

Gross Energy Group

Company Gross Energy was established in 2007; since November 2009 it is operating as Gross Energy Group LLC. Founder members are famous energy specialists, engineers and executives. The team members are of standing reputation and have a long and successful experience in research, designing, construction, supervision, monitoring and management spheres.

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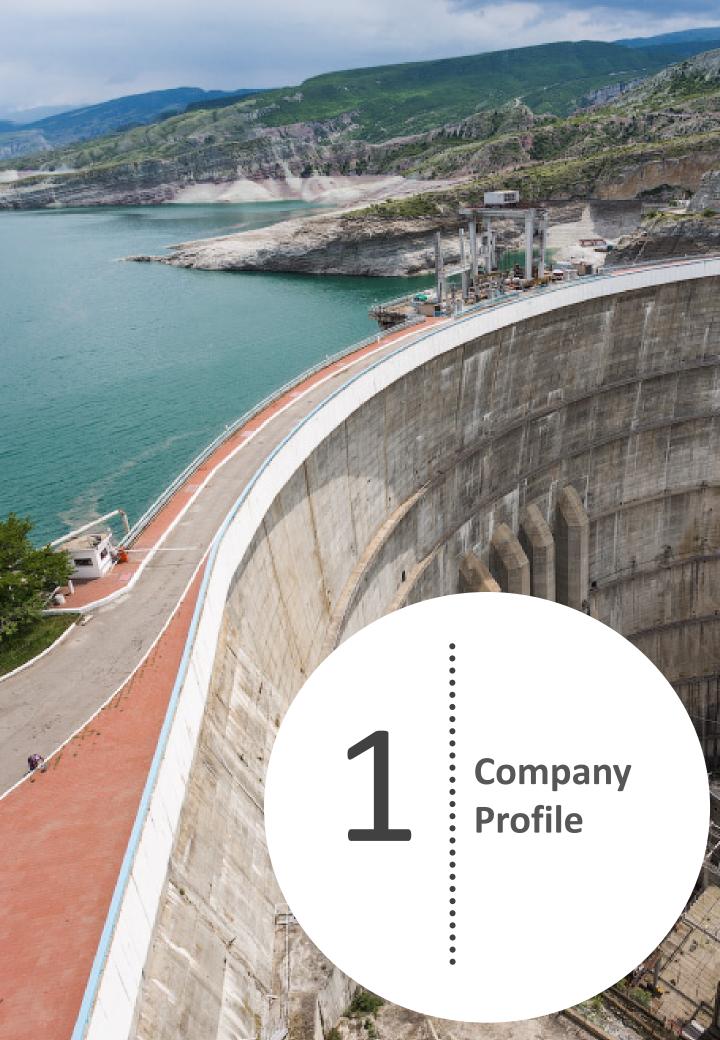
Company together with international and local companies has prepared range of new potential hydropower projects for the investors for further development.

This project was commissioned by the Ministry of Energy of Georgia and comprises 97 small and medium size HPPs.

(http://energy.gov.ge/investor.php?langeng&id_pages=19)







Company Profile

Main Activities of the company are:

