlerini, endişelerini, şikayetlerini ve önerilerini almak üzere bir Şikayet Mekanizması kurulacaktır.



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Paydaş Katılımı

Paydaşlar, şikayetlerini ve görüşlerini aşağıda belirtilen kanallar aracılığıyla iletebileceklerdir:

- Paydaş Katılım Toplantıları sırasında
- Şikayet mekanizmasını kullanarak
- T.C. Çilimli Belediyesi
İnternet sitesi: <https://www.cilimli.bel.tr/>
E-posta: bilgi@cilimli.bel.tr
Telefon: +90 380 681 50 04
Resmi yazışma adresi: Ulucami Mah. Pazaryeri Sk. No: 01 Çilimli / DÜZCE
- İller Bankası A.Ş.
İnternet sitesi: <https://www.ilbank.gov.tr/form/bilgiedinmeuluslararası>
E-posta: bilgiedb@ilbank.gov.tr ve etikuyd@ilbank.gov.tr
Telefon: +90 312 508 79 79
Resmi yazışma adresi: İLBANK Uluslararası İlişkiler Dairesi, ŞÇM Ekibi Emniyet Mahallesi Hipodrom Caddesi No:3/22 Yenimahalle/ANKARA



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Paydaş Katılımı

Paydaşlar, şikayetlerini ve görüşlerini aşağıda belirtilen kanallar aracılığıyla iletebileceklerdir:

- Cumhurbaşkanlığı İletişim Merkezi (CİMER)
İnternet sitesi: www.cimer.gov.tr
Çağrı Merkezi: 150
Telefon numarası: +90 312 525 55 55
Faks numarası: +90 312 473 64 94
E-posta: cumhurbaşkanligi@tcbb.gov.tr
Resmi Yazışma Adresi: T.C. İletişim Başkanlığı Kızılkırmak Mah. Mevlana Bulvarı No:144 Çankaya/ANKARA
- Yabancılar İletişim Merkezi (YİMER)
İnternet sitesi: www.yimer.gov.tr
Çağrı Merkezi: 157
Telefon numarası: +90 312 5157 11 22
Faks numarası: +90 312 920 06 09
E-mail: yimer@tcbb.gov.tr
Resmi Yazışma Adresi: Türkiye Cumhuriyeti, Göç Yönetimi Genel Müdürlüğü, Çamlica Mahallesi 122. Sokak No: 4 Yenimahalle/ANKARA



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SÜRDÜRÜLEBİLİR ŞEHİRLER PROJESİ-II Ek Finansman

ÇİLİMLİ JEOTERMAL KUYU SONDAJİ PROJESİ

Katılımınız ve İlginiz için Teşekkür Ederiz.

Sorular ve Görüşler



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Photographs from the Public/Stakeholder Consultation Meeting





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Participant List


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Çilimli Jeotermal Kuyu Sondajı Projesi
Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi
HALKIN BİLGİLENDİRİLMESİ VE KATILIMI TOPLANTISI
04.01.2024

No	AD SOYAD	MESLEĞİ	KATILIMCI LİSTESİ TEMSİL ETTİĞİ KURUM / YERLEŞİM YERİ	TELEFON	İMZA
1		öğrenci	ulu camii Mahallesi		
2		öğrenci	yeşil mahalle		
3		memur	Çilimli Belediyesi		
4		memur	Çilimli Belediyesi		
5		memur	Çilimli Belediyesi		
6		Muhtar	Çilimli Belediyesi		
7		İSİS	Mağara Mahallesi		
8		memur	Çilimli Belediyesi		
9		Memur	Çilimli Belediyesi		
10		Şi Memur	"		
11		İSİS	"		
12		İSİS	"		
13		Mühendis	"		
14		Mühendis	Çilimli OSB		
15		Memur	Belediye		




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Çilimli Jeotermal Kuyu Sondajı Projesi
Çilimli Su, Yağmur Suyu ve Kanalizasyon Şebekesi İnşaatı Projesi
HALKIN BİLGİLENDİRİLMESİ VE KATILIMI TOPLANTISI
04.01.2024

No	AD SOYAD	MESLEĞİ	KATILIMCI LİSTESİ TEMSİL ETTİĞİ KURUM / YERLEŞİM YERİ	TELEFON	İMZA
1		Belediye Sektöründen	Belediye		
2		Mar. İŞİSİ	Belediye		
3		Aktele Hız. Mad.	Belediye		
4		Başkan Yardımcısı	Belediye		
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