



**LEPL MUNICIPAL DEVELOPMENT
FUND OF GEORGIA**

Construction of Transport Hub in Bakuriani, Borjomi Municipality

**Environmental and Social Screening Report and
Environmental and Social Management Plan**

World Bank financed Third Regional Development Project (RDP 3)

August 2023

Updated: September 2023

Sub-project Description

In the proposed sub-project (SP), the construction of a transport hub in Bakuriani is planned. The SP site is situated in Borjomi municipality, approximately 185 km away from Tbilisi.

The structure will be multifunctional, incorporating various amenities such as parking, car wash and maintenance areas, a security booth, and office spaces for employees of LEPL Bakuriani Development Agency.

Topographically, the land is sloped, which necessitates the placement of the Hub spaces on multiple levels. It is a rational decision to situate the office areas near the road and arrange both open and closed parking lots and services on the lower levels.

The complex consists of three main volumes and a fourth smaller security building. The site has only one vehicle entrance, as dictated by the Road Department of Georgia, and a 10-meter regulation line is also designated. Vehicle access is controlled and divided by security measures. Visitors have designated parking areas, while technical vehicles utilize a separate parking area on the lower level accessible by a large ramp. The ramp is designed with an appropriate slope (maximum 10%) and is used to accommodate queues for loading. Traffic at this point is regulated by a dispatcher.

The office building's footprint was significantly reduced and distributed across a total of four different floors. The space was intentionally zoned to prevent any crossing between visitors and employees. There are two entrances: the main entrance, primarily for visitors with limited access, and a secondary entrance for employees. The employees can directly access the staircase and elevator to distribute themselves on the various floors.

A sloped roof is prominent at the main entrance, reaching a height of two stories, creating a striking visual effect. The café is strategically positioned on the highest level (fourth floor) to offer the best view and serve as a great meeting point. The slopes are designed in a manner that prevents snow from falling onto pedestrian areas, ensuring safe usage during winter conditions.

On the lower level, there are dedicated technical areas for drivers and mechanics with direct access to the technical vehicle parking. This area is covered with a light metal structure filled with wooden beams and planks, providing both durability and a pleasant environment.

The structure of the office building will be made of reinforced concrete, while the roof structure will be a combination of iron and wood. The building will be insulated with rockwool and XPS (extruded polystyrene). The project will also include a vapour barrier and water isolation to ensure proper protection. The roof will be covered with factory-painted, iodized metal sheets.

Inside the building, sloped sections will be covered with gypsum boards, while other horizontal slabs will have sectioned ceilings. The facades, not in contact with soil, will be covered with aluminium-profiled glazing and adorned with decorative shaders made of rusted metal.

The SP includes improvement works and lighting for the complex and its nearby surroundings. The site will be divided into two zones: the first zone, located along the main road, in front of the office building, and next to the visitor parking area, will be adorned with abundant greenery, small architectural elements, and designed with trash bins and proper lighting. The second zone, situated between the complex and the river "Bakurianitskhali," will be left untouched to preserve nature to the maximum extent possible. Perhaps only a few trees of endemic origin will be added.

On the -2 floor (total area – 464 m²), there are designated areas for storage rooms, a clothes changing room, restroom facilities, a cleaner's room, a sleeping room for drivers, a transport service room, and a technical room, etc.

On the -1 floor (total area - 464 m²), the following facilities will be located: a security room to ensure the safety and surveillance of the premises, storage rooms, WCs, an administration service and public relations, finance and procurement department rooms, a greenery and infrastructure service, a property management service, water pump and water tank to ensure a stable water supply for the complex.

On the ground floor (total area – 807 m²), the areas will be intended for reception, doctor's office, restrooms, architecture and supervision services, chairman and secretary's office, meeting room, transformer room, and security.

On the first floor (total area – 353 m²), the areas will consist of a cafe, restrooms, a storage fridge room, a dishwashing room, a balcony, and an auxiliary room.

The parking area, covering 4395 square meters, will be designated for 20 visitor cars, 6 office staff cars, and 51 spaces for buses and other large vehicles.

Water is sourced to the building from a reservoir through a booster pump station, where the reservoir is refilled from the bored well (will be located in the project area). Based on calculations: the offices have a cold-water consumption of 2m³/h, the restaurant's cold-water consumption is 6.5m³/h, the car wash requires 4m³/h of water. The total volume of the reservoir is 50m³.

Hot water is provided to the building through two 1000-liter domestic hot water (DHW) storage tanks situated in the boiler room. Two gas boilers, each with a capacity of 200 kW and a temperature range of 80/60C, will be installed. These boilers will be equipped with dual-fuel burners, allowing them to use both gas and diesel as fuel sources. As a precautionary measure, diesel oil will serve as a backup fuel option, and an 800-liter tank will be provided to ensure a one-day supply of diesel. The boiler room is situated externally, separate from the main building. In order to minimize heat losses, thermal insulation with a thickness of 9 mm is applied. Additionally, the pipes outside the building will be laid in a 1.2m deep trench.

The sewage system will be connected to the individual wastewater treatment unit (capacity of 5 m³/h). The treated water will be discharged into the nearby ravine.

SP aims to develop a comprehensive fire safety system for a multi-functional building. Key features include an automatic sprinkler system, internal fire cabinets connected to a network, fire hydrants, fire truck connection, external fire hydrant, fire alarm, loudspeaker system with evacuation control, and anti-smoke ventilation.

The building's electricity supply is sourced from an external transformer substation located nearby. To ensure uninterrupted power availability, a backup diesel generator with a capacity of 175 kwt is also installed. In the event of a power outage, the generator will automatically activate, providing a reliable and continuous power source to the building, thereby ensuring smooth operations during emergencies.

The SP project aims to enhance the surrounding area by incorporating branches, trash bins, and landscaping. The tentative list of plants includes White Spruce (*Picea glauca*) - 1 item, Birch (*Betula*) - 3 items, Plane Tree (*Acer platanus*) - 3 items, Purple-leaf Plum (*Prunus pissardi*) - 3 items, Butterfly Bush (*Buddleja davidii*) - 11 items, Creeping Cedar (*Juniperus horizontalis*) - 20 items, Lavender (*Lavandula*) - 20 items, Rose Carpet - 13 items, Buxus Hedge - 80 items, Virginia Creeper (*Parthenocissus*) - 5 items, and Ivy (*Hedera*) - 2 items.

As part of the SP, the removal of topsoil (total amount – 2400 m³) is planned, and it will be repurposed for landscaping the surrounding area.

The transport hub complex will cover about 1.5 hectares and is registered as the State property (Cadastral Code (C/C): 64.25.05.674). The building and related facilities will be constructed using only 5203 m². In addition, special permission to undertake works on the land plot in the Forest Fund (total area 1528 m²) has been obtained. SP site is bordered by the State importance road to the north, while it is approached by land plots on the west and east sides. To the south, the site is adjacent to Bakurianistskali River, which flows along its boundary (average distance is 30 meters).

According to the Investment Financing Agreement between Municipal Development Fund of Georgia and Bakuriani Development Agency, the Agency will be responsible for maintenance of the constructed facilities.