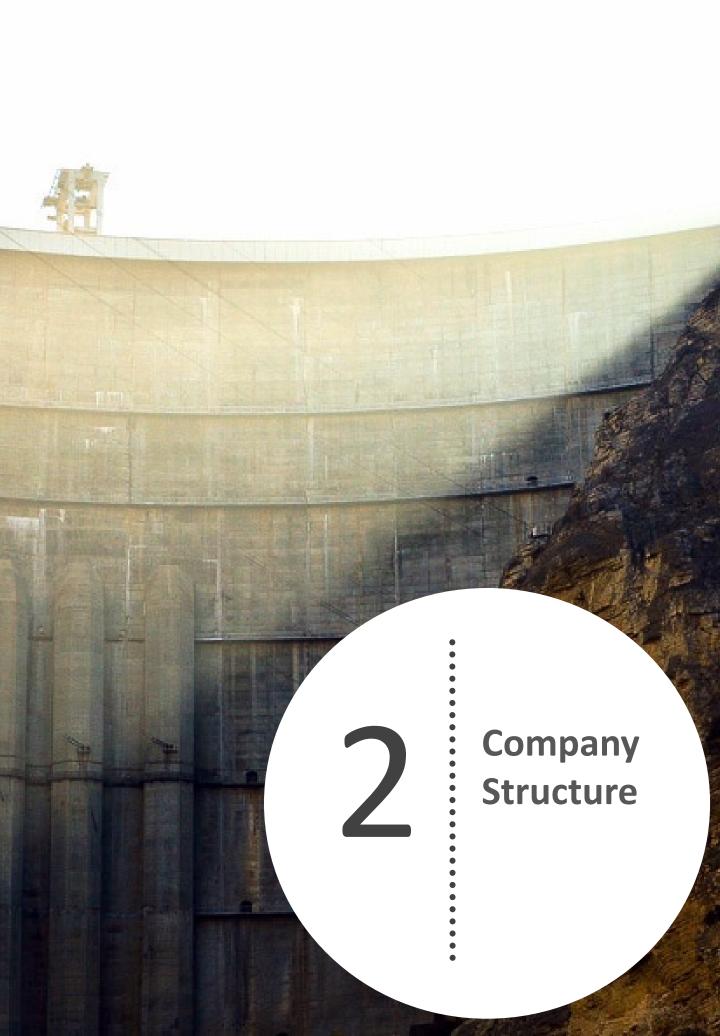
- ✓ Multipart evaluation of energy and infrastructure sectors, assessment of further development and its influence on economic expansion, environmental and social spheres.
- ✓ Considering the systems of construction, management and financing, for separate sites as well as for the whole energy and infrastructure sector in order to identify the feasibility and duration of functioning of the sector.
- ✓ Preparing design and regulatory documentation including technical, commercial, financial, ecological, organizational, social and etc. as well as its adaptation to marketing conditions.
- ✓ Prepare and expertise the layout of emergency situations, conception of engineering-technical documentation.
- ✓ Engineering and consulting services, preparation of investment proposals and business plans for construction of hydropower and water management sites.
- ✓ Economic and financial risk assessment and creation of insurance policy.
- ✓ Environmental and Social consulting services for various projects.
- ✓ Attracting financial sources for investments, cooperation with local and international financial and public institutions.
- ✓ Company envisions fulfillment of different projects in accordance with the state regulation in order to increase the company activity spheres.

The team members

There are approx. 70 qualified permanent and temporary team members, who have been participating in the development and construction of various projects including Enguri Arch Dam, Zhinvali Hydro complex, Vartsikhe HPP, Shuakhevi HPP.







Core Team

Mr. Anguli Tkebuchava - **General Director**, with more than 40 years experience in research, design and consulting. Owner of Gross Energy Group LLC.

Ms. Sophie Chichaghua - Deputy General Director, with more than 20 years experience in project management, consulting and data assessment in Georgia as well as in other countries.

Mr. Irakli Tkebuchava – Chief Financial Officer, with more than 15 years experience in project financing, management and consultancy. He has successfully completed financial closure of several projects.

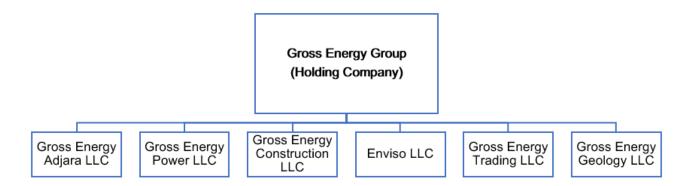
Mr. David Tkebuchava – Chief Operating Officer, with more than 15 years experience in different fields including Property management, Recourses management, Asset monitoring, Purchasing and logistics.

Mr. Vazha Chumburidze – Senior Geologist, with more than 60 years experience in Engineering geological surveys. He has been a team leader in many significant projects developed within the country.

Mr. Zurab Tsomaia – Senior Geologist, with more than 40 years experience in engineering geological field. He has been involved in the development of more than 50 projects.

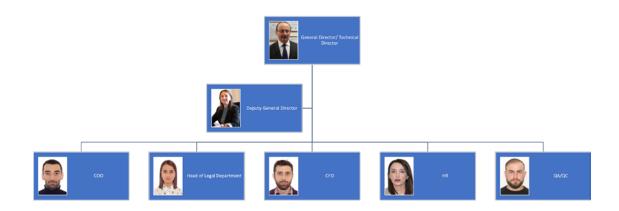
Mr. Aleksandre Ramishvili – Structural Engineer, with more than 40 years experience in engineering sphere. He has completed structural designs for various projects in different sectors.

