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ENHANCING CAPACITY FOR LOW EMISSION DEVELOPMENT STRATEGIES (EC-LEDS) CLEAN ENERGY PROGRAM

QUARTERLY PROGRESS REPORT

APRIL 1, 2015 – JUNE 30, 2015

COOPERATIVE AGREEMENT NO. I 14-A-13-00008



July 10, 2015

This publication was produced for review by the United States Agency for International Development. It was prepared by Winrock International.

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Date of Submission: July 10, 2015

SUBMITTED TO: NICK OKRESHIDZE, AOR
**US AGENCY FOR INTERNATIONAL DEVELOPMENT
USAID/GEORGIA**

SUBMITTED BY: INGA PKHALADZE, ACTING COP
**WINROCK INTERNATIONAL - GEORGIA
EC-LEDS PROGRAM
7, I. CHAVCHAVADZE AVENUE
TBILISI, 0179, GEORGIA
+995 32 250 63 43
WWW.WINROCK.ORG**

Cover Photo: America Days 2015, EC-LEDS tent at Tbilisi Rike Park June 2015

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ACRONYMS

ACOP	Acting Chief of Party
AD	Analytical Department
AOR	Agreement Officer's Representative
ATSU	Akaki Tsereteli State University
BAU	Business as Usual
BP	British Petroleum
BREEAM	Building Research Establishment Environmental Assessment Method
CBSM	Community Based Social Marketing
CC	Climate Change
CENN	Caucasus Environmental NGOs Network
COM	Covenant of Mayors
COP	Chief of Party
DCOP	Deputy Chief of Party
DWG	Decision Ware Group
EBRD	European Bank for Reconstruction and Development
EC-LEDS	Enhancing Capacity for Low Emission Development Strategies
E5P	Eastern European Energy Efficiency and Environment Partnership
EE	Energy Efficiency
EEC	Energy Efficiency Center Georgia
EMMP	Environmental Monitoring and Mitigation Plan
EPBD	Energy Performance of Buildings Directive
ERC	Environmental Review Checklists
EU	European Union
EUMM	European Union Monitoring Mission
EWG	Expert Working Group
FFC	Fast Forward Communications
FB	Facebook
GALA	Georgian Association of Landscape Architects
GB	Green building
GBCG	Green Building Council Georgia
GDP	Gross Domestic Product
GEC	Grants Evaluation Committee
GeMunee	Georgian Municipal Energy Efficiency
GHG	Greenhouse gases
GIZ	Intended Nationally Determined Contribution
GOG	Government of Georgia
GTU	Georgian Technical University
IECC	International Energy Conservation Code
INDC	Intended Nationally Determined Contribution
JRC	Joint Research Center
KFW	Kreditanstalt Fur Wiederaufbau
KTH	Royal Institute of Technology, Stockholm, Sweden
LED	Low emission development
LEED	Leadership for Energy and Environment Design
LEDS	Low Emission Development Strategy (ies)
LLC	Limited Liability Company
MDF	Municipal Defelopment Fund
MES	Ministry of Education and Science of Georgia
MoENRP	Ministry of Environment and Natural Resources Protection
MRV	Monitoring, Reporting and Verification
MT	Momavlis Taoba

Muni-EIPMP	Municipal Inventory, Projection and Mitigation Planning
NALAG	National Association of Local Authorities of Georgia
NAMA	Nationally Appropriate Mitigation Actions
NGO(s)	Non-Governmental Organization(s)
PEA	Programmatic Environmental Assessment
PSA	Public Service Announcement
PWD	People with Disabilities
SC	Steering Committee
SCM	Steering Committee Meeting
SDAP-Center	Sustainable Development and Policy Center
SEA	Swedish Energy Agency
SEAP	Sustainable Energy Action Plan
SEO	Sustainable Energy Office
SIDA	Swedish International Development Cooperation
SWG	Sub-Working Group
TDS	Dog Shelter Near Tbilisi
UNFCCC	United Nations Framework Convention on Climate Change
USAID	United States Agency for International Development
USG	United States Government
WI	Winrock International
WMTR	Waste Management Technologies in the Regions

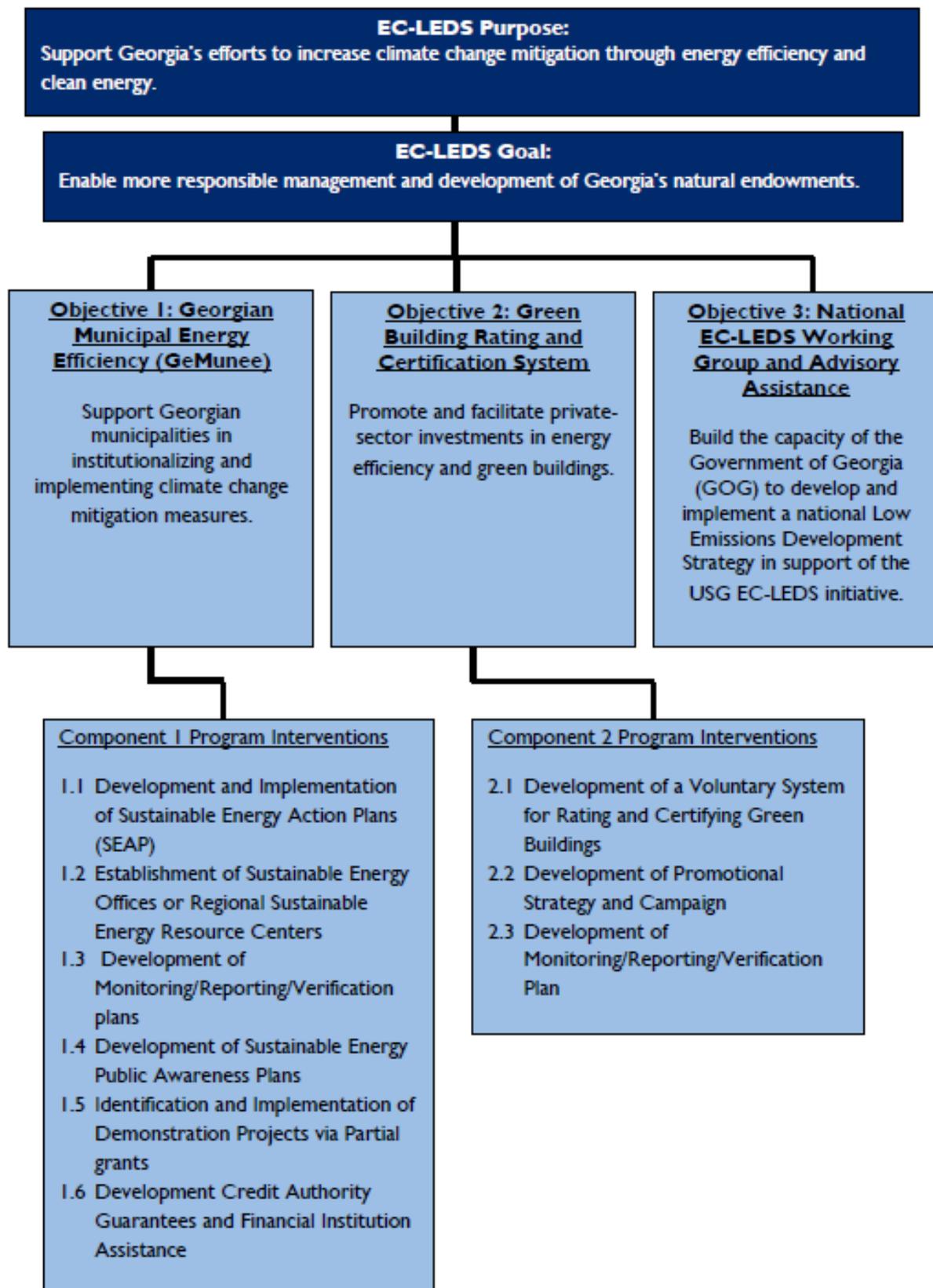
I. EXECUTIVE SUMMARY

Georgia's Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) Clean Energy Program, funded by the United States Agency for International Development (USAID), is a five-year (October 2013 – September 2018) effort focusing on three activities: 1) Georgian Municipal Energy Efficiency (GeMunee); 2) Green Building Rating and Certification System; and 3) National EC-LEDS Working Group and Advisory Assistance. Winrock International (WI) has been awarded a cooperative agreement to implement Georgia's EC-LEDS Clean Energy Program to support climate change mitigation by building municipal capacity in climate change mitigation measures and raising public awareness; increasing private sector investment in energy efficiency (EE) and green buildings (GB); and strengthening Government of Georgia (GOG) capacity to develop and implement a national Low Emission Development Strategy (LEDS). This report describes Year two, Quarter three activities of the EC-LEDS Clean Energy Program covering the period April 1, 2015 through June 30, 2015.

The objectives of the EC-LEDS program are to (1) support Georgian municipalities in institutionalizing and implementing climate change mitigation measures, (2) promote and facilitate private sector investment in energy efficiency and green buildings, and (3) build the capacity of the GOG to develop and implement a national LEDS in support of the United States Government (USG) EC-LEDS initiative. During the five years, the EC-LEDS Clean Energy Program is expected to reduce greenhouse gas (GHG) emissions in Georgia by at least 236,372.9 metric tons of CO₂ equivalent, facilitate up to \$14 million in private sector investments in clean energy, and lead to energy savings of up to 315 GWh (the equivalent of approximately \$22 million).