Environmental and Social Screening and Classification

(A) IMPACT IDENTIFICATION

<p>Does the sub-project have tangible impact on the environment?</p>	<p>SP will have a modest short-term negative environmental impact and it is expected to have tangible long-term positive impact on the natural and social environment.</p> <p>Therefore, the impact is transitory and insignificant (noise, emissions, construction waste, temporary disturbance of traffic and access).</p>
<p>What are the significant beneficial and adverse environmental effects of sub-project?</p>	<p>The proposed transport hub for public buses and private cars, aims solving mobility problems and featuring offices for the LEPL Bakuriani Development Agency. Thus, SP is expected to have positive long-term environmental and social impact, particularly efficient public transportation options, it will encourage people to shift from private vehicles, ultimately reducing carbon emissions and air pollution. The hub's location is likely to minimize the overall travel distance and contribute to a reduction in greenhouse gas emissions.</p> <p>The improved transportation infrastructure will lead to better traffic management and reduced congestion. This will result in decreased idling time for vehicles, leading to lower emissions and improved air quality in the surrounding area. Reduced congestion will also contribute to a quieter and more pleasant urban environment.</p> <p>SP implementation includes landscaping the surrounding area and planting trees and bushes. These measures will prevent soil erosion, maintain cooler temperatures during summer, and increase the overall green spaces.</p> <p>The expected negative environmental and social impacts are likely to be short term: as a result of construction works, dust and emissions from the operation of construction machinery will be increased, background noise and vibration levels will rise, generation of different types of construction waste is expected, the flow of traffic may be temporarily obstructed.</p> <p>Heavy construction machinery traffic will cause disturbance to local population, tourists.</p>
<p>May the sub-project have any significant impact on the local communities and other affected people?</p>	<p>No land take, physical relocation or other types of involuntary resettlement are expected during the SP implementation.</p> <p>At the SP implementation stage, employment opportunities will be created for the local population. These opportunities will be short-</p>

	<p>term and temporary and partially enhance economic conditions of the locals at least for a short period of time.</p> <p>As for employment opportunities, following civil work completion, some temporary and/or permanent employment opportunities may generate for operation and maintenance of the constructed infrastructure.</p> <p>Moreover, the transport hub's implementation will greatly improve accessibility and connectivity within the region. By providing a centralized and efficient transportation system, it will enable easier and quicker travel for residents and visitors. This enhanced mobility will lead to increased social integration and better access to essential services, educational facilities, healthcare centers, and job opportunities. Its improved connectivity is expected to attract more tourists and visitors to the region. The increased tourist flows will create economic opportunities for local businesses, leading to the growth of hospitality, retail, and service industries. This economic boost can result in job creation and higher income levels for the local community. Accessibility features and inclusivity in design will cater to people of all ages and abilities. It will ensure that the transportation system is easily usable by everyone.</p> <p>The inclusion of offices for the LEPL Bakuriani Development Agency within the transport hub will have a positive impact on the agency's working conditions and effectiveness. Currently, the agency may not have dedicated offices, leading to potential challenges in coordination and collaboration. By providing well-designed and functional office spaces, the agency's employees will have an improved work environment, leading to increased productivity and effectiveness in carrying out their responsibilities.</p>
--	---

(B) MITIGATION MEASURES

<p>Were there any alternatives to the sub-project design considered?</p>	<p>Initially, the site location comprised only a single cadastral code. However, following a careful analysis of the site's topography and the proximity of Bakurianistskali river, the project area has been expanded, encompassing additional land from the western aspect.</p> <p>During the analysis, the land plot was selected with utmost consideration to avoid the need for tree cutting and to ensure that it falls under state-owned property. The decision to choose such a</p>
--	---

	<p>location was driven by the project's commitment to preserving the natural environment and adhering to sustainable practices. By securing a state-owned property that doesn't necessitate tree cutting, the project aims to maintain ecological balance and protect the existing greenery in the area. This approach reflects the project's dedication to environmental conservation and responsible land usage.</p>
<p>What types of mitigation measures are proposed?</p>	<p>Potential impacts are few in number, site-specific, largely reversible, limited to the SP site, and readily addressed through mitigation measures.</p> <p>The potential impacts that are associated mainly with construction can be mitigated to standard levels without difficulty through incorporation or application of recommended mitigation measures and procedures in the ESMP: demarcation of the construction site, traffic management, good maintenance of the construction machinery, observance of the established working hours, and organized disposal of waste to the formally agreed sites.</p> <p>The contractor will be responsible for the waste separation and disposal of various types of waste at the permitted locations or handing over to the authorized companies for further handling; obtaining of the national construction materials from the licensed quarries¹ only, prevent water and soil from pollution (fuel spills due to equipment failure, row asphalt / concrete spills etc.), avoid disturbance of population (noise, dust, emissions) through proper work / supplies scheduling, traffic management, good maintenance of the construction machinery, etc.</p> <p>Additionally, construction site will be properly secured, and construction related traffic regulated, that includes: installation of the signposting, warning signs, barriers and traffic diversions, construction site and all trenches will be fenced and properly secured to prevent unauthorized access, appropriate lighting will be provided, adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement, ensuring safe access to homes, businesses, public service and other properties.</p>

	<p>In case a chance find is encountered during earth works, the contractor will immediately stop any physical activity on site and inform the MDF. The MDF will promptly notify the National Agency of Cultural Heritage Preservation of Georgia, which takes over responsibility for the following course of action. Works will resume only upon receipt of written permission from the Agency. Work may be resumed only upon the written permission from the Ministry of Culture and Sport.</p> <p>All staff will be strictly prohibited from cutting / damaging plants in the project area and its adjacent territory. Large trees on and in the vicinity of the construction activities shall be marked and cordoned off with fencing, their root system protected, and any damage to the trees avoided. Trenches will not be kept open in the night/after working hours. This will allow avoiding risk of people or animals falling into trenches. Contractor’s staff will be prohibited from hunting and will be given instructions on minimizing disturbance of fauna. To avoid water pollution, dumping of any waste/material in the riverbed will be prohibited and good international practice of working in the waterways will be followed.</p>
<p>What lessons from the previous similar projects have been incorporated into the sub-project design?</p>	<p>MDF has successfully completed the implementation of medium and large-scale construction works funded by various donor organizations, which has provided valuable experience. The evaluation of specific needs and requirements for the transportation hub, considering current and future demands for public transportation and private vehicle usage, has been completed, facilitating the efficient design and construction of the hub to cater to anticipated traffic flow. Stakeholders, including local authorities, communities, and transportation experts, were actively involved from the early stages of planning, and their valuable feedback was considered to address potential concerns and ensure alignment with the needs and priorities of the Agency staff.</p> <p>The prioritization of accessibility in the hub's design has been achieved, ensuring a user-friendly infrastructure for all individuals. Additionally, environmental sustainable design principles have been taken into consideration throughout the project, focusing on energy efficiency and the use of eco-friendly materials to minimize the hub's environmental impact and promote long-term sustainability.</p>

<p>Have concerned communities been involved and have their interests and knowledge been adequately taken into consideration in sub-project preparation?</p>	<p>In order to discuss environmental and social documentation (Social and Environmental Management Plan) prepared for the SP, a public consultation meeting was on the 18th of August in the building of Bakuriani Cinema.</p> <p>The primary objective of this meeting was to ensure that stakeholders are informed about the planned activities associated with the sub-project, the potential negative impacts on the natural and social environment, and the strategies devised to mitigate them. The consultation provided a platform for stakeholders to be updated, express their concerns, and contribute to the development of appropriate measures to prevent adverse effects.</p>
---	--

