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N7 Semestral Report**

July 2025

GEORGIA: Livable Cities Investment Project for Balanced Regional Development

(Financed by the Asian Development Bank)

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Abbreviations

ADB	Asian Development Bank
CAR	Corrective Action Report
CC	Construction Company
CSC	Construction Supervision Consultant
DED	Detailed Engineering Design
EA	Executing Agency
EARF	Environmental Assessment and Review Framework
EHS	Environmental, Health and Safety
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
ES	Environmental and Social manager
HSES	Health, Safety, Environmental and Social
IA	Implementing Agency
IEE	Initial Environmental Examination
IR	Instruction Report
LCIP	Livable Cities Investment Program
MDF	Municipal Development Fund of Georgia
MRDI	Ministry of Regional Development & Infrastructure
NACHP	National Agency of Cultural Heritage Preservation of Georgia
PPE	Personal Protection Equipment
SAEMR	Semi- Annual Environmental Monitoring Review
SPS	Safeguard Policy Statement
SSEMP	Site-Specific Environmental Management Plan

1 INTRODUCTION

1.1 Preamble

1. This report represents the Semi - Annual Environmental Monitoring Review (SAEMR) for **Livable Cities Investment Project (LCIP) for Balanced Regional Development**.
2. This report is the 7th (Seventh) SAEMR for the project covering the period of January-June 2025.

1.2 Headline Information

3. All projects funded by ADB must comply with ADB Safeguard Policy Statement (SPS), 2009. ADB SPS aims to help developing member countries address environmental and social risks in development projects and minimize and mitigate, if not avoid, adverse project impacts on people and the environment. The SPS applies to all ADB-supported projects and ADB works with borrowers to put policy principles and requirements into practice through project review and supervision, and capacity development support. The SPS also provides a platform for participation by affected people and other stakeholders in project design and implementation.
4. The Livable Cities Investment Program (LCIP) has been classified as Category B per ADB SPS thus an initial environmental examination (IEE) is required for activities to be considered under the project. All IEEs have been discussed with relevant stakeholders.
5. IEEs', including Environmental Management Plan (EMP), form an integral part of contractors' contract document and is obligatory to be fulfilled. Therefore, Contractors were required to develop Site-Specific Environmental Management Plan (SSEMP) before commencement of the construction works.
6. During reporting period following activities were implemented at the project's construction sites:
 - i. **Zugdidi Sport Complex:** On February 1, 2025, The Project has been successfully completed, and on that date the DLP has begun, for the repair of the defects on the snag list prepared by the Engineer.
 - ii. **Akhalsikhe Sport Complex:** CSC is waiting for final version of HVAC and Vertical Planning, Actually, CSC is reviewing the submitted last version of Architectural, Firefighting, Pools filtration, internal and external water installation. The completion date of the work was extended till 01 May 2025, according to the VO.03. The works have not been Completed on time. they must speed up the work in order to complete it ASAP.
 - iii. **Kutaisi Swimming Pool:** the project has been completed on April 28, 2023 the site has been visited to review and detect existing defects, a Snag list has been written and sent to the Contractor for repairs, however, a deadline has been given for repairs, a new visit was made on February 25, and issued the Certificate of Completion, the defect was corrected and The DLP Completion Act, has finally been issued.
 - iv. **Rustavi Sport Complex:** On December 22, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, in which the list of defects has not been corrected in its entirety, therefore the retention should not be released and the DLP must be extended until the pending defects are corrected.
 - v. **Dzveli Anaga Kindergarten:** At Dzveli Anaga Kindergarten, a newly engaged subcontractor is currently assessing the remaining works in order to prepare and submit a Variation Order. This process is intended to facilitate the completion of outstanding activities within the 3rd Quarter of 2025. Despite this, the main contractor is progressing at

a noticeably slow pace. It should be noted that the Dzveli Anaga Kindergarten project was contractually scheduled for completion by July 2023.

- vi. **Kvemo Bodbe Kindergarten:** A new subcontractor has been mobilized at Kvemo Bodbe Kindergarten to assess the outstanding scope of works and initiate the preparation of a Variation Order. This is aimed at ensuring completion of the remaining tasks in the 3rd Quarter of 2025. However, progress on site remains slow due to the main contractor's insufficient pace. It should be emphasized that, under the contractual obligations, the project was due for completion by April 2023.
- vii. **Chiauri Kindergarten:** At Chiauri Kindergarten, a newly assigned subcontractor is currently evaluating the remaining works to prepare and submit a separate Variation Order for the project. This measure aims to ensure the completion of all outstanding activities during the 3rd Quarter of 2025. However, it should be noted that, as per the contract, the Chiauri Kindergarten project was scheduled for completion by April 2023.
- viii. **Chabukiani Kindergarten:** On September 15, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, the project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- ix. **Vardisubani Kindergarten:** On April 13, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, in which the list of defects has not been corrected in its entirety, therefore the retention should not be released and the DLP must be extended until the pending defects are corrected.
- x. **Kurdghelaury Kindergarten:** The 365-day Defects Liability Period (DLP) will be until October 30, 2025. Following a comprehensive site inspection, it was determined that several defects listed. A visit will be carried out in the second half of 2025 to determine the repair of the defects.
- xi. **Tsintskaro Kindergarten:** On April 19, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, in which the list of defects has not been corrected in its entirety, therefore the retention should not be released and the DLP must be extended until the pending defects are corrected.
- xii. **Didi Chkoni Kindergarten:** The project has been completed on July 31, 2023, the site has been visited to review and detect existing defects, a Snag list has been written and sent to the Contractor for repairs, the project obtained the certificate of completion. The project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xiii. **Supsa Kindergarten:** The project has been completed on May 31, 2023, the site has been visited to review and detect existing defects, a Snag list has been written and sent to the Contractor for repairs, however, a deadline has been given for repairs, the certificate of completion was issued in September. The project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xiv. **Bandza Kindergarten:** On September 15, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, the project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xv. **Khajalia Kindergarten:** The project has been completed on May 2023, the site has been visited to review and detect existing defects, a Snag list has been written and sent to the Contractor for repairs, the certificate of completion was issue in September. The project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xvi. **Shamgona Kindergarten:** The project has been completed on April 2023, the site has been visited to review and detect existing defects, a Snag list has been written and sent to

the Contractor for repairs, however, a deadline has been given for repairs, a new visit was done in November and the project didn't have remaining defects and the DLP Completion Act has been issued.

- xvii. **Poti kindergarten:** The project has been completed on July 24, 2024, the site has been visited to review and detect existing defects, a Snag list has been written and sent to the Contractor for repairs, the project obtained the certificate of completion, as well as the handover to the beneficiary was signed. A visit will be carried out in the second half of 2025 to determine the repair of the defects.
- xviii. **Rukhi kindergarten:** The Project was completed on March 29, 2024, a site visit was carried out in order to prepare the snag list of defects, it was sent to the contractor. The project obtained the certificate of completion, as well as the handover to the beneficiary was signed. The defects were fixed during the extended DLP and the DLP Certificate has been issued in the first half of 2025.
- xix. **Chitatskari kindergarten:** On September 11, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, the project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xx. **Senaki kindergarten:** the completion date had expired, most of the works have been completed, since its completion date according to the contract expired on September 16, 2023, which was impossible to achieve. The contractor is working in final defects and finishing, has been presented BOQ for exterior access asphalt road and sidewalks including drain and chambers, and house connection for the neighbors from the land above. The Project is in the last stage of works; the completion certificate will be issue when Contractor completes the external road. The Contractor is preparing the last VO.
- xxi. **Kutaisi kindergarten:** The DLP expired in April 2025. The defects still exist at the kindergarten, so the DLP has been extended until they are corrected. They are expected to be repaired in the second half of 2025.
- xxii. **Partskishi Kindergarten:** On November 30, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, the project has been visited and didn't have remaining defects, The DLP Completion Act, has finally been issued.
- xxiii. **Agara Kindergarten:** The project has completed its work in accordance with the requested time extension, that is, April 30, 2024. At the beginning of May, a site inspection was carried out to prepare the list of defects. The latest order variation was approved. The DLP expired in April 2025, and the flaws are still present, so it has been extended.
- xxiv. **Darcheli kindergarten:** The project obtained the certificate of completion, as well as the handover to the beneficiary was signed. On December 15, 2024, the 365 days of the DLP have been completed, and a detailed inspection of the project has been carried out, in which the list of defects has not been corrected in its entirety, therefore the retention should not be released and the DLP must be extended until the pending defects are corrected.
- xxv. Construction works of **Velistsikhe Urban Upgrade Project** took place at following locations including Local Administration Office, Theatre, WWTP, Bus Station, Recreational Park and various Buildings.
- xxvi. **Zviad Gamsakhurdia Youth Center, Presidential Library and museum Construction Project:** The project is completed and is undergoing the DLP period till September 25, 2025 will be visit in order to check the reparations of the defects and issue the DLP certificate.
- xxvii. **Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):** Rehabilitation of Svan Towers: The project was awarded to Mane Lux Ltd under contract LCIP/CW/017-1-2024, with a duration of 17 months. The construction works officially commenced on 27 May 2025 following the receipt of the Notice to Proceed. As of the end

of June 2025, site installation and mobilization works are ongoing, and initial construction activities have started at several buildings in Sector 9. The project involves rehabilitation of 13 buildings and 1 Svan Tower.

2 PROJECT DESCRIPTION AND CURRENT ACTIVITIES

2.1 Project Description

7. The Municipal Development Fund of Georgia (MDF) is the Implementing agency (IA) of the Livable Cities Investment Program (LCIP). The LCIP program includes 27 subprojects. Below table shows the status of each project.
8. The following Sub-Projects are ongoing: Rehabilitation of the central Part of Velistsikhe Village and Rehabilitation of Laghami District in Mestia Settlement, Sport-complexe in Akhaltsikhe, Senaki, Dzveli Anaga, Kvemo Bodbe, Chiauri. The list of the SPs, statuses and dates together with Constructing Contractors (CC) are given in Table 1.

Table 1 Subprojects with the information on Constructing Companies and implementation time periods¹

No	Project	(Tentative) Contractor Company	Contract	% Executed works	Tentative Date of Contracting	Tentative Date of Completion of Project	Comments
1	Kutaisi Swimming Pool	Ltd Saba Construction	LCIP/CW/02-2020	100	21-Apr-21	28-Apr-23	Completed
2	Zugdidi Sport Complex	Ltd Saba Construction	LCIP/CW/04a-2	100	12-Jun-23	01-Feb-25	Completed
3	Akhaltsikhe Sport Complex	Ltd Arali	LCIP/CW/05a-2022	65	19-Jan-23	01-May-25	Ongoing
4	Rustavi Sport Complex	Ltd Arali	LCIP/CW/06-2020	100	24-Mar-21	22-Dec-23	Completed
5	Kutaisi Kindergarten (180)	Satave +	LCIP/CW/01-2021	100	7-Jan-22	10-Apr-24	Completed
6	Kurdghelauri Kindergarten (180)	Satave +	LCIP/CW/11b-2021	100	18-Jan-22	30-Oct-24	Completed
7	Darcheli Kindergarten (180)	Produce Investment	LCIP/CW/07b-2022	100	21-Jul-22	15-Dec-23	Completed
8	Vardisubani Kindergarten (180)	Produce Investment	LCIP/CW/11a-2021	100	13-Jan-22	13-Apr-23	Completed
9	Tsintskaro Kindergarten (180)	Produce Investment	LCIP/CW/14-2021	100	24-Jan-22	19-Apr-23	Completed
10	Poti Kindergarten (100)	Prime Beton	LCIP/CW/03a-2021	100	7-Jan-22	24-Jul-24	Completed
11	Senaki Kindergarten (100)	Prime Beton	LCIP/CW/12a-2021	95	7-Jan-22	10-Jun-25	Completed
12	Village Supsa Kindergarten (100)	Georgian Construction Group	LCIP/CW/03b-2021	100	22-Dec-21	31-May-23	Completed
13	Village Khajalia Kindergarten (100)	Georgian Construction Group	LCIP/CW/03c-2021	100	22-Dec-21	31-May-23	Completed
14	Agara Kindergarten (100)	Georgian Construction Group	LCIP/CW/08-1-2022	100	15-Jul-22	30-Apr-24	Completed
15	Didi Chkoni Kindergarten (100)	Georgian Construction Group	LCIP/CW/12c-2021	100	23-Dec-21	31-Jul-23	Completed
16	Village Bandza Kindergarten (100)	JV ABEKA & ARCHTRADE LLC	LCIP/CW/12b-2021	100	12-Apr-22	15-Sep-23	Completed

¹ The following colors in the table indicate the following: Green – Completed projects; Orange - ongoing projects.

17	Chabukiani Kindergarten (100)	JV ABEKA & ARCHTRADE LLC	LCIP/CW/10B-2021	100	12-Apr-22	15-Sep-23	Completed
18	Chitatskari Kindergarten (100)	JV ABEKA & ARCHTRADE LLC	LCIP/CW/07a-2022	100	14-Apr-22	11-Sep-23	Completed
19	Rukhi Kindergarten (100)	JV ABEKA & ARCHTRADE LLC	LCIP/CW/07d-2021	100	14-Apr-22	29-Mar-24	Completed
20	Dzveli Anaga Kindergarten (75)	Instali	LCIP/CW/09a-2021	76	10-Jan-22	15-Sep-25	Ongoing
21	Kvemo Bodbe Kindergarten (75)	Instali	LCIP/CW/09b-2021	75	11-Jan-22	15-Sep-25	Ongoing
22	Chiauri Kindergarten (75)	Instali	LCIP/CW/10a-2021	81	11-Jan-22	15-Aug-25	Ongoing
23	Shamgona Kindergarten (75)	Prodius Investment	LCIP/CW/07c-2021	100	13-Jan-22	30-Apr-23	Completed
24	Partskhisi Kindergarten (75)	Balavari	LCIP/CW/13-2021	100	4-Jan-22	30-Nov-23	Completed
25	Velistsikhe Urban Upgrade	LTD ISNI AND LTD JAVA	LCIP/QCBS/01-2020	40	20-Jan-22	30-Jul-26	Ongoing
26	Construction of Zviad Gamsakhurdia Youth Centre, presidential library and museum in Zugdidi	Metag Inshaat Ticaret	LCIP/QCBS/01-2020	100	6-Oct-22	25-Sep-24	Completed
27	Rehabilitation of Laghami District in Mestia Settlement (Initial Two Sectors)	Mane Lux Ltd	LCIP/CW/017-1-2024	7	22 –Jan- 2025	21-Jun-2026	Ongoing

2.1.1 Construction of Sport-Complex in Zugdidi

9. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.2 Construction of Sport-Complex in Akhaltsikhe

10. The project envisages construction of the sport complex in Akhaltsikhe (cadastral Code: 62.09.63.538) (see figure 2). The total area of the land plot allocated for sports complex construction is 13394 m², including parking and backyard. The sports complex building will be constructed on the west side of the land plot on the 4000 m² area. The ground area of the sports complex building is 3551.1 m² and total area – 7795.4 m². Height of the building will be 15.6 m.
11. Main vestibule, large swimming pool (33X25 m), small pool (16X8 m), gym and hall for weightlifting will be located on the first floor of the building. According to norms, a large pool capacity is 80 persons per day. The small pool will serve children under 14 years of age. Capacity - 20 children per shift. Seats for 200 spectators will be arranged within a large pool hall. The project includes adaptations for the disabled persons. The special ramps for disabled persons will be arranged. Adapted water closets will be provided. Elevator will be installed. Parking for cars will be arranged for 100 cars and 3 buses. The landscaping of the surrounding is envisaged by the project design as well. The sport complex area will be fenced.
12. In order to increase the energy efficiency of the building in the exterior wall will be constructed with Ventilated fiber cement façade with insulation of an outer layer of 5cm XPS and an inner layer of 5cm rock wool, both protected with a vapor barrier and double anti-humidity plasterboard. Exterior stained-glass windows will be arranged by double glass packages. To ensure thermal insulation of the ceilings stone wool and pumice will be used. The roof will be arranged with sandwich panels. The project envisages installation of power, internal water supply and sewage networks, heating and cool systems, lighting, fire extinguishing system.
13. CSC received the structural reinforcement design with expert Conclusion of Akhalsitkhe Sport Complex. The Contractors must reinforce all structures with steel and diaphragms, in case Akhalsitkhe must demolish many walls in order to reinforce columns and beams. For Akhalsitkhe, CSC is reviewing HVAC, Reinforcement, Technology pools, Water and Sewage, Fire Fighting system, Low voltage, Electricity.

Figure 1 Site location – Akhaltsikhe Sport Complex



Location with GPS coordinates

N 1	X=332535; Y= 4612057	N 5	X=332730; Y= 4612070
N 2	X=332529; Y= 4612072	N 6	X=332721; Y= 4612034
N 3	X=332582; Y= 4612098	N 7	X=332704; Y= 4611991
N 4	X=332743; Y=4612104	N 8	X=332564; Y= 4612062

2.1.3 Construction of Sport-Complex in Rustavi

14. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.4 Construction of Swimming Pool in Kutaisi

15. The construction works are fully completed, and the defects were corrected and issued the DLP Certificate.

2.1.5 Construction of Kindergarten in Dzveli Anaga

16. Construction of Kindergarten in village Dzveli Anaga (cadastral code: 56.08.55.496), Signaghi Municipality is one of the projects implemented under the Livable Cities Investment Program (LCIP). The project aims to increase access to high quality preschool education for the children living in Signaghi Municipality. The site selected for the construction of kindergarten is located at the west part of city Signaghi, on the Dzveli Anaga, near the Tbilisi-Gurjaani-Signaghi road. Area of the land plot allocated for the kindergarten construction is 6075 m².
17. The construction area of the new two-story kindergarten building is 1.612,90 m². The project includes arranging a kindergarten for 3 groups (75 children). The kindergarten building will include the setting up of bedrooms, playing rooms, cloakrooms, canteen, storage rooms, hall, administration rooms, washing rooms, kitchen, evacuation stairs. The project also envisages arranging gardens, benches, sheds, playgrounds, waste bins and water fountains on the rest of the territory allocated for the project.
18. The project envisages installation of power, internal water supply and sewage networks, heating and cool systems, lighting, fire extinguishing system. The design envisages placement of boiler space (33.80 m²) and biological treatment unit/device with the capacity 6 m³/per day on the site.

Figure 2 Site location – Kindergarten in Dzveli Anaga



Location with GPS coordinates

N1	X=587302; Y=4599778	N7	X=587398; Y=4599768
N2	X=587301; Y=4599828	N8	X=587410; Y=4599794
N3	X=587317; Y=4599820	N9	X=587357; Y=4599812
N4	X=587394; Y=4599876	N10	X=587372; Y=4599824
N5	X=587455; Y=4599789	N11	X=587356; Y=4599841
N6	X=587417; Y=4599755	N12	X=587335; Y=4599817

2.1.6 Construction of Kindergarten in Kvemo Bodbe

19. The project envisages construction of a new kindergarten for 3 groups of children (75 children) in village Kvemo Bodbe, Sighnaghi Municipality (Kakheti region). The area of the land plot allocated for construction is 3629 m², Cadastral code: 56.10.46.299. It is the property of Sighnaghi Municipal Government.
20. The construction area of the kindergarten building is 1612.8 m². The 1st floor construction area is 723.6 m², the second floor has an area of 788.2 m², one technical floor on the roof with an area of 67.3 m². Boiler building construction area is 33.8 m².
21. Whole territory of the kindergarten will be fenced and a video surveillance system installed.
22. Fire safety, water supply, sewage, air ventilation and heating systems will be arranged as well. Water will be provided from the local network. Hot water will be provided from the boiler installed at the site. The project envisages installation of the biological treatment unit/device for sewage waters with the capacity 6 m³/per day.

Figure 3 location – Kindergarten in Kvemo Bodbe



Location with GPS coordinates

N1	X=587302; Y=4599778	N2	X=587398; Y=4599768
N3	X=587301; Y=4599828	N4	X=587410; Y=4599794
N5	X=587317; Y=4599820	N6	X=587357; Y=4599812
N7	X=587394; Y=4599876	N8	X=587372; Y=4599824

2.1.7 Construction of Kindergarten in Chiauri

23. The project envisages the construction of a new kindergarten for three groups of 75 children in village Chiauri, Lagodekhi Municipality (Kakheti region). The area of the land plot allocated for construction is 4064 m², cadastral code: 54.06.57.029. The land plot is property of Lagodekhi Municipal Government.
24. There is an old kindergarten building in the area selected for the project. Local government is responsible for demolishing existing buildings and removing the construction waste from the site, before commencement of the construction works.
25. Whole territory of the kindergarten will be fenced and a video surveillance system installed.
26. Fire safety, water supply, sewage, air ventilation and heating systems will be arranged as well.
27. To provide water for kindergarten building, arrangement of the bore hole with filter pump, pump control box, borehole head, water meter node and water disinfection system is planned under the project. Hot water and heating will be provided from the boiler installed at the site. The project envisages installation of the sewage treatment unit/device for sewage waters with the capacity 6 m³/per day.

Figure 4 Site location – Kindergarten in Chiauri



2.1.8 Construction of Kindergarten in Chabukiani

28. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.9 Construction of Kindergarten in Vardisubani

29. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.10 Construction of Kindergarten in Kurdghelaui

30. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.11 Construction of Kindergarten in Tsintskaro

31. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.12 Construction of Kindergarten in Didi Chkoni

32. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.13 Construction of Kindergarten in Supsa

33. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.14 Construction of Kindergarten in Khajalia

34. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.15 Construction of Kindergarten in Shamgona

35. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.16 Construction of Kindergarten in Poti

36. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.17 Construction of Kindergarten in Rukhi

37. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.18 Construction of Kindergarten in Chitatskari

38. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.19 Construction of Kindergarten in Bandza

39. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.20 Construction of Kindergarten in Senaki

40. The construction works completed, and the Construction must be finished the external road to obtain completion Certificate, Hand over, and starts the DLP.

2.1.21 Construction of Kindergarten in Kutaisi

41. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.22 Construction of Kindergarten in Partskhisi

42. The construction works are fully completed, At the end of this period, the DLP has been successfully completed after having repaired all detected defects.

2.1.23 Construction of Kindergarten in Agara

43. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.24 Construction of Kindergarten in Darcheli

44. The construction works are fully completed, and the Construction Contractor is now in the defect liability period, addressing issues identified by the Construction Supervision Consultant.

2.1.25 Rehabilitation of the central Part of Velistsikhe Village

45. The project site is in the village of Velistsikhe, Gurjaani Municipality, Eastern Georgia. The village is one of the oldest and largest settlements in Kakheti. It is located on the major Khornabuji-Velistsikhe-Cheremi-Ujarma highway.
46. Velistsikhe village is situated on the plain of Alazani, on the bank of the Chermiskhevi River (see Figure 7).
47. The project aims to develop an attractive and organized environment for tourism development in the village of Velistsikhe. The rehabilitation project entails refurbishment of three main sites in the village: (1) the central street of Velistsikhe, (2) the Theatre and (3) the Park. While the former two are intended to be converted into a hospitality and retail hub, the latter will serve primarily as a recreational space for villagers. The theatre and park will be fully rehabilitated; on facades of the building and the walkways will be refurbished on the central street.
48. The total project area is 7.7 hectares, central street (including buildings and theatre) (4.3 ha) and central park (3.4 ha). Land plots will also be allocated for the construction of a bus station and parking (4611 m²), and for the construction of wastewater treatment plants (two units with capacity 150 m³/24 hour each, on an area of 589 m²).

