

## Information about the Capital Project Implementation

Code	Name	Actual 2014	Plan 2015 approved	2015	Next
				cash basis	Year
25 02 02 01	Regular reconstruction and rehabilitation of roads	1,045,815.10	110,848.40	110,842.80	435,000.00
25 02 02 07	coastal protection works	19,421.90	6,814.40	6,808.40	40,000.00
25 02 02 08	Tianeti -Zaridzeebi- Zhinvali road construction, reconstruction and rehabilitation work	5,450.00	7,730.00	7,724.80	5,000.00
25 02 02 09	Secondary and local Road project II (WB)	102,379.20	9,084.00	8,434.90	10,000.00
25 02 02 10	Secondary and local Road project III (WB)	7,387.50	27,444.00	26,461.10	105,000.00
25 02 02 11 01	Kakheti Regional Roads Development Project (WB)	45,261.40	8,400.00	7,988.80	0
25 02 02 12	Kutaisi (Nikea str.) - Geguti node section reconstruction-modernization	807.8	1,975.00	1,973.20	3,000.00
25 02 02 13	Stepantsminda- Sameba Church Road 1-6 st-km section construction- reconstruction	63	95	94.5	4,000.00
25 02 03 01	East-West transit autobahn III (Sveneti Ruisi)(WB)	304,084.70	2,930.00	2,897.60	0
25 02 03 02	Additional Financing for the Third East-West Highway Improvement Project (Ruisi-Agara) (WB)	52,335.20	28,520.00	27,116.30	5,000.00
25 02 03 03	Fourth East-West Highway Improvement Project (WB)	31,106.50	33,039.20	32,427.90	85,000.00
25 02 03 05 01	Road Corridor Investment Program (Kobuleti Bypass Road) (ADB)	247,338.60	49,747.00	49,625.80	120,000.00
25 02 03 06	East-West Highway Improvement Project (Zestafoni - Kutaisi - Samtredia) (JICA)	246,408.60	99,910.00	98,640.50	50,000.00
25 02 03 07	East-West Highway Improvement Project (Samtredia-Grigoleti) (EIB, EU) 0 km-50 km Section (EIB, EU)	92,097.10	46,794.00	46,619.50	530,500.00
25 03 04	Sustainable Urban Transport Investment Program (ADB)	138,065.70	94,099.00	92,818.30	516,850.00
25 03 05	Regional Development Project (Kakheti) I part (WB)	100,351.00	9,627.70	9,372.10	9,500.00
25 03 06	Second Regional Development Project (Imereti) (WB)	38,654.00	17,350.00	16,530.10	0
25 03 09	Kutaisi Solid Waste Managment Project (KfW, EU)	0	630	601.1	57,500.00
25 03 10	Development of Ski Infrastructure in the Upper Svaneti (Government of France)	26,660.60	70	0	0
25 03 11	Construction and maintain of Ski and mountain Infrastructure in the Upper Svaneti	0	21,000.00	21,000.00	12,000.00
25 03 12	Rehabilitation and Reconstruction of Chiatura's Gondola Lifts (Government of France)	0	5,815.00	5,631.20	41,900.00
25 03 19	Third Regional Development Project (Samtskhe-Javakheti and Mtskheta-Mtianeti) (WB)	0	1,394.30	1,354.20	0
25 04 01	Kobuleti Wasterwater Project (EBRD, ORET)	906.7	800	999.8	3,500.00
25 04 02	GeorgiaWater Infrastructure Modernization project (EIB)	104,360.00	2,862.00	2,748.90	0

25 04 03	Water Infrastructure Modernization Project II (EIB, EU)	28,134.90	31,257.80	31,257.80	6,300.00
25 04 04	Supporting Sustainable Wastewater Management (SIDA)	445.9	461.5	460.3	8,900.00
25 04 05	Urban Services Improvement Investment Program (Water Supply and Saverage Sector) (ADB)	104,582.60	86,616.00	88,608.20	284,400.00
25 05	Support for internally displaced persons	297,757.00	30,327.50	55,754.60	90,000.00
27 02 01 02	Improvement of Penitentiary Infrastructure and create of industrial zones	75,534.00	18,149.00	15,858.40	75,000.00
32 05 01 02	Provide Educational institutions with the information - communication technologies	59,154.80	5,128.20	5,128.10	58,000.00
32 05 02	Development Infrastructure of Educational Institutes	491,736.40	79,937.50	76,269.40	244,000.00
33 04 02 02	Cultural Heritage Protection Program	28,977.80	8,126.40	8,069.70	10,735.00
35 04	Rehabilitation and Refurbishment of Healthcare Facilities	121,636.40	24,647.80	24,408.30	105,000.00
36 01 02	improvement of Electricity and natural gas supply for population	3,865.30	20,960.40	20,424.70	76,280.00
36 02 01	Vardnili & Enguri Hydro Rehabilitation Project (EIB, EU)	30,319.00	27,400.00	21,801.50	0
36 03 01	Regional Power Transmission Enhancement Project (ADB)	9,002.50	14,139.80	28,142.80	27,000.00
36 03 02	Transmission Line Project - 500-220 kv "Jvari - Khorga" (EBRD, KfW, EU)	15,043.20	22,860.20	40,846.60	35,000.00
36 03 03	Construction of 220 KW "Akhalsikhe-Batumi" line (WB)	279.9	14,000.00	16,963.10	34,400.00
37 01 03 01	Rehabilitation of irrigation systems and purchasing equipment	97,571.20	53,530.00	53,523.90	306,940.00
58 10 03	Adjara Solid Waste Project (EBRD)	0	5,000.00	0	15,000.00
58 10 04	Rehabilitation of Municipal Infrastructure Facilities in Batumi - Phase III (KfW, EU)	5,047.30	29,501.50	23,692.60	69,100.00

*Note: During 2015 institutions have not directed their funds for implementing Capital Projects*

- **Regular reconstruction and rehabilitation of roads-** Under the scope of **25 02 02 01**, the most works were accomplished that were foreseen in the annual plan of 2015, whilst in 2016 transitive sites have been rehabilitated. In addition, works to lay asphalt-concrete pavement and rehabilitate bridges and other artificial building have been continued.
- **coastal protection works-** Under the scope of **25 02 02 07**, shore-protection activities have been implemented during 2014-2015 and completed for 3 sites. In 2015, shore-protection activities were implemented and completed for 15 sites, whilst works at 3 transitive sites have been in progress.
- **Tianeti -Zaridzeebi- Zhinvali road construction, reconstruction and rehabilitation work-** Under the scope of **25 02 02 08**, soil excavation and culvert arrangement works have been implemented. Construction works have been delayed during the reporting period.
- **Secondary and local Road project II (WB) - 25 02 02 09 -** Within the framework of the progress rehabilitation works were implemented in the remaining 2 items, in particular, Tbilisi-Tianeti's road km39-

km51 section and Chiatura-Perevisa-sveri-Sveri-Gezruli's Road km 8 - km 22, which was intended to finish at the first half of 2016.