(C) CATEGORIZATION AND CONCLUSION

Conclusion of the environmental and social screening:

1. Subproject is declined
2. Subproject is accepted

Subproject preparation requires:

1. Completion of the Environmental and Social Management Checklist For Small Construction and Rehabilitation Activities
2. Environmental and Social Review, including development of Environmental and Social Management Plan

Social Screening and Cultural Resource Screening of SP

Social safeguards screening information		Yes	No
1	Is the information related to the affiliation, ownership and land use status of the sub-project site available and verifiable? (The screening cannot be completed until this is available)	X	
2	Will the sub-project reduce people's access to their economic resources, such as land, pasture, water, public services, sites of common public use or other resources that they depend on?		X
3	Will the sub-project result in resettlement of individuals or families or require the acquisition of land (public or private, temporarily or permanently) for its development?		X
4	Will the project result in the temporary or permanent loss of crops, fruit trees and household infra-structure (such as ancillary facilities, fence, canal, granaries, outside toilets and kitchens, etc.)?		X
If answer to any above question (except question 1) is "Yes", then OP/BP 4.12 Involuntary Resettlement is applicable and mitigation measures should follow this OP/BP 4.12 and the resettlement Policy Framework			
Cultural resources safeguard screening information		Yes	No
5	Will the project require excavation near any historical, archaeological or cultural heritage site?		X
If answer to question 5 is "Yes", then OP/BP 4.11 Physical Cultural Resources is applicable and possible chance finds must be handled in accordance with OP/BP and relevant procedures provided in the Environmental and Social Management Framework.			

Environmental and Social Management Plan

PART A: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE	
Country	Georgia
Project title	Third Regional Development (RDP III)
Sub-Project title	Construction of transportation Hub in Bakuriani, Borjomi Municipality
Scope of site-specific activity	<p>In the proposed sub-project (SP), the construction of a transport hub in Bakuriani is planned. The SP site is situated in Borjomi municipality, approximately 185 km away from Tbilisi.</p> <p>The structure will be multifunctional, incorporating various amenities such as parking, car wash and maintenance areas, a security booth, and office spaces for employees of LEPL Bakuriani Development Agency.</p> <p>Topographically, the land is sloped, which necessitates the placement of the Hub spaces on multiple levels. It is a rational decision to situate the office areas near the road and arrange both open and closed parking lots and services on the lower levels.</p> <p>The complex consists of three main volumes and a fourth smaller security building. The site has only one vehicle entrance, as dictated by the Road Department of Georgia, and a 10-meter regulation line is also designated. Vehicle access is controlled and divided by security measures. Visitors have designated parking areas, while technical vehicles utilize a separate parking area on the lower level accessible by a large ramp. The ramp is designed with an appropriate slope (maximum 10%) and is used to accommodate queues for loading. Traffic at this point is regulated by a dispatcher.</p> <p>The office building's footprint was significantly reduced and distributed across a total of four different floors. The space was intentionally zoned to prevent any crossing between visitors and employees. There are two entrances: the main entrance, primarily for visitors with limited access, and a secondary entrance for employees. The employees can directly access the staircase and elevator to distribute themselves on the various floors.</p> <p>A sloped roof is prominent at the main entrance, reaching a height of two stories, creating a striking visual effect. The café is strategically positioned on the highest level (fourth floor) to offer the best view and serve as a great meeting point. The slopes are designed in a manner that prevents</p>

snow from falling onto pedestrian areas, ensuring safe usage during winter conditions.

On the lower level, there are dedicated technical areas for drivers and mechanics with direct access to the technical vehicle parking. This area is covered with a light metal structure filled with wooden beams and planks, providing both durability and a pleasant environment.

The structure of the office building will be made of reinforced concrete, while the roof structure will be a combination of iron and wood. The building will be insulated with rockwool and XPS (extruded polystyrene). The project will also include a vapour barrier and water isolation to ensure proper protection. The roof will be covered with factory-painted, iodized metal sheets.

Inside the building, sloped sections will be covered with gypsum boards, while other horizontal slabs will have sectioned ceilings. The facades, not in contact with soil, will be covered with aluminium-profiled glazing and adorned with decorative shaders made of rusted metal.

The SP includes improvement works and lighting for the complex and its nearby surroundings. The site will be divided into two zones: the first zone, located along the main road, in front of the office building, and next to the visitor parking area, will be adorned with abundant greenery, small architectural elements, and designed with trash bins and proper lighting. The second zone, situated between the complex and the river "Bakurianitskhali," will be left untouched to preserve nature to the maximum extent possible. Perhaps only a few trees of endemic origin will be added.

On the -2 floor (total area – 464 m²), there are designated areas for storage rooms, a clothes changing room, restroom facilities, a cleaner's room, a sleeping room for drivers, a transport service room, and a technical room, etc.

On the -1 floor (total area - 464 m²), the following facilities will be located: a security room to ensure the safety and surveillance of the premises, storage rooms, WCs, an administration service and public relations, finance and procurement department rooms, a greenery and infrastructure service, a property management service, water pump and water tank to ensure a stable water supply for the complex.

On the ground floor (total area – 807 m²), the areas will be intended for reception, doctor's office, restrooms, architecture and supervision

services, chairman and secretary's office, meeting room, transformer room, and security.

On the first floor (total area – 353 m²), the areas will consist of a cafe, restrooms, a storage fridge room, a dishwashing room, a balcony, and an auxiliary room.

The parking area, covering 4395 square meters, will be designated for 20 visitor cars, 6 office staff cars, and 51 spaces for buses and other large vehicles.

Water is sourced to the building from a reservoir through a booster pump station, where the reservoir is refilled from the bored well (will be located in the project area). Based on calculations: the offices have a cold-water consumption of 2m³/h, the restaurant's cold-water consumption is 6.5m³/h, the car wash requires 4m³/h of water. The total volume of the reservoir is 50m³.

Hot water is provided to the building through two 1000-liter domestic hot water (DHW) storage tanks situated in the boiler room. Two gas boilers, each with a capacity of 200 kW and a temperature range of 80/60C, will be installed. These boilers will be equipped with dual-fuel burners, allowing them to use both gas and diesel as fuel sources. As a precautionary measure, diesel oil will serve as a backup fuel option, and an 800-liter tank will be provided to ensure a one-day supply of diesel. The boiler room is situated externally, separate from the main building. In order to minimize heat losses, thermal insulation with a thickness of 9 mm is applied. Additionally, the pipes outside the building will be laid in a 1.2m deep trench.

The sewage system will be connected to the individual wastewater treatment unit (capacity of 5 m³/h). The treated water will be discharged into the nearby ravine.

SP aims to develop a comprehensive fire safety system for a multi-functional building. Key features include an automatic sprinkler system, internal fire cabinets connected to a network, fire hydrants, fire truck connection, external fire hydrant, fire alarm, loudspeaker system with evacuation control, and anti-smoke ventilation.