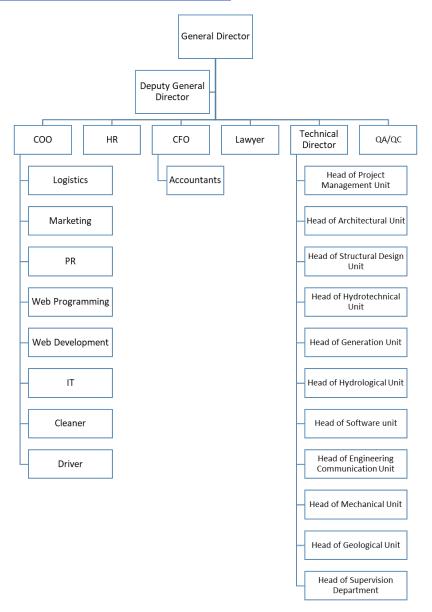
Holding Structure



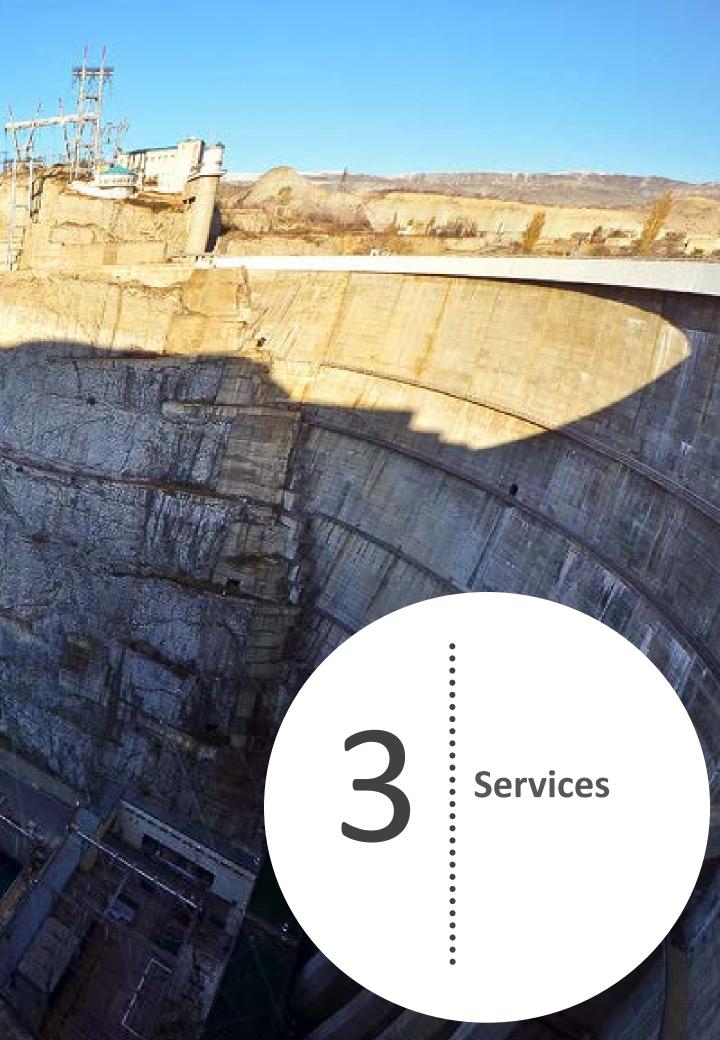


Company Structure









General Services provided by the Company

- ✓ Consulting Services (Feasibility; Due Diligence, Business Plan, Detailed Design, etc.);
- ✓ Design Services;
- ✓ Geodesic survey (Topography and act.);
- ✓ Geology (Drilling and casing, mapping, testing and act.);
- ✓ Geophysics and Seismic Survey;
- ✓ Construction Material Survey;
- ✓ Hydrological measurements, analysis, modeling and etc.;
- ✓ Transmission lines and energy evacuations;
- ✓ Environmental and Social Impact Assessments;
- ✓ Procurement planning;
- ✓ Construction and Construction Supervision;
- ✓ Commissioning and operation;
- ✓ Operation Monitoring;
- ✓ Support during Construction/ Operation/ Licensing and Environmental Permits;
- ✓ Lab Testing (geological, water and etc.);
- ✓ Independent Expertise of any kind of infrastructure project.





Company Gross Energy Group LLC has been providing geological/geotechnical services since the establishment;

Geological Department is led by honored Geologist Mr. Vazha Chumburidze and Academician Mr. Zurab Tsomaia. From 2007 till now company has performed hundreds of geological studies and site investigations, which was the bases for successful development of many projects and their further operation.



In order to expand and improve services, by the support of TBC leasing in 2016 company has purchased Atlas Copcos drilling rig — Boyles C5, which complies with local and international standards. It can drill as deep as 1400m and extract undisturbed core with double core sampler. The purchase of new drilling equipment created additional workforce and enabled company to offer additional services to the Clients. The full training of drilling experts and his assistants took place after purchase, and we have also increased safety and security standards. Considering the above-mentioned, Gross Energy Group LLC offers different types of Geological services to its Clients including site investigation, geological mapping, data processing and etc.