Figure I, EC-LEDS Activities Map, illustrates the project purpose, goal, the objectives, and the program initiatives associated with each objective.

Figure I. EC-LEDS Activities Map



II. KEY ACHIEVEMENTS (QUANTITATIVE IMPACT)

A. PROGRESS TO DATE

A summary of progress to date by selected indicators is provided below. If total cumulative actual to date is zero, the indicator is not included in the table below.

Table 1. Summary of Total Cumulative Actuals vs. LOP Target by Output Indicator

Output Indicator (OP#)	Indicator	Total Cumulative Actual (Y1+Y2)	LOP Target
1	Number of low emission development plans developed and/or implemented as a result of USG assistance (LEDS, SEAP, other)	6	10
3	Number of institutions with improved capacity to address climate change as a result of USG assistance	15	14
4	Number of stakeholders using climate information in their decision-making as a result of USG assistance.	20	14
5	Number of laws, policies, strategies, plans, agreements or regulations addressing climate change mitigation officially adopted or implemented/proposed with USG assistance	1	3
6	Number of climate change mitigation tools, technologies or methodologies developed, tested and/or adopted as a result of USG assistance	3	5
10	Number of individuals reached through outreach campaigns	2,279,285	1,000,000
11	Number of USG-supported training or activities that contribute to building the EE knowledge and skills in the GOG, Municipalities, industry and other stakeholders	17	50
12	Number of individuals receiving USG-supported training in technical energy fields	198	100
14	Number of promotional plans and campaigns implemented to increase awareness of citizens about energy efficiency	2	2
16	Number of individuals receiving USG supported training in energy related policy and regulatory practices	438	90
17	Number of MRV plans developed to track the impact of SEAP implementation	6	10
18	Number of individuals at national and local level trained in climate change as a result of USG assistance	153	70
19	Number of developers, investors/building owners/buyers aware of the green building rating and certification system	24	30
22	Number of decisions made by LEDS steering committee or involved agencies using analysis based on MARKAL or other appropriate tools	2	2
23	Number of individuals trained on green building rating systems	40	10

B. SUMMARY OF IMPACT BY COMPONENT

I. COMPONENT ONE: GEORGIAN MUNICIPAL ENERGY EFFICIENCY (GEMUNEE)

As of June 30, 2015, 13 Georgian municipalities are signatories of the Covenant of Mayors (COM). Those cities are Batumi, Gori, Kutaisi, Poti, Rustavi, Tbilisi, Zugdidi, Telavi, Akhaltsikhe, Mtskheta (joined in May 2015), Tianeti (joined in January 2015), Bolnisi (joined in March 2015), and Telavi (joined in January 2015). Poti city has been temporarily removed from the list of signatory cities on the COM website as Poti has delayed elaborating on their SEAP document submission.

During quarter three, two municipalities received technical support from EC-LEDS on elaborating their SEAP and MRV report documents. More precisely, the project supported the elaboration of 1) SEAP document, MRV plan, and project proposal for Telavi Municipality and 2) MRV report for the Tbilisi SEAP document for Tbilisi municipality. In addition, the project has started working on elaborating the new Tbilisi SEAP and Akhaltsikhe SEAP.

EC-LEDS also continued further development of a simple, bilingual inventory and projection tool for municipalities, the Muni-EIPMP tool, which draws information from the national MARKAL-Georgia model.

I.1 DEVELOP AND IMPLEMENT SUSTAINABLE ENERGY ACTION PLANS (SEAPS)

In the third quarter, one new SEAP for Telavi City was developed and submitted together with the MRV plan. Additionally, one project proposal on implementing energy efficiency measures for the Telavi Sport Centre was developed. Tbilisi and Akhaltsikhe SEAPs have also been launched.

I.2 ESTABLISH SUSTAINABLE ENERGY OFFICES OR REGIONAL SUSTAINABLE ENERGY RESOURCE CENTERS

During quarter three, EC-LEDS distributed a revised memo on the proposed legal structure of municipalities' Sustainable Energy Offices. The proposal incorporated an analysis of normative acts that affect the number of employees local governments are allowed to hire. However, the majority of municipalities expressed their preference to not create a new unit within a municipality, but instead, suggested assigning SEO related duties to existing staff. EC-LEDS continues to work with municipalities on establishing the SEOs.

I.3 DEVELOP MONITORING/REPORTING/VERIFICATION PLANS

In the third quarter, EC-LEDS elaborated the Tbilisi SEAP Monitoring Report, which details the implementation, monitoring, and evaluation of implemented mitigation measures in all SEAP sectors. In addition, the MRV plan was developed for the Telavi SEAP.

I.4 DEVELOP SUSTAINABLE ENERGY PUBLIC AWARENESS PLANS

The EC-LEDS team met with municipalities in West Georgia to plan local public awareness activities and events for the remainder of year two. The project gathered information through focus groups in Zugdidi and Kutaisi, followed by statistically based surveys to design community based social marketing (CBSM) campaigns. The purpose of the CBSM campaign is to influence specific energy efficiency and climate change mitigation behaviors in targeted groups through community-based

research, with the aim to change behaviors and achieve energy savings and/or emissions reductions. The targeted communities and behaviors of CBSM campaign are:

- 1) SEAP-supported Zugdidi: Promotion of energy efficient bulbs, and
- 2) SEAP-supported Kutaisi: Greening activities.

In the reporting period, the EC-LEDS team visited Kutaisi to discuss the possible options for Kutaisi greening CBSM pilot campaign with the Deputy Mayor of Kutaisi Mr. Konstantine Kavtaradze and the Head of Economic Development and Local Self Government Property Management Department Mr. Paata Kldiashvili. The report on CBSM Campaign Design is in progress and will be finalized after the next meeting with the Kutaisi Municipality in July.

1.5 IDENTIFY AND IMPLEMENT DEMONSTRATION PROJECTS THROUGH PARTIAL GRANTS

In Quarter three, the EC-LEDS Grants Evaluation Committee (GEC) issued final grant award recommendations to the cities of Batumi, Zugdidi, Kutaisi, and Tbilisi. The project is also working with Rustavi and Gori to identify and directly fund grant projects in those cities as EC-LEDS did not receive any applications for Rustavi, and none of the applications received for Gori were selected by GEC for award.

During negotiations with Zugdidi and Batumi Municipalities, EC-LEDS learned additional information about local procurement legislation; realizing the procurement laws result in complex grant disbursement, additional administration, and extended time. As a result, EC-LEDS reviewed the aforementioned issue with the WI HQ Contracts unit and it was internally agreed that the most efficient way to proceed would be to issue in-kind grant agreements when municipalities are direct recipients, and to issue fixed obligation subgrants to the other eligible entities. WI has made corresponding changes to the grants manual and submitted to USAID for approval.

1.6 DEVELOPMENT CREDIT AUTHORITY GUARANTEES AND FINANCIAL INSTITUTION ASSISTANCE

During quarter 3, EC-LEDS team worked with Tbilisi municipality and attended several meetings related to project financing for climate change mitigation projects.

2. COMPONENT TWO: GREEN BUILDING RATING AND CERTIFICATION SYSTEM

2.1 DEVELOP AND IMPLEMENT A VOLUNTARY SYSTEM FOR RATING AND CERTIFYING ENERGY EFFICIENT AND GREEN BUILDINGS

Based on the recommendations made by SDAP, a decision was made to acquire the license for and use the Display® certification tool software to certify existing buildings in Georgia. Green Building Council Georgia (GBCG) was registered with Euro Cities for Display labeling software and paid the license fee. The license was given to GBCG on May 4th. GBCG conducted Display training for its staff and prepared training materials for the Display training to be conducted next quarter.

EC-LEDS, in partnership with GBCG, announced a competition for the 2015 Green Build Awards in March with the deadline of April 15, 2015.

The winners of the competition were selected during the week of June 1, 2015. Eco Tour (Sustainable Architecture and Green Engineering Technologies Centre) was selected as a winner of the Green Building of the Year Award. Second place was New Technology Centre (Office and Conference Facility). There are other award categories that are sponsored by GBCG, summarized by category and winner below:

- Best Development Practice - Lisi Lake (Residential Development);
- Planned Green Building of the Year - Inexpo (Marneuli sports hall site) showed the best planned building performance.
- Best Municipal Practice - Inexpo awarded the prize, together with the client – Marneuli municipality, awarded JI;
- Best Corporate Management Practice – CENN;
- Other innovations and research in green building - Mr. Revaz Alishvili nominated as the winner;
- Sustainable waste management - European Union Monitoring Mission in Georgia (EUMM).

The Award Ceremony for the Green Building of the Year competition was moved to September 15, 2015. Meanwhile, during the week of June 22, GBCG notified the competition winners of the results. GBCG is holding negotiations with an International BREEAM/LEED Expert on certifying two buildings for the nomination of the Green Building of the Year.

During June, GBCG collected data for Display Certification from EUMM sites: EUMM HQ, Tbilisi (former governmental hotel), EUMM GSS Building (private house), EUMM warehouse, EUMM Transport Building, EUM Field Office Gori, and EUMM Field Office Zugdidi. Building services were checked by location and type of energy consumption. GBCG also observed the monitoring and tracking scheme of the EUMM facilities management as well as the utilities expenditures. The Display posters are currently being prepared.