The building's electricity supply is sourced from an external transformer substation located nearby. To ensure uninterrupted power availability, a backup diesel generator with a capacity of 175 kwt is also installed. In the event of a power outage, the generator will automatically activate,

	<p>providing a reliable and continuous power source to the building, thereby ensuring smooth operations during emergencies.</p> <p>The SP project aims to enhance the surrounding area by incorporating branches, trash bins, and landscaping. The tentative list of plants includes White Spruce (<i>Picea glauca</i>) - 1 item, Birch (<i>Betula</i>) - 3 items, Plane Tree (<i>Acer platanus</i>) - 3 items, Purple-leaf Plum (<i>Prunus pissardi</i>) - 3 items, Butterfly Bush (<i>Buddleja davidii</i>) - 11 items, Creeping Cedar (<i>Juniperus horizontalis</i>) - 20 items, Lavender (<i>Lavandula</i>) - 20 items, Rose Carpet - 13 items, Buxus Hedge - 80 items, Virginia Creeper (<i>Parthenocissus</i>) - 5 items, and Ivy (<i>Hedera</i>) - 2 items.</p> <p>As part of the SP, the removal of topsoil (total amount – 2400 m³) is planned, and it will be repurposed for landscaping the surrounding area.</p> <p>The transport hub complex will cover about 1.5 hectares and is registered as the State property (Cadastral Code (C/C): 64.25.05.674). The building and related facilities will be constructed using only 5203 m². In addition, special permission to undertake works on the land plot in the Forest Fund (total area 1528 m²) has been obtained. SP site is bordered by the State importance road to the north, while it is approached by land plots on the west and east sides. To the south, the site is adjacent to Bakurianistskali River, which flows along its boundary (average distance is 30 meters).</p> <p>According to the Investment Financing Agreement between Municipal Development Fund of Georgia and Bakuriani Development Agency, the Agency will be responsible for maintenance of the constructed facilities.</p>		
Institutional arrangements (WB)	Task Team Leader: Tafadzwa Irvine Dube		Safeguards Specialists: Darejan Kapanadze - Environment Davit Jijelava- Social
Implementation arrangements (Borrower)	Implementing entity: Municipal Development Fund of Georgia	Works supervisor: company Eptisa Servicios de Ingenieria S.L. Spain	Works contractor: Renovati LTD
SITE DESCRIPTION			
Name of institution whose premises are to be rehabilitated	Borjomi Municipality		
Address and site location of institution whose premises are to be rehabilitated	Borjomi, Meskheti st. # 5 Phone: (0367) 222416224499		
Who owns the land? Who uses the land (formal/informal)?	The transport hub complex will cover about 1.5 hectares and is registered as the State property (Cadastral Code (C/C): 64.25.05.674). The building and related facilities will be constructed using only 5203 m ² . In addition,		

	<p>special permission to undertake path arrangement works on the land plot in the Forest Fund (total area 1528 m²) has been obtained.</p>
<p>Description of physical and natural environment around the site</p>	<p>Located at 1,700m in the Borjomi Municipality, Bakuriani is one of the most popular destinations in Georgia, a ski resort in winter and recreation area in summer, only three-hour drive from Tbilisi.</p> <p>The climate is transitional from humid maritime to relatively humid continental. The climate of Bakuriani is transitional from humid maritime to relatively humid continental. Average annual temperature of the town is 4.30C. The average temperature in January is -7.30C while the average August temperature is 150C. The annual precipitation is 734 mm (28.9 in). The depth of snow from December to March is 64 cm (25.2 in).</p> <p>The investments in ski infrastructure, the availability of land resources, and the potential for constructing residential buildings and hotels have facilitated a dynamic development in the region in recent years. However, this growth has also given rise to various infrastructural challenges, including structural complications due to the increased traffic flow in general, and congestion on specific road sections.</p> <p>Given the complexity of transportation problems and the demand for parking spaces, a well-thought-out transport hub is planned to be constructed at the entrance of the town. The primary purpose of this hub is to alleviate traffic congestion, enhance transportation efficiency, and provide better parking facilities. By centralizing public and private transportation services, the hub aims to streamline travel within the town and the surrounding areas.</p> <p>Additionally, the transport hub is intended to serve as a transportation and mobility solution that supports the town's sustainable development goals. It seeks to promote eco-friendly transportation options, encourage the use of public transportation, and reduce reliance on individual vehicles. The implementation of the hub aligns with the town's vision of becoming more pedestrian-friendly, promoting a greener environment, and enhancing the overall quality of life for residents and visitors alike.</p> <p>The allocated land plot for the project is vacant, free of any existing buildings. The topography of the land is sloped, requiring the placement of the Hub spaces on multiple levels. The SP site is bordered by a State importance road to the north, while it is approached by land plots on the west and east sides. To the south, the site is adjacent to Bakurianistskali River, which flows along its boundary.</p>

Locations and distance for material sourcing, especially aggregates, water, stones?	The nearest landfill is located in Khashuri 50 km distance from the SP area.
LEGISLATION	
National & local legislation & permits that apply to project activity	<p>This Environmental and Social Management Plan (ESMP) was prepared to ensure that negative environmental impacts associated with this SP are minimized.</p> <p>The contractor is required:</p> <ul style="list-style-type: none"> • Obtain construction materials only from licensed providers; • If contractor wishes to open quarries or extract material from riverbed (rather than purchasing these materials from other providers), then the contractor must obtain license for the extraction of material from the National Agency of Mineral Resources; • If contractor wishes to operate own asphalt plant (rather than purchasing these materials from other providers), then the contractor must obtain an environmental permit with an established ceiling of pollutant concentrations in emissions; • If contractor wishes to operate own concrete plant (rather than purchasing these materials from other providers), then the contractor must prepare technical report on inventory of atmospheric air pollution stationary source and agree with the Ministry of Environmental Protection and Agriculture (MEPA); • Construction waste must be disposed at the nearest municipal landfill in accordance with a written agreement between the construction company and the local municipality. The records of waste disposal will be maintained as proof for proper management as designed. • If over 200 tons of non-hazardous waste or over 1000 tons of inert materials or 120 kg of hazardous waste is generated annually (calculation apply to a calendar year) as a result of contractor's general activities, they shall prepare and cause MEPA to approve the Waste Inventory and Waste Management Plan for the Company, appoint an environmental manager, and submit an information on his/her identity to the Municipal development fund of Georgia in accordance with requirements of the Waste Code of Georgia. • If tree cutting or replanting will become necessary during the SP implementation, the contractor shall submit inventory of trees to MEPA (for Red Listed tree species) and Borjomi City Hall (for trees not included in Red List) for obtainment tree cutting permission. The permission document will include the compensation measures based on the presented inventory. Compensation fees will be paid, and compensation activities will be implemented by the contractor within the lifetime of the SP. The trees shall be cut under supervision of a designated specialist. • In case of chance find during earth works, contractor will take works on hold immediately, promptly notify construction supervisor and MDF and do not resume works until formal notice from the

	<p>supervisor/MDF. It is responsibility of MDF to formally disallow physical activity at work site upon the notice on a chance find and to promptly contact the National Agency of Cultural Heritage Preservation of Georgia. MDF will give a notice to the contractor allowing resumption of works in agreement with the Agency.</p> <ul style="list-style-type: none"> • Copies of licenses for the extraction of natural construction materials (if applicable), agreed technical report on inventory of atmospheric air pollution for operating concrete plants (if applicable), and waste disposal agreements must be submitted to the MDF prior to the commencement of works. <p>GOST and SNIP norms must be adhered.</p> <p>The contractor is instructed to diligently acquire all relevant permits as required.</p>
--	--

GRIEVANCE REDRESS MECHANISM

Appropriate grievance redress mechanism was established to solve grievances of Project-Affected People, as required. Borjomi Municipality has assigned a responsible person Giorgi Kobrava, representative of Borjomi Municipality, to receive, review and react to the APs grievances (Tel: 599 004 255).