Figure 5 Location of Velistsikhe Village



49. The development vision for the village is based on sustainability principles, which consider:
(i) Conservation of historical authenticity of the area representing one of the main values for the village; and (ii) Responding to modern needs and challenges, meanwhile considering local traditional values.
50. The project includes the following components: (i) Reconstruction and rehabilitation of buildings located in the central part of the village (see Figure 8); (ii) Rehabilitation of the central street and square near the theatre; (iii) Rehabilitation of the facade and first floor of the theatre building (see Figure 9); (iv) Rehabilitation of the recreational park (see Figure 10); (v) Construction of a bus station; and (vi) Construction of a biological Wastewater Treatment Plants (see Figure 11).
51. The project design is elaborated within the framework of the “Village Velistsikhe Central Part Master Plan” approved by Gurjaani municipality in 2019. The Master Plan for Velistsikhe is focused on the improvement of the touristic environment, whilst considering location and cultural values. Velistsikhe is located next to the central highway connecting the Kakheti region with Tbilisi, the capital of Georgia, and to other regions of the country. The center of the village is attractive for tourists due to its urban structure, cultural heritage monuments, wine cellars and wine production activities.

Figure 6 Plan of the buildings to be rehabilitated within the project



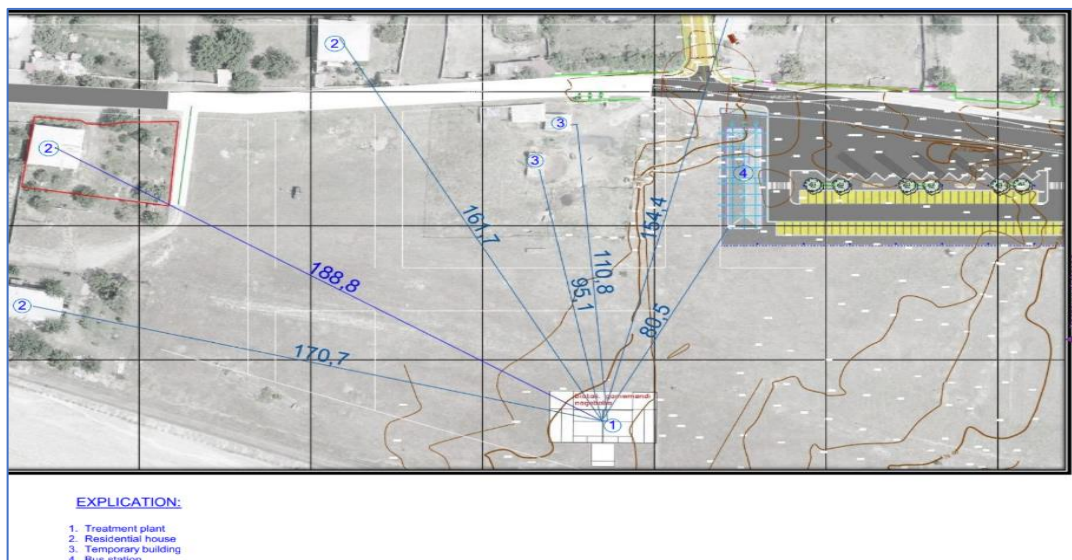
Figure 7 Location of Theatre and its Square to be rehabilitated



Figure 8 Location Recreational Park



Figure 9 Location of Bus Station, Parking and WWTPs



52. According to the Environmental Assessment Code of Georgia, the envisaged civil works do not require environmental screening or an Environmental Impact Assessment (EIA). However, as the project foresees the establishment of two WWTPs (with 150 m³/24-hour capacity each), an environmental screening was conducted. According to the Order of the Ministry of Environment Protection and Agriculture #2-942, dated 20 October 2020, the construction and operation of WWTPs in Velistsikhe do not require EIA to be completed.

53. The Livable Cities Investment Program (LCIP), including the presented project, has been classified as Category B per ADB SPS. Thus, Initial Environmental Examination (IEE) was developed, including conducting baseline measurement, for the project and approved by the ADB.
54. The Draft and Final IEE was discussed with the stakeholders on 18, 26, 27, 30 November and on 1, 3 December of 2020 and 17, 18 19 January of 2022 and disclosed on the IA's web-site in Georgian and English languages. In addition, the reports have been shared with the local Municipality and the CSC.
55. Since several buildings to be rehabilitated within the project (located at the central street of village Velistsikhe, clusters) are located within a visual security zone for the protection of cultural heritage monuments: St. George Church, the Virgin Church and the Church of Virgin Mary, the project design has been agreed with the National Agency for Cultural Heritage Preservation (NACHP) of Georgia, who has approved the works to be undertaken within the visual security zone of the cultural property. NACHP has reviewed the revised sketch design for rehabilitation works of residential houses in the vicinity of cultural heritage monuments.
56. As a result, it was noted that the rehabilitation works of the residential houses in the center of Velistsikhe Village can be executed based on the documents submitted. NACHP has also reviewed the detailed design of rehabilitation of the central part of Velistsikhe village and provided the confirmation letter (dated 24.05.2021 N12/1745) on approval of the envisaged works with specific recommendations to be considered during the construction phase.

2.1.26 Construction of Zviad Gamsakhurdia Youth Center, presidential library and museum in Zugdidi

57. Construction works were completed and the project is under DLP.

2.1.27 Zugdidi Sport Complex and Kutaisi Swimming Pool

58. The construction works of the Zugdidi Sport Complex and Kutaisi Swimming Pool projects have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

2.1.28 Rustavi and Akhaltsikhe Sport Complex

59. The construction works of the Rustavi sports complex have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.
60. Construction Company – “Arali” LLC has been selected for implementation of the project Construction of Akhaltsikhe Sport Complex. The contractor is responsible for following IEE/EMP and good construction practice. In order to meet this obligation, a contractor has established Health, Safety, Environmental and Social (HSES) procedures and appointed a full-time Environmental and Social (ES) Manager [REDACTED] during the project implementation process. The mentioned Manager will be based on site for the duration of the contract and develop monitoring reports, monthly report, corrective instruction reports during the implementation of the project activities.
61. In accordance with the requirements of IEE/EMP, the contractor “Arali” LLC prepared Site-Specific Environmental Management Plan (SSEMP), Noise and Vibration Management Plan,

Waste Management plan, Topsoil Management and Reinstatement Plan and Camp Site Management Plan based on detailed engineering design and assessment of environmental conditions. It should be noted that no work is allowed until the MDF – project-implementing agency (IA) has reviewed and issued a clearance to proceed with the construction activities.

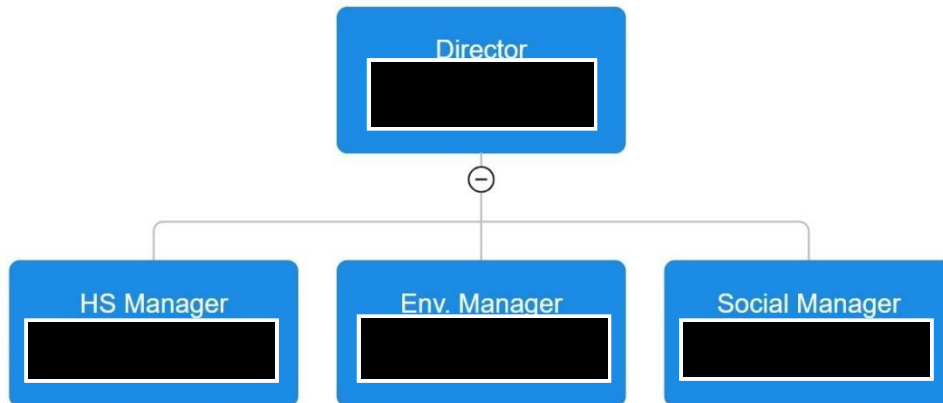
Figure 10 Organization Chart of Construction Company “Arali” LLC



2.1.29 Kindergarten in Dzveli Anaga (Signagi), Kindergarten in Kvemo Bodbe (Signagi), Kindergarten in Chiauri (Lagodekhi)

62. Construction Company – “Instali” LLC has been selected for implementation of the projects Construction of the Kindergarten in Dzveli Anaga (Signagi), Construction of the Kindergarten in Kvemo Bodbe (Signagi) and Construction of the Kindergarten in Chiauri (Lagodekhi). The contractor is responsible for following IEE/EMP and good construction practice. To fulfill this obligation, the contractor established environmental and social (ES) procedures, appointing [REDACTED] as the full-time licensed ES manager during the project implementation. [REDACTED], replacing [REDACTED], was a necessary step in suspending the construction contract for several months. During this suspension, there were no construction activities on-site, and the project was halted. The new ES manager, based at the site for the contract's duration, will develop monitoring reports throughout the project's implementation.
63. In accordance with the requirements of IEE/EMP, the contractor “Instali” LLC prepared Site-Specific Environmental Management Plan (SSEMP), Noise and Vibration Management Plan, Waste Management plan, Topsoil Management and Reinstatement Plan and Camp Site Management Plan based on detailed engineering design and assessment of environmental conditions. It should be noted that no work is allowed until the MDF – project-implementing agency (IA) has reviewed and issued a clearance to proceed with the construction activities.

Figure 11 Organization Chart of Construction Company “Instali” LLC.



2.1.30 Kindergarten in Kutaisi, Kindergarten in Kurdghelaure (Telavi)

64. The construction works of the Kutaisi and Kurdghelaure Kindergarten projects have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

2.1.31 Kindergarten in Chabukiani, Kindergarten in Chitatskaro, Kindergarten in Rukhi, Kindergarten in Bandza

65. The construction works of the Chabukiani, Chitatskaro, Rukhi, Bandza Kindergarten projects have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

2.1.32 Kindergarten in Vardisubani, Kindergarten in Tsintskaro, Kindergarten in Shamgona and Kindergarten in Darcheli

66. The construction works of the Vardisubani, Tsintskaro, Shamgona and Darcheli Kindergarten projects have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

2.1.33 Kindergarten in Didi Chkoni, Kindergarten in Supsa, Kindergarten in Khajalia and Kindergarten in Agara

67. The construction works of the Didi Chkoni, Supsa, Khajalia and Agara Kindergarten projects have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

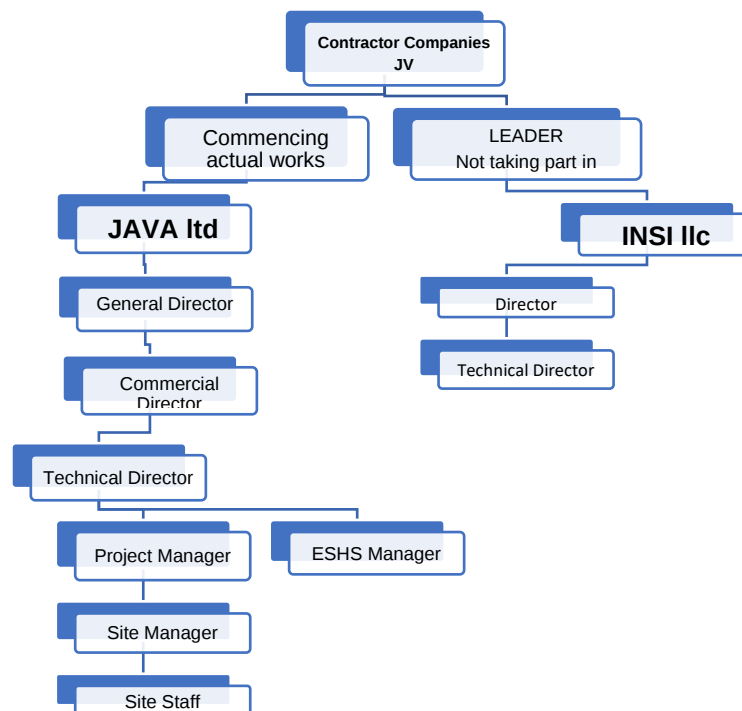
2.1.34 Kindergarten in Poti, Kindergarten in Senaki

68. The construction works of the Poti and Senaki Kindergarten projects have already been completed and the certificate of completion has been issued only for Poti, Senaki must finish the road. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period

2.1.35 Rehabilitation of the central Part of Velistsikhe Village

69. Under the project the contract (N: LCIP/CW/015-2020) was signed between the IA and Joint Venture of INSI LLC and JAVA LLC on 23th of December, 2021. The Construction Company (CC) started civil works on 24th of January, 2022.
70. The IEE developed for the project forms an integral part of the contract, and thus, the CC is responsible for implementing all the requirements envisaged by the report.
71. In accordance with the requirements of IEE/EMP, the contractor in Joint Venture (JV) “Java” and “INSI” LTD prepared Site-Specific Environmental Management Plan (SSEMP) and its sub-plans and submitted them to the IA. The IA reviewed and issued a clearance to proceed the construction activities on the 24th of January, 2022.
72. In accordance with requirements of the IEE, the CC has appointed Environmental, Health and Safety (EHS) Staff for the duration of the contract. The table below reflects the structure of the construction company. Key responsibilities of the staff is to ensure that SSEMP (along with the other plans) is implemented effectively throughout the construction period and all works are executed in compliance with applicable environmental/social/HS standards, engaging in the process of grievance resolution, establishing and maintaining site records, reporting to the IA and CSC environmental incidents/spillages including actions taken to resolve issues, reporting monthly regarding the implementation of the prepared plans, undertaking instrumental measurement and etc.

Figure 12 Organization Chart of Construction Company



2.1.36 Construction of Kindergarten in Partskhisi

73. The construction works of the Partskhisi Kindergarten project have already been completed and the certificate of completion has been issued. The outer perimeter is greened and properly arranged according to the requirements of the project. The construction contractor is currently under a one-year defect liability period.

2.1.37 Rehabilitation of Laghami District in Mestia Settlement

74. The project - Rehabilitation of the Laghami District in Mestia Municipality envisages on the restoration and conservation of historical buildings, including traditional Svan towers and residential structures, located in this culturally significant district. Some of the buildings to be rehabilitated within the project are monuments of Cultural Heritage and have a very important historical and cultural values. The project aims at development of attractive and organized environment for tourism development in Mestia.
75. According to ADB's Environmental Safeguards Policy (SPS, 2009), the project is classified as Category B, and an Initial Environmental Examination 2 (IEE) has been prepared. At this stage, only Sectors 1 and 9 (comprising 13 buildings and 1 Svan Tower) have been tendered under the LCIP-CW-017-1-2024 contract, and the works have been awarded to **Mane Lux LTD** as the Construction Contractor (CC).
76. Under this project, traditional architectural sites are subject to restoration, reconstruction, and conservation. The remaining damaged buildings shall undergo façade rehabilitation using materials compatible with the historical context, ensuring that the visual integrity and authenticity of the historical environment are preserved.
77. The project will be implemented on privately owned territories and buildings. Duration of the project: 17 months (including winter period).
78. The project envisages roofing of almost all buildings with traditional materials, such as Kavari and Pikali (mainly-kavari). Accordingly, this method is applied, also to historic complexes, and/or historic buildings where late alterations accrued as well to Residential Houses of the Second Half of the 20th Century and modern buildings.
79. The list and number of spaces located on Laghami in 1 and 9 sectors:
- I. Machubi (traditional Svanetian residential space, # 085) – 1;
 - II. Lalcha (traditional Svanetian agricultural facility # 080, # 087) – 2;
 - III. Garage (#025) – 1;
 - IV. Agricultural facility (#027, #083) – 2;
 - V. Residential houses (#064, #081, #086, #026, #028, #029, #030) – 7;
 - VI. Tower (#084) – 1.

² https://www.adb.org/sites/default/files/project-documents/53118/53118-001-iee-en_11.pdf

Figure 13 Site Location of Buildings to Be Rehabilitated



No	Sector No	Object / Building No	land cadastral code	Previous cadastral code (if any)	Ground Area (M ²)	Address
1	9	029	42.06.44.184	42.06.44.039	7754	Street No:6 Maxime Galrani
2	9	028	42.06.43.461		1918	Land plot No: 461, Mestia
3	9	025	42.06.43.457		2633	Land plot No: 457, Mestia
4	9	026	42.06.43.457		2633	Land plot No: 457, Mestia
5	9	027	42.06.43.457		2633	Land plot No: 457, Mestia
6	9	030	42.06.43.459		1025	Street No: 15 Sergo Barliani
7	9	084	Tower, not registered			
8	1	085	42.06.01.711		5900	Street Barliani, Mestia
9	1	086	42.06.01.711		5900	Street Barliani, Mestia
10	1	087	42.06.01.711		5900	Street Barliani, Mestia
11	1	064	42.06.44.134	42.06.01.479	1056	Land plot No: 134, Mestia
12	1	081	42.06.44.133	42.06.44.041	818	Land plot No: 133, Mestia
13	1	083	42.06.44.133		818	Land plot No: 133, Mestia
14	1	080	42.06.44.194		320	Land plot No: 184, Mesta

80. According to the official schedule, construction works under the LCIP-CW-017-1-2024 contract formally commenced on February 19th, 2025. However, actual mobilization on site began in early June 2025, as no substantial construction activities were carried out during the last days of May. The Contractor, Mane Lux LTD, initiated preparatory works and site organization in June, following the receipt of the Notice to Proceed an environmental clearance.

Figure 14 Organization Chart of Construction Company

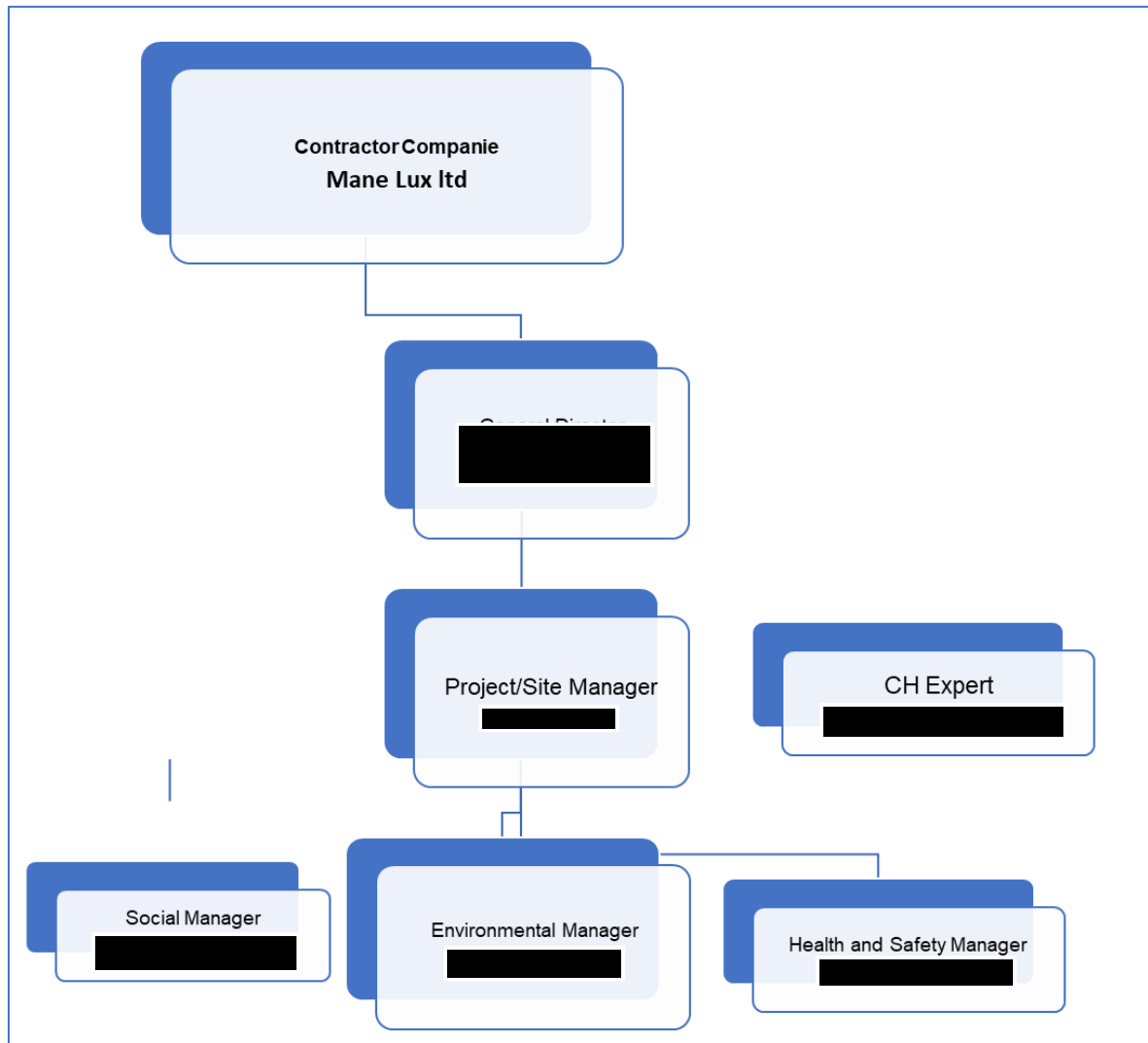


Table 2 List of Environmental and Health and Safety staff of organizations for Sport complexes, Kindergartens and Urban Upgrade projects

Organization	Name	Position	Phone	E-mail
<u>Lender - ADB</u>		Senior Environment Specialist		
		Portfolio, Results, Safeguard, and Gender Unit		
		Associate Safeguard Officer ADB GRM		
Environmental Consultant				
<u>Borrower – MDF (IA)</u>		Environmental specialist		
		Environmental specialist		
		H&S Manager		
		H&S Manager		
<u>Construction Supervision Company - Eptisa</u>		Key Environmental Specialist		
		Non-Key Environmental Specialist		
		Key Environmental Specialist		
		Non- Key Environmental Specialist		
		H&S Manager		
		Social Manager		
		Cultural heritage expert		
<u>CC - “Saba Construction”</u>	HS&ES Manager			
<u>CC – “Arali” LLC</u>	H&S Manager			
	E&S Manager			
<u>CC – “Satave Plus”</u>	HS&ES Manager			
<u>CC – “Instali” LLC</u>	E&S Manager			
	H&S Manager			

<u>CC – “Abeka” LLC</u>		HS&ES Manager	
<u>CC – JV “Java” Insi LTD</u>		E&S Manager	
		H&S Manager	
<u>CC – “Georgian Construction Group” LTD</u>		E&S Manager	
		H&S Manager	
<u>CC - “Prime Beton” LTD</u>		E&S Manager	
		H&S Manager	
<u>LTD “Balavari”</u>		HS&ES Manager	
<u>LTD Mane Lux</u>		Environmental Manager	
		HSE Manager	

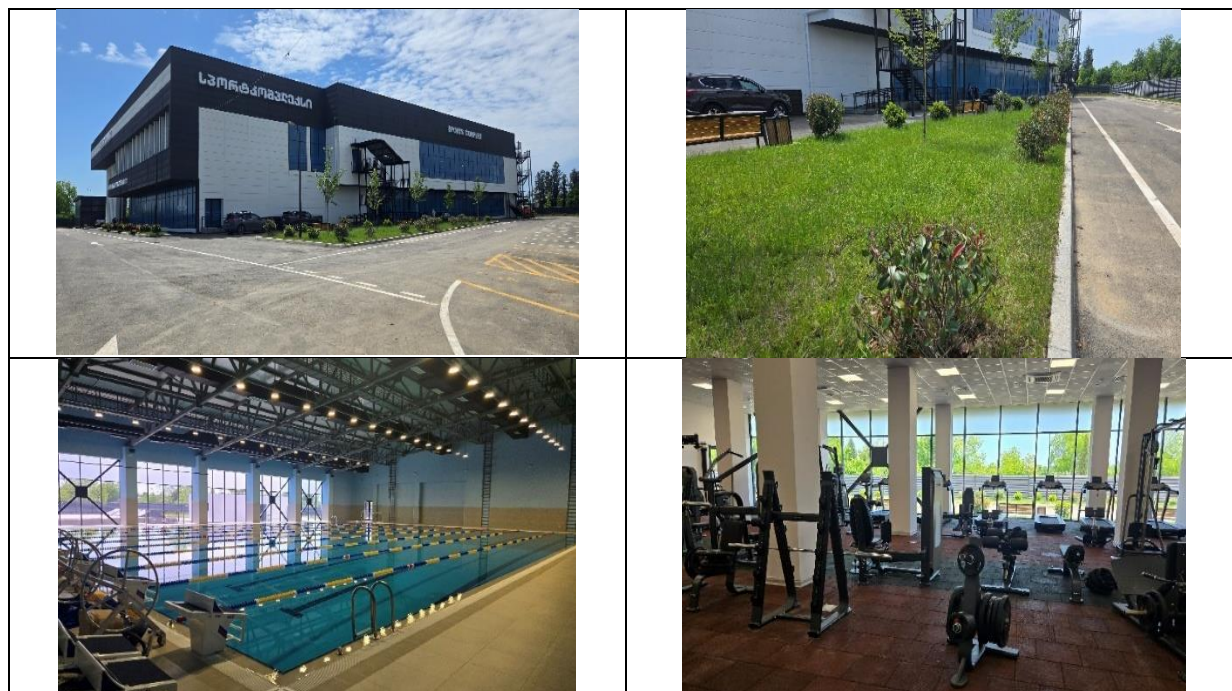
2.2 Project Activities during Current Reporting Period

2.2.1 Construction of Zugdidi Sport Complex

Table 3 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2st floor	100
Arrangement of t internal walls and partitions	100
Internal Plastering works	100
Facade Paint	100
Arrangement of doors, windows, news, and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation, and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Landscaping of territory	100

Figure 15 Photo materials reflecting the ongoing civil works.