2.2 DEVELOP AND IMPLEMENT A PROMOTIONAL STRATEGY AND CAMPAIGN

During year one, EC-LEDS produced a Green Building Marketing Strategy for promoting GB certification. During quarter two of year two, the project developed a Green Building Certification Marketing Action Plan for implementing the strategy and announced a competition to identify and certify existing green buildings. The Marketing Action Plan currently targets foreign and Georgian companies for certification using LEED and BREEAM.

During this reporting period, EC-LEDS announced a Green Building of the Year Award to further promote GB certification.

Additionally, a TV program geared towards youth which focused on Green Architecture was re-run in April and May due to viewer demand.

2.3 DEVELOP MONITORING/REPORTING/VERIFICATION (MRV) PLANS

The GB Assessment report in Year one proposed a framework approach to developing MRV plans for certified buildings. The framework will be fleshed out during Year two and incorporated into the Georgia-specific rating system which will form the basis for developing the certified buildings' MRV plans. This will include the winners of the Green Building of the Year Award and the Green Building Design Contest.

3. COMPONENT THREE: NATIONAL EC-LEDS WORKING GROUP AND ADVISORY ASSISTANCE

During the reporting period, the program worked intensively with the sectorial sub-working groups, the Climate Change Office of MoENRP, and the Ministry of Energy. WI regularly provided valuable advisory assistance to the GOG and arranged a series of high level meetings. WI intensified works on MARKAL Georgia in order to finalize the BAU. The third quarter was also marked by successful participation and involvement in several major international projects, trainings, and programs.

4. ENVIRONMENTAL PROTECTION ACTIVITIES

EC-LEDS PEA was finalized and approved by USAID on June 19, 2015. The EC-LEDS Environmental Specialist and other relevant project team members continue technical considerations to ensure the incorporation of environmental safeguards into the technical designs of sub-grant activities.

5. CROSS-CUTTING ACTIVITIES

EC-LEDS continues cooperation with USAID's "Momavlis Taoba" (Future Generation) Program implemented by PH International. In the reporting period, EC-LEDS held a Youth Energy Efficiency Events in Gori and Telavi. The main objective was to involve youth in energy efficiency and climate change mitigation. The students were selected from Civics Clubs for students from the 9th to 12th grades. During the event, students watched a presentation on "How to Save Energy" and participated in the "Energy Efficiency is a Smart Choice" contest to demonstrate the knowledge and skills gained at the seminar. The seminar was conducted by Professor Gia Arabidze, Dean of the Energy and Telecommunications Faculty at Georgian Technical University (GTU).

The EC-LEDS Youth Energy Efficiency Events were two and a half hours long, of which the first two hours were dedicated to "How to Save Energy". The seminar covered the following topics:

- What is Energy Efficiency: A brief introduction to energy efficiency and explanation of energy terms.
- Ways to Save Energy: Various ways to save energy and the energy audit.
- Information Campaigns: A brief description of advertising and information campaigns about energy efficiency.
- The Importance of Energy Efficiency: The importance of energy efficiency with regard to the rational use of energy, energy security of the state, and the importance of energy efficiency for Georgia.
- Energy Efficiency in the Residential Sector: How to save energy at home.
- Energy Efficient Technologies: An introduction to technologies and appliances.
- Renewable Energies: Renewable energy sources were discussed with examples of technologies and how to use them.
- Energy Efficient Projects: An overview of some energy efficient projects supported by donor organizations.

In Gori, a total of 31 students participated in the Energy Efficiency Youth event at the offices of Society "Biliki". The society was founded in 1997 in Shida Kartli, Gori. Since then, it has been implementing several programs, including child care, integration, professional skills development, voluntary and training programs. Among other projects, Society "Biliki" is implementing the

Momavlis Taoba Program in collaboration with USAID's PH International. The Momavlis Taoba Program aims at improving school based civic education in order to enhance civil society's role in promoting transparent and accountable governance at the national and local levels. In Telavi, a total of 23 students were invited at the Center for Civic Engagement serving eight municipalities of Kakheti region.

EC-LEDS finalized the Cross-Cutting Action Plan which addresses concerns and an opportunity related to gender, people with disabilities (PWD), and youth, and build upon existing efforts, identifies activities and timelines to ensure these groups are integrated into relevant components of EC-LEDS.

EC-LEDS produced flyers with Braille print for blind people and PSAs with subtitles for deaf people.

EC-LEDS participated in the Earth Day Celebration organized by Waste Management Technologies in the Regions and Ecovision on April 22nd at Tbilisi Zoo. The EC-LEDS representative gave branded t-shirts, caps, and pens to the winners of the contests.

The EC-LEDS team participated in the presentation of Energy Efficiency and Renewable Energy project to be implemented at Kutaisi Torpedo Sport Base and awarded Torpedo football players with EC-LEDS branded caps.

EC-LEDS established a special nomination in the Students' Architectural Contest Best Coursework 2015. The Contest was organized by EEC under Sustainable Energy Week 2015. The purpose of the contest was to reveal the best coursework focused on sustainable development and green building principles. The EC-LEDS prize and certificate for the Best Green Building Design 2015 was awarded to a GTU Architectural Faculty student Tamar Benashvili for her project entitled, "The Best Theoretical Analysis of Energy Efficiency Principles". The design suggested construction of a wine factory in Kakheti. The author conducted a comprehensive pre-design site assessment including a territory study, weather condition analysis, landscaping, and transport. The author demonstrated the best understanding of the pre-design study and showed good survey skills, which are the basis for good environmental designs. The event closed the Energy Week 2015 activities.

III. KEY ACHIEVEMENTS (QUALITATIVE IMPACT)

A. COMPONENT I: GEORGIAN MUNICIPAL ENERGY EFFICIENCY (GEMUNEE)

I.1 SUSTAINABLE ENERGY ACTION PLANS (SEAPS)

Develop Muni-EIPMP Analytical Tool

The work to correct bugs and enhance the technical possibilities of muni-EIPMP continued. The list of metrics to be supplied to muni-EIPMP by MARKAL-Georgia were prepared and discussed with DWG. GHG inventories and BAUs for Telavi building transport and public lighting were developed using muni-EIPMP. The technical team corrected the linking issue of different modules and improved the set-up for development of BAU scenario for public lighting.

Develop and conduct workshops and on-the-job training on SEAP development and monitoring

The project was working with and guiding Tbilisi, Telavi and Akhaltsikhe municipalities' representatives on a regular basis in the context of developing Tbilisi SEAP, MRV plan and project proposal, Tbilisi MRV report, Telavi SEAP and Akhaltsikhe SEAP, MRV plan and project proposal. The planning of the workshop on project proposal development started – the team worked on participants list, agenda and methodology.

Assist in developing, revising, and updating SEAPS for municipalities with priority needs

Telavi:

Telavi SEAP (including MRV Plan and Awareness Raising Strategy) and project proposal documents were finalized and submitted to Telavi City Hall for their comments and revision. To facilitate the revision process, Remissia representatives visited the Telavi City Hall and presented the key findings and recommendations of both documents to the Mayor, Vice-Mayor, Vice-chair and other representatives of the Telavi council, SEAP coordinators.

Tbilisi:

The work on Tbilisi SEAP has been started as well. Remissia experts started to elaborate possible mitigation measures for GHG reduction that will be discussed and agreed with Tbilisi City Hall to be integrated in the final document of Tbilisi SEAP. The meeting was held with the unit responsible for public lighting sector to get the information on future plans and programmes. The project also met the Deputy Mayor of Tbilisi who coordinates transport and greening sectors to update him on work that has been done so far and also to ask for support that will be needed from the City Hall while elaborating GHG reduction action plan for Tbilisi.

Akhalsikhe:

The project had the working meeting with the representatives of the Akhalsikhe City Hall and local experts who will be involved in data gathering for Akhalsikhe SEAP. The main objective was to explain and discuss with them the technical and methodological issues in relation with data collection for different SEAP sectors. The local experts started to collect information for building, transport, lighting, waste and greening sectors for Akhalsikhe SEAP.

I.2 ESTABLISH SUSTAINABLE ENERGY OFFICES OR REGIONAL SUSTAINABLE ENERGY RESOURCE CENTERS

EC-LEDS distributed the revised report on legal structure for SEOs to the following municipalities: Tbilisi, Rustavi, Telavi, Gori, Akhaltsikhe, Kutaisi, Zugdidi and Batumi. Although, initially municipalities verbally agreed to the proposed legal structure, later majority of them expressed concern over creating a new structural unit and suggested instead that they would assign the SEO related duties to existing staff. During quarter 4, EC-LEDS will work with municipalities to identify staff that will carry out SEO functions. EC-LEDS will also conduct a training for SEOs on development of climate change mitigation project proposals, climate change related data gathering, analysis and management, and fundraising strategies.

I.3 DEVELOP MONITORING/REPORTING/VERIFICATION (MRV) PLANS

The work on Tbilisi SEAP monitoring report was finalized. The chapters on public lighting, waste, buildings, transport and greening were elaborated with some minor technical details to be double-checked with the municipality during the review process. Initial presentation of preliminary findings of the SEAP implementation monitoring process was done at the “Sustainable Energy Day” workshop organized by the City Hall on 22 June 2015.