- **Secondary and local Road project III (WB) -25 02 02 10** In 2015, 3 sites were completely rehabilitated, while in 2016 the transitive sites have been under the rehabilitation works. The tender was announced for 2 sites, project documentation was prepared for the rest 8 sites.
- **Kakheti Regional Roads Development Project (WB)** - Under the scope of **25 02 02 11 01**, the dining-Sioni road rehabilitation work has been completed. Also, in Kakheti Region, the first and second phases of road safety measures for 9 sections have been accomplished.
- **Kutaisi (Nikea str.) - Geguti node section reconstruction-modernization -25 02 02 12** – Tender procedures completed and the winner company was awarded.
- **Stepantsminda- Sameba Church Road 1-6 st-km section construction- reconstruction - 25 02 02 13** – Discussion of resettlement action plan.
- **East-West transit autobahn III (Sveneti Ruisi)(WB) - 25 02 03 01** - The works foreseen under the project completed.
- **Additional Financing for the Third East-West Highway Improvement Project (Ruisi-Agara) (WB) - 25 02 03 02** – Completed the roadbed, culverts and underpasses works. Overpasses performed piles unifying slab works. Completed works for overpasses and bridge construction, arrangement of road pavement and concrete pavement. Executed works for placing dividing line of "New Jersey" type concrete barriers and arranging confines with metal beams and curved bars for the road sections and arrangement of asphalt pavement for transport lanes foreseen under the road project.
- **Fourth East-West Highway Improvement Project (WB) - 25 02 03 03**
  - The works for topsoil removal, storage and cement concrete pavement foundation, embankment, culverts, underpasses and the construction of concrete pavement and Communication (water pipes) relocation have been in progress.
- **Road Corridor Investment Program (Kobuleti Bypass Road) (ADB) - 25 02 03 05 01** - Lot I - the traffic movement on a newly built 12.4 km-long section is open. Defect period is completed. Also, gabion walls arrangement was completed for the 30-33 km section.
  - Lot II – Works for arrangement of piles for foundation, beams, columns and crossbars, abutments have been implemented. Under the roadbed, a reinforced culverts underpasses works have been undertaken. Due to N1 tunnel excavation and temporary cover arrangement, concrete spraying works have been done. And, in terms of N2 tunnel, open method of excavation has been used as it was envisaged in the project. Also, relocation works of Communications (gas pipeline) have been implemented.

#### **Second Regional Development Project (Imereti) (WB) - 25 02 03 06:**

- Construction works on Kutaisi bypass road (km0+000-km17+300) have been completed. The traffic movement has already been open.

- Soil excavation works have been undertaken in **Kutaisi Bypass-Samtredia Section (km0+000-km24+045)** During the reporting period, construction and rehabilitation works of bridges and overpasses completed, concrete pavement was arranged on the main road and shore protection measures were accomplished. On a newly developed 14.8 km section, traffic movement has been launched, and in the rest 9.2 km part of the road is planned to open in 2016.
- **On Zestaponi – Kutaisi Bypass (km0-km15+175)** the following works have been executed: land excavation, arrangement of culverts and underpasses. The construction works for arrangement of piles for foundation, beams, columns and crossbars have been implemented on the bridges. Under the roadbed, a reinforced culverts underpasses works have been undertaken. It also included manufacturing and installation of prestressed concrete beams. On the main road, new concrete pavement has been arranged and communications have been relocated (High and medium pressure oil pipes and high and medium voltage el. cables). The works for placing dividing line of "New Jersey" type concrete barriers and arranging confines with metal beams and curved bars for the road sections.
- **Modernization and Construction of the Samtredia Grigoleti road km 0 50-km section(EIB, EU) - 25 02 03 07**
- Within the program Samtredia Grigoleti (Lot I) km0+000-km11+500, vegetation layer has been removed and stored, also the works for arranging roadbeds, piles for foundation, beams, columns and crossbars for bridges and overpasses have been implemented. Moreover, vertical drainage and geogrids under the roadbed have been arranged. On the section of Samtredia – Grigoleti (Lot II) km11+500-km30+000 the winner company has been announced and contract has been signed. On the section of Samtredia – Grigoleti (Lot IV) km42+000-km51+570 preparation and mobilization works have been completed. Topsoil has been removed and stored. Also, on the sections envisaged within the project, under the roadbed stone columns have been arranged and communications (el. cables) have been relocated.
- **Sustainable Urban Transport Investment Program (ADB) - 25 03 04**
- During the reporting period, the following activities were accomplished under the scope of subproject: construction and modernization of Tbilisi-Rustavi section (I and III Sections) of Tbilisi-Red bridge(boarder of Azerbaijan) road, land acquisition and distributing appropriate compensation to the population; moreover, under the scope of Tbilisi-Rustavi Highway Project (section 2, km 5.2 – 6.9) investigation has been carried out to estimate vibration on the nearby buildings, assess impact of noise and analyze structural integrity.

Designing, procurement, construction permit and supervision have been arranged; under this project, on Tbilisi-Rustavi section (km4+000-km10+800) of Tbilisi-Red bridge(boarder of Azerbaijan) road archaeological study has been conducted. Designing works, procurement, construction, management and supervision have been launched for Subway Station “University” that is going to be continuation of second line of Tbilisi Metro. Shore protection (I phase) and constructing buildings (II phase) have been carried out in Anaklia which included projecting and supervising the works. The reporting period also covered preparation of Batumi shore protection project, procurements, construction works and supervision.

- **Regional Development Project (Kakheti) I part (WB) - 25 03 05**

- During the reporting period, the following activities were accomplished under the scope of subproject: arranging touristic infrastructure at cultural heritage (Old Shuamta, New Shuamta, Ikalto and Yovladtsminda) and conservation works of Ikalto Church (II phase); revision of design documentation prepared for arrangement touristic infrastructure at cultural heritage, such as Old Shuamta, New Shuamta and Ikalto; slight rehabilitation and arrangement touristic infrastructure at cultural heritage sites of Ninotsminda and David Gareja (II phase); revision of design documentation prepared for arrangement touristic infrastructure at Ninotsminda; revision of design documentation prepared for arrangement touristic infrastructure at David Gareja; arranging touristic infrastructure at cultural heritage at Ujarma, Gurjaani and Khirsa; eradicating defects during rehabilitation works at resort Akhtala, located in Gurjaani; Restoration of Batoni Castle (Palace) in city Telavi (II Phase); Rehabilitation of Batoni Castle (museum and territory) (II Phase), designing construction of new museum at Batoni Castle, development of plan of tourism management at the architectural complex of Batoni Castle and organizing exposition; Rehabilitation of “Telavi Khevi” located at Ketevan Tsamebuli Street in Telavi; cleaning and restoring dumpsite for construction waste situated in the entrance of city, near village Vardisubani; Rehabilitation of access road to Wine Storage of the village Shalauri, Telavi Municipality; Carrying out safety measures on Tusheti road; rehabilitation of buildings and arranging touristic zone in Dartlo and other villages of Tusheti (II phase); procuring respective service from the National Agency for Cultural Heritage Preservation for providing design for buildings which were in needs of rehabilitation; Designing wastewater, pipeline and treatment plant in village Omalo; procuring engineering supervision service for ongoing projects in Kakheti region, which are implemented with financial support of the World Bank; consulting service for development of employee’s skills in the tourism; consultancy service of monitoring and assessing tourism in Kakheti region.

- **Second Regional Development Project (Imereti) (WB) - 25 03 06**

- During the reporting period, the following activities were accomplished under the scope of subproject: Preparation of design documentation for arranging touristic infrastructure near the Motsameta Monastery Complex; Preparation of design documentation for arranging touristic infrastructure near the Katskhi Monastery Complex and for reconstruction of preasts’ dwellings and buldings for preachers; preparation managing plan for The world Heritage Site – Gelati Monastery; arranging amenities for cultural heritages nearby the Monastery Gelati and Ubisa; Rehabilitation of pavement of ring and its drainage system at Tskaltubo (II Phase); rehabilitation of “Cold” Lake and roads, tracks and drainage system at the Central Park of Tskaltubo(II Phase); construction of buildings for touristic purposes at the Central Park of Tskaltubo, as well as nearby of “Cold” Lake; Construction of administration office for the resort; Greening and installation watering system at the Central Park of Tskaltubo and the “Cold” Lake; Rehabilitation of outdoor lighting at the ring road of Tskaltubo, Central Park and surroundings of “Cold” Lake; Rehabilitation works of Municipality and Theater of Tskaltubo; Inner rehabilitation works for the building of “City Assembly” and Railway; Rehabilitation of footbridges; Rehabilitation of archaeological museum of City Vani (completion of construction a new building of the museum) (II phase); under the scope of Regional Development Project II providing consultancy service for the planned projects in Imereti Region; Rehabilitation-conservation works of Gelati Monastery; Providing safety roofing of Vani archaeological sites and rehabilitating areas of the museum and the resort; praparing detailed design documentation for reservation for Vani Archaeological Museum; providing consultancy service for development of skills and abilities of employees in the service management of Tourism; consultancy service of monitoring and assessing tourism in Imereti region; Preparing variation package of design documentation for Katskhi and Ubisa Monastery; praparation managing plan of tourists for specific cultural heritages.