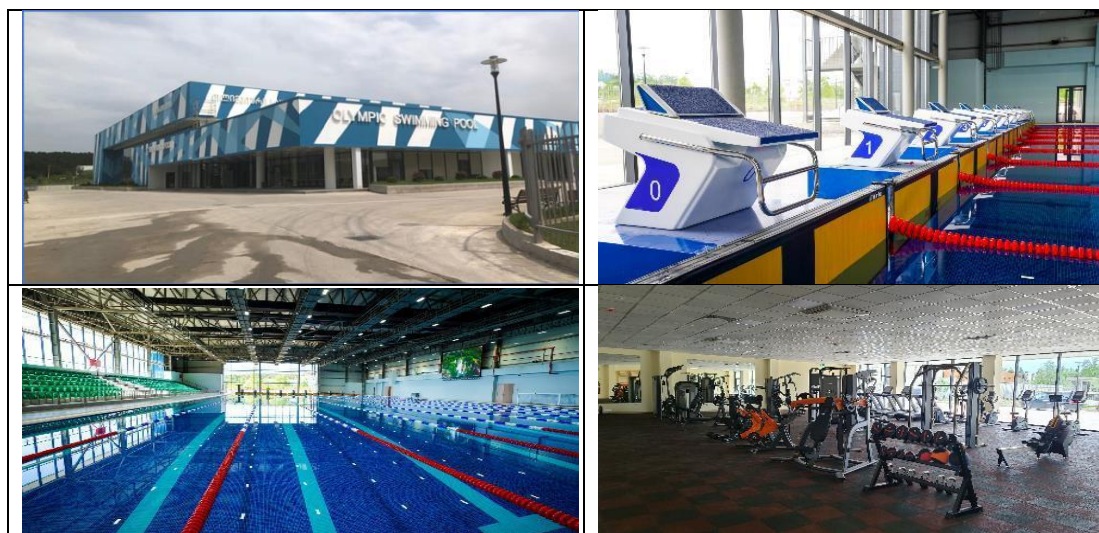


2.2.2 Construction of Kutaisi Swimming Pool

Table 4 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Reinforced concrete and metal construction works	100
Walls and partitions	100
Roof arrangement	100
Door and window installation works	100
Arrangement of boiler room on roof	100
Floor arrangement	100
Facade works	100
Arrangement of grandstands 528 seats	100
Sauna arrangement	100
Arrangement of jump ramps	100
Arrangement of basement staircase	100
Drainage arrangement	100
Lightning conductor	100
Earthing	100
Internal water supply network arrangement	100
Internal sewage network arrangement	100
Technological part of large swimming pool	100
Technological part of small swimming pool	100
Heating cooling systems	100
Air conditioning - ventilation systems	100
Fire extinguishing system arrangement	100
Weak currency (computerization, deletonization, fire alarm gate check system, security alarm and surveillance camera)	100
Pump unit construction works	100
Outer water supply network	100
Sewage and outer network arrangement works	100
Vertical planning of site	100
Arrangement of roads and squares	100
Landscaping, planting and arrangement of garden chairs	100
Drainage channel arrangement	100
Swimming pool site illumination installation works	100
Territory fencing	100

Figure 16 Photo materials reflecting the ongoing civil works



2.2.3 Construction of Rustavi Sport Complex

Table 5 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Landscaping of territory	100

Figure 17 Photo materials reflecting the ongoing civil works

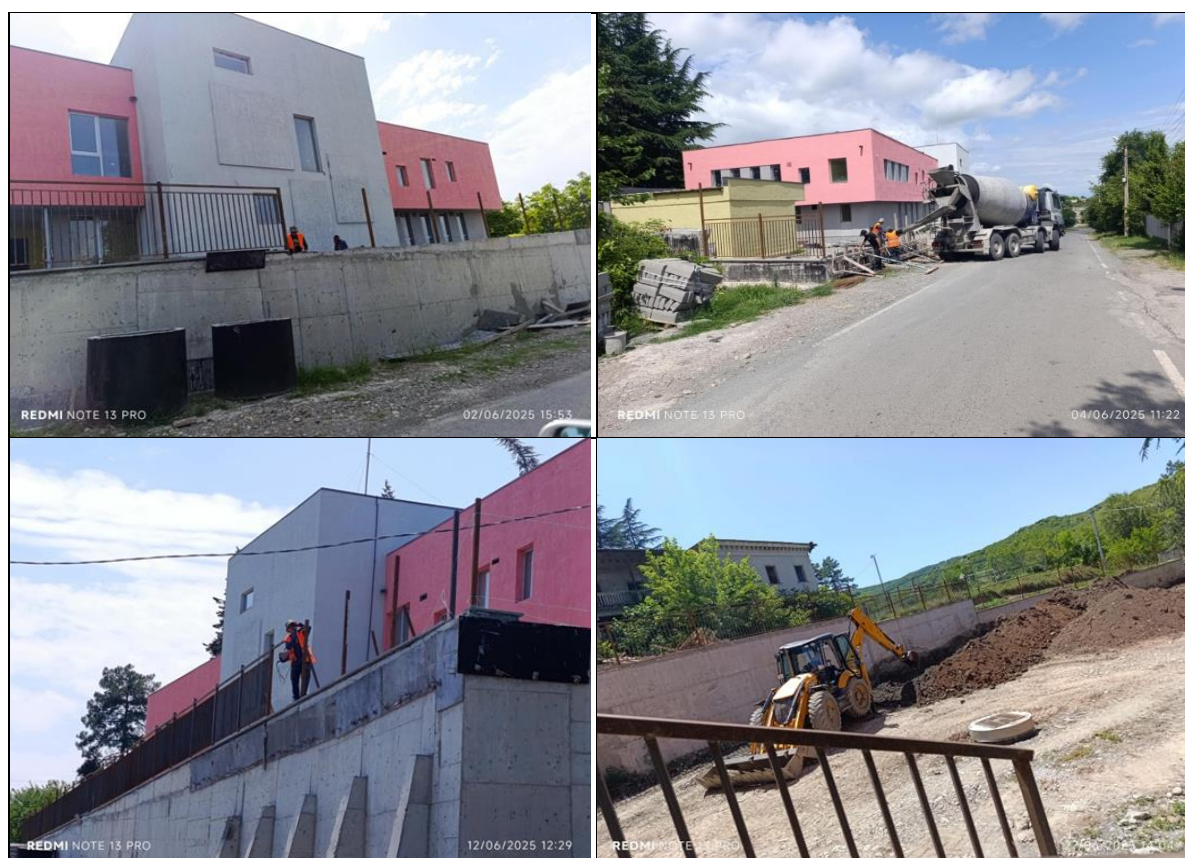


2.2.4 Construction of Kindergarten in Dzveli Anaga

Table 6 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Retaining walls	93
Arrangement of roof	99
Arrangement of fence	60
Arrangement boiler building	98
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	98
Arrangement of electrical facilities	88
Arrangement of heating, ventilation and air conditioning	85
Arrangement of Water Facilities	95
Attachment of internal engineering networks to external networks	95
Arrangements of floors	90
Painting Works	98
Arranging playgrounds and shades	0
Landscaping of territory	16

Figure 18 Photo materials reflecting the ongoing civil works



2.2.5 Construction of Kindergarten in Kvemo Bodbe

Table 7 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Retaining walls	99
Arrangement of roof	99
Arrangement of fence	80
Arrangement boiler building	85
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	98
Arrangement of electrical facilities	98
Arrangement of heating, ventilation and air conditioning	92
Arrangement of Water Facilities	95
Attachment of internal engineering networks to external networks	100
Arrangements of floors	40
Painting Works	100
Arranging playgrounds and shades	10
Landscaping of territory	50

Figure 19 Photo materials reflecting the ongoing civil works



2.2.6 Construction of Kindergarten in Chiauri

Table 8 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	98
Arrangement boiler building	99
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	99
Arrangement of electrical facilities	99
Arrangement of heating, ventilation and air conditioning	99
Arrangement of Water Facilities	98
Attachment of internal engineering networks to external networks	96
Arrangements of floors	100
Painting Works	90
Arranging playgrounds and shades	98
Landscaping of territory	91

Figure 20 Photo materials reflecting the ongoing civil works



2.2.7 Construction of Kindergarten in Kurdghelauri

Table 9 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass windows	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Evacuation stairs	100
Landscaping of territory	100

Figure 21 Photo materials reflecting the ongoing civil works



2.2.8 Construction of Kindergarten in Kutaisi

Table 10 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 22 Photo materials reflecting the ongoing civil works



2.2.9 Construction of Kindergarten in Supsa

Table 11 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100

Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 23 Photo materials reflecting the ongoing civil works



2.2.10 Construction of Kindergarten in Khajalia

Table 12 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 24 Photo materials reflecting the ongoing civil works



2.2.11 Construction of Kindergarten in Didi Chkoni

Table 13 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement of outdoor monolithic ramp and stairs	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Borehole	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 25 Photo materials reflecting the ongoing civil works

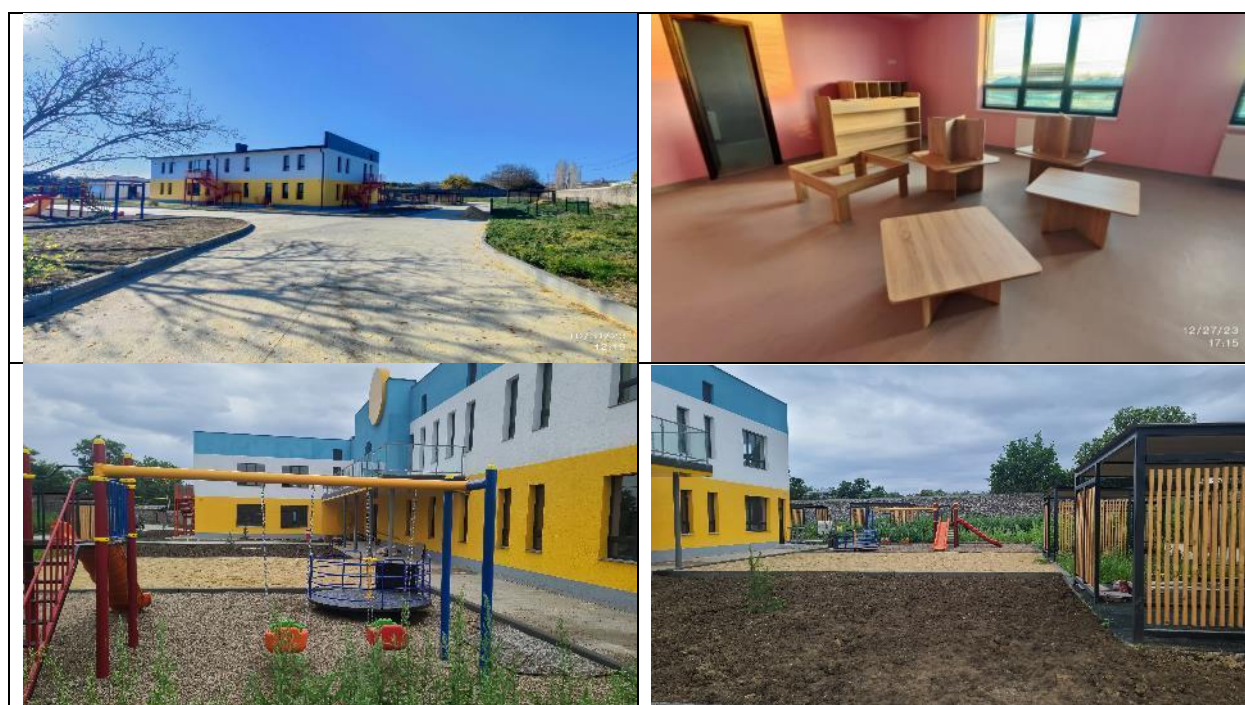


2.2.12 Construction of Kindergarten in Tsintskaro

Table 14 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
External Painting Works	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 26 Photo materials reflecting the ongoing civil works



2.2.13 Construction of Kindergarten in Vardisubani

Table 15 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 27 Photo materials reflecting the ongoing civil works



2.2.14 Construction of Kindergarten in Shamgona

Table 16 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 28 Photo materials reflecting the ongoing civil works



2.2.15 Construction of Kindergarten in Chabukiani

Table 17 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 29 Photo materials reflecting the ongoing civil works



2.2.16 Construction of Kindergarten in Bandza

Table 18 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement of outdoor monolithic ramp and stairs	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Borehole	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 30 Photo materials reflecting the ongoing civil works



2.2.17 Construction of Kindergarten in Chitatskari

Table 19 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 31 Photo materials reflecting the ongoing civil works



2.2.18 Construction of Kindergarten in Poti

Table 20 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Columns 2nd floor	100
Slab 2nd floor	100
Arrangement of roof	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Boiler, Fire water tank	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 32 Photo materials reflecting the ongoing civil works

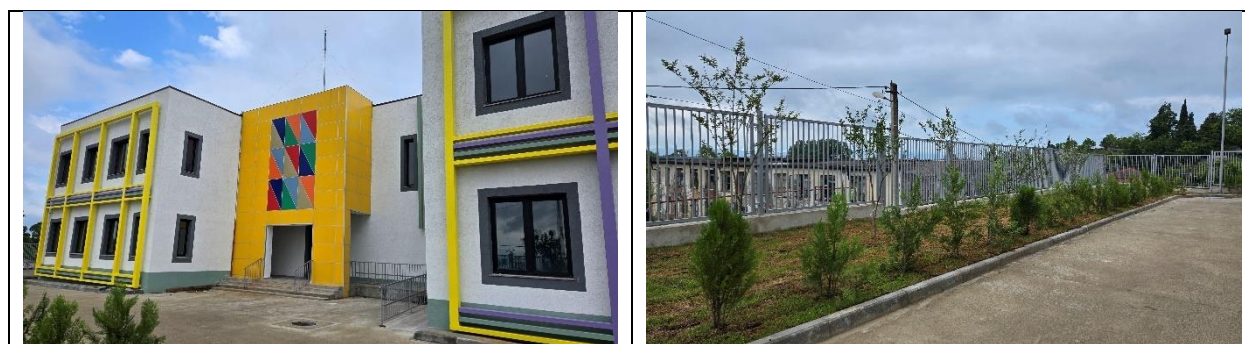


2.2.19 Construction of Kindergarten in Senaki

Table 21 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Retaining walls	100
Vertical structural works under level 0	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 33 Photo materials reflecting the ongoing civil works



2.2.20 Construction of Kindergarten in Rukhi

Table 22 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100

Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 34 Photo materials reflecting the ongoing civil works



2.2.21 Construction of Akhaltsikhe Sport Complex

Table 23 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	98
Arrangement of fence	85
Arrangement boiler building	60
Arrangement of outer walls 1st floor	100
Arrangement of the outer walls 2nd floor	100
Arrangement of internal walls and partitions	100
Internal Plastering works	100
Facade Paint	85
Arrangement of doors, windows, news, and stained-glass window	90

Arrangement of electrical facilities	90
Arrangement of heating, ventilation, and air conditioning	90
Arrangement of Water Facilities	60
Attachment of internal engineering networks to external networks	60
Arrangements of floors	85
Painting Works	90
Landscaping of territory	60

Figure 35 Photo materials reflecting the ongoing civil works



2.2.22 Construction of Kindergarten in Agara

Table 24 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of the outer walls 2nd floor	100
Arrangement of internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows, and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation, on and air conditioning	100

Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 36 Photo materials reflecting the ongoing civil works



2.2.23 Construction of Kindergarten in Partskhisi

Table 25 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 37 Photo materials reflecting the ongoing civil works



2.2.24 Construction of Kindergarten in Darcheli

Table 26 Construction activities and project progress during reporting period

Project Activities	Activities progress (%)
Earthworks	100
Arrangements of foundations	100
Structural works ground floor	100
Structural works 1st floor	100
Structural works 2nd floor	100
Arrangement of roof	100
Arrangement of fence	100
Arrangement boiler building	100
Arrangement of outer walls 1st floor	100
Arrangement of outer walls 2nd floor	100
Arrangement internal walls and partitions	100
Internal Plastering works	100
Facade Plastering	100
Arrangement of doors, windows and stained-glass window	100
Arrangement of electrical facilities	100
Arrangement of heating, ventilation and air conditioning	100
Arrangement of Water Facilities	100
Attachment of internal engineering networks to external networks	100
Arrangements of floors	100
Painting Works	100
Arranging playgrounds and shades	100
Landscaping of territory	100

Figure 38 Photo materials reflecting the ongoing civil works



2.2.25 Rehabilitation of the central Part of the Velistsikhe Village

81. The following works are underway in the reporting period:

- a. ***Rehabilitation of the first floor and Facades of the theatre***
 - i. Finishing of the territory and arrangement works for the roof with tin sheet were in progress. Removing of the formworks for stairs #1; Earthworks, arrangement of the grease trap.
 - ii. Arrangement first and second layers of the Linocrom on the soft; Arrangement of the drain network and pumice layer; Concreting of the retaining wall and taking the laboratory tests for concrete; Preparation works for the concreting of the Theatre's square; Horizontal planning of the territory; Plastering of the parts of façade, stained glass; Arrangement of the Basalt tiles on the stairs; and installation of Granit caps on the terrace were in progress.
- b. ***Administrative Building***
 - i. Treatment of the wooden materials of roof with anticorrosive and firefighting solution. Arrangement of the block columns and plastering/reinforcement of the western façade. Arrangement of the tin sheet for the roof was in progress, and installation of the aluminium door and windows; Plastering of the façades with mesh and measurement of volumes of the materials and executed works; Arrangement works of the boiler was in progress
- c. ***Rehabilitation work of Velistsikhe Park***
 - i. Plastering of the block partitions and reinforced wall in the multifunctional building; Cleaning of the path #2 and dismantling of the scaffolds in the Multifunctional building were in progress. Reinstatement activities; Finishing works of the children's square; Plumbing works of the multifunctional building and arrangement of the hydro insulation in the sanitary points; arrangement of the Basalt armature before concreting the floor.
 - ii. During the reporting period, the topsoil that had been temporarily removed during construction was reinstated and leveled. A variety of native and locally adapted tree and shrub species were selected for planting, taking into account the site's soil type, climate, and ecological conditions. Seedlings were manually planted in designated areas, using appropriate spacing and techniques to ensure optimal root establishment and long-term survival. Fencing and basic protective measures were installed around the newly planted zones to prevent accidental damage from machinery or livestock.
- d. ***Musical school Building #30***
 - i. Finishing of the façade with Granit tiles and arrangement of the Granit caps were in progress. Restoration of the internal walls; Boiler works – arrangement of the pipeline inside the boiler and façade works; Arrangement of the columns of the boiler; Arrangement of the concrete floor; measurement of the executed work's quantity; finishing of the territory and preparation of the drain channel's details; installation of the drain channels for the roof.
- e. ***Bus Station***

Installation of toilets and plumbing works; Arrangement works of the ramp and frame for the stained glass were in progress. Plastering of walls and Arrangement of the point foundation for the around of the treatment plant.

f. Waste Water Treatment Plant and Water Supply

- i. Arrangement of water supply with pipe D 125 and transportation of ground and asphalt; arrangement of water supply near park and transportation of ground and asphalt

CLUSTER II Buildings

g. Building #6

- i. Dismantling works; arrangement and concreting of the belt; framing of the main structure. Arrangement of formworks for the columns and then concreting of the columns. Finishing of facades; Concreting of the beam; Arrangement of the roof beams and finishing of openings on the façade;
- ii. Restoration works of the façade and arrangement of the brick wall in the basement were in progress. Arrangement of the point foundations and the balcony were in progress

h. Building #7

- i. Dismantling works were in progress. Reinforcement of the belt and arrangement of formworks; Reinforcement of the frontons and parapet; Concreting of the belt. Fencing of the territory and arrangement of the metal structure on the roof were in progress.

i. Building #8

- i. Dismantling of the roof and walls, also transportation of the construction waste. Arrangement of the frame for the belt reinforcement and according to the design dismantling the part of the existing building were in progress. Cleaning of the basement and entrance road were in progress, as well concreting of the belt was in progress.

j. Building #9

- i. Dismantling works were executed

k. Building #10

- i. Dismantling of the wall, earthworks and arrangement of the point foundation were in progress.