I.4 IDENTIFY AND IMPLEMENT DEMONSTRATION PROJECTS THROUGH PARTIAL GRANTS

During Quarter 3, EC-LEDS Grants Evaluation Committee (GEC) conducted individual interviews with the 6 shortlisted candidates and obtained additional information regarding each project. After analyzing the additional information and discussions, the committee decided to recommend the following applications for award:

Table 2. Grant Applications Recommended for Award

City	Applicant Name	Grant Project Title	Requested Grant Amount (USD)	Total Project Cost (USD)
Batumi	Batumi City Hall	LED Street Lighting Demonstration Project in Batumi	52,950	879,897
Batumi	Batumi City Hall	LED Street Lighting Demonstration Project in Public Park	18,250	1,013,038
Kutaisi	EEC Georgia	Low Emission Development for Sport - Kutaisi Torpedo vs. CO2 Emissions	42,720	213,998
Zugdidi	Zugdidi City Hall	Bright City	49,990	305,270
Tbilisi	EEC Georgia	Energy Efficiency Measures for Tbilisi Elders Boarding House	50,000	249,819
Total			213,910	2,662,022

As Table above shows, the committee recommended five applications for award.

As EC-LEDS did not receive any applications for Rustavi, and the application for Gori was rejected, EC-LEDS is working with these municipalities directly in order to identify and implement grant projects.

I.5 DEVELOP SUSTAINABLE ENERGY PUBLIC AWARENESS PLANS

The EC-LEDS communications plan completed in Year 1 includes a two-pronged strategic approach to communications:

- 1) Local information campaigns and events linked to SEAP communications strategies to raise general energy efficiency and conservation awareness; and
- 2) Local outreach efforts including events linked to SEAP communication strategies and a community-based social marketing (CBSM) pilot project to change targeted behavior in selected communities.

These local activities will be complemented by national outreach activities described in the cross-cutting section of this report. In the reporting period, the EC-LEDS assisted Telavi Municipality to draft a communications strategy for Telavi SEAP. In Year 2, EC-LEDS will draft outreach strategies for all municipalities that have been assisted for drafting or updating SEAPs. This includes drafting communications strategies for Akhaltsikhe's SEAP and updating Tbilisi's SEAP, since the outreach strategy for their initial SEAP was to be supported by GIZ. However, this assistance was never provided. In December 2014, during meetings with COM signatories, EC-LEDS discussed potential local outreach activities for Year 2.

In the reporting period, the EC-LEDS team visited Kutaisi to discuss the possible options for Kutaisi greening CBSM pilot campaign with the Deputy Mayor of Kutaisi Mr. Konstantine Kavtaradze and the Head of Economic Development and Local Self Government Property Management Department Mr. Paata Kldiashvili. The report on CBSM Campaign Design is in progress and will be finalized after the next meeting with Kutaisi Municipality in July.

I.6 DEVELOPMENT CREDIT AUTHORITY GUARANTEES AND FINANCIAL INSTITUTION ASSISTANCE

EC-LEDS met with EBRD on April 17 to discuss Tbilisi bus project and its potential inclusion in E5P. Collaboration opportunities in other CoM cities were also discussed.

EC-LEDS representative attended and delivered a brief presentation at the E5P steering committee meeting on May 12.

EC-LEDS participated in a working & matchmaking meeting organized by Covenant of Mayors EAST. Four municipalities: Gori, Kutaisi, Telavi and Zugdidi attended the meeting and presented one project proposal each. Representatives of EBRD, KfW and MDF were present at the meeting as well.

EC-LEDS team met with Kutaisi municipality to discuss their interest in obtaining financing for replacing street lighting in the city. EC-LEDS will have a follow-up meeting with Kutaisi municipality in quarter 4 and in case the municipality decided to go ahead, EC-LEDS financial advisor will assist them in preparing all necessary documents for applying to E5P.

B. COMPONENT TWO: GREEN BUILDING RATING AND CERTIFICATION SYSTEM

The EC-LEDS program is tasked with recommending, developing, and implementing a voluntary GB rating system in Georgia and conducting outreach activities to promote certification of buildings and public demand for certified buildings. A decision was made to promote the certification of buildings based on the criteria of the LEED and BREEAM rating systems and an energy performance labeling program. The reason for focusing on existing systems was to permit certification to begin immediately and so that Georgian experts could gain experience certifying buildings while developing a Georgia-specific system.

2.1 DEVELOP AND IMPLEMENT A VOLUNTARY SYSTEM FOR RATING AND CERTIFYING ENERGY EFFICIENT AND GREEN BUILDINGS

The SDAP Center recommended that EC-LEDS and GBC Georgia use the Display® certification tool to certify existing buildings. A decision was made to use the Display, and to acquire a license for this software.

GBCG was registered with Euro Cities for Display labeling software and paid the license fee. The license was awarded to GBCG on May 4th. GBCG has conducted Display training for its own staff and has prepared training materials for the Display training that will be conducted during next quarter.

On June 17th GBCG together with EC-LEDS has announced Display training for architects, designers, building services engineers, real estate professionals, building stock operators, bankers, governmental officials, and NGO representatives. The trainees could be individually working professionals, company employees or students, willing to upgrade their skills. The deadline of the applications for the training was June 26th and it is planned to be conducted in the week of June 29th.

The European Display® calculation tool is a voluntary scheme set up by municipalities of the Energy Cities Association and designed by energy experts in 2001. It supported the implementation of the new Directive on Energy Performance of Buildings among municipalities at that time and displays an energy performance certificate.

A key rationale for developing the energy display label was to motivate decision makers to take a common approach to energy performance for public buildings. For a reference year, data on energy and water consumption as well as operational hours, service systems and area of a building are entered into the Display® program, which then gives an operational rating for energy performance, environmental performance and water consumption of an existing building. This tool was very successful in EU countries and was used widely by energy managers for labeling of existing public buildings. It is user friendly software that doesn't require professional knowledge.

EC-LEDS in partnership with Green Building Council of Georgia (GBCG) has announced a competition for 2015 Green Build Awards in March with the deadline of April 15th, 2015. In order to have broad coverage and not to limit participation the applications were received in both languages Georgian and English.

The main category of the competition sponsored by EC-LEDS was “Green Building of the Year” along with several other categories. Other categories include: Planned green project of the year, Best municipal practice, Best corporate management practice, Best Development

Practice, Green Building Systems, Best Construction Practice, Production of green materials, Reuse and recycling, Sustainable waste management, Green building professionals- architects, Green building professionals - engineers, Water management, Sustainable lighting, Indoor environment, Green Building professionals - education, other Innovations and research in Green building. From these categories applications are received for: Planned green project of the year, Best corporate management practice, Best Development Practice, Sustainable waste management, Green building professionals- architects, other Innovations and research in Green building. Out of received 9 applications 3 were submitted for the main category Green Building of the Year. These 3 applications were submitted by Ecotour (Sustainable Architecture and Green Engineering Technologies center in Bazaleti), TDS (Dog shelter near Tbilisi) and New Technology Centre (Office and conference facility in Tbilisi suburb).

Summary and evaluation sheet for the applications were developed and provided to Alliance to Save Energy GB expert, an international member of the Jury. Other members of the Jury included representatives from the Ministry of Economy and Sustainable Development, Ministry of Energy, GBCG and EC-LEDS.

In May, the evaluation form along with all applications was provided to the Jury members. Dr. Duygu Erten, International Consultant has provided her evaluation for the nomination of the Green Building of the Year, which is sponsored by EC-LEDS and the Planned Green Building of the Year that is sponsored by GBCG on May 7. The Jury has conducted a first evaluation committee meeting on May 13 at GBCG office. Evaluation criteria and categories were discussed at the meeting. The jury has decided to do individual evaluations and to provide them to GBCG on Friday May 15. Final decision of the Jury based on individual evaluations was done in the week of May 25.

The winners of the competition were selected in the week of June 1st. Based on evaluation results Eco Tour (Sustainable Architecture and Green Engineering Technologies Centre) was selected as a winner of the Green Building of a Year Award. The second best was New Technology Centre (Office and Conference Facility). There are other award categories, that are sponsored by GBCG, including: Category – Best Development Practice - the winner is Lisi Lake (Residential Development); Category – Planned Green Building of the Year - Inexpo (Marneuli sports hall site) showed the best planned building performance. It was decided that Inexpo is awarded the prize in the best municipal practice award category, together with the client – Marneuli municipality. For this category it was decided to award JI; Category – Best Corporate Management Practice – the winner is CENN; Category – Other innovations and research in green building - Mr. Revaz Alishvili is nominated a winner; Category – Sustainable waste management - the winner is European Union Monitoring Mission in Georgia (EUMM).

The Award Ceremony for the Green Building of the Year competition was moved to September, 15. Meanwhile in the week of June 22 the GBCG notified the winners about results of the competition. GBCG is holding negotiations with International Expert of BREEAM/LEED on conducting certification of two buildings for the nomination of the Green Building of the Year.