- **Kutaisi Solid Waste Management Project (KfW, EU) - 25 03 09**

- Within the framework of the project, based on the tenders announced according to KfW guidelines and regulations, two consulting companies have been awarded and, consequently, the parties signed an agreement:
  - ✓ Project Implementation Consultant – ERM (The contract was signed on 9 June 2015), which is financed from the Loan.
  - ✓ -Accompanying Measures Consultant – PEM Consult (The contract was signed on 21 April 2015), which is financed from the Grant.
- On the selected area for the new sanitary landfill (the former soviet military base) special surface clearance works were executed by the British Humanitarian Demining organization "Halo Trust" which was contracted by the Company.
- Project Implementation Consulting Company has studied potential territories for transfer stations in Samtredia, Sachkhere, Tkibuli, Ambrolauri, Oni and Tsageri Municipalities. The process of analyzing results of Feasibility Study and making updates has been carried out. Due to preparation of landfill design, the selected consultant has conducted topographical survey of the territory and developed documentation (as the basis of landfill design).

- **Construction and maintain of Ski and mountain Infrastructure in the Upper Svaneti -25 03 11**

Under the subproject:

- ✓ Contractor organization, which carried out the works on soil, has accomplished 95 % of contractual obligations;
  - ✓ Under the RMS contract, contractor organization has carried out the works associated with ropeway T2. In addition, during this period construction of administrative office, control cabins, garages and other additional infrastructure was completed.
  - ✓ During the reporting period, T3 and T4 ropeways were installed.
  - ✓ The agreement has been signed over design service for TH and T7 ropeways and nearby infrastructure and associated works were carried out.
- **Rehabilitation and Reconstruction of Chiatura's Gondola Lifts (Government of France) - 25 03 12**
  - During 2015, under the scope of reconstruction-rehabilitation Project of Kutaisi Ropeways, French Company "Pomagalski" carried out investigation of ropeway track directions. Resettlement Action Plan was developed which has created basis for land acquisition. Design Documentation was prepared for construction works.
- **Third Regional Development Project (Samtskhe-Javakheti and Mtskheta-Mtianeti) (WB) – 25 03 19**

➤ During the reporting period the following activities have been implemented under the subproject: In Stepantsminda, design documentation and cost estimate were prepared for rehabilitation of Aleksandre Kazbegi historic museum; design documentation and cost estimate were prepared for the access road to Bagineti Archaeological Complex in Mtsketa Municipality; rehabilitating access road to Gergeti Temple and path to the Trinity; Preparation of Design documentation and cost estimate for parking space of Dariali Monastery and for rehabilitation works on path accessing the monk houses; Preparation of Design documentation and cost estimate for access road to Sapara Monastery, Akhaltsikhe Municipality; the contract was signed to implement rehabilitation works on the access road to Sapara Monastery; the contract was signed to prepare Design documentation and cost estimate for arranging touristic infrastructure nearby the Monastery Complex; Preparation of Design documentation and cost estimate for rehabilitation access road to Gogasheni village and safety measures arrangement in Akhalkalaki Municipality; the contract was signed to prepare Design documentation and cost estimate for Bakuriani central paths arrangement works; the contract was signed to prepare Design documentation and cost estimate for developing touristic infrastructure at Bakuriani recreation park; the service to prepare Design documentation and cost estimate for Ananuri Castle Complex; Consulting Service for economic and fiscal analysis for the third project of regional development; Procurement of the UNESCO Consultancy Service for the National Agency of Cultural Heritage; Reimbursement of the World Bank Loan Service.

- **Kobuleti Wasterwater Project (EBRD, ORET) -25 04 01**

➤ During the Reporting Period under the scope of subproject, wastewater treatment plant was under construction in Kobuleti. Due to delays in project progress, contract with the contractor has been terminated. On this stage, new tender has been announced for completion of works.

- **GeorgiaWater Infrastructure Modernisation project (EIB) -25 04 02**

➤ During the Reporting Period under the scope of subproject, water supply system rehabilitation project has been completed in Chokhatauri (III phase) and Zestaponi. Water supply system rehabilitation was carried out in Terjola.

- **Water Infrastructure Modernisation Project II (EIB, EU) -25 04 03**

➤ During the Reporting Period under the scope of subproject, watersupply system and pipeline rehabilitation project has been carried out in the following towns: Akhmeta, Lagodekhi, Sagarejo, Telavi-Kurdgelaure, Gurjaani, Oni, Tkibuli, Zestaponi, Abasha, Khobi, Senaki, Ozurgeti, Kareli, Tetrtskaro, Tsalka, Bolnisi, Akhaltsikhe-Aspindza, Likani-Tsagveri, Dusheti, Tsnori, Sighnaghi; Out of abovementioned projects the works completed in Oni and Gurjaani, works are still ongoing in other sites; Engineering supervision service has been provided for the construction and rehabilitation works under the scope of European Investment Bank financed Projects.

- **Supporting Sustainable Wastewater Management (SIDA) - 25 04 04**

- Abovementioned Project had been started since 2014 and the following activities were conducted during 2015: preparation of feasibility study for wastewater treatment plant rehabilitation in Telavi and developing technical specifications for treatment plant in Tskaltubo and Telavi; preparing environmental impact assessment for wastewater treatment plant in Telavi and Tskaltubo.
- **Urban Services Improvement Investment Program (Water Supply and Saverage Sector) (ADB) - 25 04 05**
- According to the contracts, the works have been executed in Mestia Municipality, Anaklia, Kutaisi and Poti and the main purpose was to arrange water supply system. The contract has been signed for construction works of Ureki water supply and wastewater system.
- **Support for internally displaced persons –(25 05)**
- During the reporting period the following activities have been implemented under the subproject: In Poti, suburb of Maltakva, external hydro and thermal insulation has been made for 32 buildings of Internally Displaced People; Construction of 10 buildings and external engineering infrastructure, rehabilitation of surrounding of the territory for IDP in Zugdidi City; Additional Rehabilitation Works: in Tskaltubo, former sanatorium building “Elektro Meurneoba,” in Kutaisi – former building for musical boarding-house and in Poti former boarding house “Aieti;” Construction of offices for supporting IDP integration process in Kutaisi, Poti and Zugdidi; taking respective measures for IDP social-economic integration; procurement of buildings for IDP resettlement in the long term; providing engineering supervision service for rehabilitation works of buildings for IDP in the western Georgia; Operational costs have been made for purchasing equipment and necessary technics under the scope of project; implementing the works associated with improving sanitary and living conditions, water supply system and drainage system for 3 cottage type settlements in Mtsketa-Mtianeti and Shida Kartli (Frezeti, Mokhisi, Tsilkani). The partial rehabilitation works in 6 collective centers of IDP have been implemented in Imereti and Samegrelo-Zemo Svaneti Regions; Rehabilitation of irrigation system in Tiriponi and Saltvisi; Rehabilitation of former hospital to turn into building for IDP in Kutaisi; preparation of design, tender documentation and supervision service for rehabilitating 8 hospitals for IDP to live in; preparation of project and tender documentation and consultancy service to build 28 collective center for IDPs; providing consultancy service for rehabilitation works in 6 former hospitals and 22 collective centers to arrange buildings for IDP; other consultancy and supervision service for arranging buildings for IDP to residency.
- **Improvement of Penitentiary Insfrastructure and create of industrial zones –(27 02 01 02)**
- Ongoing repairing works of separate buildings and rooms have been accomplished in the 15 institutions of Penitentiary System; among of them: existing barber’s shop has been repaired in the yard of 3 institutions, rehabilitation of the yard of new administration building and adapted infrastructure for people with special needs has been made in 2 institutions; also infrastructure for industrial zone in N16 institution was started in 2014 and finished successfully. Guard Cabin has been built in Batumi. At three institutions of Penitentiary System, all necessary infrastructures have been made for psych-social rehabilitation center “Atlantis.” The works to build a new institution in Laituri are in progress, which started in summer of 2012. Designing and engineering works are in progress to build new complex for 14-21 year old prisoners.
- **Provide Educational institutions with the information - communication technologies –(32 05 01 02)**