CLUSTER IV Buildings

Buildings #22

- i. Painting of the eastern façade was in progress.

CLUSTER V Buildings

Building #31

- i. Arrangement of monolithic reinforced concrete stairs at the basement entrance.

I. Building #38

- i. Arrangement of the metal door was in progress. Also, finishing of the façade with Alucobond and arrangement of the tin sheet on the roof were in progress.

CLUSTER VI Buildings

Building #44

- i. Arrangement of the formworks for the slab of balcony was in progress

CLUSTER VII Buildings

Buildings, #47 and #48,

- i. Installation of the drain channels details for the roof was in progress.

Building #57

- i. Installation of the fence doors was in progress

Building #58

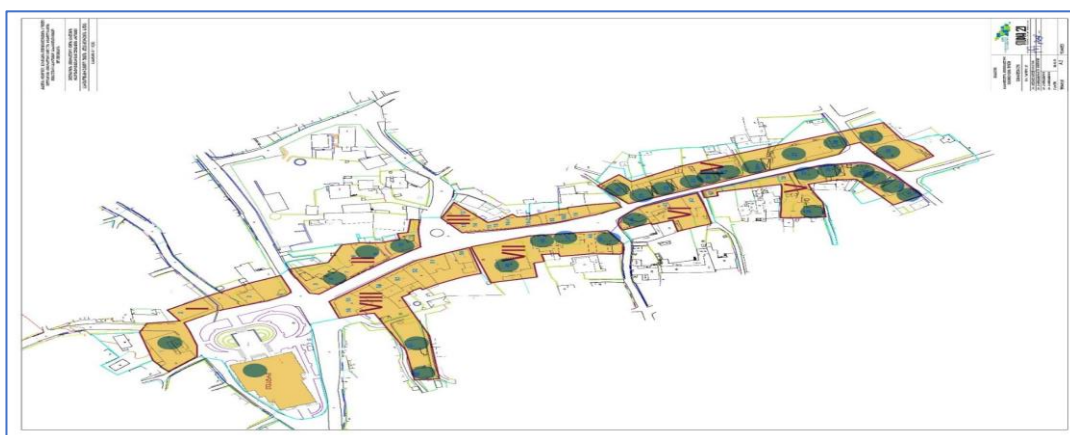
- i. Installation of the fence doors and Installation of the handrails of the balcony were in progress

Table 27 Construction activities and project progress during reporting period

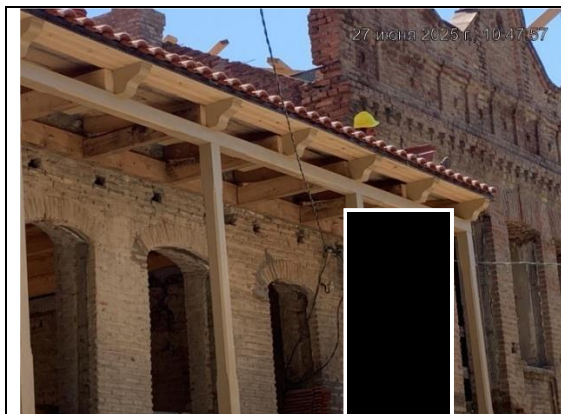
	Velistsikhe	Updated by 30/06/2025	%
	Subproject Name	Comments	
Cluster 01	Administrative Building	Ongoing	49.0%
	Building 02	Not Started	0.0%
	Building 03	Not Started	0.0%
	Small Park near 03	Not Started	0.0%
Cluster 02	Building 05	Not Started	0.0%
	Building 06	Ongoing	21.0%
	Building 07	Ongoing	4.0%
	Building 08	Ongoing	1.0%
	Building 09	Ongoing	11.0%
	Building 10	Ongoing	13.0%
Cluster 03	Building 11	Not Started	0.0%
	Building 12	Not Started	0.0%
	Building 13	Not Started	0.0%
	Building 14	Not Started	0.0%
	Building 15	Not Started	0.0%
	Building 16	Not Started	0.0%
	Building 16-1	Not Started	0.0%
	Building 16-2	Not Started	0.0%
	Building 16-3	Not Started	0.0%
	Building 17	Not Started	0.0%
	Building 18	Not Started	0.0%
	Building 18-1	Not Started	0.0%
	Building 19	Not Started	0.0%
Cluster 04	Building 20	Ongoing	93.0%
	Building 21	Ongoing	80.0%
	Building 22	Ongoing	92.0%

Cluster 05	Building 31	Ongoing	26.0%
	Building 32-33	Ongoing	78.0%
	Building 34	Ongoing	92.0%
	Building 35-36	Ongoing	76.0%
	Building 37-39	Ongoing	56.0%
	Building 38	Ongoing	89.0%
	Building 40	Ongoing	88.0%
	Building 41	Ongoing	50.0%
Cluster 06	Building 42	Not Started	0.0%
	Building 43	Ongoing	10.0%
	Building 44	Ongoing	29.0%
Cluster 07	Building 45	Ongoing	57.0%
	Building 46	Not Started	0.0%
	Building 47	Ongoing	92.0%
	Building 48	Ongoing	95.0%
	Building 49	Ongoing	86.5%
Cluster 08	Building 50	Not Started	0.0%
	Building 51	Not Started	0.0%
	Building 52-56	Not Started	0.0%
	Building 57	Ongoing	75.0%
	Building 58	Ongoing	68.0%
	BUS STATION	Ongoing	53.0%
	Central Park	Ongoing	74.0%
	Central street	Ongoing	31.5%
	Theatre	Ongoing	37.5%

Figure 39 Existing situation of the ongoing works and active works sites in the reporting period



Building #6



Building #7



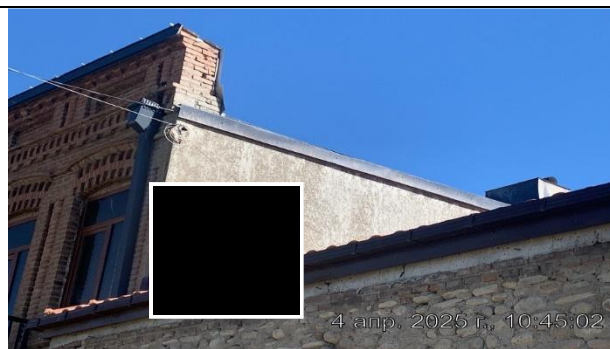
Building #8



Building #10



Building #20



Musical school #30



Building #31



Building #39



Building #44



Building #47



Building #57



Building #58



Administrative Building



Rehabilitation of first floor and facades of the theater



Rehabilitation work of Velistsikhe Park



Bus Station



2.2.26 Rehabilitation of Laghami District in Mestia settlement

Table 28 Construction activities and project progress during reporting period

Project locations	Status As of the end of June (Not Started, Ongoing, Completed)	%
Site Installation & Mobilization	Ongoing	80
Sector #9 – Building #025	Ongoing	5
Sector #9 – Building #026	Ongoing	7
Sector #9 – Building #027	Ongoing	8
Sector #9 – Building #028	Ongoing	8
Sector #9 – Building #029	Ongoing	6
Sector #9 – Building #030	Ongoing	7

Figure 40 Photo materials reflecting the ongoing civil works





Sector #9 – Building #027 Arrangement of foundation
Dated 23.06.2025



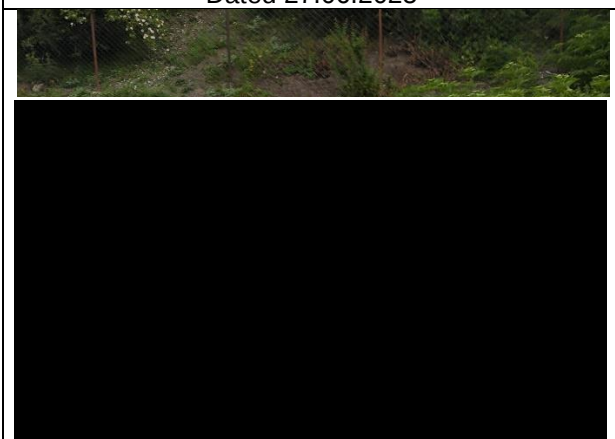
Sector #9 – Building #028 Finishing of the wall in the front façade with stone
Dated 23.06.2025



Sector #9 – Building #029 _Finishing of the wall in the front façade with stone
Dated 27.06.2025



Sector #9 – Building #030 _Arrangement of cement mortar on the Façade
Dated 25.06.2025



Asbestos-containing pipes securely double-wrapped in plastic sheeting and temporarily stored on a waterproof protective barrier prior to transport to a licensed hazardous waste facility.
Dated 27.06.2025

2.3 Description of any Changes to Project Design

i. Senaki Kindergarten

New Position - Windowsills, partition walls in WCs were not included. In order to comply with fire safety standards, evacuation doors have been added.

Due to the fact that the design did not include the heights of water and heating pipes, it became necessary to raise the floor level with sand and reinforce the sand cement with reinforcement mesh. For insulation of the building, rock wool has been replaced with XPS, more durable material.

Urinals and washbasin were increased as per the Design. BoQ did not contain the correct number of the devices.

Circuit breakers, phase dividers and cables were added according to the electrical project.

Voicing system - added a new project as per requirement of the emergency management service.

Circulation pump (Q=24m³; H20ø, 1.5kW), Circulation pump (Q=8m³; H10ø, 0.8kW), expansion tank (100lt, 10bar) was added as a new item based on project needs.

polypropylene aluminum reinforced pipes and their corresponding thermal insulation has been adjusted.

the arrangement of the fire pumping station, the internal insulation of the fire reservoir and arrangement of wall insulation the with XPS.

ii. Kurdghelauri Kindergarten

During the (redesign) period of the kindergarten, a number of works were identified that require the cost estimate volumes (decrease-increase) to be specified, as well as works not included in the cost estimate. Below are the changes caused by the increase-decrease in the volume of work, and addition of new items. The aforementioned changes were caused by the necessity to bring the project into compliance with Resolution 41, as well as the architectural or structural decisions proposed by the Contractor.

The main change in BoQ is caused by the measurements conducted on the site to specify the quantities. Moreover, a number of activities, which could not have been included in Variation #1 for technical reasons, were included as well. Reinforced concrete slab above the kitchen has been added; Facing with ceramic tile and handrails above the main entrance door, which makes extra area usable, has been added; In order to comply with the firefighting requirements, partition with fire-resistant door has been added; Alucobond material with structure, not included before, has been added for the façade decoration.

October 30, 2024 was defined as the new Completion Date.

iii. Zugdidi Sport Complex Last Variation (included the summary points):

1. Reinforcement of the structure of both pools, according to expert's conclusion.
2. Installation of special anti-slip tiles and a grid on the perimeter of both pools.
3. Construction of drain filter with submersible pumps around the building because high level of underground water.
4. Construction of evacuation and fire metal stairs, according to 112's request.
5. Additional electrical boards, breaker, cables, according to new electrical design linked with new facilities and installations.
6. Updated heating and cooling system design.
7. Installation of equipment for access control system to background sound and alarm.

8. Installation of new technologies for video surveillance, flat screen TV, video score board improved characteristics.
9. Adjustment of quantities and equipment in reference to a new ventilation design, adapted to the reality and functionality of the building.
10. This Variation Order includes all external buildings, such as boiler house, generator and transformer building, filtration building and tunnel with the main building, fire and drinking water reservoirs with pumping rooms, foundation slabs for chillers and AHUs (all the external buildings were missing or in the basement, which was technically impossible inside the building);
11. External water and sewage infrastructure to connect with main network.
12. Fence.
13. Greenery, external and internal.
14. Furniture for office and restaurants.
15. Lockers and bench in dressing rooms.
16. Rehabilitation of new road outside red lines.
17. Construction of drain channels with pumps in basement.
18. Cost of the electrical connection up to 800 KW according to the new consumption of the building and its facilities.

The modified design of the HVAC installations has been reviewed and approved by the accredited body for this purpose, PONTICA, under the Expert Conclusion # PH-5397/04.12.2024, dated 04.12.2024, which is attached to this change.

Costs and prices for new BoQ items are presented in calculations, reviewed and approved by the National Bureau of Experts, called Samkharauli, as per the Client's request. These calculations, along with the Expert's Conclusions, are included in the annex to this variation order:

#5001058625 dated 02/21/2025, #5001577525 dated 03/19/2025, #5001730325 dated 03/26/2025.

2.4 General Description of Environmental Safeguard Activities

82. Environmental safeguard activities are essential practices and measures aimed at protecting and preserving the environment from the potential adverse effects of various development projects. These activities are integrated into the planning, implementation, and operation phases of projects to ensure that environmental sustainability is maintained. The key objectives of environmental safeguard activities include the prevention, minimization, and mitigation of negative environmental impacts, as well as the enhancement of positive environmental outcomes.
83. Site supervision and inspections, along with the monitoring of construction activities' compliance, are crucial for ensuring the proper implementation of EMP/SSEMP requirements. The environmental management team from both Construction and Supervisor Companies conducts ongoing supervision and regular monitoring of the project's performance.
84. During the reporting period, the Environmental and Health & Safety (H&S) specialists from CSC ('Eptisa Servicios de Ingeniería S. L.') regularly visited project sites in both the eastern and western regions of Georgia to monitor environmental/H&S conditions and the implementation of mitigation measures.

85. During each site visit, if necessary, the environmental specialist prepares an Environmental Non-compliance and Instruction Reports and requests respective corrective action plans from the CC. The environmental specialists routinely make these visits to the project sites.
86. The supervisory consultant and the contractor work in close coordination. For instance, during the reporting period, both the supervisory and contractor team together discussed site waste management issues as well as concrete and oil spills.
87. The purpose of the visit and monitoring is to supervise the construction in terms of the health and safety, to identify all existing critical or non-critical violations and to work immediately on their elimination. Also, check and review all the necessary documentation required by the Georgian law in terms of the health and safety and check the conduct of training and toolboxes for the personnel in the terms required by the Georgian law.
88. During the period, Eptisa's supervision consultants in the health and safety department conducted inspections to monitor the status of safety measures during work activities. Their aim was to identify both positive (if present) and negative observations, non-conformities, near misses, and to check documents. They also provided recommendations to ensure compliance with project safety norms and requirements.
89. By integrating these activities into the project lifecycle, environmental safeguard activities help to promote sustainable development, protect natural resources, and ensure the well-being of communities and ecosystems.
90. Detailed information about the visits, findings, and mitigation measures are presented in the following chapters.

2.5 Site Inspections/Audits

91. Site inspections and audits are critical components of environmental safeguard activities. These processes involve systematic and thorough evaluations of project sites to ensure compliance with environmental regulations, standards, and best practices. The primary objective is to identify potential environmental issues, verify the effectiveness of mitigation measures, and ensure that the project adheres to its Environmental Management Plan (EMP).
92. Regular inspections and monitoring of the construction sites were conducted by environmental and Health & Safety (H&S) specialists from the Construction Companies (CCs) and the Construction Supervision Company (CSC) during the implementation of the civil works.
93. Supervisory consultants conduct daily inspections of the sites and weekly site visits to assess the situation on-site. Based on these visits, the contractor develops daily reports on ongoing environmental issues and weekly reports summarizing the site situation. All these reports are consolidated into monthly reports that are sent to the Implementing Agency (IA). In addition, the Construction Supervision Company (CSC) issues instruction reports and monitors their implementation by the contractor. If there are any non-compliances, non-compliance reports are issued by CSC.
94. The CSC prepares monthly progress reports (using checklists), which cover the implementation of the SSEMP and its sub-plans. These reports detail any discrepancies from the SSEMP and list all Health, Safety, and Environmental (HSE) relevant incidents and accidents that occur during implementation. Additionally, the company submits periodic reports based on monitoring data.
95. Information on environmental issues arising from construction activities was immediately brought to the attention of the Implementing Agency (IA). This was done to coordinate efforts and ensure the immediate mitigation of impacts, protection of the environment, and safeguarding of the health and welfare of local communities.

96. All Construction Companies (CCs) have engaged an Environment, Health, and Safety (EHS) staff member. These members ensured the effective implementation of the safeguard documents and obtained all the required environmental permits for project implementation within the reporting period. They also coordinated Environmental and Health & Safety (H&S) information between the Construction Supervision Company (CSC) and the Implementing Agency (IA), and implemented and supervised the monitoring programs as required by the Initial Environmental Examination (IEE).

2.6 Issues Tracking (Based on Non-Conformance Notices)

97. General non-compliances have been revealed during the reporting period:

- i. Site allocating of the signs and fencing from all sides;
- ii. Construction waste is not removed completely;
- iii. Oil spills are not removed from site;
- iv. Concrete spills management on site;
- v. Housekeeping issues required on site;
- vi. Do not cover construction material (sand) on the construction site;
- vii. Materials are not organized and spread over the site;
- viii. Absence of drip tray on the construction site.

Kindergartens, Sport-Complexes, Zugdidi Library, Velistsikhe rehabilitation, Laghami Rehabilitation.

98. The table below presents the significant findings and non-compliances revealed during the monitoring process in the reporting period (January-June, 2025).

Table 29 Significant findings and non-compliances revealed in the process of the monitoring during the reporting period.

N	Project	Significant Findings (Non-compliances)
1.	Kutaisi Swimming Pool	During the reporting period, the construction works had already been completed
2.	Zugdidi Sport Complex	During the reporting period, the construction works had already been completed
3.	Akhaltzikhe Sport Complex	- The sand/gravel is not covered; - Wooden waste is not stored properly.
4.	Rustavi Sport Complex	During the reporting period, the construction works had already been completed
5.	Kutaisi Kindergarten	During the reporting period, the construction works had already been completed
6.	Poti Kindergarten	During the reporting period, the construction works had already been completed
7.	Supsa Kindergarten	During the reporting period, the construction works had already been completed
8.	Khajalia kindergarten	During the reporting period, the construction works had already been completed
9.	Senaki Kindergarten	During the reporting period, the construction works had already been completed
10.	Dzveli Anaga Kindergarten	- Construction site is not arranged properly; - Bad housekeeping.

11.	Kvemo Bodbe Kindergarten	- Construction site is not arranged properly; - Wooden waste is not stored properly.
12.	Bandza Kindergarten	During the reporting period, the construction works had already been completed
13.	Didi Chkoni Kindergarten	During the reporting period, the construction works had already been completed
14.	Chiauri Kindergarten	Bad housekeeping
15.	Chabukiani Kindergarten	During the reporting period, the construction works had already been completed
16.	Chitatskari Kindergarten	During the reporting period, the construction works had already been completed
17.	Rukhi Kindergarten	During the reporting period, the construction works had already been completed
18.	Darcheli Kindergarten	During the reporting period, the construction works had already been completed
19.	Vardisubani Kindergarten	During the reporting period, the construction works had already been completed
20.	Shamgona Kindergarten	During the reporting period, the construction works had already been completed
21.	Kurdghelaui Kindergarten	During the reporting period, the construction works had already been completed
22.	Partskhisi Kindergarten	During the reporting period, the construction works had already been completed
23.	Tsintskaro Kindergarten	During the reporting period, the construction works had already been completed
24.	Agara Kindergarten	During the reporting period, the construction works had already been completed
25.	Velistsikhe Urban Upgrade	During the reporting period this area there was no significant non-compliance.
26.	Construction of the president Library and youth center in Zugdidi	During the reporting period, the construction works had already been completed

99. The table below provides the summary of issues tracking activities for the reporting period (January-June, 2025).

Table 30 Summary of Issues Tracking Activity for Current Period

N	Project	Total Number of Issues for Project	Number of Closed Issues	Percentage (%) Closed
1.	Akhaltsikhe Sport Complex	1	1	100
2.	Dzveli Anaga Kindergarten	2	1	50
3.	Kvemo Bodbe Kindergarten	2	1	50
4.	Chiauri Kindergarten	1	1	100
5.	Rehabilitation of Laghami District in Mestia Settlement (Initial Two Sectors)	33	7	24

Rehabilitation of Laghami District in Mestia Settlement (Initial Two Sectors).

100. The table below presents the significant findings and non-compliances revealed during the monitoring process in the reporting period (January-June, 2025).

Table 31 Significant findings and non-compliances revealed in the process of the monitoring during the reporting period.

N	Project	Significant Findings (Non-compliances)
1.	Rehabilitation of Laghami District in Mestia Settlement (Initial Two Sectors)	- Construction site is not arranged properly; - Wooden waste is not stored properly. - The sand/gravel is not covered.

101. The table below provides the summary of issues tracking activities for the reporting period (January-June, 2025).

Table 32 Summary of Issues Tracking Activity for Current Period

N	Project	Total Number of Issues for Project	Number of Closed Issues	Percentage (%) Closed
1.	Rehabilitation of Laghami District in Mestia Settlement (Initial Two Sectors)	33	7	24

Velistsikhe Urban Upgrade

102. For the Velistsikhe Urban Upgrade project, CC, CSC and IA have close coordination. This is reflected in daily, weekly, monthly reports of the Supervisory Consultants. In addition to that, SC regularly sends reports to construction companies. The instruction reports are timely responded by JV JAVA-INSI. If any major deviation occurs SC issues NCR reports. Within reporting period no NCR was issued to contractor.
103. During the reporting period, the most significant issues were related to housekeeping, prevention of concrete and oil spills, and material management. These matters were addressed regularly by the parties.
104. During the reporting period, seven instruction reports were issued to the contractor. The main issues addressed included housekeeping, waste management, and concrete and oil spills. These issues were communicated to the contractor on a daily and weekly basis and were addressed accordingly. The contractor regularly follows the instruction reports, resolves the identified problems, and submits corrective action reports to the supervisory consultant.

Table 33 Summary of Issues Tracking Activity for Current Period

Total Number of Issues for Project	
Number of Open Issues	none
Number of Closed Issues	All
Percentage Closed	100%

2.7 Unanticipated Environmental Impacts of Risks

105. There have been no unanticipated environmental impacts or deviations from the contract. the activities have been conducted mainly within the scope of the SSEMPs.