During June GBCG has collected the data for Display Certification from EUMM sites: EUMM HQ, Tbilisi (former governmental hotel), EUMM GSS Building (private house), EUMM warehouse, EUMM Transport Building, EUM Field Office Gori, and EUMM Field Office Zugdidi. Building services were checked by location, type of energy consumption. EUMM facilities management and utilities

expenditure monitoring and tracking scheme/system was also observed. The Display posters are under process of preparation.

2.2 DEVELOP AND IMPLEMENT PROMOTIONAL STRATEGY AND CAMPAIGN

During Year 1, EC-LEDS produced a Green Building Marketing Strategy for promoting GB certification. During Quarter 2 of Year 2, EC-LEDS elaborated a Green Building Certification Marketing Action Plan to implement the strategy and a competition to find out and certify existing green buildings.

The Marketing Action Plan currently targets foreign and Georgian companies for certification using LEED and BREEAM. The plan will be further informed by the market assessment currently being conducted through in-depth interviews. During December 2014, EC-LEDS conducted in-depth interviews with developers, builders, architects, realtors, and banks to understand the construction and building rehabilitation market in Georgia and how green building certification and energy performance labeling could enhance value.

The double aim of the report on the GB Marketing Action Plan is to define how to implement a marketing strategy for the USAID- funded EC-LEDS project carried out by the program for certification of green buildings, and to transform and build sustainable environmental markets. The document was produced by the Green Building Council of Georgia on the basis of good practices of green building council organizations who are greening the building industry, and with guidance from the World GBC. The market transformation is being carried out according to the demand from diverse and targeted audiences. The primary aim of the action plan is to understand the attitudes of targeted groups towards green building, then to identify interested stakeholders to serve as ambassadors of the cause for further activities.

Transforming the market stems from demand created by public awareness of the benefits of green building. To certify existing buildings there are multiple options and directions, such as integrating new developments and using international or local rating tools.

EC-LEDS and GBC-Georgia announced a competition for 2015 Green Building Awards. Eligible applicants include companies and professionals that show clear implementation of sustainable design, construction and/or operation of buildings and structures. The ultimate goal is to help establish a good environmental practice model for the built environment sector. The Award will identify, recognize and highlight organizations for innovative and outstanding sustainable building principles and practices. They are designed to facilitate greater understanding of the contributions from the construction sector to sustainable development, and lead to an exchange of ideas and good practices in sustainability in Georgia and in the region. The winning designs for two buildings will be certified by EC-LEDS using the Building Research Establishment Environmental Assessment Methodology (BREEAM) rating system.

As part of the EC-LEDS Green Building public awareness campaign, EC-LEDS supported a youth TV program focused on Green Architecture from January 22nd to February 26th, aired on TV Channel Ertulovneba. On demand of viewers, TV Channel Ertulovneba decided to re-run the program in April and May, 2015.

In May Procredit Bank hosted an International Forum Green Days in Georgia at its Head Office. The

event was organized by Georgian Association of Landscape Architects (GALA) founded in 2001 with the purpose of development and popularization of landscape architecture and design. The aim of the forum was to raise awareness of the society about landscape architecture, design, energy efficiency and greening. The forum hosted guests from Russia, Italy and Ukraine, among them, Elena Markitantova from Russia, Maksim Tsarev from Ukraine and Mario Boniccelli from Italy. Guests shared experience with Georgian colleagues. In addition, guests were addressed by a representative of Eco Unit at Procredit Bank, who spoke about ongoing eco management in the bank.

WI Georgia was represented by EC-LEDS Acting COP Inga Pkhaladze, who gave a speech at the forum. The activities of EC-LEDS raised an interest among participants of the forum and turned the presentation of EC-LEDS ACOP into a lively discussion.

2.3 DEVELOP MONITORING/REPORTING/VERIFICATION (MRV) PLANS

The GB Assessment report in Year 1 proposed a framework approach to developing MRV plans for certified buildings. The framework will be fleshed out during Year 2 and incorporated into the Georgia-specific rating system and form the basis for developing MRV plans for certified buildings, including the winners of the Green Building of the Year Award and the Green Building Design Contest.

C. COMPONENT THREE: NATIONAL EC-LEDS WORKING GROUP AND ADVISORY ASSISTANCE

3.1 ACTIVITY 1: ENSURE SEAP ACTIVITIES ARE CONSISTENT WITH NATIONAL POLICIES AND PRIORITIES

The list of metrics to be supplied to muni-EIPMP by MARKAL-Georgia were prepared and discussed between Remissia and DWG. The metrics will ensure that national BAU projections drive the local (municipal) BAU projections. Since for the moment the work on MARKAL-Georgia is halted, the metrics have not been developed yet, thus SEAPs developed in the Year 2 used the BAU projections from the Joint Research Centre (JRC) of EU, instead of national MARKAL (BAU) projections.

3.2 ACTIVITY 2: ENSURE THAT MUNICIPAL-LEVEL DATA, FINDINGS AND RESULTS INFORM NATIONAL POLICIES, PROGRAMS AND ACTIONS

The list of measures with detailed data was prepared by Remissia and sent to DWG. The list enables to analyze the municipal programs and measures in MARKAL-Georgia in two ways: 1) assuming that the measures are implemented only in SEAP cities, 2) assuming the wider spread of these measures and programs to other urban areas through supported national activities.

3.3 ENSURE INVOLVEMENT IN INTERNATIONAL PROJECT, TRAINING AND PROGRAMS

The LEDES Advisor on behalf of WI Georgia won the international competition and participated in Efficient Energy Use and Planning program sponsored by SIDA and organized by LIFE Academy www.life.se in Sweden. While working on the project the LEDES advisor made special focus on the issues related to mitigation of emissions from transport sector and development of eco-friendly transport in Georgia.

During the Swedish phase of Efficient Energy Use and Planning program the LEADS advisor developed cooperation with the Swedish Energy Agency (SEA), which is a government agency for national energy policy issues; he had meetings and discussions with the District Heating Board of SEA on the policies and best practice of districts heating systems of Sweden and the possibility to adopt their experience, which can significantly reduce energy consumption for heating and hot water in urban areas of Georgia.

The LEADS advisor also worked at KTH (Royal Institute of Technology, Stockholm, Sweden) with local experts and professors, discussing the issues related to Energy Efficiency. Special focus was made on Policy Measures for Energy Efficiency in northern European countries, especially those adopted in Sweden. The parties analyzed the Administrative Policy Measures - Laws, Regulations, and Standards; Economical Policy Measures - Taxes (VAT, carbon tax), Subsidies (for RES and EE), Emission trading (NO_x, CO₂), as well as Research and Development in this field. The KTH staff and the LEADS advisor also discussed the policy measures and regulations which could be useful for Georgia.

In May and June the LEADS advisor carried out negotiations with the experts of the Technical University of Graz, Austria. www.tugraz.at. The parties discussed the involvement of the Leading experts and professors of the Technical University of Graz in development of biofuel and other renewable energies in Georgia and other projects related to planning and developing of Renewable Energy projects in Georgia.

The LEADS advisor on Behalf of WI Georgia participation in the conference dedicated to Renewable Energy-Directive 2009/28/EC - Renewable Energy in the Energy Community - Directive 2009/28/EC, received from the EU experts information on Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC.

3.4 SECTORAL WORKING GROUPS (SWG) AND ADVISORY ASSISTANCE

The LEADS advisor had regular working meetings with the leaders and the staff of the Sectorial Sub-Working groups. Especially important were the meetings with Energy Sub-Working group and the Head of the Analytical Department (AD) of the Ministry of Energy. During these meetings the participants discussed the details of the Georgia GHG Emissions spreadsheet with special focus on energy sector, upgrading the information, inputting updates and corrections related to GDP growth rate of Georgia, based on the information obtained from The Ministry of Economy and Sustainable Development of Georgia.

The LEADS advisor and the Head of the AD analyzed numbers of the Driving Demands of MARKAL Georgia and related BAU scenarios; discussed the development of Hydro and other Renewable Energies in Georgia and their impact on emissions' reduction, discussed the possible mitigation options and their evaluation criteria. The LEADS advisor regularly provided information on the results of these meetings with the sectorial Sub-working groups to the Head of the Climate Change Office of MoENRP and analyzed the input of the experts of the SWGs.

DWG and Remissia continued supporting and training the Analytic Department of Ministry of Energy in using MARKAL-Georgia. Number of mitigation scenarios for the Ministry of Energy were run and analysed including the energy efficiency in lighting, energy efficiency in thermal generation and meeting Energy Community target for Energy efficiency. The results were analysed and discussed with the staff of the Analytic Department of the Ministry.

While working on the sectorial GHG projections, Remissia found that there was considerable mismatch in sectoral gas consumption between the 2013 energy balance developed by Geostat and adjusted 2012 energy balance developed by the Analytic Department for Markal-Georgia. After consultations, the SWG made further adjustment to 2012 balance and corrected the base year inventory. But further scrutinization of 2012 adjusted balance showed that similar significant mismatches are present in sectoral consumptions of other fuels as well. Based on this the Ministry of Energy requested to change the base year to 2013 and use energy balance developed by Geostat.

3.5 ASSISTANCE TO THE CLIMATE CHANGE OFFICE OF MOENRP

The LEDS advisor had regular working meetings with the head of the Climate Change Office of MoENRP. The discussions were about the energy and non-energy emissions and the BAU development related to the economic growth rate updates. They discussed the emissions reduction by phasing out incandescent bulbs from the residential and commercial lighting, replacing the old gas-fired power plants with higher efficiency technology and the Scenarios to achieve an 18% reduction in Primary Energy use by 2025. At these meetings the LEDS advisor also regularly updated the Head of the CC office about the development and progress of MARKAL Georgia.