- 6594 units of computers have been purchased which handed to 569 public schools.
- **Development Infrastructure of Educational Institutes –(32 05 02)**
  - New public schools were constructed in Bughasheni and Zeda Vani and different rehabilitation works have been carried out in 507 public schools.
  - The works have been implemented to arrange medical room in 187 public schools; also, medical equipment has been purchased and handed to 190 public schools.
  - Design Documentation and cost estimate have been prepared for the following public schools: N105, N217 and N219 in Tbilisi and schools in Baileti, Jumati, Tianeti building, Town Ureki Tsvermaghala Building, N2 and N3 public schools in Ozurgeti, village Ivandidi, N3 and N4 schools in Khoni, Khoni Municipality, building of Chali, villages of: Supsa, Chibati, Kormaghali, Tolebi, legal entities – Samtredia N7, public schools at Didi Jikhaishi, 8 public schools damaged by the natural disaster, rehabilitation of burnt public school in Jvarisa village at Ozurgeti Municipality; also schools of the villages: Arali, Shua Amaghleba, Ior Mughanlo, Marneuli N1, Argveta, Zemo Kachreti, Zoti, Zghuderi, Tbilisi – N3, N14 and N158, Tvaladi, Tortiza, Kazreti N2, Kasumlo, Kvaliti, Kaspi N1, Osiauri, Tkibuli N7, Khovle public schools demolishing projects.
  - Implemented changes in kitchen equipment at Tbilisi public school N 200 and school was supplied with kitchen accommodation.
  - Public School N179 was financed in order to conduct implementation works.
  - Design for rehabilitation works has been made for 18 public schools (villages: Tadzrisi, Atotsi, Asureti, Tsilkani, Kelktsseuli and Baraleti public schools, Tbilisi public schools: N165, N151, N198, N70, N191, N64, N123, N60, N165 and Poti public school N12, Khashuri public school N8 and construction projects of public school at Iormughalo Village.)
  - The gaps in heating system of public schools have been studied and prepared cost estimate and design for rehabilitation works in nearly 50 public schools.
  - The following projects have been prepared for the different schools: ribbing project of wreching educational building and gym, ribbing and reconstruction project of gym in Lajani village public school, construction projects of Tbilisi N53 public school, Dedoplistskaro N1 public school, Surami N1 public school, arranging heating system and building in public school of Tushurebi: (ramp and stair); rehabilitation project of village Bugeiuli (stairs); village Lesicheni (ramp and stair).
  - Measurements have been made at nearly 550 public schools and prepared respective documentation of design and cost estimate.
  - At 12 vocational colleges, different types of rehabilitation works have been accomplished;
  - Due to unprofessional performance of construction company which was responsible for the vocational colleges: “Tetnuldi,” “Opizari,” “Mermisi” and “Modusi”, design and cost estimate have been made for the incomplete rehabilitation works;
  - 15 vocational colleges have been financed for rehabilitation works and to be equipped;
  - Prepared different rehabilitation projects, such as: adding to a building “Mermisi” college, building shop for beekeeper assistant at social college “Aisi”, building a fence around the Senaki(Professional Education) branch of the lalag entity Zugdidi State Educational University and rehabilitation of vocational college “Tetnuldi;”
  - The works to arrange fence have been completed at “Gldani Professional Preparation Centre,” also rehabilitation works have been done at the vocational colleges “Lakada” and “Tetnuldi” supporting building; “Tetnuldi” gym has been reconstructed and amenities of outside surroundings have been made; measurement works have been done for arranging elevator facilities at five vocational colleges, prepared

- design documentation and cost estimate for elevators. Heating system for building in Kvemo Alvani situated on the territory of vocational college “Aisi.” Project of fence for vocational college “Modusi.”
- The existing issues have been studied and the associated measures have been taken for planning modular training in the vocational colleges.
  - Vocational Educational institutions were equipped with the following equipment: 10 institutions were supplied with 34 unit projectors, 8 institutions were supplied with 13 unit photo camera, 2 institutions were supplied with 30 unit PC for graphic designing; 2 unit video camera, 2 unit fridge and vent equipment. 7 institutions were supplied with 135 unit UPS, 11 vocational college – office accommodation and shutters; for vocational institutions fire equipment has been purchased and handed over.
  - 250 computers have been procured for 9 institutions which implement vocational educational programs;
  - Office furniture has been procured and handed over to the legal entity – Tkibuli Mining Technology Institute of Georgian Technical University.
  - Project design has been prepared for construction/rehabilitation works at 10 higher education institutions, which were financed accordingly either.
  - Cost Estimate has been prepared for implementing rehabilitation works at Legal entity – Korneli Kekelidze National Centre of Manuscripts; heating system has been completely made and surveillance equipment has been handed to the center.
  - Design for rehabilitation of Legal Entity – Shota Meskhia State Teaching University of Zugdidi completed;
  - design documentation and cost estimate were prepared for rehabilitation of Legal Entity – Georgian National Academy of Sciences and library of Legal Entity – Georgian Technical University, also reconstruction project for buildings of the Legal Entity R.Agladze Institute of Inorganic Chemistry and Electrochemistry and for roofing and guard cabin at Legal Entity – National Scientific Library.

### **Cultural Heritage Protection Program –(33 04 02)**

- Cultural Heritage Preservation of Georgia and Rehabilitation, Assessment of Cultural Heritage, Preparation of initial design documentation for rehabilitation and providing legal service in cultural heritage field.
- Prepared the design and predesign documentation of rehabilitation for the following cultural heritage sites of Georgia: Norashen Church, Zemo Svaneti Tower, Church of Virgin Mary and Fortress in Atskuri; Puppet theatre (I phase) located at Aghmashenebeli Str. N103 in Tbilisi; Zugdidi Botanical Garden at Dadiani Palace; Stone conservation of Mtsketa Jvari Monastery; Railway House located at Aghmashenebeli Str. N127, Tbilisi; Chabukiani Tbilisi Ballet Art State School, Chubinashvili. N49, Tbilisi; Shota Rustaveli Theatre and Film Georgian State University, Rustaveli Ave. 19, Tbilisi; Former Polytechnic College, Ushangi Chkheidze Street N8, Tbilisi; Residential Building located at Queen Tamar Str.19, Sighnaghi; Exploration and archaeological study of Grakliani Hill; Exploration and archaeological study of Bertakana area at Vardzia historical-archaeological complex; Abulmugis Church; Tsopi, the aisles of the Church; Roofing of damaged dome at the Virgin Mary Church at Didube, Tbilisi; Residential Building near St. Nickolas Church, Tbilisi; Tbilisi Youth Palace; Khobi monastery palace; Machi Castle, the aisles of the church; Tskarostavi Church; Upper Bethlehem Church; Foundation reinforcement of the north wing of Martkopi Monastery of Deity; Khovle village, rehabilitation of Akveduki; Protection roofing of archaeological Castle (Dzegvi); Village Nadibaani, Church of Virgin Mary; Second Tola, the aisles of the church; Damaged columns consolidation of Katsareti Trinity; Rehabilitation of 5 towers at Zemo Svaneti; Village Boriti, st. George Church; Vaja-Pshavela Museum; Village Dartlo, building N70, st. George Church; Village Skhvitori, Akaki Tsereteli State Museum (Rostom Style Palace) and the church located on this area; Architectural and archaeological complex of Nokalakevi; Kumurdo domed church;

