



Sustainable Development Centre REMISSIA

**Annual Report
2016**

BRIEF DESCRIPTION OF THE ORGANIZATION

Sustainable Development Centre - Remissia aims at supporting the Government of Georgia and other key stakeholders in elaboration of sustainable development strategies and action plans at national and local levels. It also aims at supporting the transfer of knowledge, methodologies and the state-of-the-art technologies for sustainable management of the processes undertaken in the sectors of energy, environment protection and natural resources management, economy and so on. Strengthening the national and local capacities is among Remissia's strategic objectives as well.

The main approach of Remissia while performing its mission is to focus its efforts on those sectors, ecosystems and regions that are particularly vulnerable or contribute to the ongoing climate change process.

Supporting inclusiveness and participation in decision-making and implementation processes, human rights protection and integration of gender issues are core principles of Remissia's activities.

Sustainable Development Centre - Remissia recognizes the priority of sustainable development principles in economic development of Georgia and conducts its activities in the following areas:

A) Supporting the implementation of activities of the United Nations Framework Convention on Climate Change, the Kyoto Protocol, Covenant of Mayors and other supporting conventions and agreements for sustainable development in the following sectors:

- Compiling inventory of greenhouse gases;
- Reducing greenhouse gas emissions;
- Promotion of environmental friendly technologies transfer;
- Climate Change vulnerability assessment and preparation of adaptation measures for different economic sectors and ecosystems;
- Monitoring the effects of climate change;
- Any other activities related to the United Nations Framework Convention on Climate Change and the Kyoto Protocol's implementation.

B) Development, fund raising and implementation of sustainable development projects;

C) Supporting the international and regional cooperation in promoting sustainable development and climate change issues;

C) Training of national experts for the United Nations Framework Convention on Climate Change, the Kyoto Protocol and other activities for sustainable development;

D) Increasing awareness of the above-mentioned processes;

E) Providing consultancy to governmental agencies, the private sector and the scientific - research institutions.

The organization is authorized to perform any activity not prohibited by law and related to the implementation of the above objectives.

A brief report of the activities undertaken by Remissia in 2016 is presented below.

I. DESCRIPTION OF ONGOING AND NEWLY LAUNCHED PROJECTS

Project Name	Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) Clean Energy Program
Donor	Winrock/USAID
Dates	2013-2017
Project Background and Description	<p>In 2013 Remissia joined Winrock Int. Georgian Office in implementation of the USAID’s project “Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) Clean Energy Program” together with several local and international partners. The program supports increased climate change mitigation by building municipal capacity for at least 10 municipalities in analyzing, planning and implementing climate change mitigation measures (Component 1); increasing private sector investment in energy efficiency (EE) and green buildings (Component 2); and strengthening Government of Georgia (GOG) capacity to develop and implement a national Low Emission Development (LED) strategy (Component 3).</p> <p>Within the project Remissia led the Component 1: Georgian Municipal Energy Efficiency (GeMunee). Under the Component 1 Remissia led the elaboration of municipal Sustainable Energy Action Plans (SEAPs), MRV Plans and Technical Project Proposal and development of analytical tool (muni-EIPMP) to be used for selecting mitigation options and programs.</p> <p>As for the Component 3: Facilitation and Technical Assistance for EC-LEDS Steering Committee (SC) and the Expert Working Group (EWG) and Sector sub-working groups (SWGs) and development of Low Emission Development Strategy (LEDS) starting from December 2015, Remissia started to play a major role in terms of providing technical assistance to the EC-LEDS Steering Committee, EWGs and SWGs in the process of elaboration of LEDS document.</p>
Main Activities and Outputs in 2016	<p style="text-align: center;">Component 1</p> <p>In 2016 Remissia provided technical support to <u>Bolnisi Municipality, Temi Telavi Municipality and Mtskheta City Hall</u> to elaborate SEAPs, MRV plans and technical project proposals. The technical support covered the following aspects:</p> <ul style="list-style-type: none"> • Technical support and overall guidance throughout the development of SEAP document and MRV plan. The following sectors were covered: buildings, transport, street lightning, green areas, waste and agriculture; • Expert support for development of technical project proposal for a selected mitigation action/measure; • Support in the development of SEAP Communications Strategy.