Together with the Head of the CC office and the leaders of the sectorial sub-working groups the LEDS advisor analyzed the possible mitigation options in industry sector and the non-energy sector, discussed the possible emission reduction from waste sector by improving waste disposal management and waste land fields. Discussed with Climate Change Office staff the data provided by the AD staff of the Ministry of Energy, namely Georgia Analytic Workbook, analyzed electric generation by fuel group, sorted out final energy numbers by fuel group, as well as final energy by demand sectors and energy production by fuel type, in relation with total CO₂ emissions

Working on capacity building with the staff of Climate Change Office, the LEDS advisor analyzed the possibilities of LEDS and INDC interconnection and LEDS findings contribution to INDC preparation process; overviewed the INDCs submitted to UNFCCC as per of May 07, 2015, provided information and analyses on the approach of developed, developing and non-annex countries, the details related to the baseline years, emissions reductions percentage, the period covered, and type of commitments; discussed and analyzed the mitigation options for Georgia.

Four Different BAU scenarios were developed and submitted to the climate change office using MARKAL-Georgia. These were EC-LEDS BAU scenario (average), optimistic scenario, pessimistic scenario and scenario developed based on GDP and population forecasts of Climate Change office. Both BAU report as well as the excel data was passed over to climate change office to be used for IDNC.

3.6 ASSISTANCE TO GOG

Together with the staff of Climate change office of MoENRP the LEDS advisor worked on the latest development of BAU parameters and the materials to be presented to the official Economic Council of GOG, taking into consideration remarks of the Ministry of Economy made on the possible emissions reduction from various sectors. Together with the COP of WI and the Head of the CC Office of MoENRP he regularly analyzed the results of the Energy BAU calculation; discussed the schedule of SWG meetings, coordinated the works on mitigations options.

At the high level meeting with the Deputy Minister of MoENRP and the Head of Climate Change Office the LEDS advisor discussed the organizational issues related to the high level meeting, where Deputy Ministers of the main stakeholder ministries could meet again together to discuss and make a final agreement on energy BAU and plan other related activities, including LEDS and INDC data relations.

Alongside with the energy sectors, the advisor checked and discussed with the head of CC office of MoENRP the latest updates and mitigation options in the non-energy sector too, overviewed the data received about the performance of several large plants of the sector, analyzed possible mitigation options, also together with the head of Agriculture SWG analyzed the data provided from the Ministry of Agriculture.

D. LESSONS LEARNED

- Strong coordination and cooperation between the Climate Change Office, GOG and all other stakeholders are crucial for overall success.
- More intensive exchange of information between GOG top level managers and other stakeholders brings the results and contributes to the fast progress of the process.
- Sectoral SWGs need more strict guidance in order to receive valuable feedback from them while working on baseline emissions and mitigation options.

E. ENVIRONMENTAL PROTECTION ACTIVITIES

First draft of the Programmatic Environmental Assessment (PEA) was submitted to USAID on 28 January 2015. Before its submission to USAID, the Programmatic Environmental Assessment (PEA) draft was adjusted as per recent changes in environmental legislation in the sphere of waste management policy (new “Waste Management Code of Georgia” adopted by parliament of Georgia on 26 December 2014). Respectively, all related components of the PEA have been updated and adjusted. On February 27th, 2015, EC-LEDS received feedback from USAID on the Programmatic Environmental Assessment (PEA) previously submitted. Accordingly, the EC-LEDS PEA team revised the PEA and revised second draft was delivered to USAID on 07 April 2015. Final version of the EC-LEDS Programmatic Environmental Assessment (PEA) document was approved and communicated from USAID on June 19, 2015.

In the light of the approval of EC-LEDS Programmatic Environmental Assessment (PEA), EC-LED Environmental specialist and relevant project team continue technical consideration of sub-grant applications in order to ensure incorporation of environmental safeguards into the technical designs of potential projects. EC-LEDS Environmental Specialist has conducted several site visits for the purpose of initial inspection of proposed sub-grant project sites. Final stipulation of Environmental Mitigation and Monitoring commitments will follow right after finalization of sub-grant project specific technical scope and BOQs.

F. CROSS-CUTTING ACTIVITIES

I. NATIONAL PUBLIC COMMUNICATIONS AND OUTREACH

In the reporting period, EC-LEDS continued airing of EE PSAs produced during the Quarter I. PSAs have been aired on TV Channels Tabula, Channel I and Imedi. These short animated films give the audience examples of energy efficient facts along with do's and don'ts for economizing energy.

PSA Scenarios:

Scenario #1:

- ✓ An energy efficient light bulb consumes 75% less energy than the traditional incandescent one.
- ✓ Using a pan lid while cooking will save 14% of energy.
- ✓ If a human yells for 8 years, 7 months and 6 days non-stop, he/she generates enough energy to heat a cup of coffee.
- ✓ Don't yell to heat coffee – use energy efficiently!
- ✓ Energy Efficiency Is A Smart Choice!

Scenario #2:

- ✓ To switch on a 60 watt light bulb, a wind turbine has to perform 0.0002 rotations.
- ✓ To switch on the same capacity light bulb, 1,160,429 hamsters have to run round a wheel non-stop.
- ✓ Don't make hamsters run to switch on a light!
- ✓ Energy Efficiency is a Smart Choice!

Scenario #3

- ✓ Each time the door of a refrigerator is opened, 30% of its cool air is lost.
- ✓ An electric eel discharges 400 volt energy to defend itself.
- ✓ Do not attack an electric eel.
- ✓ Energy Efficiency Is A Smart Choice.

Scenario #4

- ✓ 75% of energy is consumed by electric appliances in stand-by mode.
- ✓ A washing machine uses 90% of its energy to heat water.
- ✓ Pedaling a bike one can generate 150 watts of energy-- enough to watch TV.
- ✓ You don't need to cycle in the apartment--use energy wisely!
- ✓ Energy efficiency is a smart choice!

In Quarter I, EC-LEDS and FFC launched a Facebook page to reach a wide audience and provide a platform to promote events that EC-LEDS stakeholders (i.e. municipalities) are engaged in. These include Sustainable Energy Week, Energy Days, and special annual events within target municipalities. The Program integrated its energy efficiency brand and slogan “Energy Efficiency is a Smart Choice” into its FB profile and content. EC-LEDS FB content and presence is maintained on a weekly basis and utilizes the platform to share content and broadcast PSAs, distribute press releases, publicize upcoming events and program highlights. The program will also link its FB profile to existing local and international energy efficiency and conservation websites. Specific campaigns will be developed

to reach target audiences, with messages geared to their knowledge, attitudes or behaviors according to the findings of our baseline survey. To date, a total of page likes is 1,810.

The EC-LEDS 15-second PSAs were aired on Channel I in April (a total of 112 spots, on TV Channel Tabula in May (a total of 735 spots) and June (a total of 427 spots) and TV Channel Imedi (a total of 3 spots).

In the reporting period the EC-LEDS outreach team finalized the concept of outdoor advertisement. The EC-LEDS EE PSAs are being aired beginning June 22nd until July 6th (a total of 500 spots).

The EC-LEDS National outreach campaign is supported by printed materials, and during the reporting period they produced t-shirts, caps, pens, and key chains with the EC-LEDS program logos, energy efficiency brand and slogan “Energy Efficiency is a Smart Choice”.

In June the U.S. Embassy has celebrated America Days in a week-long event to showcase American culture and U.S.-supported programs in Georgia in four cities of Zugdidi, Akhaltsikhe, Gori and Tbilisi. At the Information Fair, visitors learned about assistance programs, educational exchanges, consular and immigration services, various grants and other development projects in Georgia supported by U.S. Government. Guests could also listen to American music and watch street dancing performed live by both Georgian and American artists and youth. Especially for America Days, the U.S. Embassy has invited the hip-hop and rock fusion music group, "Dangerflow" based out of Miami, Florida.

EC-LEDS Clean Energy Program took part in America Days at Tbilisi Rike Park on June 6th. The project presented the activity and installed energy efficient light bulbs. The project distributed branded promotional materials (t-shirts, caps, key chains, and brochures) among general public, and explained the benefits of energy efficient measures and technologies.



Photo 1 EC-LEDS tent shared with WMTR at America Days 2015



Photo 2 EC-LEDS promotional items at America Days 2015

In June EC-LEDS participated in a series of events under Sustainable Energy Week 2015. The event was organized by Energy Efficiency Center Georgia in collaboration with Akaki Tsereteli State University and Kutaisi City Hall. The EC-LEDS Acting COP delivered a presentation on EC-LEDS activities and the importance of Green Building in reduction of CO₂ emissions at the Scientific Conference entitled “Sustainable Energy: Challenges and Development Prospects”.



Photo 3 (from left) Giorgi Abulashvili from EEC Georgia, Professor Gia Arabidze from GTU, EC-LEDS Acting COP Inga Pkhaladze and Omar Zivivadze from Akaki Tsereteli State University at Scientific Conference in Kutaisi

EC-LEDS took part in the Conference entitled “Sustainable Energy Week 2015” in Hotel Rooms Tbilisi. The event was organized under Sustainable Energy Week 2015 by EEC and Tbilisi City Hall. The conference was dedicated to Covenant of Mayors and SEAP process. The EC-LEDS ACOP delivered a speech on EC-LEDS scope of work and activities.