3 RESULTS OF ENVIRONMENTAL MONITORING

3.1 Overview of Monitoring Conducted during Current Period

Sport-Complexes and Kindergartens

106. IA requires the Construction Companies to implement construction activities in accordance with the environmental management plan, according to which SSEMP was developed.
107. Based on the EMP/SSEMP requirements, monitoring measures of projects includes construction site supervision, verification of permits, monitoring of compliance of the contractors' performance and specific monitoring of environmental impacts like noise, dust, soil contamination, landscape structure, construction waste, flora and fauna, water pollution, air emissions and etc. conducted by Contractor's environmental management specialists.
108. The results of all measurements conducted by the construction contractors, as required by the IEE/SSEMP plans, are clearly presented in Tables 8, 9, and 10.
109. As in the reporting period, the following environmental measurements were performed:
 - i. Conducted monitoring test for Vibration;
 - ii. Conducted monitoring test for Noise;
 - iii. Conducted monitoring test for Air quality;

Table 34 Environmental Qualitative Characteristics Measurements

N	Location/Project	Date	Location	Noise dBA	Vibration mm/sc	Dust	
						PM2.5 (µg/m3)	PM10 (µg/m3)
3	Akhaltsikhe Sport Complex	Baseline	N1 Location	49.7	<0.1	28	24
		27.03.2021	N2 Location	51.1	<0.1	42	44
		03.03.2023	N1 Location	47	<0.1	100	-
			N2 Location	48	<0.1	150	-
		27.04.2023	N1 Location	52	<0.1	12	24
			N2 Location	55	<0.1	14	23
		28.05.2023	N1 Location	46	<0.1	18	26
			N2 Location	50	<0.1	15	22
		06.06.2023	N1 Location	46	<0.1	10	27
			N2 Location	48	<0.1	18	32
		22.07.2023	N1 Location	57	0.2	7	16
			N2 Location	48	<0.1	9	15
		19.08.2023	N1 Location	59	0.1	8	15
			N2 Location	49	<0.1	9	17
		27.09.2023	N1 Location	52	<0.1	7	17
			N2 Location	49	<0.1	8	19
		22.10.2023	N1 Location	50	<0.1	8	19
			N2 Location	47	<0.1	7	20
		26.11.2023	N1 Location	49	<0.1	9	19
			N2 Location	48	<0.1	8	20
		26.12.2023	N1 Location	47	<0.1	8	17
			N2 Location	45	<0.1	10	19
		30.01.2024	N1 Location	47	<0.1	8	17
			N2 Location	45	<0.1	10	19
		26.02.2024	N1 Location	43	<0.1	8	17
			N2 Location	34	<0.1	10	18
		25.03.2024	N1 Location	43	<0.1	10	18
			N2 Location	47	<0.1	9	17
		22.04.2024	N1 Location	38	<0.1	20	28
			N2 Location	39	<0.1	21	17
		18.05.2024	N1 Location	29	<0.1	19	21
			N2 Location	35	<0.1	22	16
		29.06.2024	N1 Location	44	<0.1	9	19
			N2 Location	49	<0.1	8	18
		26.07.2024	N1 Location	46	<0.1	8	18
			N2 Location	48	<0.1	8	19
		26.08.2024	N1 Location	43	<0.1	8	17
			N2 Location	47	<0.1	8	18
		15.09.2024	N1 Location	50	<0.1	10	21
			N2 Location	46	<0.1	8	19
		23.10.2024	N1 Location	52	<0.1	11	20
			N2 Location	48	<0.1	9	17
		26.11.2024	N1 Location	47	<0.1	10	20
			N2 Location	46	<0.1	8	19
		15.12.2024	N1 Location	49	<0.1	9	19
			N2 Location	47	<0.1	10	18
		27.01.2025	N1 Location	51	<0.1	13	21

			N2 Location	38	<0.1	15	26
		22.02.2025	N1 Location	39	<0.1	19	24
			N2 Location	46	<0.1	18	23
		25.03.2025	N1 Location	41	<0.1	11	17
			N2 Location	33	<0.1	20	22
		21.04.2025	N1 Location	38	<0.1	21	19
			N2 Location	43	<0.1	19	28
		28.05.2025	N1 Location	39	<0.1	23	21
N2 Location	36		<0.1	18	16		
		29.06.2025	N1 Location	38	<0.1	17	22
			N2 Location	40	<0.1	19	20
10	Dzveli Anaga Kindergarten	Baseline 06.04.2021	N1 Location	48.27	0.23	4.25	8.25
			N2 Location	52	0.39	7	11.5
		04.04.2023	N1 Location	48.2	0.102	7	14
			N2 Location	48.27	<0.1	4.25	8.25
		25.02.2025	N1 Location	39	<0.1	27	32
			N2 Location	31	<0.1	22	19
		22.04.2025	N1 Location	33	<0.1	19	27
			N2 Location	24	<0.1	23	21
26.05.2025	N1 Location	28	<0.1	20	26		
	11	Kvemo Bodbe Kindergarten	Baseline	N1 Location	57.7	<0.1	21
N2 Location				39	<0.1	22	16
04.04.2023			N1 Location	26	<0.1	28	24
			N2 Location	21	<0.1	19	17
05.02.2025			N1 Location	19	<0.1	17	18
			N2 Location	23	<0.1	23	24
22.04.2025			N1 Location	28	<0.1	18	23
			N2 Location	31	<0.1	21	18
26.05.2025	N1 Location	39	<0.1	22	19		
	14	Chiauri Kindergarten	Baseline	N1 Location	41.4	0.24	4.5
N2 Location				54.3	0.23	9.75	14.5
04.04.2023			N1 Location	47.7	0.110	6	22
			N2 Location	24	<0.1	19	14
05.02.2025			N1 Location	19	<0.1	22	22
			N2 Location	22	<0.1	19	18
22.04.2025			N1 Location	23	<0.1	26	22
			N2 Location	18	<0.1	20	24
26.05.2025	N1 Location	21	<0.1	17	19		

Velistsikhe Urban Upgrade

110. The Construction Contractor (CC) is required to carry out construction activities in compliance with the project IEE, the Environmental Assessment and Review Framework, and the applicable legislation of Georgia, based on which the SEMP and its sub-plans were developed. During the reporting period, there was no requirement to update the SEMP document. However, the Soil Management Plan and Asbestos Waste Management Plan were updated by the contractor in January 2025. The contractor implemented construction activities in accordance with the approved project documents.
111. During the reporting period, the construction company conducted measurement activities only in April 2025, due to the overall low level of construction activity. The measurement locations were selected and approved by the Supervisory Consultant (SC). No further measurements were carried out, as construction activities on the Java/Insi side remained limited.

Figure 41 Measurement points in Velistsikhe Village³



Table 35 Velistsikhe Environmental Qualitative Characteristics Measurements
Environmental Qualitative Characteristics Measurements

³ Red- noise and vibration points, purple- air quality

112. Instrumental noise measurements were conducted on 30 April by the Scientific Research Firm Gamma between 10:00 and 18:00. Measurements were taken in areas near the central park, the theater, residential buildings, and the music house.

N	Location/Project	Date	Time	Noise (dBA)	Allowable limits (A-Weighted Decibels (dBA))		
					Lday 08:00 - 19:00	Levening 19:00 – 23:00	Lnight 23:00- 08:00
					50	45	40
1	In the vicinity of the Central Park X – 562603 Y – 4629280	30.04	10:00-18:00	49	Within permissible limits	-	-
2	In the vicinity of the Theater X – 562880 Y – 4628847	30.04	10:00-18:00	60	Exceeded	-	-
3	In the vicinity of the residential houses X – 562982 Y – 4628678	30.04	10:00-18:00	60	Exceeded	-	-
4	In the vicinity of the music house - X – 563033 Y – 4628559	30.04	10:00-18:00	60	Exceeded	-	-

113. The results indicate that permissible noise limits (50 dBA for daytime) were exceeded at three of the four monitoring locations. The only location that remained within the allowable limits was the area near the park.

114. The elevated readings in the theater, residential, and music house areas can be mainly caused by the following factors:

- I. Along with construction activities taking place near the theater and music house, it also serves as a communal gathering area and resulting in increased traffic and local public activities;
- II. In the vicinity of residential buildings, an additional noise source was identified - the operation of a diesel generator by the nearby “Gvirila” market, used to supply electricity, which significantly contributed to the overall noise levels.

115. These overlapping sources should be recognized as cumulative impacts, where several simultaneous activities increased the noise environment beyond permissible limits.

116. The Following noise mitigation measures were implemented by the contractor:

- i. Turn off vehicle engines or operate them at idle speed when not in use;
- ii. Maintain optimal operating speeds for construction machinery and vehicles, especially on unpaved roads;
- iii. A speed limit of 30 km/h is recommended within residential areas;
- iv. Schedule high-noise activities during less sensitive periods of the day.

117. Instrumental vibration measurements were conducted on 30 April by Scientific Research Firm Gamma between 10:00 and 18:00 in areas near the Central Park, the Theater, residential buildings, and the Music House.
118. The results show that vibration levels at all monitoring locations were significantly below the applicable limits. The maximum recorded vibration was 0.01 mm/sec, while the acceptable limit is 5–15 mm/sec for frequencies between 10–50 H.

Table 36 Vibration Measurement Results and Applicable Limits

N	Location	Date	Time	Vibration mm/sc	Applicable limits in accordance of the project IEE requirements
1	In the vicinity of the Central Park X – 562603 Y – 4629280	30.04.2025	10:00-18:00	0,01	5 - 15 mm/sec 10-50 h for frequencies
2	In the vicinity of the Theater X – 562880 Y – 4628847	30.04.2025	10:00-18:00	0,01	
3	In the vicinity of houses X – 562982 Y – 4628678	30.04.2025	10:00-18:00	0.01	
4	In the vicinity of the music house - X – 563033 Y – 4628559	30.04.2025	10:00-18:00	0,01	

119. The instrumental measurements of air quality have revealed that as shown in the table, a relatively high concentration of PM_{2.5} was recorded near the theater, primarily due to the movement of vehicles and machinery on the adjacent unpaved road.

Table 37 Dust Monitoring Results (PM2.5 and PM10)

N	Location	Date	Time	Dust PM2.5 (µg/m³)	Dust PM10 (µg/m³)	Applicable limits in accordance of the project IEE requirements
1	Central Park X – 562603 Y – 4629280	30.04.2025	11:30-18:00	20	29	25
2	Theater X – 562880 Y – 4628847	30.04.2025	11:30-18:00	30	46	50

120. In the study area, concentrations of gaseous pollutants (NO₂, NO, SO₂, and CO) were measured at the monitoring points listed in Table 36. Each measurement was conducted over a 30-minute period, and the highest single concentration recorded.
121. As shown among the measured parameters, only carbon monoxide (CO) concentrations were detected. CO was recorded exclusively in the vicinity of the theater, where intensive construction activities were ongoing. Additionally, this monitoring point is located in the central part of Velistsikhe village, an area characterized by high traffic.
122. Monitoring points presented in the table and concentrations of (CO, SO₂, NO₂, and NO) remain within the permissible as determined under project standards.

123. The concentration of carbon dioxide (CO₂) in the study area was assessed based on measurements taken at the monitoring points listed in Table below. Each measurement was conducted over a 30-minute period, and the maximum single concentration recorded.

124. It is evident that the measured CO₂ concentrations align closely with standards.

Table 38 Air Quality Measurement Results and Applicable Limits

	Description of Survey Points		The maximum allowable limits of pollutants in the ambient air of populated areas are µgr/m3.
	In the vicinity of the Central Park	In the vicinity of the Theater	
Coordinates	X – 562603 Y – 4629280	X – 562880 Y – 4628847	
NO ₂ µg/m ³	<0,1	<0,1	0,2
NO µg/m ³	<0,1	<0,1	0,4
SO ₂ µg/m ³	<0,5	<0,5	0,5
CO µg/m ³	<1,0	1,0	5

№	Description of Survey Points	Coordinates	CO ₂ -measurement results, ppm
1	In the vicinity of the Central Park	X – 562603 Y – 4629280	416
2	In the vicinity of the Theater	X – 562880 Y – 4628847	405
Reference data of CO ₂ content in the ambient air, ppm			350-450

125. The following mitigation measures were implemented by the contractor:

- i. Maintained optimal speeds for construction equipment and vehicles involved in ongoing works, particularly on unpaved roads. A speed limit of 30 km/h is recommended within residential areas.
- ii. Conducted regular watering of road surfaces to suppress dust resuspension.

Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

126. Considering the scope and nature of construction activities currently ongoing in Sector 9 (specifically within Buildings No. 025 to 030), the following instrumental environmental measurements were carried out in accordance with the monitoring requirements of the SSEMP:

- (i) Vibration monitoring
- (ii) Noise level measurements
- (iii) Ambient air quality monitoring

127. The locations of the measurement points were regularly selected in coordination with the Supervision Consultant, taking into account sensitive areas.

128. Sensitive receptors for Laghami Rehabilitation were identified based on the nature and location of the works. These receptors include both human and structural elements that are particularly vulnerable to noise, vibration, and other construction-related impacts.
129. This information is presented on the map (**Figure 43**).

Figure 42 Environmental instrumental monitoring points map



130. Results of qualitative characteristics measurement are provided in tables below.

Table 39 A. Noise Measurement Results and Applicable Limits

N	Location/Project	Date	Time	Noise dBA	Applicable limits (Georgian national regulations) ⁴
1	Near Building 029 / Sector 9	08.06.2025	14:30	65.7	50
2	Near Building 030 / Sector 9	08.06.2025	15:10	69.8	50
3	Construction Camp Area	08.06.2025	16:00	63.4	50

131. The instrumental measurements of noise level have revealed that all recorded values during the monitoring conducted on 8 June 2025 were within the applicable limits as defined by national regulations (50 dBA for construction activities).
132. The measured noise levels ranged from 63.4 dBA to 69.8 dBA across three monitoring locations:
- I. Near Building 029;
 - II. Near Building 030;
 - III. Construction Camp Area.
133. The recorded noise level of 65 dBA, although exceeding the nominal threshold of 50 dBA, was attributed exclusively to natural background conditions, specifically river flow and rainfall events occurring during the measurement period. Thus, the observed values do

⁴ Please refer to the Technical Regulation – specifically, the table provided in the Law on Norms of Acoustic Noise in the Premises and Surrounding Areas of Residential Buildings and Public/Institutional Facilities, which sets out 13 specific provisions. These provisions apply to territories that are directly adjacent to low-rise residential buildings (with a number of floors ≤6), medical institutions, as well as childcare and social service facilities.

not represent exceedances caused by construction activities, and compliance with the NVMP and Georgian environmental standards remains valid.

Table 40 B Vibration Measurement Results and Applicable Limits

N	Location	Date	Time	Vibration mm/SC	Applicable limits
1	Near Building 029 / Sector 9	08.06.2025	14:30	< 0.1	0.1
2	Near Building 030 / Sector 9	08.06.2025	15:10	< 0.1	0.1
3	Construction Camp Area	08.06.2025	16:00	< 0.1	0.4-0.5

134. The instrumental vibration monitoring conducted on 8 June 2025 confirmed that all recorded values remained significantly below the permissible limit of 0.089 mm/s, as established by the applicable Georgian regulations and referenced in the NVMP. These results indicate full compliance with national vibration standards and suggest that ongoing construction activities in the monitored area are not contributing to excessive vibration-related impacts.

135. At all three monitoring locations:

- I. Near Building 029;
- II. Near Building 030;
- III. Construction Camp Area.

136. Vibration levels recorded during the monitoring period were below 0.1 mm/s and effectively registered as 0.0 mm/s, indicating the absence of any perceptible ground motion at the monitored locations.

137. The results confirm that the ongoing construction activities did not pose any structural risk to nearby cultural heritage structures or residential properties. Accordingly, the Contractor remains in compliance with the vibration control thresholds and monitoring requirements specified under the EMP, SSEMP, and the NVMP.

Table 41 C - Air Quality Measurement Results and Applicable Limits

N	Location	Date	Time	Dust PM2.5 (µg/m³)	Dust PM10 (µg/m³)	Applicable limits
1	Near Building 029 / Sector 9	08.06.2025	14:30	0.035	0.098	25 / 50
2	Near Building 030 / Sector 9	08.06.2025	15:10	0.023	0.052	25 / 50
3	Construction Camp Area	08.06.2025	16:00	0.022	0.057	25 / 50

138. The instrumental measurements of air quality have revealed that all recorded concentrations of particulate matter (PM2.5 and PM10) were significantly below the applicable 24-hour average limits set by national and international standards (25 µg/m³ for PM2.5 and 50 µg/m³ for PM10).

139. Measurements were conducted on 8 June 2025 at three locations within the project area:

- I. Near Building 029;
- II. Near Building 030;

III. Construction Camp Area.

140. The measured values ranged as follows:

- PM2.5: from 0.022 to 0.035 µg/m³
- PM10: from 0.052 to 0.098 µg/m³

141. These results confirm that construction activities did not cause elevated dust concentrations during the monitoring period, and air quality remained within permissible limits, indicating compliance with the requirements of the IEE and SSEMP.

3.2 Material Resources Utilisation

142. The Table below provides data for the current reporting period of utilization of electricity, water, gas and fuel for all ongoing projects.

Table 42 Material Resources Utilisation (January – June 2025)

Contractor	Projects	Electricity (KVT)	Gas (M ³)	Water (M ³)	Fuel (L)
Arali LLC	Akhaltzikhe Sports Complex	12210	0	176	0
Saba Construction LLC	Zugdidi Sport Complex	9870	0	184	6510
Instal LLC	Dzveli Anaga Kindergarten	1201	0	19	175
	Kvemo Bodbe Kindergarten	1650	0	43	150
	Chiauri Kindergarten	970	0	35	240
	Senaki Kindergarten	1543	0	850	0
Java and Insi LLC	Velistskhe Upgrade	13152	0	505	21863
LLC “Mane Lux”	Rehabilitation of Laghami District	1200	0	60	460

3.3 Waste Management

3.3.1 Current Period

Sport-Complexes and Kindergartens

143. Construction works generate different type wastes: household, hazardous and construction waste.

144. Waste Management Plans are prepared by Constructing Companies (CC).

145. The Construction Companies collect hazardous waste at the temporary storage sites and pass it to the licensed operators having environmental permit on operation of the hazardous wastes. Household waste is collected in special waste containers and periodically disposed of by local Municipal Service on a contractual basis. Hazardous waste area is well established with concrete ground, roofing.

146. Construction waste is accumulated on construction sites in special isolated areas divided by hazardous, domestic and construction waste. Construction Company has signed a contract with the companies for waste removal. The Table below indicates the approximate amount of waste generated in the reporting period (January - June 2025).

Table 43 Waste Generated

N	Project	Waste	Quantity of waste generated	Final disposal sites for waste
1.	Senaki Kindergarten	Mixed municipal waste	10 t	Disposed at the municipal waste landfill
		Hazardous waste	0	Disposed at the proper organized temporary storage area
		Inert waste	2 t	Disposed at the proper organized temporary storage area
2.	Zugdidi Sport Complex	Mixed municipal waste	1.5 t	Disposed at the municipal waste landfill
		Hazardous waste	0.03 t	The task of final neutralization was entrusted to the certified organization "Sanitary" LLC, renowned for its expertise in this domain.
		Inert waste	16 t	Disposed at the "Solid Waste Management Company" 's landfill
3.	Dzveli Anaga Kindergarten	Mixed municipal waste	0.5 t	Disposed at the municipal waste landfill
		Hazardous waste	0	Disposed at the proper organized temporary storage area
		Inert waste	0	Disposed at the construction territory for backfilling purposes
4.	Kvemo Bodbe Kindergarten	Mixed municipal waste	0.2 t	Disposed at the municipal waste landfill
		Hazardous waste	0	Disposed at the proper organized temporary storage area
		Inert waste	0	Disposed at the construction territory for backfilling purposes
5.	Chiauri Kindergarten	Mixed municipal waste	0.1 t	Disposed at the municipal waste landfill
		Hazardous waste	0	Disposed at the proper organized temporary storage area
		Inert waste	0	Disposed at the construction territory for backfilling purposes
6.	Akhaltsikhe Sport Complex	Mixed municipal waste	0.8 t	Disposed at the municipal waste landfill
		Hazardous waste	0	Disposed at the proper organized temporary storage area
		Inert waste	0	Disposed at the construction territory for backfilling purposes

Velistsikhe Urban Upgrade Project**Table 44 Generated Waste in the reporting period in Velistsikhe**

Type of Waste (description and classification – e.g., hazardous – non-hazardous)	Waste Source – what activity generated the waste and where	Quantity of waste generated	Final disposal sites for waste
Excavated Soil	Excavated activities	839m ³	Mukuzani land plot
Construction and demolition	Excavation activities	206m ³	Lagodekhi municipal landfill
Asbestos waste	Waste generated	0	Sanitary Ltd.

147. Construction activities generate various types of waste, including household waste, hazardous waste (such as asbestos-containing materials), and construction waste.
148. The Waste Management Plan was prepared by the Construction Contractor (CC) and approved by the Ministry of Environmental Protection and Agriculture. The plan was updated in January 2025 and reapproved by the Ministry.
149. Hazardous waste is temporarily stored at a designated storage site near the bus station. Upon completion of works, the CC transfers the waste to a licensed operator, "Sanitary" Ltd, which holds an environmental permit for hazardous waste management.
150. Contracts have been signed between the CC and the Solid Waste Management Company of Georgia Ltd for the disposal of both hazardous and construction waste.
151. Household waste is collected in designated containers and periodically removed by the local municipal service under a contractual agreement.
152. Construction waste is segregated and stored on-site in specially designated and isolated areas, categorized by hazardous, household, and construction waste types.
153. Project Asbestos Management Plan was updated in January 2025. The established approach to asbestos management encompasses:
 - i. Conducting routine asbestos material inspections;
 - ii. Utilizing trained personnel for the safe handling and removal of asbestos;
 - iii. Properly segregating asbestos waste from other construction debris;
 - iv. Securely packaging asbestos waste to prevent fiber release;
 - v. Maintaining detailed records.
154. These measures ensure full compliance with regulatory requirements and reflect a strong commitment to responsible and environmentally sound asbestos management, protecting both workers and the surrounding community.

Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

155. During project implementation, the following type of waste are anticipated: mixed household waste, hazardous waste, including asbestos-containing materials (ACMs) such as broken roofing sheets and pipes, as well as used PPE, inert construction waste (stone, plaster, wood, bricks), excess excavated soil from minor excavation activities, and packaging waste (cement bags, plastic sheets, wooden pallets).
156. Lubricants or oils are not expected to be generated on-site during the current reporting period, as heavy equipment servicing or refueling activities were not conducted within the project area.
157. All waste management activities are carried out strictly in accordance with the WMP, which has received formal approval from the Ministry of Environmental Protection and Agriculture of Georgia.
158. Hazardous waste is collected by the CC in clearly labeled and sealed containers and temporarily stored in a designated storage area within the construction camp. While infrastructure improvements, including roofing and concrete foundation installation, are ongoing, the designated area is actively used for the interim containment of hazardous materials.
159. Upon accumulating sufficient quantities, hazardous waste will be transferred to Ltd. Sanitary, a licensed waste management operator holding a valid environmental permit for the collection, transportation, and disposal of hazardous waste, in line with Georgian environmental legislation.
160. Currently stored hazardous waste includes ACMs, used PPE, and paint-contaminated containers. The handling, labeling, and interim storage of these materials are managed

under direct supervision by the CC's environmental specialists, ensuring full compliance with the requirements outlined in the SSEMP.