GEO5 is a software suite, providing solution for majority of geotechnical tasks. Individual programs have the same user interface and communicate with each other, while each program verifies definite structure type.

GEO5 Solutions



Stability Analysis

Analysis of slope stability, rock slopes
and MSE walls



Excavation Design
Design and verification of retaining
structures, diaphragm and pile walls



Walls and Gabions
Complex design of gravity, cantilever
and prefab retaining walls



Shallow Foundations
Bearing capacity and settlement of
spread footing, strip footing and slabs



Deep Foundations
Bearing capacity and settlement of piles and pile groups



Settlement Analysis

Analysis of settlement and

consolidation of foundation soil



Tunnels and Shafts
Analysis of tunnels, underground
structures, and vertical shafts



Geological Survey
Terrain and subsoil modeling based on geological surveys



Field Tests

Analysis of structures based on field tests (SPT, CPT, DMT, PMT)





RESECS - multi-channel, multi-electrode DC resistivity meter system

RESECS is a PC controlled DC resistivity meter system for high-resolution research, tomography and monitoring applications. Up to 960 addressable electrodes are connected via one single seven-core cable. Any pair of electrodes might be selected as current injector. Up to eight other pairs might serve as potential electrodes for simultaneous geo-electrical measurements (eight channel operation). The software controlled fast switching of electrodes results in a high data acquisition rate - up to a few thousand data points per hour.



SUMMIT Seismic Data Acquisition System

With seismographs of the SUMMIT family, DMT offers a modular seismic data acquisition system for a wide range of tasks in seismic exploration (e.g. 2D/3D reflection seismic as well as near surface investigations) as well as for passive micro-seismic monitoring and vibration measurements.

Seismic Exploration

The SUMMIT X One is a distributed seismic system specially designed for high resolution 2D/3D seismic surveys. Its unique data telemetry with the lightweight SUMMIT Line cable with SNAP-On technology enables easy and most flexible field deployment even in rough terrain and with complex field layouts. The modular and scalable system built up ensures high field productivity for both smaller systems with less than 50 channels for near surface investigations as well as for larger field deployments with >1000 channels for 2D/3D seismic reflection surveys.



One channel exploration seismograph for high resolution seismic exploration



Multi-channel seismograph for LVL and engineering seismic applications



Value quality seismograph for engineering application





Leica Viva TS11

Device is the most advanced manual total station with imaging and GNSS capability and the inclusion of <u>Leica SmartWorx Viva</u> easy-to-use onboard software. With a complete package of easy-to-use software, your work can start immediately and be finished faster than ever before.

Add full GNSS functionality to your Viva TS11 whenever you want, combine TPS and GNSS in the most efficient way, and use imaging with the unique capture-sketch-link functionality. High resolution total station images can be captured, enhanced with sketching, and then linked to any point of interest. Costly revisits are avoided to significantly improve productivity. Every vision on every scale becomes reality with ease.

Best-in-class imaging



Leica Viva GS14 - GNSS Smart Antenna

Professional reliability when you need the most demanding accuracy. The Leica Viva GS14 is a compact and powerful GNSS smart antenna, suited for any measuring task with integrated mobile communications and UHF modem. The Leica Viva GS14 is easy-to-use with its convenient and integrated design.

This smart antenna is your all-around GNSS instrument for professional reliability when you need the most demanding accuracy. The Viva GS14 is designed to perform wherever, whenever you need.

Leica Viva CS15 & CS10 Field Controller

Comfortable and easy-to-use for all tasks. Designed for extreme environments, you can always rely on your CS15 and CS10 field controllers. They are comfortable to hold and easy-to-use, making them your perfect partner on site.



Alpha Series AL3-32

The Alpha AL3-32 is the lightest, highest density and most accurate survey grade 3D laser mapping system in the world. Designed from the ground up to meet the needs of the most demanding surveying and terrain professionals.





Hydrological Services and Surveys

Gross Energy Group LLC offers comprehensive hydrological services, including early-stage field investigations to detail design to long-term monitoring.

Hydrological services serve as GEG's goal of offering fully integrated engineering solutions.

Data management system

Time series are a product of hydrometric and related surveys and include values of physical parameters over time. Examples are water level, temperature and other parameters describing water quality, like electrical conductivity, acidity, turbidity, etc.

Gross Energy Group LLC places a great deal of importance on professional and secure data management and storage. The company has invested in a data management system. The data management system provides overall data management and the archival of data collected from a variety of sources, and is also used to process, analyze, visualize and report all measured data.