- Preparatory works have been implemented in the following sites: making inventory of nearby territory of Ghalia Monastery in Cyprus and historic part of city Larnaca; arranging 3D laser scanning of Ghalia Monastery Complex in Cyprus and preparing architectural and archaeological measurements;
- City of Mtskheta, the painting of alter at Samtavro Cathedral; Chelishi Desert Church of Virgin Mary; arranging roofing of archaeological site at Gelati Monastery Complex;

**❖ Restoration-Rehabilitation of Georgian Cultural Heritage Sites; Archaeological Study-Conservation of the Sites and Conservation of Wall Paintings at the Cultural Heritage Site**

- In 2015, under the scope of restoration-rehabilitation of cultural heritage, the following restoration-rehabilitation works coupled with conservation and archaeological studies of Cultural Heritage Sites were accomplished: rehabilitation works of infrastructure for exposition-investigation base at Vardzia Complex; Urgent Rehabilitation works of recently discovered church at Dodo's Rka Monastery Complex that belongs to David Gareja; City of Mtsketa, Urgent rehabilitation of Bebristsikhe Substruction (III phase); Archaeological work at Armazi, complex of Pitiakhshi; archaeological excavations at Bagineti; Conservation of remains revealed during the archaeological excavations at the eastern part of Alaverdi Cathedral; As the part of preservation of Vardzia Cave Town Monastery Complex, various studies and associated physical works carried out with this purpose, implemented installation of outer lighting equipment; Rehabilitation of a mosque roof at the village Kvirike; arrangement of St. Matatha Cemetery located at Gonja Castle; Rehabilitation of bell tower roof at Katskhi church; Archaeological excavations of "Grakliani Hill" Monastery Complex; Archaeological excavations of St. Dodo Garejeli monastery; Archaeological excavations of "Kodalo" at village Ziari; Archaeological excavations of Khvamli mountain; Archaeological excavations of Geguti Palace; Archaeological excavations of former city at Didnauri; Emergency rehabilitation of Residential Building located at Queen Tamar Str.10 in Sighnaghi City; archaeological works at Alaverdi Monastery; archaeological excavations of "Grakliani Hill" complex and conservation of old settlement; archaeological excavations of "Berikldeebi"; under the scope of rehabilitation works of Ateni Sioni Cathedral, the following works have been implemented: conservation of south façade of the temple and arrangement of temporary roofing and water drain system in the southern part of the complex; Archaeological excavations of Vardzia Cave Town Monastery Complex; Archaeological excavations of former settlement and church at the village Mskhalgori; Rehabilitation works of towers and Machubi in Svaneti; Rehabilitation works of Anchiskhati Temple (II Stage) in Tbilisi; Ushguli community, rehabilitation of existing buildings at village Chazha (II stage); archaeological excavations at Zeda Tsikhesulori village; Archaeological and conservational works at Dolotchopi (II stage); Skuri Rehabilitation (II stage); rehabilitation of Nogha prison (I stage); rehabilitation of historic and architectural complex of Mutso (II stage);
- Rehabilitation of façade at Metekhi Virgin Mary Church (II stage); Rehabilitation of roof of St. George Church at Adishi, Lachanashi; arrangement of archaeological museum at "Grakliani Hill" (I stage); rehabilitation of Virgin Mary Church at Kldisubani (I stage); Dadiani complex, restoration-rehabilitation of Niko Dadiani Palace (I stage); rehabilitation of the Shoreti monastery complex (I stage); arranging metal rails on the outer platform at Ateni Sioni Cathedral; Rehabilitation of N. Nikoladze Museum at village Didi Jikhaishi (I Stage); Rehabilitation of building of Akaki Khorava National Theatre, city of Senaki (I stage); Rehabilitation of Mirza Gelovani museum, town Tianeti; Rehabilitation of Tiseli domed church; Rehabilitation of the main church of Sapari Monastery Complex (II stage); Rehabilitation of Nabakhtevi Church (III phase); Emergency rehabilitation of stone frame order interior at "Osilande" Church's central hall, village Taia; Emergency rehabilitation works of fence of Khergiani residential building in Lekhtagi, town Mestia;

rehabilitation works of refectory on the Katskhi column; Archaeological excavations at Nokalakevi; rehabilitation works of St. George (St.Nino) Temple, Bodbe (floor arrangement, Phase II) Rehabilitation works of existing church roofing at mountain of Gvalda village; In the Samtavro Monastery, the works to arrange cemetery of St.Gabriel – A Confessor of Christ has been undertaken; Archaeological works at Gudabertka.

**❖ Associated activities with architectural study and rehabilitation works of Vardzia Cave Town Monastery Complex**

- During the reporting period started and is running second monitoring stage survey of condition of ancient cave monastery complex of Vardzia, under handle of high-level expertise methodology and supervision.
- Based on current situation has already been designed water avoidance management project, as well the project of strengthen of the places which is under hazard. Geological condition survey monitoring via meteorological and seismic equipment has still been in progress, at the same time undertake construction material's physic-chemical survey for assessment of cliff structure.

**❖ Implementation of UNESCO conventions and international relationship development**

- In accordance with World Heritage convention, the Cultural heritage Centre of Georgia provided the evaluation reports of conservation conditions of world heritage monuments, what is under hazard (Historical Monuments of Mtskheta; Bagrati Cathedral and Gelati Monastery;
- Galati Monastery Complex planned restoration works was running with active cooperation of The World Heritage Centre by the World Bank under the second project of Regional development of Georgia. There was submitted associated recommendation. The official documents used to be issued to UNESCO Centre, based on the requirements of The World Heritage Convention;
- TWINNING Program implementation by European Union is completed;
- Apollon Kutateladze Tbilisi State Academy of Arts' faculty of restoration and history of Art, in 2015 completed initial designing assessment survey of wall paint at The Church of the Dormition in Vardzia, with involvement and active participation of The Courtauld Institute of Art, which is also a College of the federal University of London and one of the premier art historical institutes in the world to the field of wall paint conservation. In addition the advantage component is educational and professional grading up of Georgian young specialist to the field of wall paint conservation.

**❖ Intangible cultural heritage management, inventory and popularization**

- With consideration of Georgia multi-century historic-cultural heritage, Georgian language is admitted as cultural basement and in accordance with cultural meaning of this heritage "Georgian Alphabet's three ancient species as live culture" was declared as intangible cultural heritage national monument and provided associated documents, to be nominated to the World Intangible heritage of UNESCO;
- National Agency of Cultural heritage preservation participated in UNESCO reporting conference of intangible cultural heritage by Eastern European Regional Union. Georgia was initiated as a member of Eastern-European.
- Competition between the high school students completed in "environmental protection and sustainable use of natural resources traditions in Georgia". The winners were awarded with memorable prizes. Illustrated booklet - "Supporter of intangible cultural heritage" prepared and published under the project.
- Active works were provided for entitle intangible cultural heritage status of the following items: "Tradition of retelling by heard the poem- "Vepkhiskhaosani"; making technology of Churchkhela; The

manufacturing technology of Kakheti local hat; Baking technology of so called “Mom’s bread”; folk dance of women from Svaneti Region; manufacturing technology of folk instrument Changi from Svaneti Region; tradition of “Family Head - kora-makhshvi” from the region of Svaneti; Use of natural resources traditions in the upper region of Svaneti - mineral springs; Burial and funeral tradition in upper part of Svaneti region. Completed the project of "Initial inventory of intangible cultural heritage of Khertvisi-Vardzia-Oloda in Aspindza municipality".