The contact person from the MDF is Nutsa Gumberidze (Tel: +995 598 88 20 19, feedback@mdf.org.ge, 150 Davit Aghmashenebeli ave., 4th floor, 0112 Tbilisi, Georgia)

If the grievance will not be unsolved at the local level, it will be lodged to the MDF. As for grievance monitoring MDF registers all received compliances, comments and how the compliance was addressed. During public consultations, the local population were informed about the grievance redress process and receive information about contact persons.

PUBLIC CONSULTATION

<p>When / where the public consultation process will take /took place</p>	<p>In order to discuss environmental and social documentation (Social and Environmental Management Plan) prepared for the SP, a public consultation meeting was on the 18th of August in the building of Bakuriani Cinema.</p> <p>The primary objective of this meeting was to ensure that stakeholders are informed about the planned activities associated with the sub-project, the potential negative impacts on the natural and social environment, and the strategies devised to mitigate them. The consultation provided a platform for stakeholders to be updated, express their concerns, and contribute to the development of appropriate measures to prevent adverse effects.</p>
---	---

ATTACHMENTS

- Attachment 1:** Cadastral Information
- Attachment 2.** Sub-Project Situation Map
- Attachment 3.** Sub-Project Renders
- Attachment 4.** Sub-project Layout Plan and location of Waste-water Treatment Unit
- Attachment 5.** Minutes of Meeting

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
	Activity/Issue	Status	Triggered Actions
Will the site activity include/involve any of the following?	1. Rehabilitation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section A below
	2. New construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section A below
	3. Individual wastewater treatment unit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section B below
	4. Historic building(s) and districts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section C below
	5. Acquisition of land ²	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section D below
	6. Impacts on land and property use	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section E below
	7. Hazardous or toxic materials ³	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section F below
	8. Impacts on forests and/or protected areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section G below
	9. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section H below
	10. Traffic and pedestrian Safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section I below
	11. Community and labor health and safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section J below

² Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

³ Toxic / hazardous material includes but is not limited to asbestos, lead-containing and other toxic paints, noxious solvents, etc.

PART C: MITIGATION MEASURES

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
0. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) Obtain all legally required permits for construction, extraction or natural construction materials, disposal of waste and others as relevant (b) Ensure supply of personal protective equipment to stall and personnel following international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots) and control its use (c) Signpost work sites to inform workers of key rules and regulations to follow (d) Put up information on the company undertaking works at each work site and provide contact information (e) Workers’ PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots)
A. General Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) Keep demolition debris in a controlled area and spray with water to reduce debris dust (b) Suppress during pneumatic drilling/wall destruction by ongoing water spraying and/or installing dust screen enclosures at site. (c) Keep the surrounding environment (sidewalks, roads) free of debris to minimize dust. (d) There will be no open burning of construction / waste material at the site. (e) There will be no excessive idling of construction vehicles at sites (f) Truck loads should be confinement and protected with lining.
	Noise	<ul style="list-style-type: none"> (a) Limit construction noise to daytime working hours. (b) During operations the engine covers of generators, close air compressors and other powered mechanical equipment, and place equipment as far away from residential areas as possible (c) The maximum allowed speed should be restricted;
	Water Quality	<ul style="list-style-type: none"> (a) Establish appropriate erosion and sediment control measures such as hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in nearby streams and rivers. (b) Wash construction vehicles and machinery only in designated areas where runoff will not pollute natural surface water bodies. (c) Lubricants, fuel and solvents should be stored and used for servicing machinery exclusively in the designated sites, with adequate lining of the ground and confinement of possible operation and emergency spills. Spill containment materials (sorbents, sand, sawing, chips etc.) should be available on construction site.

	Waste management	<ul style="list-style-type: none"> (a) Minimize amount of generated waste to the extent possible. (b) Separate various types of generated waste and re-use / recycle relevant types of waste to the possible extent. (c) Allocate sites for temporary on-site storage of various types of waste. Do not allow accumulation of excessive amounts of waste on-site. (d) Obtain formal arrangements with municipal authorities for the disposal of household waste and final placement of excess material (inert construction waste). (e) Make timely arrangements for the disposal or hand-over of hazardous waste to licensed companies.
	Topsoil Management	<ul style="list-style-type: none"> (a) Remove topsoil of about 0.3 m depth and store separately during excavation work. (b) In order to avoid the topsoil erosion, keep the height of its piles below 2 m and the inclination of the slope - below 45°; (c) Arrange water diversion channels along the perimeter of the topsoil fill and protect piles against the scattering by the wind blow; (d) In case of storing the topsoil for long, periodically loosen it or saw grass; (e) Excess topsoil will hand over to the appropriate authorities (local Municipality and/or National Agency of State Property). (f) Use non-faulty construction techniques and vehicles; (g) In case of spills of oil/lubricants, localize/clean the spilled product in the shortest possible time; (h) Equip with drip pans the appliances creating the risk of ground water pollution when in operation; (i) Wash the vehicles preferably at private car-washing areas; (j) Using temporary water diversion channels; (k) Fill the holes in a timely manner; (l) The contractor is responsible for handling top soil in accordance with requirements of legislation of Georgia and reinstatement plan (if any).
	Material supply	<ul style="list-style-type: none"> (a) Use existing plants, quarries or borrow pits that have appropriate official approval or valid operating license. (b) Obtain licenses for any new quarries and/or borrowing areas if their operation is required; (c) Reinstate used sections of quarries and/or borrowing areas as extraction proceeds on or properly close quarries if extraction completed and license expired; (d) Haul materials in off peak traffic hours; (e) Place speed regulating, diverting, and warning signs for traffic as appropriate.

<p>B. Individual wastewater treatment system</p>	<p>Water Quality</p>	<ul style="list-style-type: none"> (a) Ensure that the approach of handling sanitary wastes and wastewater and the design of the treatment system is approved by relevant authorities; (b) Ensure that before discharging into receiving waters, effluents from individual wastewater systems are treated in order to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment (c) Undertake monitoring of newly established wastewater treatment systems and report to Employer on the monitoring outcome
<p>G. Forest and and/or protected areas</p>	<p>Affected forests, wetlands and/or protected areas</p>	<ul style="list-style-type: none"> (a) Do not damage or exploit any recognized natural habitats, wetlands and protected areas in the immediate vicinity of the activity; strictly prohibited hunting, foraging, logging or other damaging activities by staff and personnel. (b) Carry out an inventory of large trees in the vicinity of the construction activity; mark large trees and cordon them off with fencing, their root system protected, and any damage to the trees avoided (c) Protect adjacent wetlands and streams from construction site run-off with appropriate erosion and sediment control feature to include by not limited to hay bales and silt fences; (d) Prohibit disturbing and taking wildlife in construction area; (e) Where possible, preserve rootstock and prevent soil erosion; (f) Minimize cutting in sensitive areas; (g) Ensure that appropriate fire hazard control materials are on-site; (h) When using a portable generator, keep the exhaust area clear of leaves and twigs;
<p>I. Traffic and Pedestrian Safety</p>	<p>Direct or indirect hazards to public traffic and pedestrians by construction activities</p>	<p>In compliance with national regulations, ensure that the construction site is properly secured, and construction-related traffic is regulated. This includes but is not limited to:</p> <ul style="list-style-type: none"> a) Signposting, warning signs, barriers and traffic diversions: site will be clearly visible, and the public warned of all potential hazards. b) Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. c) Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement. d) Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public. e) Safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public.