Services:

- ✓ Groundwater monitoring
- ✓ Surface water analysis and monitoring
- ✓ Flood Modelling and zoning GIS, MIKE11
- ✓ Multi-annual flow calculations for watersheds
- ✓ Wastewater facilities
- ✓ Water quality monitoring
- ✓ Well logging
- √ Water flow measurement
- ✓ Lab Testing
- ✓ Full Hydrological Reporting
- ✓ Meteorological Survey







Services We Offer

Gross Energy Group LLC provides complete civil engineering design and drafting services for state and municipal governments, commercial developers and industrial clients.

- ✓ Paper to CAD Conversion Services
- √ Basic Design
- ✓ Construction Design Drawings
- ✓ As built Drawings
- ✓ Land Development Design services
- ✓ Electromechanical design Drawings
- ✓ MEP design and drafting services
- ✓ HVAC design services
- ✓ Geospatial Services
- ✓ GIS services
- ✓ Road Design Drawings
- ✓ Engineering Structure Design

Benefits of Outsourcing Civil Engineering Services to Gross Energy Group

- ✓ **Skilled Engineering Team** Our engineers are well trained and have hands-on work experience to handle any type of requests, irrespective of complexity;
- ✓ Providing Best Design Solutions We provide clients with best engineering solutions and guarantee the most efficient and economic outcome;
- ✓ Data Security We have strict confidentiality agreements and data security policies in place and all critical data remains safe with us;
- ✓ **Quality Assurance** We have a multi-stage quality checking process which ensures projects delivered are accurate and error-free;
- ✓ Best Infrastructure To provide the best civil engineering services to clients our team works on quad core processors, uses cloud-based storage, and high security data backup solutions which is the best infrastructure in the industry;
- ✓ Latest Technologies We use the latest tools and technologies to provide quality civil engineering services like AutoCAD, XSteel, 3D Studio Max, etc.;





Key Projects for the Past 3* Years

#	Client, Country	Name	Key Project Features	Completion Year
1	Municipal Development Fund, Georgia	Detailed Design	Tsakhani project Detailed design	Ongoing
2	Hidrocompani LLC, Georgia	Pre-Feasibility Study	Preparation of Pre-feasibility Study for Potskhovi HPP	2023
3	Hunan Road and bridge construction, Georgia	Drilling Works, Geophysical Survey and Laboratory	E60 road construction, tunnel section drilling works with geophysical Survey and lab testing	2023
4	Hidro Development Company, Georgia		Kintrishi 2 HPP pre-feasibility Report	2023
5	Geopower, Georgia	Drilling Works	Drilling works for Dzegvi HPP, lab testing and preparation of overall survey report (100m)	2023
6	Khanistsqalhesi LLC, Georgia	Feasibility Report and Field Surveys	Preparation of feasibility Report with Field surveys for Khanistsqali HPP in western Georgia	Ongoing
7	Morigani LLC, Georgia	Feasibility Reports	Preparation of Feasibility Reports for Ghamrula and Opitara HPPs	Ongoing
8	Mitas Energy and Metal Construction Georgian Branch, Georgia	Drilling Works	Perform Drilling works, lab testing and Geological Report	2023
9	Kvazari LLC, Georgia	Pre-Feasibility Report	Preparation of pre-feasibility Reports for Patardzeuli HPP, Georgia	Ongoing
10	Imer-Energi Kapitali LLC, Georgia	Pre-Feasibility Reports	Preparation of pre-feasibility Reports for 6 sites in western Georgia	Ongoing
11	Zenergyon LLC, Georgia	Detailed design and field Survey	Tsemi HPP detailed design and field surveys	Ongoing