As for MUNI-EIPMP, the tool was tested, revised and updated while developing Bolnisi Municipality SEAP, Temi Telavi Municipality SECAP¹ and Mtskheta City Hall SEAP. In addition to that harmonization between the municipal and national MARKAL Georgia model data was completed after which by the end of August 2016 the muni-EIPM tool was finalized and submitted to all SEAP municipalities for future use and application.

In terms of training and capacity building, in 2016 Remissia conducted three trainings for the representatives of CoM signatory municipalities. The topics of the trainings were:

- The second phase of the workshop on “Preparation of project proposals for the GHGs mitigation measures to be implemented in the sectors considered in SEAPs”;
- Workshop on monitoring parameters and techniques;
- Presentation and demonstration of final version of the Emission Inventory Projection and Mitigation Planning Tool (muni-EIPMP), its new functions and technical possibilities theoretically (presentation and Q&A sessions) as well as through practical exercises.

Component 3

In 2016 Remissia prepared the chapters on Energy, Transportation, Buildings and Industry sectors for LEDES document. In particular, for each sector the process implied the preparation of the following:

- Sectoral overview consisting of description of sector, latest and future trends of sector development, baseline GHG emission and reference scenario by 2030, identification of main drivers of GHG emission trend
- Mitigation measures per sector developed and assessed on GHG reduction
- Sectoral LEDES strategy for 2030.

All these sections of the chapters, particularly the potential mitigation measures were presented, discussed and agreed with the Sectoral Working Groups during the working groups meetings. Agreed mitigation measures were put in MARKAL-Georgia analytical tool and overall emissions reduction per sector was assessed. In particular, by 2030 contribution by sectoral measures to the GHG emission and energy consumption reduction is following:

- In energy sector – reduction of primary energy consumption by 5, 0%, and of gas import – by 12.7% corresponding with 2 539Gg emissions reductions by 2030;
- In building sector - reduction of the primary energy by 5.3% compared to the BAU scenario, and the final energy-by 6.4%, while the import of energy carriers is reduced by 5.8% (import of natural gas – by 9.4%). The electricity generation decreases by 2600 GWh (1.4%), consequently demanding 500 less installed capacity of power plants

¹ Temi Telavi Municipality signed the new Covenant of Mayors for Climate and Energy and thus committed to prepare and implement Sustainable Energy and Climate Action Plan (SECAP), addressing both climate mitigation and adaptation before 2030

in comparison with the baseline (BAU) scenario. Correspondingly, emission reduction from the building sector will contribute with the annual saving of 846 Gg CO₂ eq by 2030;

- **In industry sector** – reduction of primary energy by 2.3%, final energy – by 2.7%, import of energy carriers by 1.7%. Energy generation is decreasing by 455GW (1.4%) that is why 90 MW less power plant installed capacity will be required compared to the BAU. Correspondingly, overall reduction of GHG emissions in the industry sector will be 641.3 Gg CO₂eq from burnt fuel per year by 2030;
- **In transport sector** - measures by 2030 reduce projected primary energy consumption by 20.6 PJ (5.0%), final energy consumption by 20.9 PJ (6.9%) and imported fuel consumption by 22.7 PJ (8.5%) corresponding with the reduction of 1 517 gg CO₂ equivalent emissions annually by 2030.

In addition to sectoral LEDS chapters the MARKAL-Georgia Guidebook was prepared.