<p>J. Community and labor health and safety</p>	<p>Public relationship management</p>	<ul style="list-style-type: none"> (a) Assign local liaison person within Contractor’s team to be in charge of communication with and receiving requests/ complaints from local population. (b) Consult local communities to identify and proactively manage potential conflicts between an external workforce and local people. (c) Raise local community awareness about sexually transmitted disease risks associated with the presence of an external workforce and include local communities in awareness activities. (d) Inform the population about construction and work schedules, interruption of services, traffic detour routes and provisional bus routes, blasting and demolition, as appropriate. (e) Limit construction activities at night. When necessary ensure that night work is carefully scheduled, and the community is properly informed, so they can take necessary measures. (f) At least five days in advance of any service interruption (including water, electricity, telephone, bus routes), advice community through postings at the work site, at bus stops, and in affected homes/businesses. (g) Address concerns raised through Grievance Redress Mechanism established by the Employer within the designated timeline within the scope of Contractor’s liability. (h) To the extent possible, do not locate work camps in close proximity to local communities. (i) Undertake siting and operation of worker camps in consultation with neighboring communities.
	<p>Earthworks</p>	<ul style="list-style-type: none"> (a) Topsoil should be stripped before starting of earthworks. (b) Proper topsoil storage practice should be applied to ensure to maintain physical-chemical and biological activity of the soil; Temporary protective silt fencing should be erected to avoid erosion (wash down); (c) Stored topsoil should be used for reinstatement and landscaping. (d) Topsoil from the sites, which will not be reinstated to the initial conditions will be distributed carefully on the surrounding area. (e) Topsoil will be reinstated separately from subsoil, with care taken to avoid mixing of the materials. The topsoil reinstatement will be sufficient to restore the fertile depth to the initial conditions as judged by the topsoil strip during visual observation and comparison of the reinstated site and adjacent land. When replacing the topsoil Contractor will program the works such that the areas furthest away from the stockpiles are reinstated first with reinstatement getting progressively closer to the stockpiles, thus reducing the number of vehicle movements over the reinstated topsoil. The reinstated topsoil will then be harrowed, where practical, to protect the stability and promote vegetative growth. (f) In case chance find is encountered in the course of earth works, the contractor must immediately stop any physical activity on site and informs the MDF. The MDF promptly notifies the Ministry of Culture and Monument Protection, which takes over responsibility for the following course of action. Works may resume only upon receipt of written permission from the Ministry of Culture and Monument Protection.

	Labor management	<ul style="list-style-type: none"> (a) Recruit unskilled or semi-skilled workers from local communities to the extent possible. Where and when feasible, worker skills training, should be provided to enhance participation of local people. (b) Provide adequate lavatory facilities (toilets and washing areas) in the work site with adequate supplies of hot and cold running water, soap, and hand drying devices. A temporary septic tank system should be established for any residential labor camp and without causing pollution of nearby watercourses. (c) Raise awareness of workers on overall relationship management with local population, establish the code of conduct in line with international practice and strictly enforce them, including the dismissal of workers and financial penalties of adequate scale. (d) Immediately inform technical supervisor of works and the employer (MDF) on any occupational health and safety accidents/incidents at worksite, access roads, etc. involving contractor's personnel, which have caused damage to human or/and environmental health.
	Public relationship management	<ul style="list-style-type: none"> (a) Assign a local liaison person within the Contractor's team to communicate with and receive requests/complaints from the local population. (b) Consult local communities to identify and proactively manage potential conflicts between an external workforce and local people. (c) Raise local community awareness about sexually transmitted disease risks associated with an external workforce and include local communities in awareness activities. (d) Inform the population about construction and work schedules, interruption of services, traffic detour routes and provisional bus routes, blasting, and demolition, as appropriate. (e) Limit construction activities at night. When necessary, ensure that night work is carefully scheduled, and the community is adequately informed about taking essential measures. (f) At least five days in advance of any service interruption (including water, electricity, telephone, bus routes), advise the community through postings at the worksite, at bus stops, and in affected homes/businesses. (g) Address concerns raised through Grievance Redress Mechanism established by the Employer within the designated timeline within the scope of Contractor's liability. (h) To the extent possible, do not locate work camps close to local communities. (c) Undertake siting and operation of worker camps in consultation with neighboring communities.

PART D: MONITORING PLAN

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
CONSTRUCTION PHASE						
Supply with construction materials	Purchase of construction materials from the officially registered suppliers	In the supplier's office or warehouse	Verification of documents	During conclusion of the supply contracts	To ensure technical reliability and safety of infrastructure	MDF, Construction supervisor
Transportation of construction materials and waste Movement of construction machinery	Vehicles and machinery are kept in standard technical condition; Truck loads are confined and protected with lining; Established hours and routes of transportation are respected	Construction site	Inspection	Unannounced inspections during work hours and beyond	Limit pollution of soil and air from emissions; Limit nuisance to local communities from noise and vibration; Minimize traffic disruption.	MDF, Construction supervisor, Traffic Police
Sourcing of inert material	Purchase of material from the existing suppliers if feasible; Obtaining of extraction license by the works contract and strict compliance with the license conditions;	Borrowing areas	Inspection of documents Inspection of works	In the course of material extraction	Limiting erosion of slopes and degradation of ecosystems and landscapes; Limiting erosion of river banks, water pollution with suspended particles and	MDF, Construction supervisor

	<p>Terracing of the borrow area, backfilling to the exploited areas of the borrow site, and landscape harmonization;</p> <p>Excavation of river gravel and sand from outside of the water stream, arrangement of protective barriers of gravel between excavation area and the water stream, and no entry of machinery into the water stream.</p>				disruption of aquatic life.	
Earthworks	<p>Temporary storage of excavated material in the pre-defined and agreed upon locations;</p> <p>Backfilling of the excavated material and/or its disposal to the formally designated locations;</p> <p>In case of chance finds immediate suspension of works, notification of the Ministry of Culture, Sport and Youth of Georgia and resumption of works</p>	Construction site	Inspection	In the course of earth works;	<p>Prevent pollution of the construction site and its surroundings with construction waste;</p> <p>Prevent damage and loss of physical cultural resources;</p> <p>Prevent topsoil losses.</p>	MDF, Construction supervisor

	<p>exclusively upon formal consent of the Ministry.</p> <p>Topsoil is striped before starting of the earthworks;</p> <p>Proper topsoil storage practice is applied;</p> <p>Temporary protective silt fencing is erected;</p> <p>Striped topsoil is used for reinstatement and landscaping.</p>					
Generation of construction waste	<p>Temporary storage of construction waste in especially allocated areas;</p> <p>Timely disposal of waste to the formally designated locations</p>	<p>Construction site;</p> <p>Waste disposal site</p>	<p>Inspection</p>	<p>Periodically during construction and upon complaints</p>	<p>Prevent pollution of the construction site and nearby area with solid waste</p>	<p>MDF,</p> <p>Construction supervisor</p>
Traffic disruption and limitation of pedestrian access	<p>Installation of traffic limitation/diversion signage;</p> <p>Storage of construction materials and temporary placement of construction waste in a way preventing congestion of access roads</p>	<p>At and around the construction site</p>	<p>Inspection</p>	<p>In the course of construction works</p>	<p>Prevent traffic accidents;</p> <p>Limit nuisance to local residents</p>	<p>MDF,</p> <p>Construction supervisor</p>