12	Adjaristsqali Georgia LLC, Georgia	Topographic and Geophysical	Topographic and Geophysical Survey for Skhalta	2023
	Geopower, Georgia	Survey Bathymetric Survey	and Didadjara landslide areas Bathymetric Survey for Dzegvi HPP Project	2022
	Chero Consulting, Georgia	Optimisation of Feasibility Report		2023
15	Morigani LLC, Georgia	Pre-Feasibility Reports	Preparation of Pre-Feasibility Reports for Ghamrula and Opitara HPPs	2022
16	lmer-Energi Kapitali LLC, Georgia	Feasibility Study and Detailed Design	Preparation of feasibility Studies and Detailed Designs for 7 HPP in Western Georgia	Ongoing
17	Truso Energy, Georgia	Feasibility Study and Detailed Design	Preparation of Feasibility Study and Detailed Design for 5 different HPP, in Eastern Georgia	Ongoing
18	Kershaveti LLC, Georgia		Preparation of Feasibility Study and Basic Design for Kershaveti HPP on the river Kershaveti, in Western Georgia	Ongoing
19	Khanistsqalhesi LLC, Georgia	Pre-Feasibility Report	Preparation of pre-feasibility Report of Khanistsqali HPP in western Georgia	2022
20	Smart Union Green Power, Georgia	Pre-Feasibility Reports	Preparation of pre-feasibility Reports for 7 sites in western Georgia	2023
21	Adani Renewables, India	Identification of potential PSP Sites and Pre-Feasibility Report	GEG under the scope of the agreement should identify potential Pumped Storage Power Plant project sites in Madhya Pradesh State, preform site visit and further evaluate to finalize the initial findings. After the review by the Client GEG prepares the Pre-Feasibility Report for the selected alternatives.	2023
22	Imer-Energi Kapitali LLC	Pre-Feasibility Study	Preparation of Pre-feasibility Studies for 7 HPP in Western Georgia	2022
23	Hidro Energy Group LLC, Georgia	Topographic Survey	Prepare the stereo photogrammetry map for Atskuri Cascade project, 166 ha, scale 1:1000	2022
24	Adani Renewables, India	Identification of potential PSP Sites and Pre-Feasibility Report	GEG under the scope of the agreement should identify potential Pumped Storage Power Plant project sites in Gujarat State, preform site visit and further evaluate to finalize the initial findings. After the review by the Client GEG prepares the Pre-Feasibility Report for the selected alternatives.	2022
25	LEPL - Levan Samkharauli National Forensics Bureau	Geological Survey	GEG won the Government tender for the field geological survey for Levan Samkharauli National Forensics Bureau	2022
26	Morigani LLC	Solar PV Project	Solar PV project pre-feasibility, Feasibility and detailed design, including construction permit documentation.	Ongoing
27	Tseva hesi LLC	Tseva HPP	Feasibility Study according to the requirements of the Government and signed MOU	Ongoing
28	Bobhesi LLC, Georgia	Technical Documentation	Pre-Feasibility, Feasibility and Detailed Designed of 0.5 MW Bobnevi HPP, followed by permit acquisition and Construction supervision	2022
29	Mardi Construction LLC, Georgia	Technical Documentation	Preparation of permit documentation for Khokhnistsqali HPP 1, 2, and 3 for the acquisition of construction permit	2021
30	Guizhou Highway Engineering Group Co-Branch of Foreign Enterprise in Georgia, China	Geological Survey	Drilling works for Ongoing E-60 Highway, Zestaponi Section	2021
31	Georgia SGEM LLC, Georgia	Vadnili 2 HPP	Evaluation of the technical conditions of the structural parts of spillway gate	2021
32	Absolute Service Ltd, Georgia	Geological Survey	Drilling works for Lisi project	2021