- Completed inventory and process document’s submission through the German variety heritage in Georgia. The program designed in 2015. Program comprise of the following scope of activities: historic settlements of German colonies; urban cloth, iconic and secular, including the public, industrial and residential architecture unique patterns. In addition, the identification of cultural heritage sites, they need urgent conservation intervention.
- There has been carried out the Ottoman monuments monitor on the territory of Georgia. The project of "Cultural Heritage Data Management Geo Information System and GIS Portal of Georgia production" was in progress during 2015. Based on the mentioned program updated and supplemented the information systems of the archive database.
- With cooperation and joint work provided comparative analysis of Cultural Heritage of Georgia general national spatial database and the Norwegian movable and immovable cultural heritage database. Based on the results of this work, emphasized number of important issues for the future development of database;
- Proceeded supplement and permanent testify of Cultural Heritage GIS database (cultural heritage monuments/sites, moving monuments/objects, wall painting and stone sculpt)
- The National Agency for Cultural Heritage Preservation participated in establishment of National Spatial Data Infrastructure (NSDI)
- Provided trainings for the stuff of The National Agency for Cultural Heritage Preservation service centers, museums and nature reserves to practice working skills.

#### ❖ **Museum-Reserve and Museum Expositions;**

- Completed renovation works of Ekvtime Takhaishvili Guria archeological museum building and yard (II phase) in Ozurgeti. Prepared Armaziskhevi for designed project of exposition hall of “Pitiakhshta” complex; Niko Piroshmanashvili state museum undertaken rehabilitation works of exhibition halls in Mirzaani; Officially opened Liakhvi valley museum-reserve administrative office and cultural heritage information center in Gori. There is provided exposition of Liakhvi basin reach historical and archeological monuments.
- The National Agency for Cultural Heritage Preservation continued the series of publication – “Museum, History, Artifact“. In 2015, under the above mentioned series prepared and published: „Niko Piroshmanashvili Private case” and “Niko Piroshmanashvili State Museum”.
- Provided the project of survey and conservation-rehabilitation works for Piroshmani artworks which required rehabilitation: “Shota Rustaveli” and “Woman with Easter eggs”. Based on the investigation undertaken restoration works. Restorate pictures returned in Mirzaani.
- Organized the following exhibitions: "In Old and New Borjomi"; "Piroshmani from Mirzaani museum collections"; Niko Piroshmanashvili artworks exhibition, preserved in state museum funds; "Borjomi"
- Completed restoration works of Niko Piroshmanashvili two pictures: “Shota Rustaveli” and „Woman with Easter Eggs”; which is preserved in Niko Piroshmanishvili state museum.
- Completed a state archeological museum housing estate of Late Bronze Age (Principality of settlement) and the Municipal Museum exhibits scanning and virtual reconstruction (II phase)
- Completed Georgian illuminated manuscripts (IX- XIX centuries) involved in the decoration of the thumbnail database necessary measures II phase; Arranged archaeological field in Nokalakevi and prepared

educational program "Children Archeology". Implemented the project - "Kakheti region pupils-cultural heritage envoys"

- Due to popularization of cultural heritage, prepared and printed the following publications: catalog "Book illustration XX century", the annual journal next number - "Old Art Today", published book - "Kutaisi Archeology"; Electronic Journal "Online Archeology", a collection "The National Agency for Cultural Heritage Preservation Annual Report 2014-2015 "
- With reference of cooperation through cultural heritage field between The National Agency for Cultural Heritage Preservation and The Norwegian Directorate for Cultural Heritage, funded (149,5 thousand GEL) and implemented the following projects in 2015: Georgian Cultural heritage data management system and cultural Geo Information System (GIS) create and development (phase). Based on the program is completed general Geo-Information System, Provided test regime to pursue a connection and data traffic between the central database and external user.
- Provided workshops for the development of professional skills, in particular: management plan development of Nokalakevi archeological and architectural complex, regarding conservation of Nokalakevi archaeological and architectural ruins of the complex and about reconstruction of Nokalakevi "Wood house".
- Under the project of management development of small and medium size historical cities, were held two International Conferences in Chiatura and in Tbilisi. The scope of the conference dealt with: industrial heritage management and legal mechanisms for the elimination of violations in the field of cultural heritage.

- **Rehabilitation and Refurbishment of Healthcare Facilities – (35 04)**

- Provided repair and installation works of the building, damaged external facade's glasses and lockers changing works, arrangement of the moving partitions and procurement of sanitary services for the national training center.
- Provided the following works for the existence special storage area at the territory of LTD "Mental Health and Drug Abuse Prevention Center":
  - Reconstruction works;
  - Purchase of video-security system;
  - Purchase of Storage access and alarm system;
- During the reporting period provided redemption of medical centers buildings, which were possessed by LTD "Geo Hospital", in the following municipalities: Borjomi (town Bakuriani), Kazbegi (town Stepantsminda), Tianeti (town Tianeti), Tetrtskharo (city Tetrtskharo) and Tsalka (city Tsalka);
- Construction works was undertaking in Zugdidi municipality, village Rukhi multi-profile university clinic and Dedoplistskharo multi-profile clinic (Partial funding);
- Started construction works of multi-profile hospitals in town Kharagauli and town Lentekhi.
- Designed children branch construction of JSC "Tuberculosis and Lung Diseases National Center" and started construction works.
- Equipped with required medical devices the following medical centers: LTD "Tbilisi Children's Hospital of Infectious Diseases", JSC "National Center for Tuberculosis and Lung Diseases,, and LTD "Abastumani Anti-Tuberculosis Hospital"
- Purchased 20 four wheel Ambulance Vehicle, for impediment work with ambulance special equipment; computer and home appliances for PLEP – "Emergency Center"
- Mobile dispensary was procured in order to increase the availability of medical services.

- **improvement of Electricity and natural gas supply for population –(36 01 02)**

- In accordance with Government Decree, regarding “Required activities for supply of Natural gas for residents in Georgia”, designing and construction works were in progress in the following municipalities: Lagodekhi, Kareli, Kaspi, Oni, Dusheti, Ozurgeti, Tkibuli, Tskaltubo, Zestafoni, Abasha and Zugdidi. For the implementation of the mentioned works, transferred 20 million in to budget LTD "Georgian Gas Transportation Company". As a result of the program gasified 58 settlements. In addition, completed connection works to the gas pipeline of the consumers at 60 settlements what is at the demarcation line of the occupied territory. Natural gas is accessible for 12 672 consumer.
- During the reporting period completed electrification works. The following villages electric supply and associated electric infrastructure was taken under exploitation after the program: village Noja, Koshkaskheli (Tsobano), Nojiketi, lower and upper Gharistskhali, Chonto and Moliani settlement (Natanebi). Completed electric supply lines construction works and expertise work was in progress for the village Lelubani in Mtskheta municipality and village Ekseliseebi (Shrosha) in estaponi Municipality.
- Electric supply infrastructure arrangement was consider for the following villages in Lentekhi municipalities: Bavari, Mananauri, Tsrumaldi, Khacheshi, but electric supply lines construction works contract terminated due to non-compliance with the supplier's contractual obligations and the legislation passed by the appropriate measures. Baghdadi Municipality signed contracts for the provision of electricity supply of the villagers.