Table 45 Generated Waste during the (January - June 2025) Reporting Period

No	Waste code	Waste name	Hazardous (Yes/No)	Quantity of waste generated	Unit of Measurement	Waste Management and Disposal Approach
1	20 03 01	Mixed municipal waste	No	150	kg	In Designated Waste Bins Allocated by the Municipality in Accordance with the Agreement
2	17 06 05*	Asbestos-containing construction materials	Yes	0.3	Ton	Temporary Storage Area for Hazardous Waste Located at the Contractor's Temporary Base
3	17 09 04	Inert waste	No	5	m3	Temporarily Stored Around the Perimeters of Construction Sites
4	17 05 03*	Soil and stones include hazardous substances	Yes	The response depends on the volume and spatial extent of the hazardous substance spillage	Ton	-
5	08 01 11*	Waste paint and varnish containing organic solvents or other hazardous substances	Yes	0	kg	-
6	15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, and protective clothing contaminated by hazardous substances	Yes	20	kg	Temporary Storage Area for Hazardous Waste Located at the Contractor's Temporary Base

4 HEALTH AND SAFETY

4.1 Executive Summary

161. The Purpose of the Semi-Annual Health and Safety Report is to summarize site Condition while work Activities from health and safety point of view and how effectively managed in last 6 months of (January – June 2025) and its intentions with regards to plans.
162. The report aims to provide an overview of management arrangements and give assurance on adequacy of health and safety measures; it sets out key control measures and system in place in order to describe the participants approach to minimizing risk and ensuring compliance.
163. It reviews activities taken place over the period and has been updated to reflect our strategic directions.

4.2 Projects overview

164. During the period SCS's health and safety department conducted inspection of below listed sites; purpose of site visit is to monitor status of safety measures while work activities, detect good (in case they are) and bad observations, non-conformities, near misses, check documents and give recommendations in order to full fill project, safety norms and requirements.

Table 46 Projects Overview

#	Project	Contractor	Status
1	Senaki Kindergarten	Prime Beton	Ongoing
2	Construction of Sport Complex in Akhaltsikhe	Arali	Ongoing
3	Velistikhe - Construction processes at public spaces (Bus station; Music school; Theater; administration building and Park)	LTD ISNI AND LTD JAVA	Ongoing
4	Construction of Kindergarten in Dzveli Anaga	Install	Ongoing
5	Construction of Kindergarten in Chiauri	Install	Ongoing
6	Construction of Kindergarten in Bodbe	Install	Ongoing
7	Mestia - Contract No: LCIP/CW/017-1-2024	Mane luxe LTD	Ingoing

4.2.1 Status of all Projects within the given reporting period

Construction of Kindergarten in Senaki

165. Conducted Site visits within the given reporting period – 12.02.2025; 25.03.2025; 06.05.2025

166. Certified safety specialist on site – Certified HS specialist is assigned for the project (Certificate of HS below).



Table 47 Contractor’s Key submittals

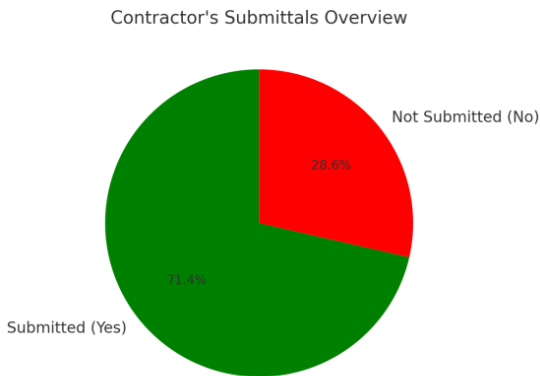
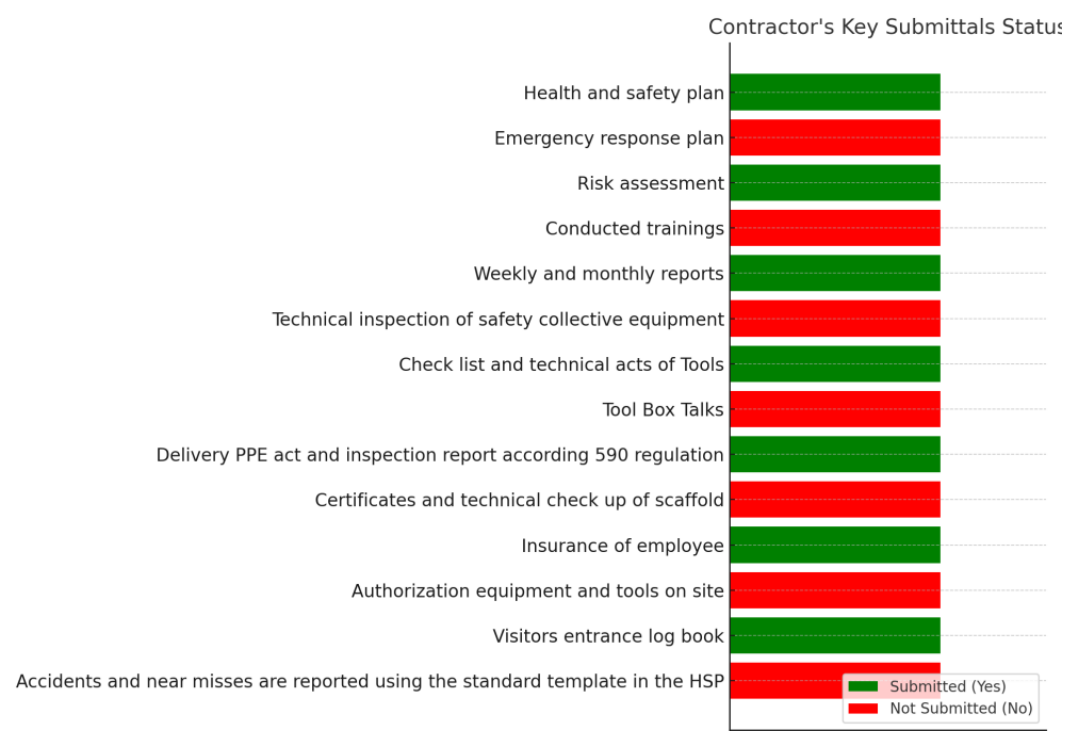
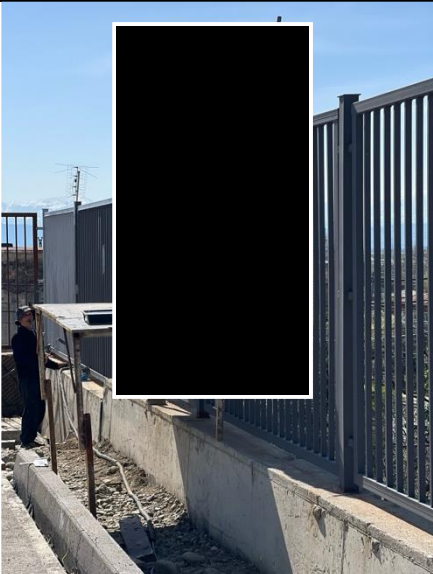
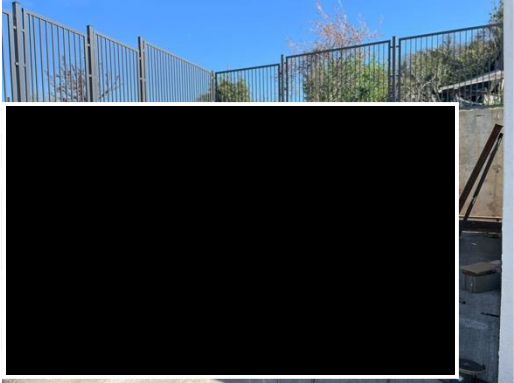
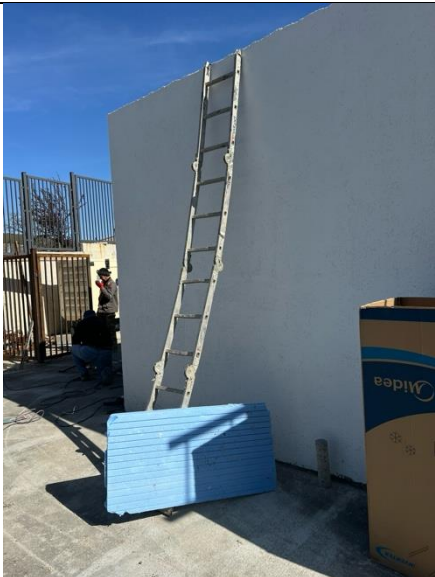


Table 48 Detected non conformities with remedial actions and before/ after photos

Nonconformities	Remedial Actions
Third party access - contractor installed final fencing only after construction activities were completed; During the work the non-conformity remained open;	Status: (open, in progress, closed) - Closed
	
Open manholes - contractor Covered manholes only after construction activities were completed;	During the work the non-conformity remained open; Status: (open, in progress, closed) - Closed
	
Self-made platform in critical zone - contractor rectified only after construction activities were completed;	Status: (open, in progress, closed) - Closed During the work the non-conformity remained open;
	

Lack of PPE - During the work stage there was lack of PPE;	Status: (open, in progress, closed) - Closed
	
Use of Self-made ladder on construction site - Non conformity closed when construction activities were completed during the work stage contractor was using self-made ladders and platforms on site	Status: (open, in progress, closed) - Closed
	
Unsafe electrical cables and tools - Non conformity closed when construction activities were completed;	Status: (open, in progress, closed) - Closed
	

Summary of Findings

Total Nonconformities: 6 Units

High-Risk Issues: High
Action taken - No

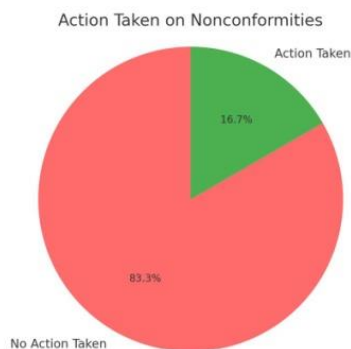


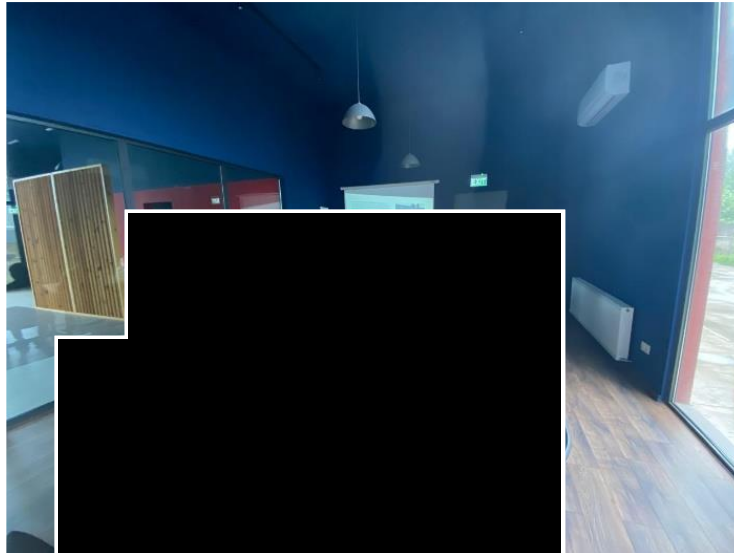
Table 49 Conducted trainings

Description	Dates
- PPE (Personal Protective equipment) and its usage - Portable powered tools and its safe usage - Hand tools and its safe usage - Works at height and its safety requirements	28.01.2025
- Portable powered tools and its safe usage - PPE (Personal Protective equipment) and its usage - Works at height and its safety requirements - Ladder and its safe usage - General safety rules	05.02.2025
- PPE (Personal Protective equipment) and its usage - Portable powered tools and its safe usage - Hand tools and its safe usage	14.03.2025
- Hot works – welding and its safety requirements - Portable powered tools and its safe usage - PPE (Personal Protective equipment) and its usage	17.03.2025
- Portable powered tools and its safe usage - Hand tools and its safe usage - General safety rules	08.04.2025
- Electricity, electrical hazards and safety requirements - Portable powered tools and its safe usage - Hand tools and its safe usage - General safety rules	09.04.2025

- Electricity, electrical hazards and safety requirements
- Portable powered tools and its safe usage
- Hand tools and its safe usage
- General safety rules

15.05.2025

Figure 43 Training photos



Construction of Sport Complex in Akhaltsikhe

167. Conducted Site visits – 11.02.2025; 20.03.2025; 16.05.2025; 27.06.2025

168. Certified safety specialist on site – Certified HS specialist is assigned for the project (certificate of HS Specialist below).



Table 50 Contractor's Key submittals



Contractor's Submittals Overview - FINAL

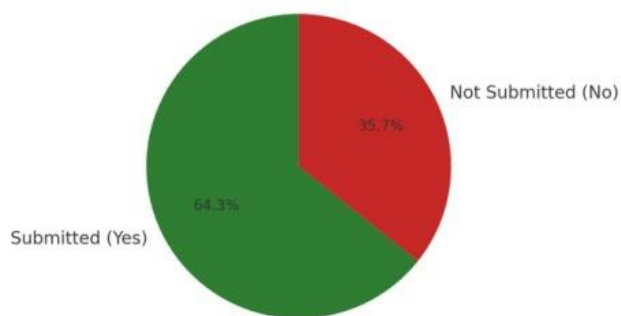


Table 51 Detected non conformities with remedial actions and before/ after photos

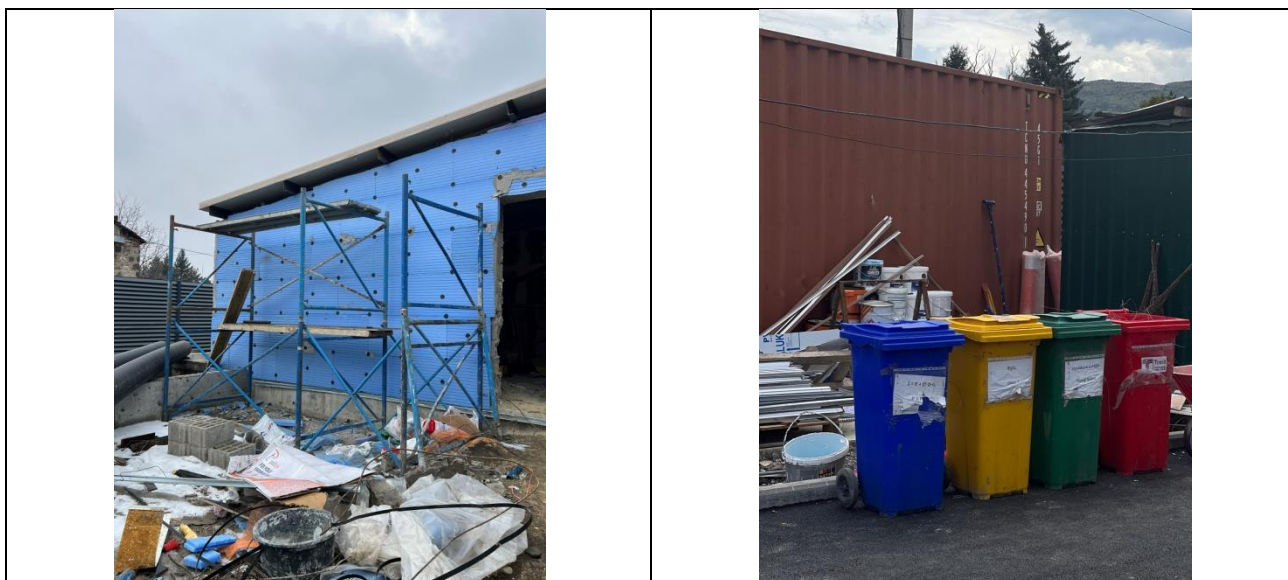
Detected non conformities	Remedial actions
Missing safety barriers, open slab detected	Non conformity is closed as main construction activities are completed; Status: (open, in progress, closed) - closed

	
Not protected surface for scaffold, therefore scaffold is not assembled properly, high risk to fall	Non conformity is closed as main construction activities are completed; Status: (open, in progress, closed) - Closed
	
Critical practice of Using on construction self-made “scaffolds” and not full set of assembled scaffolds	Status: (open, in progress, closed) - Closed - Non conformity closed when construction activities were completed during the work stage contractor was using self-made ladders and platforms on site; activities are completed

	
Lack of PPE -	Non conformity is still remains open Status: (open, in progress, closed) - Open
	
Unsafe electrical cables and tools	Non conformity Is closed when construction activities were completed Status: (open, in progress, closed) - Closed

	
Missing safety signs for hazardous zone	Status: (open, In progress, closed) - Closed
	
Open trenches	Status: (open, in progress, closed) - Closed - Non conformity is closed as contractor backfilled trench;

	
Critical practice of working on height - No action taken from safety specialist No trainings submitted; no documents submitted; Non conformity is closed	Status: (open, in progress, closed) - Closed
	
Lack of general site clearance and self-made scaffold	Status: (open, in progress, closed) - In progress



Summary of Findings

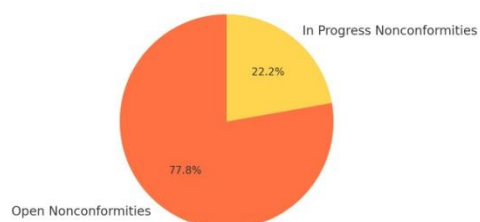
Total Nonconformities: 9 Units

High-Risk Issues: High

Open non conformities 7; 2 non-conformities in progress

Action taken – No

Status of Nonconformities



Urban Upgrade of Velistsikhe – Construction processes at public spaces (Bus station; Music school; Theater; administration building and Park)

169. Conducted Site visits – 27.02.2025; 18.03.2025; 17.04.2025; 15.05.2025; 18.05.2025; 27.06.2025
170. Certified safety specialist on site – Certified HS specialist is assigned for the project (Certificate of HS specialist below).



Table 52 Contractor's Key submittals



Contractor's Submittals Overview – FINAL

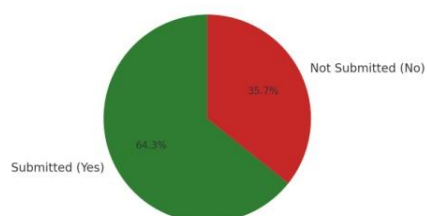
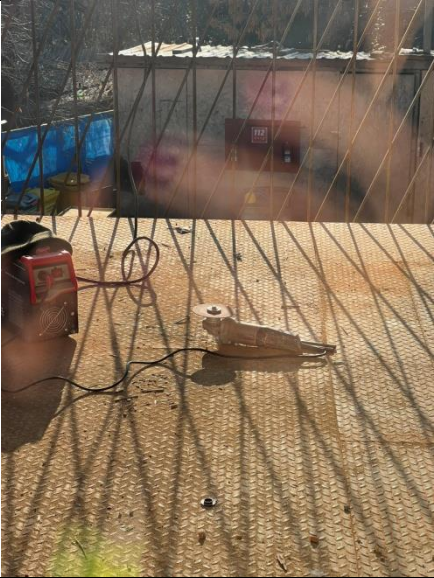


Table 53 Detected non conformities and Remedial Actions with before/ after photos

Musical School

Detected non conformities	Remedial Actions
Risk to fall - self-made platform; (2) not isolated hazardous zones, (3) No safe barriers not according 477 regulations, risk to fall (4) missing relevant signs;	Status: (open, in progress, closed) - Closed - on conformity is closed contractor rectified the issues within a in reasonable deadline
	
	
	
Technical act of lifting equipment needs to be submitted; - still not submitted - Non conformity is still Closed -	Contractor submitted requested document Status: (open, in progress, closed) - Closed

	ბეტონის მოსაზღვლი (ბაიოკი) შემოწმების აქტი მისაუბრების თარიღი: 07.05.2025 მოხდების ადგილმდებარეობა: <u>გორის რაიონის სოფ. მწვერვალი</u> <table><tr><th>N</th><th>შეამოწმების</th><th>დიაგ</th><th>პრა</th><th>შეამოწმ.</th></tr><tr><td>1.</td><td>ფორმირების დასრულებულია თუ არა დაზიანება რაზე დაზიანება?</td><td>✓</td><td></td><td></td></tr><tr><td>2.</td><td>არის თუ არა შედეგების საზღვარები, ზღვარების სტანდარტების შესაბამისად?</td><td>✓</td><td></td><td></td></tr><tr><td>3.</td><td>აქტი აღწერა რაიმე დაზიანებას, სასაბულო კავშირი მდებარეობს?</td><td>✓</td><td></td><td></td></tr><tr><td>4.</td><td>არის თუ არა ტერმინების განმარტების ადგილი მგომარეობაში? შეამოწმა რაიმე შედეგები?</td><td>✓</td><td></td><td></td></tr><tr><td>5.</td><td>აქტი აღწერა კონსტრუქციის დამზადება?</td><td></td><td>✓</td><td></td></tr></table> მისაუბრების განმარტების დამატებითი საშუალებები/კვანძები:	N	შეამოწმების	დიაგ	პრა	შეამოწმ.	1.	ფორმირების დასრულებულია თუ არა დაზიანება რაზე დაზიანება?	✓			2.	არის თუ არა შედეგების საზღვარები, ზღვარების სტანდარტების შესაბამისად?	✓			3.	აქტი აღწერა რაიმე დაზიანებას, სასაბულო კავშირი მდებარეობს?	✓			4.	არის თუ არა ტერმინების განმარტების ადგილი მგომარეობაში? შეამოწმა რაიმე შედეგები?	✓			5.	აქტი აღწერა კონსტრუქციის დამზადება?		✓	
N	შეამოწმების	დიაგ	პრა	შეამოწმ.																											
1.	ფორმირების დასრულებულია თუ არა დაზიანება რაზე დაზიანება?	✓																													
2.	არის თუ არა შედეგების საზღვარები, ზღვარების სტანდარტების შესაბამისად?	✓																													
3.	აქტი აღწერა რაიმე დაზიანებას, სასაბულო კავშირი მდებარეობს?	✓																													
4.	არის თუ არა ტერმინების განმარტების ადგილი მგომარეობაში? შეამოწმა რაიმე შედეგები?	✓																													
5.	აქტი აღწერა კონსტრუქციის დამზადება?		✓																												
Critical practice of working on height - Non conformity is closed;	contractor rectified the issue within the reasonable deadline Status: (open, in progress, closed) - Closed																														
																															
Description of non-conformity and status: Bad practice of using electrical tools	Status: (open, in progress, closed) - Closed																														

	
The scaffold is incomplete due to missing components and is not fully assembled. Additionally, the ladder used is unsafe as it is too short for the specified location — two steps are missing.	Status: (open, in progress, closed) - In progress
	
Description of non-conformity and status: Employees are working at height without any form of support. None of them are using safety harnesses, and a lifeline is missing	Non conformity is closed, contractor equip site and personnel with lifeline and safety harness; Status: (open, in progress, closed) - Closed



Rehabilitation of residential buildings

: Critical practice of working on height - missing barriers according 477 regulation and relevant sings; hazardous zone is not isolated ;	Status: (open, in progress, closed) - Closed
	
Construction site is not fenced;	Non conformity is rectified in reasonable deadline; Status: (open, in progress, closed) - Closed



Open and not supported trenches

- Non conformity is rectified in reasonable deadline;
Status: (open, in progress, closed) - **Closed**





Construction of Administrative Building

Detected non conformities	Remedial Actions
Not supported slab, safety barriers are fixed not according 477 regulations	Non conformity Is closed within is reasonable deadline Status: (open, in progress, closed) - Closed
	
	

Life sell was not supported and floored	Non conformity is rectified within in reasonable deadline Status: (open, In progress, closed) - Closed
	