Key Projects for the Past 3 Years

33	BDO Audit, Georgia	Audit	Technical and Financial audit of Dvirula HPP	2021
	Ruisi Wind Power Plant LLC, Georgia	Geological Survey	Wind Farm Site engineering-Geological Survey	2022
	Lisi Residence LLC, Georgia	Geological Survey	Site engineering-Geological Survey of the area, with full fledge study	2021
36	Hydro Energy Group LLC, Georgia	Pre-Feasibility	Pre Feasibility Study of Atskuri and Dviri HPPs Located in Easter Georgia, in Borjomi Municipality	2021
37	Peri LLC, Georgia	Permit Acquisition	Field survey and preparation of the Topographic, geological and other survey for the acquisition of the permit for 3 Met Mast Projects	2022
38	Hydro Energy LLC, Georgia	Pre-Feasibility	Sakuneti HPP pre-feasibility study. Project is located in Borjomi Municipality	2021
39	Energrin LLC, Georgia	Feasibility Study	Vale HPP Feasibility study including field surveys and followed by detailed design and Tender Documentation	
40	Caucasus Road Project, Georgia	Hydrological Survey	Hydrological survey of the Lisi-Mukhatskaro- Mskhaldidi section, which was required due the developed landslide.	2021
41	Alpex Energy Sno, Georgia	Pre-Feasibilities	Pre-Feasibility Studies of several HPPs located in Kazbegi Municipality - Jura 1, Juta 2, Juta 3, Kora, Karkucha,	2021
42	Geo Power LLC, Georgia	Geological Survey	Additional geological survey for the support wall. 4 Pits, with the depth 3 meters, were allocated at the wall location and samples taken to the lab for identification of physical-mechanical characteristics	2021
43	Energo-Pro Georgia Generation, Georgia	Bathymetric Survey	Bathymetric Surveys f the reservoir area for several HPPs owned by the Company.	2022
44	Energo-Pro Georgia Generation, Georgia	Geophysical Survey	Geophysical survey of the stilling basin of Tsageri Dam, Located at Lajanuri HPP	2022
45	Energo-Pro Georgia Generation, Georgia	Zahesi HPP	Bathymetric survey of the river Mtkvari location	2021
46	ENKA renewables, Turkey	Archaeological Survey	II Stage archaeological survey for Namakhvani HPP project area.	2021
47	Georgian Amelioration LLC, Georgia	Detailed Design	Detailed design for the anti-filtration measures for overpasses of Zemo Alazani main channel crossing the villages Sakobiano, Baqilovani and Matani territories in Akhmeta Municipality	2021
48	Tseva Energy Ltd	Design works	Pre-feasibility study of the Tseva hydropower plant	2021
49	Hydro Diagnostics Ltd	Bathymetric Survey	Bathymetric Survey of the river Mtkvari	2021
50	Absolute Service Ltd, Georgia	Geological Services	Khevi-ubisa Section. Road Construction geological survey	2021
51	Energo-Pro Georgia Generation, Georgia	Zahesi HPP	Geological Survey of the Cut-through at the Dam site location of Zahesi HPP	2021
52	Alpana Energy, Turkey	Alpana HPP	Geotechnical Investigation including lab testing and geophysical investigations according to ToR presented by the Client	2021
53	UNDP, Georgia	Design Services	Krtsanisi Forest Park rehabilitation detailed design - Fish Farming and Water pump station	2021
54	Hunan road and Bridge Construction Group Company LTD, China	Rikoti Highway Road Construction (E60) Lot F2	Geological Drilling, Geological Mapping, Topographic survey and overall engineering- geological report for the tunnel portals #2, 6, 9 10 and 11	2021
55	Enka Renewables LLC, Georgia	Na makhva ni HPP	Expert Report on the Architectural part of the Powerhouse Building	2021
56	Adjaristsqali Georgia LLC, Georgia	Shuakhevi HPP	Small HPP operation procedures, licensing and other permits required for operation period	2021



GEG Working Process























Environmental and Social Studies

Environmental and Social Studies

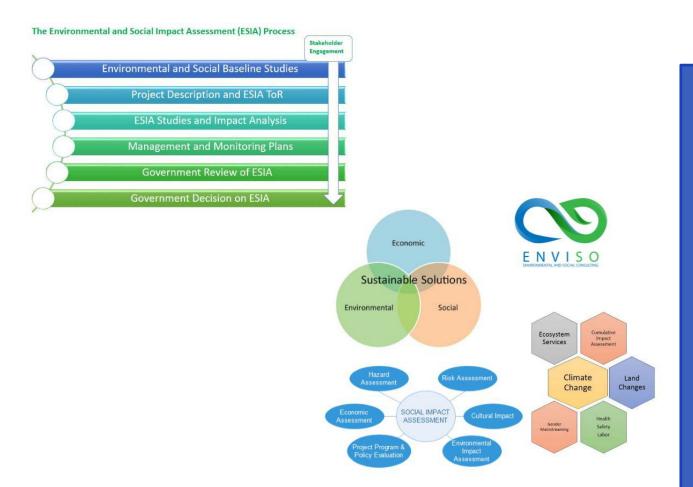
ENVISO LLC was established in 2017 by Gross Energy Group LLC and partners.

The inspiration of the company establishment came from a long and fruitful cooperation with international experts, mainly teams led by Dr. S. Dhillion (mainly funded by the Government of Norway).

The main trust is to establish sound and robust systems for planning, assessment, monitoring and evaluation of infrastructure and energy projects. ENVISO has a backbone Environmental and Social issues handled/guided by the national and international expert teams which guarantees our country the best outcome for the environment and people as well as for the developer.

Both national and international requirements (donors, finance institutions and EU) and processes are well known to the teams at ENVISO.