Workers' health and safety	<p>Provision of uniforms and safety gear to workers;</p> <p>Informing of workers and personnel on the personal safety rules and instructions for operating machinery/equipment, and strict compliance with these rules/instructions</p>	Construction site	Inspection	Unannounced inspections in the course of work	Limit occurrence of on-the-job accidents and emergencies	MDF, Construction supervisor
Information sharing and grievance redress	<p>Local population (especially owners of land adjacent to construction site) are informed about the start of construction works.</p> <p>Grievance redress contact information is announced;</p> <p>Grievance log is maintained</p>	<p>Construction site and/or nearby settlement and buildings</p> <p>Construction site</p> <p>Nearby settlement and buildings</p>	<p>In person, by mail, phone or other means (with records)</p> <p>Evidence of GRM information available on accessible place</p> <p>Evidence of grievance log and timely response/resolution of feedback and complaints</p>	<p>Prior to beginning of construction works (min 2 weeks)</p> <p>Throughout the duration of the sub-project</p>	<p>Minimize nuisance to local population, give opportunity for questions and feedback</p> <p>Ensure that questions and grievances are addressed in a timely manner</p>	<p>MDF</p> <p>Local authorities</p>

Restoration and compensation for accidental damage	Owners, who experience loss or damage of crops, structures or other assets as a result of construction, are duly compensated or the damage is restored	Construction site	MDF ascertains presence of damages and evidence of compensation /restoration via Supervisor reports and site visits	Throughout the duration of the SP	Assets and livelihoods of population in the project area are improved, or at minimum restored to pre-project level	MDF and Supervision Consultant
Works within settlement	Informing affecting population on the upcoming works and any temporary disruptions of municipal service provision that may occur during works; Avoidance of damage to private properties and prompt restoration in case it may not be avoided.	Construction site	Inspection	Recurrent	Ensure safety of local residents and minimize nuisance	MDF, Construction supervisor
OPERATION PHASE						
Management of the solid waste	Trash bins provided on site and arrangement in place for timely regular out-transporting of waste	Constructed facilities	Inspection	During operation of facilities	Prevent littering of the site and area around it	Bakuriani Development Agency
Maintenance and protection of the site after the rehabilitation	No unauthorized construction and no informal land use in the Hub territory	Constructed facilities	Inspection	During operation of facilities	Prevent damaging of the site and surrounding area	Bakuriani Development Agency

Servicing of water supply scheme and sewage systems	Water supply scheme does not leak, and water supply uninterrupted	Arranged facilities	Inspection	During operation of facilities	Prevent water loss and water logging of the site Prevent pollution of surface and ground water with sewage	Bakuriani Development Agency
Operation of sewage biological treatment unit	Providing regular maintenance and timely repair, once required, to the biological treatment unit provided for the Hub	Hub territory	Inspection	During operation of facility	Prevent pollution of surface and ground water with untreated sewage	Bakuriani Development Agency

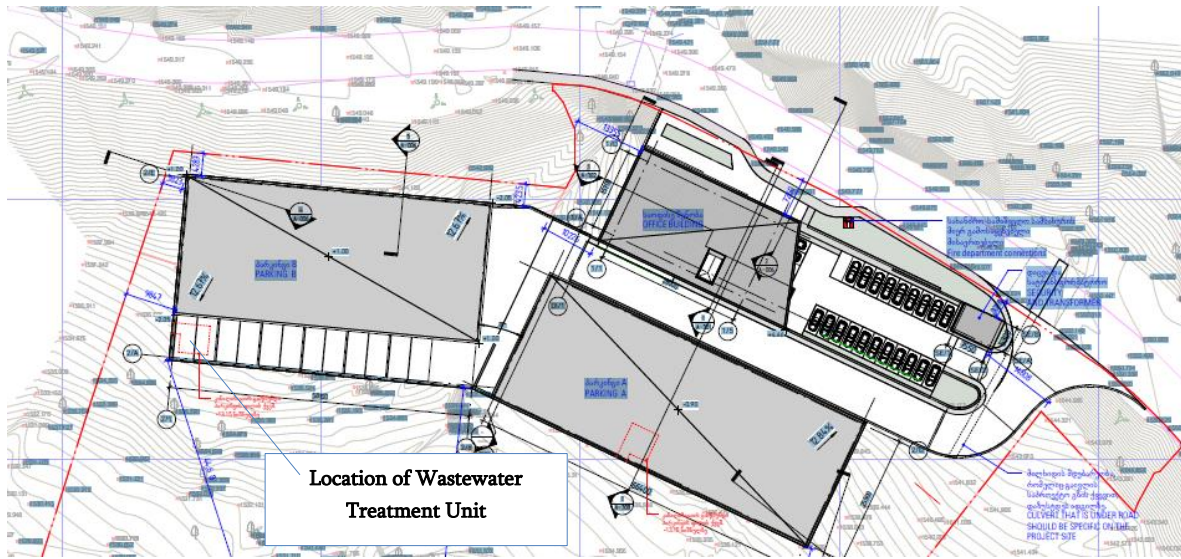
Attachment 2. Sub-Project Situation Map



Attachment 3. Sub-Project Render



Attachment 4. Project layout plan and location of Wastewater Treatment Unit



Attachment 5. Minutes of Public Consultations

18th of August 2023

Borjomi Municipality

Construction of Transport Hub in Bakuriani, Borjomi Municipality

In order to discuss environmental and social documentation (Social and Environmental Management Plan) prepared for the sub-project- “*Construction of Transport Hub in Bakuriani*”, on the 18th of August, 2023 a public consultation meeting was conducted in the building of Bakuriani Cinema.

The meeting aimed at keeping stakeholders abreast of the sub-project related planned activities, the expected negative impacts on the natural and social environment and the ways and means of preventing them.

The meeting was attended by the local residents, representatives of Bakuriani Development Agency (see the list of attendees) and representatives of Municipal Development Fund of Georgia:

██
██

The meeting was opened by ██████████, who familiarized the participants of the meeting with the information related to the MDF and objectives of the meeting. ██████████ also presented the MDF representatives and issues to be reviewed during the meeting. ██████████ reviewed the project-specific Environmental and Social Management Plan (ESMP) and briefly clarified the social and environmental procedures applied within WB projects, along with the environmental and social requirements considered under the SP. The mitigation measures to be applied during the implementation and operation stages of the project were also reviewed. ██████████ noted that, pursuant to the Code of Environmental Assessment, the (SP) does not require obtaining an Environmental Decision from the Ministry of Environmental Protection and Agriculture. Considering all the points mentioned and aimed at ensuring the environmental and social safety of the SP, the Construction Contractor will be responsible for executing all environmental and social procedures stipulated by the WB Safety Policy and the legislation of Georgia.

██████████ reviewed also the structure and content of the document. She declared that the document represents an integral part of the Contract concluded with the Construction Works Contractor, who is obliged to introduce the mitigation measures stipulated by that document in order protection of social and natural environment to be ensured. ██████████ talked also about the monitoring plan from environmental standpoint, the persons responsible for supervision over environmental impact and reporting procedures to be introduced in the course of SP.

██████████ acquainted the attendants of the meeting with the concept and design.