Photo 4 (from left) EC-LEDS ACOP Inga Pkhaladze, Deputy Mayor Irakli Lekvinadze, Giorgi Abulashvili, EEC Georgia, representative from Tbilisi City Hall.

2. PEOPLE WITH DISABILITIES (PWD), YOUTH AND GENDER

In the reporting period, EC-LEDS finalized a Cross-Cutting Action Plan to address concerns and opportunities related to gender, people with disabilities (PWD), and youth, and building upon existing efforts, identifies activities and timeline to ensure these groups are integrated into relevant components of EC-LEDS.

Since December 2014, EC-LEDS cooperates with USAID’s Momavlis Taoba (Future Generation) program implemented by PH International. In 2010 PH International created a civics education web portal (www.civics.ge) within the framework of the USAID-funded Applied Civic Education and Teacher Training Program. The Momavlis Taoba Program has supported this web portal since 2014. The purpose of the web portal is to increase public awareness of civic education as a means to influence the knowledge, attitudes and behaviors of youth as active participants in Georgia’s democratic society.

The main objective was to involve youth in energy efficiency and climate change mitigation. The students were selected from Civics Clubs for students from the 9th to 12th grades. During the event,

students watched a presentation on “How to Save Energy” the participated in a contest, “Energy Efficiency is a Smart Choice” to demonstrate their EE skills acquired at the seminar. The seminar was conducted by Professor Gia Arabidze, Dean of the Energy and Telecommunications Faculty at Georgian Technical University.

The EC-LEDS Youth Energy Efficiency Events were 2.5 hours long, of which the first two hours were dedicated to “How to Save Energy”. The seminar covered the following topics:

- What is Energy Efficiency: A brief introduction to energy efficiency and explanation of energy terms.
- Ways to Save Energy: Various ways to save energy and the energy audit.
- Information Campaigns: A brief description of advertising and information campaigns about energy efficiency.
- The Importance of Energy Efficiency: The importance of energy efficiency with regard to the rational use of energy, energy security of the state, and the importance of energy efficiency for Georgia.
- Energy Efficiency in the Residential Sector: How to save energy at home.
- Energy Efficient Technologies: An introduction to technologies and appliances.
- Renewable Energies: Renewable energy sources were discussed with examples of technologies and how to use them.
- Energy Efficient Projects: Some energy efficient projects supported by donor organizations.

In Gori, a total of 31 students participated in the event at the office of partner Society ‘Biliki’. The society was founded in 1997 in Shida Kartli, Gori. Since then, it has been implementing the child care, integration, professional skills development, voluntary and training programs. Among other projects, Society “Biliki” is implementing the Momavlis Taoba Program in collaboration with USAID’s PH International aiming improvement of school based civic education in order to enhance civil society’s role in promoting transparent and accountable governance at the national and local levels. In Telavi, a total of 23 students were invited at the Center for Civic Engagement serving eight municipalities of Kakheti region.



Photo 5 Photo Professor Arabidze at Students Event in Telavi



Photo 6 Professor Arabidze at Students Event in Gori



Photo 7 EC-LEDS Promotional Items



Photo 8 Medals for EC-LEDS Youth Event winners



Photo 9. EC-LEDS Youth Event Participation Certificate

EC-LEDS produced flyers with Braille print for blind people and PSAs with subtitles for deaf people.



Photo 10 EC-LEDS EE flyer with Braille print



Photo 11 Screenshot from PSA with subtitles



Photo 12 Screenshot from PSA with subtitles

EC-LEDS participated in the Earth Day Celebration organized by Waste Management Technologies in the Regions and Ecovision on April 22nd at Tbilisi Zoo. The EC-LEDS representative gave branded t-shirts, caps and pens to the winners of the contests.



Photo 13 Tbilisi schoolchildren at the Earth Day celebration



Photo 14 Winrock Georgia Events Manager handing out EC-LEDS promotional items

The EC-LEDS team participated in the presentation of Energy Efficiency & Renewable Energy project to be implemented at Kutaisi Torpedo Sport Base and awarded Torpedo football players with EC-LEDS branded caps.



Photo 15 Torpedo football players at Torpedo Sport Base, Kutaisi

EC-LEDS established a special nomination in the Students' Architectural Contest Best Coursework 2015. The Contest was organized by EEC under Sustainable Energy Week 2015. The purpose of the contest was to reveal the best coursework focused on sustainable development and green building principles. The EC-LEDS prize and certificate for the Best Green Building Design 2015 was awarded to the student of GTU Architectural Faculty Tamar Benashvili for the coursework entitled The Best Theoretical Analysis of Energy Efficiency Principles. The design suggested construction of a wine factory in Kakheti. The author conducted a comprehensive pre-design site assessment including territory study, weather condition, landscape and transport. The author demonstrated better understanding of the pre-design study and showed good survey skills, which are a basis for good environmental design. The event closed the Energy Week 2015 activities.



Photo 16 (from left) Giorgi Gongliashvili from BP-Georgia, Professors Levan Beridze and Gocha Mikiashvili, WI Awareness Manager and the winner of EC-LEDS special Nomitaion Tamar Benashvili



Photo 17 EC-LEDS Prize and Certificate for the Best Green Design 2015

3. COOPERATION WITH OTHER USAID PROGRAMS

EC-LEDS established good communication and cooperation with other USAID sponsored programs, including G4G, Waste Management Technologies in Regions, as well as the EU funded programs - ClimaEast, German-funded support for Buildings NAMA, and GIZ's support for Georgia's Intended Nationally Determined Contribution (INDC) and the WWF funded Energy Efficient Stoves NAMA implemented by the Green Movement of Georgia. The project closely cooperates with the USAID funded project Institutionalization of Climate Change Adaptation and Mitigation in the Georgian Regions/National Association of Local Authorities of Georgia (NALAG).

IV. YEAR TWO WORK PLAN: DELIVERABLES SUBMITTED IN YEAR TWO, QUARTER THREE

Component	Deliverable/Product	Date Submitted
Public Outreach	Media Coverage Report - March 2015	03-Apr-15
Environmental Compliance	EC-LEDS Second Draft PEA	07-Apr-15
All	Quarterly Progress Report Jan- Mar 2015	17-Apr-15
Component Two	EC-LEDS Report on Adopting Display or Energy Passport Tool, and Developing Guidelines	24-Apr-15
Component One	Sustainable Energy Action Plan for Telavi (Geo)	30-Apr-15
Component Three	MARKAL-Georgia EC-LEDS Reference Scenario Report	30-Apr-15
Public Outreach	Media Coverage Report	08-May-15
M&E	GIS Data Collection	08-May-15
Public Outreach	Report on EC-LEDS Youth Energy Efficiency Events	18-May-15
Component One	Memo on Suggested Grant Award Types for Local Municipalities (Along with the Official Letters from the Mayors of Zugdidi and Batumi) and the Amended Grants Manual for Approval	18-May-15
Public Outreach	Media Coverage Report	22-May-15
M&E	Training Report on EC-LEDS Local Partners Introduction to Open Data Policy and New Reporting Requirements	08-Jun-15
Public Outreach	Cross cutting Action Plan	19-Jun-15

The indicators with Year 2 targets include outcome indicators OC2, OC3, OC4, OC7 and output indicators OPI1, OP2, OP3, OP4, OP5, OP6, OP7, OP8, OP9, OPI10, Op11, OPI12, Op13, Op14, OPI15, OPI16, OPI18, Op19, OP22, OP23.

During Quarter 3 of Year 2, activities in all components and cross-cutting issues have been implemented and progress has been demonstrated. However, not all achievements can be quantified. In addition, during this reporting period, local sub-grantees of EC-LEDS program were trained in USAID Open Data Policy. The goal of the training was to Raise awareness on USAID Open Data Policy and its requirements and improved knowledge regarding the ways of compliance with new policy. It was agreed, that each partner will submit already available datasets to Winrock Georgia by the end of June, after which M&E Specialist will compile collected data and prepare for submission to Development Data Library.