We offer: in Georgia





Experience of ENVISO LLC

#	Project Name	Client	Period
1	Marneuli Solar Power Project EIA	Gross Energy Group LLC	Environmental Dcision has been issued 24/08/2023 March 15, 2022 - July 7, 2023
2	Screening report for Mr. Majed Al Shoubaki for the development of the territory close to Tbilisi Sea, which envisions construction of individual houses on the territory over 10 ha	Majer Al Shoubaki	September 2022 - January 2023, Screening decision has been issued by the Agency
3	110 kV OHTL screening Report on changing 151 m Section to Cable	Kodori LLC	Schreening Decision issued, 2022
4	Kintrishi HPP, Environmental Monitoring	Hydro Development Company	March, 2022 - December, 2022
5	EIA Screenings for East Georgia Irrigation rehabilitation project	Gross Energy Group LLC	November, 2021 - December, 2021
6	Bear Monitoring Report	JSC Nenskra Hydro	September, 2021 - May, 2022
7	Benefit Sharing as a project development tool	Commissioned by NVE for the Government of Georgia and developed by COWI, Norway	February 2020 - 2021
8	License Process in Georgia: Institutions, responsibilities, disclosure and stakeholders.	Commissioned by NVE for the Government of Georgia and developed by COWI, Norway	April 2020 – 2021
9	Dzughuri HPP Emerald site Impact assessment	Hebu Group LLC	Permit Granted, April, 2021 - July, 2021
10	Gubazeuli 6 HPP EIA	Sheler Ltd	2019 - Suspended
11	Khevi HPP EIA	TOPGEO Ltd	2019 - Suspended
12	Kintrishi HPP, Environmental Monitoring	Hydro Development Company	Approved by the MEPA, February, 2020 - December, 2020
13	Frameworks for the Implementation of Environmental Liability Directive in Georgia (FIELD)	ICH, Norway, Financed by the Ministry of Foreign Affairs of Norway	Completed, 2017-2019
14	Chiora HPP EIA	Chiora Hesi Ltd	EIA permit granted, 2019
15	Screening Report for 25 MW Sagarejo Solar PV Power Plant Project	Georgian Energy Development Fund	Completed, 2020
16	Jaghomashumi HPP Emerald site impact assessment	L.G Power Solutions	EIA Permit Granted, 2019
17	Kintrishi HPP, Compliance assessment with the Environment Permit and preparation of corresponding documentation	Hydro Development Company	Approved by the MEPA, Completed, 2019





Transmission line supervision











Safety and Reliability

- The magnetic field generated around power lines and transmission towers is strong, but thanks to
 the built-in D-RTK module, <u>DJI M210 Series</u> is able to resist magnetic interference, realizing
 centimeter-level positioning accuracy, excellent flight stability and reliability even when flying
 near to these devices.
- Although D-RTK technology solves the problem of interference and positioning accuracy, close-range inspection can still be risky for inspectors who lack skills in drone operation. Ordinary drones require inspectors to fly close to power lines and transmission towers in order to get clear images, which needs careful operation. The Matrice 210, however, can carry the Zenmuse 230 zoom camera with a 30x zooming capability, making details of transmission towers available from ten meters away or more. With a tap on screen, the target area is enlarged and zoomed in to, significantly improving work efficiency and safety.

Temperature Measurement

- When conducting infrared temperature measurement, optical images and thermal images are both necessary for comparing details of the inspected devices. <u>DJI M210</u> has a dual gimbal system that can carry two cameras at the same time. During inspection, inspectors can change between two images at any time, accelerating problem detecting and diagnosing processes and boosting inspection efficiency by cutting time of inspection for each tower down to 10-15 minutes.
- Inspection in rigorous working conditions calls for reliable flying platforms. <u>DJI Matrice 200 Series</u> satisfies multiple needs with its excellent reliability, flexible configuration and various intelligent features. With its intuitive capabilities, <u>Matrice 200 Series</u> reduces the risk of manpower inspection and improves work efficiency. All in all, it is a powerful yet easy tool built for power line inspection.







Partner Companies:

Consulting Companies/Institutes:

Mott MacDonald <u>www.mottmac.com</u>
Bugato <u>www.bugato.com.tr</u>

Bugato <u>www.bugato.com.ti</u>
Georgian Institute of Energy

Hydro Project Georgia
Norwegian Company ECON POYRY www.econ.no

Austrian Company POYRY www.poyry.no
Norwegian Company Clean Energy Invest AS www.cleanenergyinvest.no

Institute of Geophysics

Institute of Structural Mechanics and Earthquake Engineering www.ismee.ge

Company Geo Engineering www.geoengineering.ge

Georgian Technical University <u>www.gtu.ge</u>

Energy Academy of Georgia

Tbilisi State University of Economic Relationships

Company Novermet

www.novermet.ru

Company Novermetwww.novermet.ruWorld Experience for Georgiawww.weg.geEnergy Efficiency Centrewww.eecgeo.org

Ivane Javakhishvili Tbilisi State University, corresponding www.tsu.edu.ge Departments

ILF consulting engineers https://www.ilf.com/

Various Turbine Producer Companies

Construction Companies:

Sakhidromsheni

Spetsgvirabmsheni

Saukmsheni Ltd.

Spetsenergomsheni

Hidrospetsgvirabmsheni

Khiminji