- **Vardnili & Enguri Hydro Rehabilitation Project (EIB, EU) –(36 02 01)**

- During the reporting period completed rehabilitation works of Vardnilhesi N3 and N2 aggregates; completed 20 and 110 kw open distribution station rehabilitation works. Commission works are in progress with cooperation of JSC “Electricssystem”. N1 aggregate rehabilitation works are planned.
- Under the contract of construction works completed deep water-release construction and non-working water-release was under rehabilitation. Land slide slope strength works were in progress and completely finished 4 km concrete access road construction works. There is planned channel treatment-rehabilitation works of the non-working water-release and after the works of land slide slope completed works.
- Under the contract of hydro-mechanics’ works completed N2 and N3 pressurized pipeline rehabilitation and planned rehabilitation of N1 pipeline, in parallel running N1 aggregate rehabilitation works. Completed deep water-release, inlet channel, non-working water-release and water inlet shields, lifting and another hydro- mechanical devices rehabilitation.

- **Regional Power Transmission Enhancement Project (ADB) – (36 03 01)**

- Construction of new 220/110kw sub station „Khora“ – There is completed Cable ducts arrangement works. Initial equipment installation works are in completion phase, in addition arrangement of sub-station control building, as well fencing works of the sub-station and make installation of the cables. Currently is running: sub-station internal roads installation, secondary circle cable arrangement and preparation works for delivery auto-transformers at the sub-station.
- 500/220/110kw “Ksani” sub-station rehabilitation – Detail design is under the completion phase, to the side of 500kw is running metal-construction dismantle and preparation works for new installations. In addition, is running welding works of the pipes which is considered for 500 kw circle system. At the same time, fabrication works of basement for the equipment is in progress at the territory of sub-station and also they are placed in the initial prepared excavated pits, in the open distribution device, now is running goods storage, to the side of 10kw, preparation works provided. Now it is closed for arrangement of distribution device. At this moment, works are completed for arrangement of office rooms. There is arranged and equipped three additional office rooms. Now is running initial electric devices production works.
- Enlargement with 500m<sup>2</sup> space of “Marneuli” 220/110kw sub station - working for detail design is completed, basement works is in progress, as well reinforcement works of the wall, concrete precast and

excavation works.

- Exchange of Power transformer at “Menji 220/110kw“ sub-station \_ it is submitted and agreed with employer arrangement design of basement for the auto-transformer. Currently running preparation works for dismantle #1 auto-transformer. Detail design is received and under discussion detail plan and working schedule. As well stuff agreement and approval is under agreement process.

- **Transmission Line Project - 500-220 kv "Jvari - Khorga" (EBRD, KfW, EU) – (36 03 02)**

- 500/220kw sub-station construction in Jvari – Completed installation works of 220 kw devices and now is running the works for 500 kw devices, at the same time is running installation of metal-construction. Completed works for control building framework and façade, now is running internal works. The reactors are placed on site. Now is running drainage system arrangement. Completed power transformers manufactural testify. Partly undertaken transformer installation at the territory of sub-station. Now was running marking lines for grounding.
- 220kw electric transfer line construction sub-station “Jvari” - sub-station “Khorga” (60kw) and existence electric transfer line “Caucasioni” interapt in the sub-station “Jvari” (8km) – there is submitted 99% of the design, it is discussed and agreed. Proceed 220kw and 500kw electric transfer lines basements arrangement. Permission regarding displace the trees is already received, except the trees included in the Red Book. There was running access road construction works for 220kw electric transfer line construction.

- **Construction of 220 KW "Akhalsikhe-Batumi" line (WB) –( 36 03 03)**

The contract was signed regarding Akhalsikhe- Batumi 220kw double electric transfer line construction, between JSC “Georgian State electric system” and Indian Company – KEC. Under the contract was considered from Batumi to Akhalsikhe approximatly 142km length, 220 kw double-line electric transfer line construction. Detail designing was in progress, as well survey and preparation works of construction territory. Settlement acting plan one part is approved and continues work for another three plan.

- **Modernisation of irrigation systems– (37 01 03)**

Procure amelioration techniques, in particular: 6 units of different power-pump aggregate; 2 units of electric valve with electric motor; 4 units of various types of electric motors; 37 units of transformers; 1 unit diesel generator; Isolator 122 units; 8 vacuum pump unit; 2 unit complex transformer substation; 6 units of pump and various types of pump-aggregate with set of frame; 8 units of different power asynchronous electric motor with a 2-stage release electric control switchgear; 2 unit complex transformer substation; 22 units drillers; 30 units of concrete vibrators sets; 42 units angle grinders and angle grinder with battery charger; 15 unit driller and battery charger of driller; 30 units of concrete vibrators sets; 100 units of grass mowing scythe; 19 units of perforator; 15 units of the navigation device; 10 units IVECO pump sets; 1 unit of fuel measuring pulse outputs; 1 GPS receiver GS08 surveying unit and the other set, as well there is purchased vehicles, in particular, 7 units FORD FIESTA and and 9 units Hyundai Elamtra 1.6 M / T.

- Works provided and completed on 44 amelioration infrastructure sites in 2015:
  - ✓ Rehabilitation is being implemented on Zemo Samgori irrigation system’s headwork on Tbilisi Reservoir, low main channel and secondary distribution canals (g-5, g-5-1, g-6, g-15 and g-16 7120 h)
  - ✓ Rehabilitation works of Teisi-Okami irrigation system magisterial canal filtration section;
  - ✓ Rehabilitation works of Zemo Samgori irrigation system’s upper magisterial canal arranged Satskhenisi and Tetrikhevi fast flow and lower magisterial receiver external lightening;
  - ✓ External lightening of pumping station in the village Lezhbadini, in Marneuli Municipality;
  - ✓ External lightening of pumping station in the village Khvedureti in Kareli Municipality;



- ✓ External and internal lightening of pumping station in the villages Aki-Khando-Kotelia and Zresi, in Akhalkalaki municipality;
- ✓ External lightening of pumping station in the village Vakiri, in one of lower Alaani irrigation, in Sighnaghi municipality;
- ✓ External lightening of pumping station in the settlement of Choloki, Kobuleti municipality
- ✓ External lightening of pumping stations –“Purni” and “Jebiri” for irrigation of Savargulo in village Ateni;
- ✓ External lightening of the pumping station for mechanical irrigation system in village Pirosmiani;
- ✓ External lightening of pumping station in village Bakurtsikhe, in one of lower Alaani irrigation system;
- ✓ Rehabilitation works of Chala canal irrigation system magisterial and first distribution line over river Mtkvari, with beside inlet headwork arrangement rehabilitation works;
- ✓ Provide irrigation water and arrange of feeding canal from self-flow supplier river Nikrula to the village Mereti, Kere and Karbi (partly) Savangulebi, at the dividing line of Tskhinvali region.
- ✓ Rehabilitation works of internal network and first and other level distribution lines, on the magisterial irrigation pipeline of Sasireti irrigation system, over the dam of river Tedami, beside water inlet headwork arrangement rehabilitation works;
- ✓ Reconstruction- rehabilitation works of existence new Sadakhlo irrigation system’s headwork and magisterial canal two damaged section (pk107+46÷ pk107+94 and pk109+74÷pk110+52) in Marneuli municipality, as well at the territory of the municipality, Lezhbadini pumping station at designed power rehabilitation, in the one of Khram-Arkhi irrigation system 1400 h agricultural area irrigation water provision rehabilitation works;
- ✓ Rehabilitation Works of magisterial canal pk (264+27 and till pk358+14 ) at Tiriponi irrigation system;
- ✓ Arrangement of fixed pumping station and provide agricultural area irrigation water, in Gori municipality at the dividing line of Tskhinvali, located Zeghduleti community villages: Kirbali and Bershueti, Akhalubani community villages: Akhalubani and Adzvi.
- ✓ Rehabilitation works of magisterial canal branch N1, I and secondary distribution line and magisterial canal & branch N1 additional supply from the river Narekvavi, at Lami-Misaktsieli irrigation system.
- ✓ Arrangement of Tsiskari, Bagrati and Debeda canal irrigation system magisterial canals, I and other level distribution and internal network rehabilitation works and river Debeda not dam, beside water inlet headwork.
- ✓ Rehabilitation works of Dmanisi-Gantiadi irrigation system magisterial canal I and other level distribution, Iakublo and Pantiani water reservoirs’ headwork, inlet and water delivery canals and over existence hydro technical construction;
- ✓ Rehabilitation of Kvemo Samgori irrigation system left magisterial canal g-9, its second and other level distribution and internal network.
- ✓ Rehabilitation works of Almalo-Mujakheti irrigation system, Almalo pumping station, magisterial pipeline I and other level distribution and internal network.
- ✓ Provided works of anti-filtration of Tiriponi irrigation system magisterial canal section pk166+93÷pk183+37 ℓ=1644m at village Plavismani;
- ✓ Lami – Misaktsieli irrigation system magisterial canal ( from pk39+30 till plk42+30-; from pk44+00- till pk 46+15; from pk51+43 till pk52+40; from pk52+80 till pk70+20 and from pk73+60 till pk80+10, from pk104+60 till pk105+00, from pk107+00 till pk107+60, from pk108+60 till pk109+20) branch N1 (from pk3+00- till pk4+50, from pk28+00 till pk28+50,) provide anti