██████████ provided the participants with detailed information about GRM. She noted that involvement of local population / project-affected persons is very important and necessary

for effective implementation of the project. The audience also were provided with detailed information about the contact persons dedicated through the SP from the local municipality as well as from MDF. Local population / project-affected people will be able to express their opinion, comments, dissatisfaction or complaint verbally or in written form in case of existence of any complaints concerning environmental or social issues. Contact persons information was also delivered to the attendees by booklets. [REDACTED] mentioned that information banner will include the contact person information and it will be available to every project interested people.

[REDACTED] provided the participants with detailed information about GRM. She noted that the involvement of the local population and project-affected individuals is crucial and necessary for the effective implementation of the project. The audience was also given detailed information about the contact persons designated through the SP, both from the local municipality and MDF. Local population and project-affected individuals will have the opportunity to express their opinions, comments, dissatisfaction, or complaints verbally or in written form in case of any concerns related to environmental or social issues. Contact person information was also distributed to the attendees through booklets. [REDACTED] mentioned that the contact person's information will be included on an information banner, which will be accessible to all individuals interested in the project

After the presentation, the audience was given a possibility to express their opinions and/or participate in Q&A session concerning presented issues, they posed the following question:

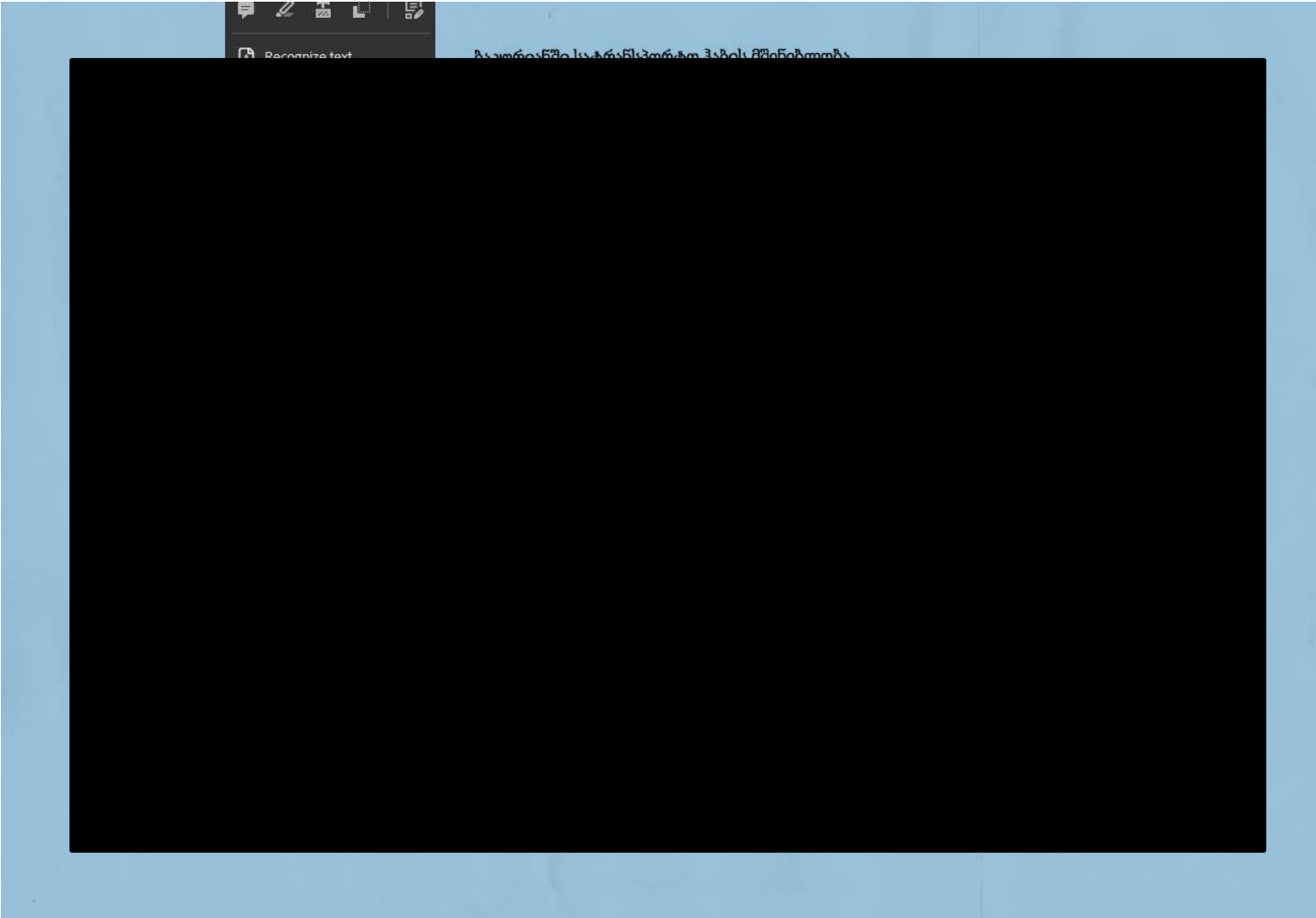
Questions and remarks	Answers and comments
What information can you provide about the occurrence of stones falling from the adjacent slope near the vehicle road?	A geologist inspected the top slope and found no loose stones that could cause sliding or rolling. The geological report states that there are currently no unfavorable physical-geological events such as landslides or karst observed in the construction area from an engineering geological standpoint.
As the building is planned to be constructed on the edge of the roadway, there is a possibility of vehicles skidding on the icy road during winter. Could you please explore potential mitigation measures for this concern?	The Roads Department is responsible for maintaining the Borjom-Bakuriani road and ensuring vehicles do not skid during winter conditions. The design of the landscape features small decorative poles and stones that act as a protective barrier.
Has a geological survey been conducted? Considering the proximity of a nearby river to the project land plot, is there a risk of flooding?	The building is situated 35 meters away from the river and elevated 3.5 meters from the ground. A safe location was chosen for the building after conducting geological and hydrological research on the plot.

How will the utilities be provided, including gas, electricity, and water?	The Hub Project is set to consolidate communication infrastructure in the area. The design is ongoing and is being agreed with relevant agencies.
Could you provide information about the intended wall color for the office areas?	The specified color in the design project must be agreed upon by the beneficiary before work can commence.

At the end of the meeting, the audience expressed their positive attitude towards the project and the mitigation measures proposed in the environmental and social documentation.

Photo materials and copy of registration list of meeting attendances are hereby enclosed.

Registration list of attendees



ბაკურიანში სატრანსპორტო ჰაბის მშენებლობა

7				
8				
9				
1				
1				
1				
1				
1				
	100347	5110	110	

ბაკურიანში სატრანსპორტო ჰაბის მშენებლობა

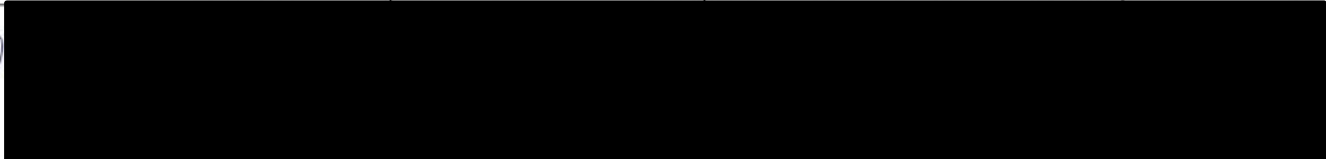

13.				
14.				
15.				
16.				
17.				
18.				
19.				

Photo materials