Scaffold is not assembled properly (1) submit act of competent person for scaffolding and certificate of scaffold	Non conformity is still open Status: (open, In progress, closed) - Open
	
Self-made “platform” and ladder detected – non conformity Is still remains open	Status: (open, In progress, closed) - Open



Rehabilitation of Theatre

Detected non conformities	Remedial Actions
Self-made “platform” and ladder detected – non conformity Is still remains open;	Status: (open, In progress, closed) - In progress
	
Material is located at the edge of the slope not safe – risk of fall and body damage on employee Non conformity Is still remains open	Status: (open, In progress, closed) - In progress
	
Safety barriers are not according 477 regulations; vertical poles are not according regulation; and	Status: (open, In progress, closed) - Closed

barriers itself are not fixed properly; – non conformity Is closed



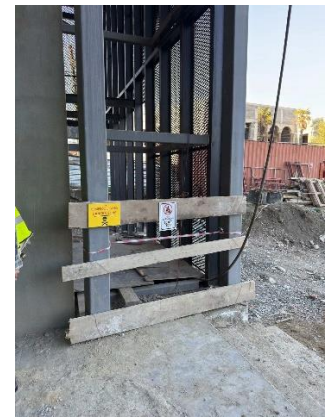
Lift sell is not fenced and marked according 477 regulation sub clause 15;



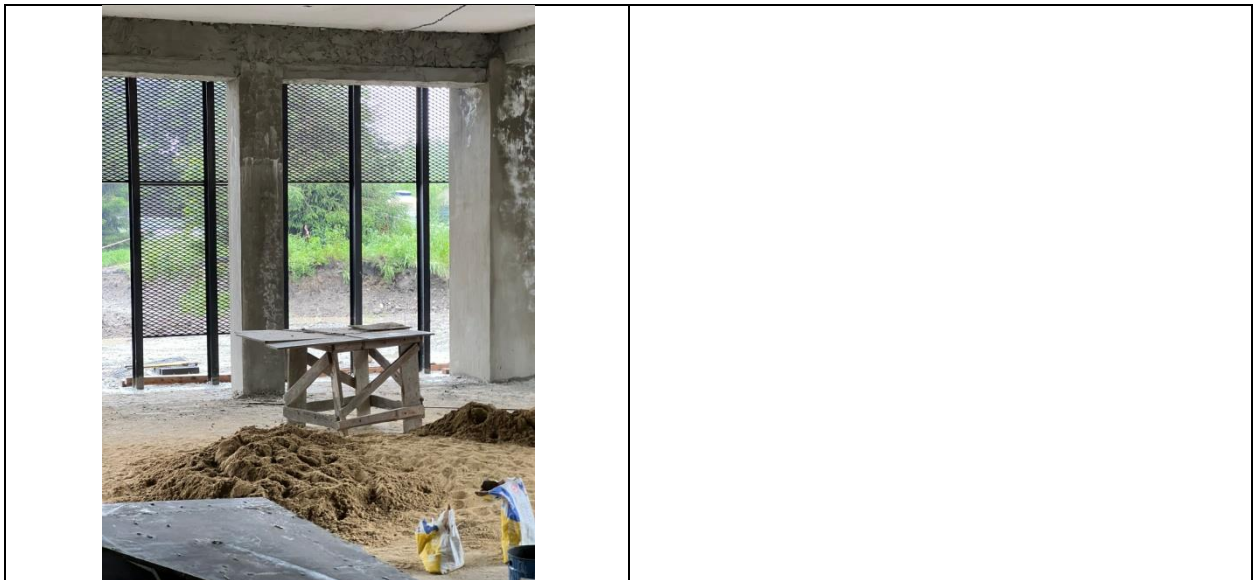
Self-made collective equipment detected



Status: (open, In progress, closed) - **Closed**



Status: (open, In progress, closed) - **In progress**



Summary of Findings

Total Nonconformities: 18 Units

High-Risk Issues: High

Open non conformities 2; 3 unit in progress 11 non-conformities are Closed

Action taken – yes

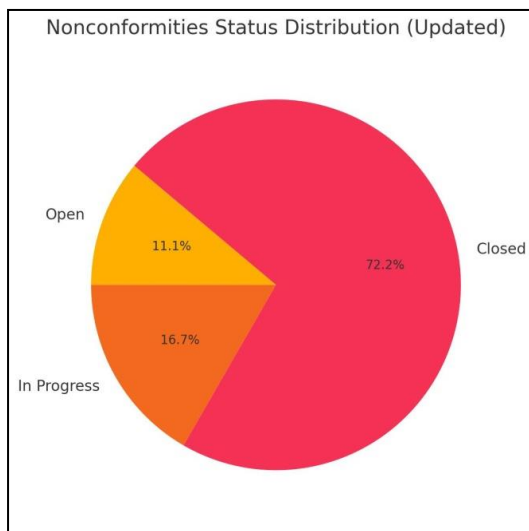


Table 54 Conducted trainings

Description	Dates
General safety	12.02.2025
Action plan within emergency location	04.03.2025
Electric welder instruction	07.03.2025
general instructions	10.03.2025

Scaffolding instruction	15.03.2025
Excavation Safety Instruction	05.04.2025
general instructions	05.04.2025
Trenching / shattering and shoring	05.05.2025
Check list of special equipment condition - UPD	04.06.2025
Checklist of hand and electric power tools	06.06.2025
General instructions for the unknown persons in the territory	13.06.2025
Primary instruction	22.06.2025

Training photos



Construction of Kindergarten in Kvemo Bodbe

171. Conducted Site visits – 25.02.2025; 13.03.2025; 23.04.2025; 25.05.2025; 27.06.2025

172. Certified safety specialist on site – No Certified HS specialist on site

173. Contractor's Key submittals – No updated documents submitted

Table 55 Contactor's Submittals

Contractor's Key Submittals Status (None Submitted)	
Health and safety plan	
Emergency response plan	
Risk assessment	
Conducted trainings	
Weekly and monthly reports	
Technical inspection of safety collective equipment	
Check list and technical acts of Tools	
Tool Box Talks	
Delivery PPE act and inspection report according 590 regulation	
Certificates and technical check up of scaffold	
Insurance of employee	
Authorization equipment and tools on site	
Visitors entrance log book	
Accidents and near misses are reported using the standard template in the HSP	

Table 56 Detected non conformities and remedial actions with before/ after photos

Non-Conformity	Remedial Actions
Third party access missing fencing since beginning of the project	Status: (open, In progress, closed) - open
	
self-made ladders (2) not supported hand tool (3) No PPE	Status: (open, In progress, closed) - Open
	
Self made collective equipment	Status: (open, In progress, closed) - Open



Not supported slab (2) self made platform in hazardous zone (3) Self made hanging platform - critical inconsistency



Status: (open, In progress, closed) - **Open**



Self made "scaffolds" detected



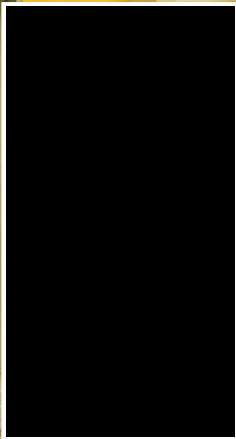
Status: (open, In progress, closed) - **Open**



Open trenches



Status: (open, In progress, closed) - **Open**

	
Description of non-conformity and status: Lack of PPE	Status: (open, In progress, closed) -Open
	
Unorganized electrical cables	Status: (open, In progress, closed) -Open
	
unprotected slope (2) critical access practice (3) self-made collective equipment, self-made platforms	Status: (open, In progress, closed) -Open



Construction of Kindergarten in Dzveli Anaga

174. Conducted Site visits – 25.02.2025; 13.03.2025;23.04.2025; 25.05.2025; 27.06.2025

175. Certified safety specialist on site – No Certified HS specialist on site

176. Contractor's Key submittals – No updated documents submitted

Table 57 Contractor's Submittals

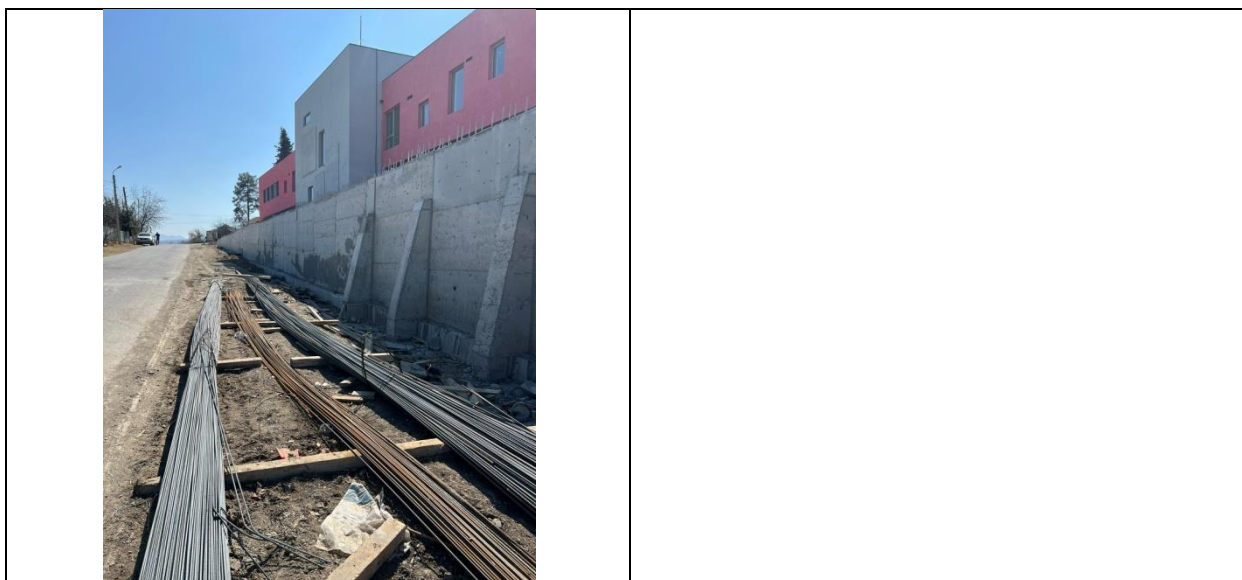
Contractor's Key Submittals Status (None Submitted)	
Health and safety plan	
Emergency response plan	
Risk assessment	
Conducted trainings	
Weekly and monthly reports	
Technical inspection of safety collective equipment	
Check list and technical acts of Tools	
Tool Box Talks	
Delivery PPE act and inspection report according 590 regulation	
Certificates and technical check up of scaffold	
Insurance of employee	
Authorization equipment and tools on site	
Visitors entrance log book	
Accidents and near misses are reported using the standard template in the HSP	

Table 58 Detected non conformities and remedial actions with before/ after photos

Non-Conformity	Remedial Actions
Third party access and damage, site is not fenced detected open trench, holes, self-made ladders; material stored ; high risk to fall and / or body damage;	Status: (open, In progress, closed) - open

	
Self-made collective equipment	Status: (open, In progress, closed) - Open
	
Self-made “scaffolds” and ladders detected	Status: (open, In progress, closed) - Open
	
Open trenches and manholes	Status: (open, In progress, closed) - Open

	
Lack of PPE	Status: (open, In progress, closed) -Open
	
Unorganized electrical cables and tools	Status: (open, In progress, closed) -Open
	
Material are stored out of red construction lines in the road	Status: (open, In progress, closed) -Open



Construction of Kindergarten in Chiauri

177. Conducted Site visits – 25.02.2025; 13.03.2025;23.04.2025; 25.05.2025; 27.06.2025

178. No Certified HS specialist on site

179. Submittal of Documents- NO

Table 59 Contractor's Submittals

Contractor's Key Submittals Status (None Submitted)	
Health and safety plan	
Emergency response plan	
Risk assessment	
Conducted trainings	
Weekly and monthly reports	
Technical inspection of safety collective equipment	
Check list and technical acts of Tools	
Tool Box Talks	
Delivery PPE act and inspection report according 590 regulation	
Certificates and technical check up of scaffold	
Insurance of employee	
Authorization equipment and tools on site	
Visitors entrance log book	
Accidents and near misses are reported using the standard template in the HSP	

Table 60 Detected non conformities and remedial actions with before/ after photos

Lack of general site clearance	Status: (open, In progress, closed) - open
--------------------------------	--

	
Self made collective equipment	Status: (open, In progress, closed) - Open
	
Risk fall; not supported slab and stair sell	Status: (open, In progress, closed) - Open
	
Unorganized electrical cables and tools	Status: (open, In progress, closed) - Open

	
Not organized electrical cables; lack of fire	Status: (open, In progress, closed) -Open
	

Rehabilitation of Laghami District of Mestia

180. Conducted Site Visits- 06.05.2025; 05.06.2025

181. Certified HS Specialist on Site- Certified HS specialist is assigned for the project



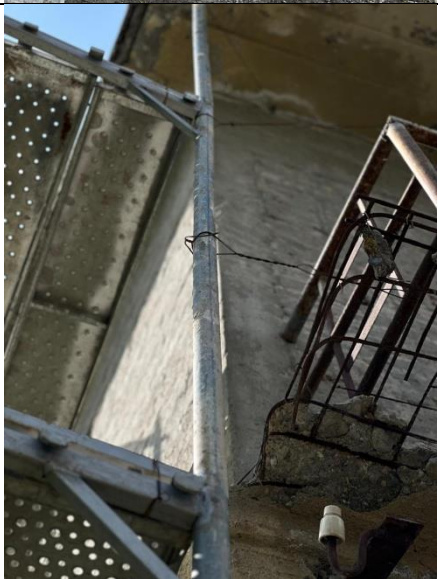
182. Submittal of Documents

Table 61 Contractor's Submittals

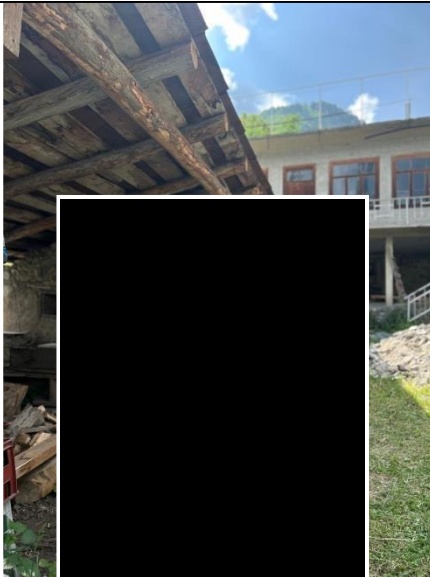
Contractor's Key Submittals Status (Final Exceptions Marked)	
Health and safety plan	Green
Emergency response plan	Green
Risk assessment	Green
Conducted trainings	Red
Weekly and monthly reports	Green
Technical inspection of safety collective equipment	Green
Check list and technical acts of Tools	Red
Tool Box Talks	Green
Delivery PPE act and inspection report according 590 regulation	Green
Certificates and technical check up of scaffold	Green
Insurance of employee	Red
Authorization equipment and tools on site	Red
Visitors entrance log book	Green
Accidents and near misses are reported using the standard template in the HSP	Green
Traffic management plan	Red

Table 62 Detected nonconformities and remedial actions with before/ after photos

Scaffolding structures is not full set – missing handrails or boards (top; mid , toe board) ; edges are not protected and not fully secure; (2) ground surface - unlevel surface applier rocks and debris – fall hazard (3) Missing proper fixing (4) hazardous zone is not marked and isolated with signs and employee pathway; (5) not full set of platforms		Status: (open, In progress, closed) - In progress - Missing certificates	
			

			
			
	Self made ladder - contractor rectified , self made ladder is disposed from site; Status: (open, In progress, closed) - Closed		
			

Lacks housekeeping; (2) vertical stockpiling of scaffolds - construction waste is disposed; contractor martial is stored; Status: (open, In progress, closed) - Closed	
	
unprotected electrical cable on working and access path, contractor Is removed cable but no corrective action report is submitted; Status: (open, In progress, closed) - In progress	
	
Lacks of PPE Status: (open, In progress, closed) - In progress	

	
(1) lack of waste management (2) absence of safety signs, unmanaged access open pathways; Status: (open, In progress, closed) - Closed	
	
Scaffolding structures is not full set – missing handrails or boards (top; mid , toe board) ; edges are not protected and not fully secure; (2) ground surface - unlevel surface applier rocks and debris – fall hazard (3) Missing proper fixing (4) hazardous zone is not marked and isolated with signs and employee pathway; Status: (open, In progress, closed) - In progress	
	

	
Lack of safety signs; No hazardous zone marked; Status: (open, In progress, closed) - open	
	
Hazardous zone is not marked, missing signs, lack of housekeeping Status: (open, In progress, closed) - Open	
	
third party access not controlled site lacks proper fencing ; (2) sand gravel material is not protected or covered (3) Not supported collative equipment (4) lack of mandatory safety signs; Status: (open, In progress, closed) - Open	

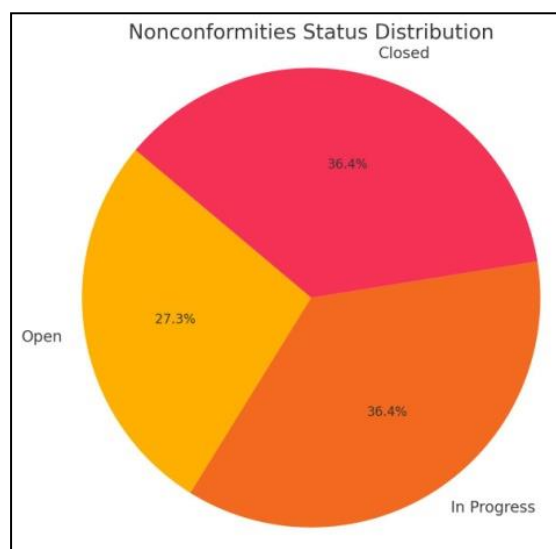
	
During the inspection no fire extinguisher and visitors stand found on site Status: (open, In progress, closed) -Closed	
	

Summary of Findings

Total Nonconformities: 11 Units - 3 units is Open; 4 units are in progress and 4 units Closed;

High-Risk Issues: High

Action taken – Partly



5 Cultural Heritage Aspects

5.1 Rehabilitation of Laghami District in Mestia Settlements

183. In order to ensure the successful conservation and management of cultural heritage during the project implementation, CSC has assigned the local Architect/Heritage Expert to fulfil the requirements of IEE and approved HIA and with the recommendations of National Agency for Cultural Heritage Preservation of Georgia.
184. CC has also assigned the Cultural Heritage Expert.
185. During the reporting period first monitoring site visit was conducted in June 19-20, 2025 and prior meetings were held during pre-construction works together with the Designer, Client and CC. Currently, Construction works are ongoing at following buildings of sector 9- N25; N26; N27; N28; N29; N30.
186. The core of Laghami's historical development consists of architecturally significant structures that are distinguished by their antiquity and artistic features, including towers, hall-type houses (Darbazi and Machubi), ancestral complexes, and churches. Due to the integrity of its urban structure, the typological diversity of traditional architecture, and a high degree of authenticity, the entire village of Laghami has been granted the status of a cultural heritage site.
187. Targeted Residential houses are from the second half of the 20th century and are significantly different from traditional structures. Their walls are built with stone and concrete blocks, and the shapes and sizes of openings are atypical for a highland settlement. None of these buildings hold individual heritage status. Nevertheless, these structures form part of the urban heritage complex, and their rehabilitation must be carried out in accordance with the Georgian Law on Cultural Heritage and international conservation principles.

Figure 43 Photo Material



188. As for the project documentation, since the rehabilitation plan for the village of Lagami involves conducting construction work in stages (sector by sector), it is recommended to fulfill architectural projects, finalize comprehensive documentation of buildings, and

gather more information, all of which will significantly impact the proposed project solutions.

189. Given the specifics of each object, the project must be based on in-depth studies of individual buildings or building complexes. It should include the documentation of all damages, determination of their causes, and a clearly justified methodology for interventions based on analysis.

5.2 Current Activities

190. **Building N25.** This deteriorated utility building had already been dismantled at the time of the June inspection. The construction of a new building had begun. Work was underway on a reinforced concrete platform upon which a new auxiliary structure was being erected using wooden posts and boarding. A new wooden roof structure will be installed, and instead of corrugated asbestos sheets, traditional wooden shingles will be used. A new double-wing wooden door will be made for the building, which will be treated and painted.

Figure 44 Photo Material



191. **Building N26.** This two-story residential building is constructed of concrete blocks, with cobblestone used for the foundation, plinth, and basement. The intermediate floor structure is supported by wooden beams, and the roof is covered with sheet metal.
192. According to the project, the northeastern façade will have an extended roof to accommodate an open utility platform underneath. The newly added roof portion will replace the sheet metal with wooden shingles. Partial plastering of the façades is planned, along with cladding using stone and wooden panels. The wooden windows of the residence will be treated and painted. One window opening on the second floor will be reduced in size.
193. At the time of the inspection, work was underway on the reinforced concrete foundation for the new platform, which will support the new wooden roof structure. A utility building located behind the residence had already been dismantled, and construction of a new storage structure had begun, with a new concrete foundation and platform. Wooden shingles will be used for this building's roofing as well.

Figure 45 Photo Material



194. **Building N27.** During the inspection, the deteriorated building had already been dismantled. Construction of a new building was in progress, with the foundation and concrete platform being installed. A new utility structure is planned to be built: concrete blocks will be used for the first floor, and wooden posts and boarding for the second floor. New wooden doors and windows will be fabricated and installed, along with a new roof structure. The old metal roofing will be replaced with wooden shingles.

Figure 46 Photo Material



195. **Building N29.** This two-story residential building is constructed of concrete blocks, with a plinth and semi-basement built from rubble stone. The building is unplastered and covered with a metal roof. The project provides for cladding the façades with stone and wooden panels, plastering the sanitary unit added to the northern façade, and replacing the wooden roof structure with a new one, covered with wooden shingles. Metal and wooden windows will be installed in the basement.
196. At the time of inspection, no large-scale construction work had been initiated. A narrow trench had been dug around the perimeter of the building to lay the foundation for the stone-clad plinth.

Figure 47 Photo Material



197. **Building N30.** Located on the outskirts of the village of Laghami, this structure stands out among the buildings in Sector N9 due to its size and architectural-artistic value. The

complex includes a fragment of an old residential house, a traditional Machubi (hall-type house), and auxiliary buildings.