filtration activities and reconstruction of damaged section of gallery (from pk70+20-till pk73+60) of the magisterial line

- ✓ Rehabilitation of pumping stations N1 and N2 array of Chaladidi drainage system, between rivers Rioni-Khobi;
  - ✓ Rehabilitation and reconstruction of pumping stations “Purni” and “Jebiri” for irrigation of village Ateni agricultural territories.
  - ✓ Rehabilitation Works of pumping stations of the village Zresa and Zaki-Khando-Kotelia, in Akhalkalaki municipalities;
  - ✓ Rehabilitation works of mechanical irrigation system in village Pirosamni, in Dedoplistskharo municipality territory (I phase)
  - ✓ Arrange of water delivery pipeline and small water dagger (irrigation by modern technology for landowners), in the zone of Zemo Alazani irrigation system (village Vachnadziani),
  - ✓ Reconstruction - Rehabilitation of Khvedureti pumping station arranged on Skra-Kareli Magistral canal;
  - ✓ Reconstruction- Rehabilitation of designed profiles (increase flow transfer) at river Pichori straight line section (water inlet and water outlet) and over that arranged construction rehabilitation from pk0+00 till pk49+50 (I level);
  - ✓ Rehabilitation of magisterial water canal for the first and other level water collectors and internal drainage canals rehabilitation at Khobi Utori Array (village Torsa Khamiskhuri);
  - ✓ Rehabilitation of drainage system at “Anjeli” array of Abash municipality (I level);
  - ✓ Restoration of N1 and N2 Kavtiskhevi pumping station building and pressurized pipeline one line reconstruction (I level);
  - ✓ Reconstruction-rehabilitation of drainage array of Dedabera-Nigvziani and Supsa, mountain canal (water inlet and water outlet) designed profile (increase transfer capacity)and existence over this hydro-technological building (11km);
  - ✓ Rehabilitation of Saltvisi irrigation system distribution section for irrigation of village Dvani agricultural territory;
  - ✓ Reconstruction-rehabilitation of Tashiskari g-1-4 distribution section from pk136+00 till pk 151+09;
  - ✓ Treatment from sediments of Tbilisi water reservoir part of small sea bottom (to receive water in water inlet chamber);
  - ✓ Rehabilitation works of river Rioni right bank ground (Rioni-Khobi arrays) drainage system N2 pumping station nearby located MD-2 canal and part of inlet collectors;
- During 2015 amelioration infrastructure sites, works were undertaking at 21 sites, in particular:
- ✓ Rehabilitation of village Natanebi drainage system Between rivers Rioni- Choloki arrays (system external drainage arrays) (I level);
  - ✓ Rehabilitation works of mountain canal irrigation system magisterial canal, other level distribution and internal network;
  - ✓ Rehabilitation works of Imirasani irrigation system headwork, magisterial canal I and other level distribution and internal network (II phase);
  - ✓ Rehabilitation works of Ajameti irrigation system headwork, water inlet, sediment sump, magisterial canal, I and other level distribution and internal network;
  - ✓ Rehabilitation works of rescuer irrigation system magisterial canal g-1-8 (from pk0+00-till pk32+00), g-1-9, g-1-10, g-1-10-1 and g-1-11 distributions, Geguti canal (from g-2-7 distribution till the end) g-2-2, g-2-3, g-2-5, g-2-6, g-2-7 and their second and other level distributions and internal irrigation network (4750 h II level);

- ✓ Reconstruction-Rehabilitation works of Khoni-Samtredia irrigation system headwork;
- ✓ Rehabilitation works of Kavtiskhevi I and II lifting pumping station internal and external electric supply system and mechanical part in Kaspi municipality;
- ✓ Reconstruction-rehabilitation works of Narekvavi reservoir dam and over flow reroute;
- ✓ Rehabilitation works of ground drainage system in Kobuleti municipality (I level);
- ✓ Reconstruction- rehabilitation works of village Bakurtsikhe pumping station, in the zone of Kvemo Alazani irrigation system, to be used by landholders for modern irrigation technology (I phase) and rehabilitation of Alazani bank ground drainage at the territory of Gurjaani and Signaghi municipalities (I level).
- ✓ Rehabilitation of village Pirosmeni mechanical irrigation system; arrangement of water inlet node and pumping station (II phase) in Dedoplistskhara municipality territory;
- ✓ Rehabilitation of Kazreti irrigation system magisterial canal ( from pk78+10 till pk 100+02);
- ✓ Reconstruction-Rhabilitation of village Akurashi existence culvert at the magisterial irrigation canal of Zemo Alazani (I phase) in Telavi municipality;
- ✓ Reconstruction-Rhabilitation of village Akurashi existence culvert at the magisterial irrigation canal of Zemo Alazani (I phase) in Telavi municipality;
- ✓ Planting on 0.2 hectares territory and 5-year maintenance services in Dusheti Municipal territory, at Zhinvali nearby area of the "300 Aragveli" monument;
- ✓ Reconstruction-rehabilitation of designed proppiles (to increase transfer capacity) and existence buildings on the straight section of river Pichori (water inlet and water outlet) from pk49+50 till-pk 166+20 (II level);
- ✓ Rehabilitation of drainage system of "Anjeli" arrays in the village Ketilari, in Abasha municipality (II level);
- ✓ Rehabilitation of fortress Sulori drainage system in Vani municipality;
- ✓ Rehabilitation of village Darcheli drainage system at the array between the array of Khobi – Enguri (I level);
- ✓ Rehabilitation of drainage collector of the villages Onanuri and Chabukiani.

- **Rehabilitation of Municipal Infrastructure Facilities in Batumi - Phase III (KfW, EU) –(58 10 04)**

- Rehabilitation works of water and wastewater under III phase was planned for utility infrastructure rehabilitation, including urban and added territories of the city. Batumi communal infrastructure rehabilitation under I and II phases, built new facilities for the adequate operation, provided support for Batumi water management. In addition provided training for the staff of technical department of Batumi water Company in water supply, sewerage and drainage systems. Flowmeter installation works for individual consumer in the block of flats provided under supervision in Batumi. Nowadays 50,000 individual subscribers has installed meters. Also, provided assistance in the concept of energy efficiency for Batumi water company development.