Project Name	Home Owners Associations (HOAs) as a driving force of the modern city within the EU project “HOME - The way forward for reforms in the housing sector: empowering grassroots homeowners associations in Azerbaijan, Belarus, Georgia, Moldova and Ukraine”
Contractor	Consortium Legal Aid Georgia (LAG)/ Initiative Wohnungswirtschaft Osteuropa IWO e.V.
Dates	2016-2017
Description	The overall objective of the project is to contribute to improvement of the quality of life in Tbilisi through development and effective participation of grass-root home owners associations (HOAs) in housing management. The overall objective will be fulfilled through achievement of the following specific objectives: 1) Strengthening HOA capabilities in Tbilisi to address the issues related to the common property and building management and 2) increasing capacity and accountability of the local municipality/Gamgeobas in Tbilisi in housing management issues.
Main Activities and Outputs in 2016	Cooperation with local self-government Remissia together with its contractor and partner organization LAG conducted the mapping of the Tbilisi based Gamgeobas. After intensive communication with the Saburtalo District Gamgeoba the latter agreed to cooperate under the project and act as the host for the Technical Assistance Centre (TAC).
	Awareness Raising and Capacity Building One new HOA was established. Legal counselling and assistance was provided to 3 existing HOAs. First contact and discussion of potential project proposals have been held initially between Remissia and Gamgeoba and later on between the TAC and experts. Communication

between 3 HOAs and National Agency for Public Registry (NAPR) regarding HOA related documentation was facilitated.

Awareness Raising and Capacity Building

Thematic trainings on legal and technical components (Energy Efficiency and renewables in building sector and general overview of building EE in Tbilisi city) were conducted covering 26 beneficiaries. Project related information was placed and is available on LAG and Remissia websites and LAG Facebook.

Project Name	Assistance in Development of Final Draft River Basin Management Plan for the Chorokhi – Adjaristskali pilot basin in Georgia
Contractor	The Regional Environmental Centre for the Caucasus (RECC)
Dates	2015 –2016
Short Description	The assignment contributed to the development of joint River Basin Management Plans (RBMPs) for selected river basins. It was a part of service, commissioned by RECC under the EU-funded projects: Environmental Protection of Internal River Basins Project implemented by Hulla&Co Human Dynamics KG in five countries including Armenia, Azerbaijan, Georgia, Belarus, Moldova and Ukraine.
Main Activities and Outputs	Remissia provided assistance in development of chapter on Climate Change adaptation of the final draft River Basin Management Plan for the Chorokhi –Adjaristskali district pilot basin in Georgia.

Project Name	Developing the non-energy GHG mitigation chapter of Industry Sector for Georgia’s Low Emission Development Strategy (LEDS) with the technical support of Clima East project
Dates	2015-2016
Short Description	Remissia provided in-kind support to Clima East project in developing the industry section of LEDS of Georgia for non-energy GHG mitigation. More precisely, Remissia supported the international expert team to review non-energy emissions data on the industrial sector, develop data and mitigation cost curves for non-energy mitigation options for the industrial sector, assist the industry SWGs in choosing non-energy mitigation options/policies and integrating with energy mitigation policies, develop funding opportunities to support implementation, revise the Industrial LEDS section to incorporate non-energy mitigation options. Remissia provided its support by means of identification of key local stakeholders, consultations and working meetings with stakeholders, commenting and reviewing the draft report and recommendations, adapting internationally renowned mitigation technologies into Georgian reality.
Main Activities and Outputs	The following outputs were produced as the result of Remissia’s technical support to the project:

- Revised Industry section of LEDS describing the non-energy emissions inventory, non-energy BAU emissions projection;
- Analyzed mitigation options (including data, analysis performed and results); Prioritized mitigation options per agreed-upon indicators;
- Policies and programs developed (including cross-cutting impacts);
- Integration of policies and programs into development plans (including emissions projection and impact on development goals).

II. DESCRIPTION OF OTHER ACTIVITIES IMPLEMENTED:

Remissia's Web Site - the format and content of the web site was revised and renewed to make it more user-friendly, easy to navigate and informative.

Organizational Development – in 2016 Remissia continued revision and update of Operational and Financial manuals according to the recommendations from external and internal organizational audits.