198. This site consists of several buildings from different periods, made of various materials and volumes. There are many signs of artificial and crude interventions. An unattractive reinforced concrete frame, stairway, and balcony have been added to the residential house, significantly damaging its appearance. On the northwest side, a concrete utility structure has been attached, which is deteriorated and in need of restoration. Another auxiliary structure located in front of the house is also in critical condition. A fragment of the plastered northeastern façade has survived in its authentic form. According to the project, parts of the walls will be clad in stone and wooden panels, and some façade fragments will be plastered and painted. The metal roof will be replaced, partially with wooden shingles. Old doors and windows will be replaced, and the deteriorated auxiliary volume attached to the Machubi will be reduced in size. As soon as construction began, the removal of late sand-cement plaster revealed the stone masonry underneath. Following discussions with the owner and the architect, it was decided that the stone masonry on the façades would not be plastered again. Instead, the walls will be cleaned and the joints filled with lime mortar. The same method will be applied to the old, authentic façades of the Machubi, allowing for better visibility of Object N29's historical features. The old wooden balcony and other wooden elements will be restored. Fragments of balconies added during later periods will be clad in natural stone, while parts of the façades will be finished with wooden panels. Concrete walls will be plastered with a sand-cement mixture. The owner was informed that the deteriorated utility volume attached to the northwest side obstructs an important part of the house—the valuable wall of the old Machubi—and damages it. Consequently, the owner agreed to dismantle the deteriorated structure and restore the Machubi's historic appearance. It is planned to partially reposition and reconstruct, in its original volume, the auxiliary utility structure located in the yard. The architect was instructed to reflect these changes promptly in the project documentation, including both the graphic and cost estimation sections. It is important that the revised project, incorporating these changes, is promptly submitted for approval to the National Agency for Cultural Heritage Preservation of Georgia.

Figure 48 Photo Material





199. **Building N30.** This two-story residential building has its first floor constructed with natural stone of various sizes and the second floor with concrete blocks. The intermediate ceiling structure is made of wooden beams. The unplastered façades are broken up by door and window openings. On the west side, a metal staircase and utility structure have been added. Both structures have metal roofing. According to the project, partial boarding of the building and auxiliary structure is planned. The residence, its staircase, and the utility structure will be reroofed using wooden shingles. A storage space will be built beneath the staircase, and part of the façades will be clad in natural stone. At the time of monitoring, construction work was underway in the attached utility room, and plastering of the west façade of the residential building with sand-cement mortar had begun. At this stage, construction work is underway at all sites within the project, although delays from the original schedule are expected.
200. On June 20, a sample roof section using wooden shingles, insulating membranes, and wooden elements was prepared together with the project author. The completed sample was presented to residents, who signed their agreement to have their homes roofed with wooden shingles.

Figure 49 Photo Material



6 ENVIRONMENTAL TRAININGS

201. EHS trainings were provided to the CC personnel as appropriate, with training records maintained and included in the monthly reports. The personnel actively participated in promoting awareness and in implementing EHS requirements.

Table 63 Velistsikhe Urban Upgrade Project

N	Project	Name of the training	Date
1	Velistsikhe Urban Upgrade	Environmental training on the following topics: • Waste Management measures – SCS • Spill prevention measures- SCS • Air Quality, duct, noise-SCS	14.02.25 14.05.25 18.06.25

Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

202. During the reporting period, the CSC conducted an introductory and demonstrative environmental training session for the Contractor's personnel. This initial training served as a foundation for further capacity building. In parallel, the Construction Contractor is required to organize and deliver more comprehensive environmental training sessions for its management staff and workforce in accordance with the established Training Matrix. These sessions should address project-specific environmental aspects, mitigation measures, and regulatory compliance requirements.

Table 64 Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors)

N	Project	Name of the training	Date
1	Rehabilitation of Laghami District in Mestia settlement	Environmental training on the following topics: • Waste Management measures – SCS • Spill prevention measures- SCS • Air Quality, duct, noise-SCS • Asbestos handling and disposal	05.06.25 14.06.25

7 FUNCTIONING OF THE SSEMP

7.1 Site- Specific Environmental Management Plan Review

Sport-Complexes and Kindergartens

203. As previously indicated, Construction Contractors carry out environmental monitoring of construction activities in line with the provisions outlined in the Site-Specific Environmental Management Plans (SSEMPs). In accordance with the requirements stipulated in the EMP/SSEMP, the project's environmental monitoring framework encompasses supervision of construction sites, verification of applicable permits, assessment of contractors' compliance with environmental obligations, and targeted monitoring of potential environmental impacts. These impacts include, but are not limited to, noise generation, dust dispersion, soil contamination, alteration of landscape features, improper handling of construction waste, disturbance to local flora and fauna, water pollution, and air emissions.
204. The Contractor possesses the capacity to effectively implement all requirements stipulated within the Site-Specific Environmental Management Plan (SSEMP). Oversight of SSEMP implementation is jointly carried out by environmental specialists representing the Contractor, the Supervision Consultant, and the Implementing Agency (IA).
205. As the Initial Environmental Examinations (IEEs) for kindergarten construction were originally developed based on standard template designs, they are subject to revision and updating in line with the finalized Detailed Engineering Designs (DEDs). The revised IEEs are subsequently disclosed on the Implementing Agency's (IA) official website. In parallel, the Contractor's Site-Specific Environmental Management Plans (SSEMPs) and their associated sub-plans are also being reviewed and updated to reflect these design modifications.

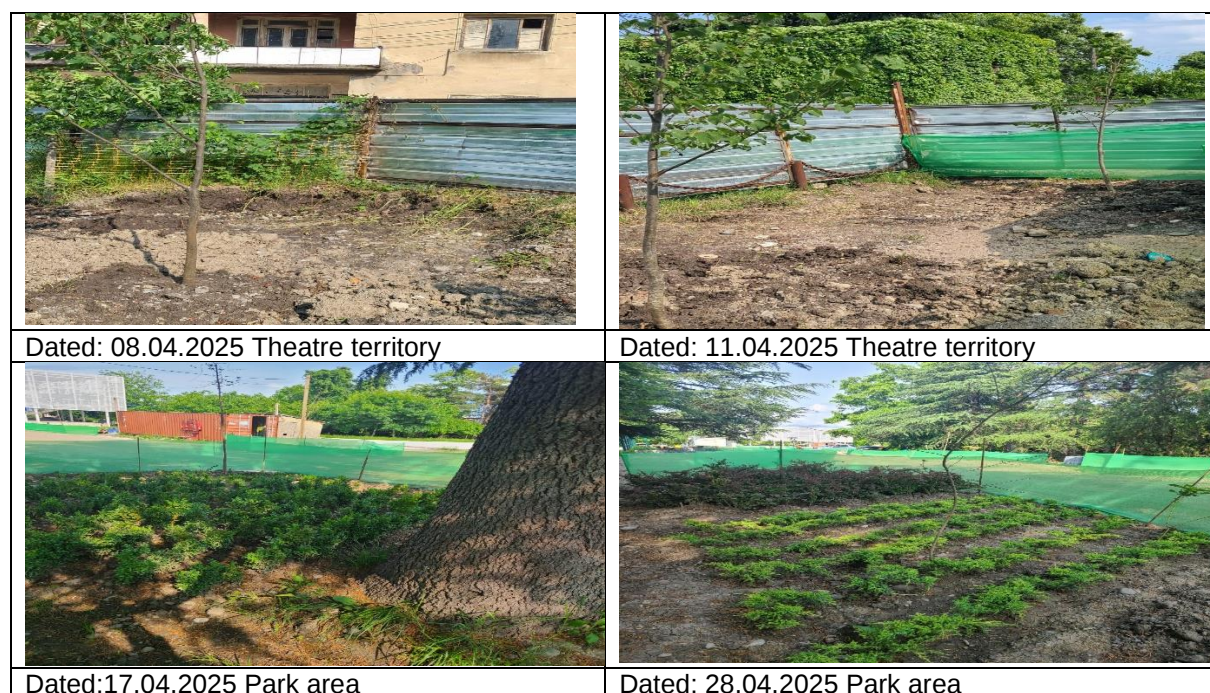
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206. The Velistsikhe CC has developed Site-Specific Environmental Management Plans (SSEMP) and related sub-plans, including: the Pre-Construction Report, the Asbestos Management Plan (updated in January 2025), the Campsite Management Plan, the Emergency Response Plan, the Health and Safety Management Plan, the Noise and Vibration Management Plan, the Traffic Management Plan, the Waste Management Plan (approved by the Ministry of Environmental Protection and Agriculture), and the Topsoil Management Plan (updated in January 2025). The SSEMP was approved by the IA on January 24 and subsequently updated in June 2022.
207. As previously noted, the Construction Contractors carry out environmental monitoring of construction activities in accordance with the SSEMP. In line with the EMP/SSEMP requirements, project monitoring includes site supervision, permit verification, assessment of contractor compliance, and targeted monitoring of environmental impacts such as noise, dust, soil contamination, landscape alteration, construction waste, biodiversity (flora and fauna), water pollution, air emissions, and other relevant factors.
208. Construction monitoring is conducted by the Contractors, the Construction Supervision Consultant (CSC), and the Implementing Agency (IA). During the reporting period, the Contractor complied with the requirements outlined in the project documentation.
209. Project parties have close cooperation compliance and if any deviation this is reflected in the instruction reports of the CSC. The instruction reports are timely responded. There is good coordination between CC and CSC.
210. During the reporting period, the main issues identified were related to housekeeping, as well as concrete and oil spills. These issues were regularly discussed among the parties,

and appropriate measures—such as worker training and on-site instructions—were implemented. Additional trainings were also conducted by the Supervisory Consultant.

211. CC, in close coordination with CSC had updated a Topsoil Management Plan. Following clarification of the relevant information, the plan was subsequently updated in 2025.
212. During the reporting month, the contractor carried out reinstatement activities, including the redistribution of topsoil across the affected areas. The photos below document the topsoil spreading process.

Figure 50 Photos showing the current condition of the topsoil



Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

213. The SSEMP developed by Mane Lux LTD and approved by Eptisa Engineering on 05/05/2025 (Letter Ref: EPT/LCIP1/2162.), was developed in coordination with the following supporting environmental management documents, which were prepared and agreed as part of the overall environmental planning package:

- (i) Pre-construction Environmental Audit Report ;
- (ii) Site-Specific Environmental and Management Plan (SSEMP);
- (iii) Waste Management Plan (WMP) agreed with MEPA on 15.05.2025 Letter # 3459/01
- (iv) Noise and Vibration Management Plan (NVMP);
- (v) Camp Site Management Plan (CSPM);
- (vi) Asbestos Management Plan (AMP)

214. In accordance with requirements of the IEE, the CC has appointed EHS Staff for the duration of the contract. The table below reflects the structure of the construction company. Key responsibilities of the staff is to ensure that SSEMP (along with the other plans) is implemented effectively throughout the construction period and all works are executed in compliance with applicable environmental/social/HS standards, engaging in the process of grievance resolution, establishing and maintaining site records, reporting to the IA and CSC environmental incidents/spillages including actions taken to resolve issues, reporting monthly regarding the implementation of the prepared plans, undertaking instrumental measurement and etc.

8 GOOD PRACTICE AND OPPORTUNITY FOR IMPROVEMENT

8.1 Good Practice

Sport-Complexes and Kindergartens

215. When the Environmental Consultant conducts a site visit, several additional good practices are taken into account to facilitate effective, efficient, and constructive engagement with the construction team. The following key approaches are recommended:

- i. **Pre-Visit Planning:** Prior to the site visit, comprehensive preparatory coordination is undertaken with the non-key experts representing both Eastern and Western Georgia. The Contractor's Environmental Manager is notified in advance to ensure his participation in the site inspection and to facilitate a joint environmental audit. The objectives, scope, and expected outcomes of the visit are clearly communicated to all involved parties. Additionally, relevant background information, data, and documentation are shared to ensure that the participants are adequately informed about the Construction Contractor's operations and organizational framework.
- ii. **Site Familiarization:** Upon arrival, sufficient time is allocated for the Environmental Consultant to become acquainted with the physical layout and ongoing construction activities at the Contractor's site. A brief overview of the project's environmental requirements is provided, along with explanations of any site-specific processes, procedures, or protocols relevant to environmental compliance.
- iii. **Open Communication Channels:** Clear and effective lines of communication are established with the Contractor's staff and Site Manager. Open dialogue is actively encouraged, supported by regular check-ins, to promptly address any questions, concerns, or issues that may emerge during the course of the visit or ongoing collaboration.
- iv. **Active Observation:** In coordination with the Site Manager, a walkthrough of the facility perimeter is conducted to assess the current conditions and identify any environmental concerns. Immediate verbal instructions are provided on-site, accompanied by notification that all observations will be formally documented in a dedicated environmental report to be submitted within 2–3 days. This transparent approach reinforces accountability and motivates the Site Manager to initiate corrective actions promptly and maintain heightened oversight moving forward.
- v. **Documentation and Reporting:** During site visits, detailed observations and relevant information are systematically recorded in a field notebook. This practice enables the Environmental Specialist to compile a comprehensive and well-substantiated report that accurately reflects site conditions and any identified issues.

216. Environmental good practices:

- i. **Good Practice: Implementing Energy Efficiency Measures**
 - a. Conducting energy audits to identify areas of high energy consumption.
 - b. Upgrading to energy-efficient appliances and equipment.
 - c. Installing smart thermostats and energy management systems.
- ii. **Good Practice: Waste Reduction and Recycling**
 - a. Implementing a comprehensive recycling program for paper, plastic, glass, and other recyclable materials.
 - b. Encouraging employees to minimize paper usage and opt for digital documentation.
 - c. Partnering with recycling companies to ensure proper disposal and recycling of waste.
- iii. **Good Practice: Sustainable Transportation**
 - a. Encouraging employees to use public transportation, carpool, or bike to work.

- b. Providing electric vehicle charging stations and promoting the use of electric or hybrid vehicles.
 - c. Optimizing logistics to minimize fuel consumption and reduce emissions.
 - iv. Good Practice: Environmental Education and Awareness
 - a. Providing training and resources for employees to adopt environmentally friendly behaviors.
- 217. Construction companies were instructed to improve on-site Health, Safety, and Environmental (HSE) conditions by addressing identified non-compliances. These measures aim to align site practices with the requirements of the Site-Specific Environmental Management Plans (SSEMPs) and to establish a foundation for improved environmental performance and safer working conditions.
- 218. Contractors are periodically provided with environmental training sessions aimed at enhancing their awareness and ensuring compliance with the project's environmental requirements, the standards set by the funding agency (Asian Development Bank), as well as applicable national legislation.

Velistsikhe Urban Upgrade Project

- 219. The project management teams—including the Construction Contractors (CCs), Construction Supervision Consultant (CSC), and the Implementing Agency (IA) environmental staff—were fully engaged in the monitoring process to assess progress and address any environmental deviations during project implementation.
- 220. The CSC's involvement was instrumental in ensuring compliance with environmental standards, promoting best practices in environmental protection, and facilitating timely interventions to prevent potential environmental impacts.
- 221. Throughout the project implementation, the involved parties maintained a collaborative work strategy, fostering mutual understanding and coordination of both internal and external factors to minimize negative environmental impacts.
- 222. During the reporting period, there were no significant impacts related to vibration, noise, or air pollutants. Appropriate mitigation measures were implemented in accordance with the approved management plans.
- 223. During the course of construction, companies received instructions aimed at improving site-level environmental performance. These improvements, guided by instruction reports, resulted in enhanced environmental conditions, as achieved by the involved parties.

Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

- 224. During the reporting period, the following good practices were observed at the project site:
 - I. The contractor's personnel demonstrated full compliance with the AMP. Workers were properly equipped with PPE, including disposable coveralls, gloves, goggles, and respirators during the removal and packaging of asbestos pipes. The materials were securely wrapped and temporarily stored on a waterproof surface in accordance with Georgian regulations and ADB safeguards.
 - II. Air quality, vibration, and noise levels were measured at three different locations, and all values remained within applicable limits. This demonstrates the contractor's commitment to minimizing environmental impact during early construction stages.
 - III. Following CSC site inspections, the contractor actively responded to Environmental Instruction Reports by preparing Corrective Action Reports and initiating mitigation

measures for non-compliances, including improved waste segregation, fencing upgrades, and clearer signage.

SUMMARY AND RECOMMENDATIONS

8.2 Summary

Kindergartens and Sport-Complexes

225. The Environmental Specialist of the Technical Supervision team is responsible for evaluating the accuracy and reliability of the information presented in the Contractor's environmental reports. This includes identifying and addressing any data gaps and assessing the adequacy and effectiveness of the mitigation measures implemented on-site.
226. Throughout the construction period, the Environmental Specialist from the Construction Supervision Consultant (CSC) conducts periodic site inspections and organizes environmental coordination meetings to monitor compliance and address emerging issues.
227. To fulfill the requirements set forth in the EMP and SSEMP, and to uphold good construction practices, Contractors have established dedicated environmental management teams and operational procedures that govern environmental performance throughout project implementation.
228. Contractors are encouraged to adopt energy-efficient practices and explore the integration of renewable energy sources in construction activities. Robust waste management protocols must be developed, with emphasis on reduction, reuse, and recycling of construction waste. Water-saving techniques should be implemented, particularly in water-scarce regions, and effective pollution control measures must be applied to mitigate air, noise, and water contamination. Dust suppression and noise reduction strategies are essential, and construction in ecologically sensitive areas should be avoided wherever possible. Measures must be in place to safeguard local biodiversity, including flora and fauna.
229. Strict adherence to all applicable environmental laws and regulations is essential. Contractors must provide regular environmental training to personnel, emphasizing both legal compliance and best practices. Investment in employee capacity building—covering technical skills and environmental awareness—is encouraged. Local employment and procurement should be prioritized to stimulate regional economic development.
230. All construction projects must comply with relevant local, national, and international environmental legislation. This includes securing the necessary environmental permits and conducting comprehensive environmental impact assessments. Environmental performance should be a key criterion in contractor selection, favoring firms with a demonstrable history of environmental responsibility and sustainable construction practices.
231. Environmental protection requirements must be explicitly integrated into contractual agreements with construction contractors. Contracts should define clear standards for waste management, efficient use of resources, pollution control (air, noise, water), and habitat conservation. A robust compliance monitoring mechanism must be established, complemented by regular environmental audits. Contractors and their staff must receive training on environmental risk management, best practices, and emergency response protocols to ensure full understanding of obligations and impacts.
232. The use of sustainable building materials, energy-efficient designs, and green construction technologies should be actively promoted. Environmental initiatives such as recycling, water conservation, and soil erosion prevention are encouraged. Engagement with local communities, environmental NGOs, and stakeholders is vital; their feedback must be considered to ensure transparency and accountability in project implementation. Enforcement measures for environmental non-compliance should include financial

penalties, work suspensions, or contract termination. Supply chains should reflect sustainable and ethical sourcing standards, partnering only with suppliers who demonstrate environmental responsibility.

233. Contractors must implement effective mitigation measures to address adverse environmental impacts. This includes establishing protective buffer zones, restoring disturbed habitats after construction, and reducing noise and air pollution through appropriate controls.
234. Construction Contractors prepare monthly progress reports on SSEMP implementation. These reports detail the activities carried out during the reporting period, mitigation measures applied, and any environmental challenges encountered, including interactions with suppliers, local authorities, and affected communities.
235. All construction works are carried out in accordance with the conditions defined in the Contract Agreements and the requirements set forth in the approved SSEMPs.
236. Contractors and project stakeholders are expected to report regularly on environmental and social performance, thereby ensuring operational transparency and sound corporate governance.
237. The Construction Supervision Consultant (CSC) performs continuous environmental monitoring of construction activities to verify compliance and ensure timely resolution of environmental concerns.

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238. The Construction Supervision Consultant (CSC) oversaw daily site activities, prepared daily and weekly checklists, and compiled monthly reports. The CSC reviewed the contractors' monthly reports and submitted to Implementing Agency (IA). Feedback and comments were shared and discussed among the relevant parties.
239. The Construction Contractors (CCs) carried out activities in accordance with the contractual obligations and the Site-Specific Environmental Management Plans (SSEMPs).
240. The performance of the CCs during the reporting period was generally satisfactory, with minor improvements observed compared to the previous period.
241. In cases of non-compliance, the CSC promptly issued instruction reports to Construction Contractors (CCs). Contractors showed proactivity and responsiveness to CSC instructions.
242. The CSC continued to remind the contractors to respond promptly to instruction reports and to implement corrective measures on site without delay.
243. The CCs maintained contracts with licensed service providers, Solid Waste Management Company and Ltd "Sanitary" for the disposal of non-hazardous waste.

Recommendations

244. Regularly sprinkle water on unpaved roads and construction sites to suppress dust, especially during dry periods and Ensure construction machinery is properly maintained to minimize exhaust emissions.
245. Monitor vibration levels near sensitive receptors (e.g., historic buildings, residential zones) and apply protective measures if thresholds are exceeded.

246. Segregate construction and demolition waste (e.g., concrete, wood, metal) for reuse, recycling, or proper disposal. Avoid illegal dumping; ensure waste is transported only to authorized disposal sites. Keep site housekeeping and clean project areas.

Rehabilitation of Laghami District in Mestia settlement (Initial Two Sectors):

247. The Project officially commenced on 22 January 2025 and is scheduled for completion by 21 June 2026. As of the end of June 2025, the project remains in its early implementation phase, with initial mobilization and construction activities ongoing at Sector 9 buildings.
248. Notable good practices included: proper asbestos handling procedures using PPE, initial environmental training delivered to workers, and corrective actions initiated by the contractor in response to CSC instructions.
249. However, several areas for improvement were identified, particularly related to hazardous waste management, disorganized material storage, and absence of critical environmental documentation on-site, and drainage deficiencies at the base camp.

8.3 Recommendations

250. Proactive Risk Management: Early identification and assessment of environmental and safety risks allow for timely and effective mitigation measures.
251. Strong Coordination: Clearly defined roles, responsibilities, and communication protocols between contractors, consultants, and regulatory agencies help avoid overlaps, delays, and miscommunication.
252. Cumulative Impact Management: Integrated assessments of cumulative impacts from concurrent projects ensure comprehensive planning and prevent unintended negative consequences.
253. Ensure that regular monitoring of environmental and safety compliance is conducted by the Construction Contractors (CCs), Construction Supervision Consultants (CSCs), and the Implementing Agency (IA).
254. Ensure strict compliance with the requirements set out in the Initial Environmental Examinations (IEEs), Site-Specific Environmental Management Plans (SSEMPs), and their sub-plans. Update these documents as needed in response to design modifications or regulatory changes, and ensure timely implementation of the revised measures.
255. Conduct periodic monitoring of noise, vibration, and air quality to ensure construction activities remain within permissible environmental thresholds.
256. Implement effective dust and emissions control measures, such as regular water spraying and dust suppression systems, to reduce air pollution and maintain a safe working environment.
257. Store hazardous materials in clearly labeled, secure containers, and maintain high housekeeping standards in designated hazardous material storage areas.
258. Protect existing trees within the construction zone using appropriate barriers or protective measures to prevent damage during construction activities.
259. Install and maintain clear, durable signage across the construction site to identify hazards, provide directional guidance, and reinforce safety protocols.
260. Ensure all workers consistently wear appropriate PPE in accordance with site-specific safety guidelines.
261. Verify that all on-site personnel are properly trained in first aid procedures and that fully stocked first aid kits are readily available at key locations throughout the construction site.

262. It is recommended that the contractor immediately rectify identified non-conformities, ensure the permanent availability of safeguard documentation, strengthen hazardous waste handling and segregation procedures, improve storage conditions for materials and debris, upgrade base camp infrastructure and continue systematic environmental capacity building for site personnel.