During this reporting quarter, GIS data collection template was filled out and submitted to USAID

The tables below demonstrate the achievements for the indicators with results, and include information on the relevant activities including name, geographic scope, and participants, including sex-aggregated data. INDICATOR TITLE: **Quantity of greenhouse gas (GHG) emissions, measured in metric tons of CO2 equivalent (CO2_e), reduced or sequestered as a result of USG assistance (OC 2)**

<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>				
Metric tons of CO2	<i>Geographic Location</i>	<i>Event</i>	<i>Date</i>		<i>total</i>

Results:

<i>Additional Criteria</i> <i>If other criteria are important, add lines for setting targets and tracking</i>	<i>Baseline</i>	<i>Y1</i>		<i>Y2</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
Metric tons of CO2	0	0	0	43,000		55,000		236,000	

INDICATOR TITLE: **Energy saved due to energy efficiency/conservation projects as a result of USG assistance (OC 3)**

UNIT:	<i>DISAGGREGATE BY: Regions or municipality</i>			
GW/h _e	<i>Geographic Location</i>	<i>Event</i>	<i>Date</i>	<i>total</i>

Results:

Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
GW/h _e	0	0		62,000		75,000		315,000	

INDICATOR TITLE: Number of private sector clean energy investments (OC 4)										
UNIT: USD	DISAGGREGATE BY: <i>Region or Municipality</i>									
	<i>Geographic Location</i>		<i>Event</i>			<i>Date</i>		<i>total</i>		
Results:										
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Y1</i>		<i>Y2</i>		<i>Y3</i>		<i>End of Project</i>		
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	
USD Million	0	0	0	4.0		3.0		14.0		

INDICATOR TITLE: Number of local organizations positioned to receive USG funding and implement USG projects as a result of EC-LEDS assistance (OC 5)									
UNIT: USD	DISAGGREGATE BY: <i>Region or Municipality</i>								
	<i>Geographic Location</i>	<i>Event</i>			<i>Date</i>		<i>total</i>		
Results:									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
USD Million	0	0	0	1		1		2	

INDICATOR TITLE: Expected lifetime energy savings from energy efficiency or energy conservation, as a result of USG assistance (OC 7)									
UNIT: Gigajoules (GJ)	DISAGGREGATE BY: <i>None</i>								
	<i>Geographic Location</i>	<i>Event</i>			<i>Date</i>		<i>total</i>		
Results:									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Y1</i>		<i>Y2</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
	0	0	0						

INDICATOR TITLE: Number of low emissions development plans developed and/or implemented as a result of USG assistance (LEDS, SEAP, other) (OP 1)									
UNIT: No. of Plans developed	DISAGGREGATE BY: Phase of implementation (developed, implemented)								
	Geographic Location		Event		Date		total		
	Gori		SEAP for Gori Municipality developed		March, 2015		1		
	Telavi		SEAP for Tbilisi Municipality developed		April, 2015		1		
Tbilisi		MRV Report for Tbilisi		June, 2015		1			
Results:									
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2/Q1+Q2+Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Plans developed	0	3	3	4	3	3		10	

INDICATOR TITLE Number of Sustainable Energy Offices (SEOs) or shared Sustainable Energy Resource Centers established in participating municipalities (OP 2)									
<i>UNIT:</i>	<i>DISAGGREGATE BY: New offices, ongoing offices</i>								
No. of of Sustainable Energy Offices/ Sustainable Energy Resource Centers established	<i>Geographic Location</i>		<i>Event</i>		<i>Date</i>		<i>total</i>		
<i>Results:</i>									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
No. of Offices created	0	0	0	3	0	2		5	

INDICATOR TITLE: **Number of institutions with improved capacity to address climate change issues as a result of USG assistance (OP 3)**

UNIT:	DISAGGREGATE BY: None			
Number of Institutions	Geographic Location	Event	Date	total
		3 Municipalities of Gori, Tbilisi, Poti attended on-job training in Data Collection and Analysis	October-December, 2014	3
		3 Municipalities of Gori, Tbilisi, Telavi attended on-job training on inventory and planning in building, greening, public lighting, waste and transport sectors	January-March, 2015	1 (new)
		3 Municipalities of Akhaltsikhe, Telavi, Tbilisi attended on-job training on strategic and technical aspects of SEAPs and MRV Report	April-June, 2015	1 (new)

Results:

Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2/Q1+Q2+Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Institutions	0	9	10	5	5	0		14	

INDICATOR TITLE: Number of stakeholders using climate information in their decision making as a result of USG assistance (OP 4)

<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>				
Number of Stakeholders	<i>Geographic Location</i>	<i>Event</i>	<i>Date</i>		<i>total</i>
	Ministry of Energy, Ministry of Environment, Ministry of Economy, Ministry of Agriculture, Energy Efficiency Center, National Statistics Office of Georgia, Economic Council's Office , World Experience for Georgia	4 ministries and 4 other stakeholders participating in Sub-working Group (SWG), Expert Working Group (EWG) and Steering Committee (SC) meetings	October-December, 2014		8

Results:

<i>Additional Criteria</i>	<i>Baseline</i>	<i>Y1</i>		<i>Y2/Q1</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
<i>If other criteria are important, add lines for setting targets and tracking</i>									
No. of Stakeholders	0	8	12	6	8	0		14	

INDICATOR TITLE: Number of laws, policies, strategies, plans, agreements or regulations addressing climate change mitigation officially proposed, adopted, or implemented as a result of USG assistance (OP 5)									
UNIT:	DISAGGREGATE BY: None								
Number of Laws, Policies, Strategies	Geographic Location	Event			Date	total			
Results:									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Laws, Policies, Strategies	0	1 proposed	1 proposed	1 proposed		1 adopted		1 adopted 2 proposed	

INDICATOR TITLE: Number of climate change mitigation tools, technologies or methodologies developed, tested and/or adopted as a result of USG assistance (OP 6)

UNIT:	<i>DISAGGREGATE BY: None</i>			
Number of Tools	<i>Geographic Location</i>	<i>Event</i>	<i>Date</i>	<i>total</i>
	<i>For all municipalities</i>	Testing of the muni-EIPMP tool in all municipalities	October-December, 2014	1
	<i>For all municipalities</i>	Testing of the muni-EIPMP tool in all municipalities	January-March, 2015	

Results:

Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2/Q1		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
No. of Tools	0	1	2	2	1	2		5	

INDICATOR TITLE: Number of households/ business/ public institutions implementing energy efficiency measures as a result of USG assistance (OP 7)									
UNIT: No. of electricity consumers implementing energy efficiency measures	DISAGGREGATE BY: <i>None HH, Businesses, Institutions</i>								
	<i>Geographic Location</i>	<i>Event</i>			<i>Date</i>	<i>total</i>			
Results:									
<i>Additional Criteria</i> <i>If other criteria are important, add lines for setting targets and tracking</i>	<i>Baseline</i>	<i>Y1</i>		<i>Y2</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
<i>No. of Households</i>	0	0	0	500		1000		1500	
<i>No. of businesses</i>	0			2		8		10	
<i>No. of institutions</i>	0			2		8		10	

INDICATOR TITLE: Number of climate change mitigation projects implemented as a result of USG assistance (OP 8)									
UNIT: No. of climate change mitigation projects	DISAGGREGATE BY: None								
	Geographic Location	Event			Date	total			
	For all municipalities								
Results:									
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Projects	0	0	0	5	0	15		20	

INDICATOR TITLE: **Number of buildings labeled based on green building or energy efficiency standards (OP 9)**

UNIT:		DISAGGREGATE BY: <i>Received, Approved</i>								
No. of buildings	<i>Geographic Location</i>		<i>Event</i>		<i>Date</i>		<i>total</i>			
	Tbilisi		The following building were labeled: British Council in Georgia Office EUMM HQ EUMM GSS EUMM FO Gori EUMM FO Mtskheta EUMM FO Zugdidi EUMM Transport EUMM Warehouse		April-June, 2015		8			
Results:										
Additional Criteria		Baseline	Y1		Y2		Y3		End of Project	
<i>If other criteria are important, add lines for setting targets and tracking</i>			Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Buildings		0	0	0	2	8	4		10	

INDICATOR TITLE: **Number of individuals reached through outreach campaigns (OP 10)**

UNIT: DISAGGREGATE BY: None				
Number of Individuals	Geographic Location	Event	Date	total
		Georgia	Public Service Announcement – airing of EC-LEDS Energy Efficiency PSA as a Social Advertisement on GPB Channel I	October 1-12, 2014 December 2-12, 2014
	Kutaisi, Zugdidi, Batumi	Youth Energy Efficiency Event	December 16-18, 2014	165,000 individuals
	Batumi	Street Art - Energy Efficiency street painting on Batumi Port wall	October-December, 2014	A total of (Y2 Quarter 1)– 405,075 1286 individuals
	Georgia	TV Program Green Architecture airing on TV Channel Ertulovneba	January 26-February 28, 2015	1,013,057 individuals
	Georgia	Public Service Announcement airing of EC-LEDS Energy Efficiency PSA as a Social Advertisement on GPB Channel I - A total of 58 spots	February 14-28, 2015	133 individuals (47 – female, 86- male)
	Tbilisi	Youth EE Event	March 1-8, 2015 March 20, 2015	A total of (Y2 Quarter 2) – 1,014,476 individuals Total for Year 2 Quarter 1 and Quarter 2 – 1,419,551 individuals
	Gori	Youth EE Event	April 24, 2015	31 individuals (27-female; 4-male)
	Telavi	Youth EE Event	May 11, 2015	23 individuals (16-female; 7-male)
	Georgia	Outdoor advertising	May-June, 2015	105,750 individuals
	Georgia	People reached through EC-LEDS Facebook	April-June, 2015	1810 individuals
		Public Service Announcement on Public Broadcasting	April-June, 2015	

	Georgia			497,963 individuals Total for Quarter 3 – 605,577 individuals Total for Y2 Q1-Q3=2025128 individuals
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Results:

Additional Criteria	Baseline	Y1		Y2/Q1 + Q2		Y3		End of Project	
<i>If other criteria are important, add lines for setting targets and tracking</i>		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Individuals	0	250,000	254,157	250,000	2025128	250,000		1 million	

INDICATOR TITLE: Number of USG-supported training or activities that contribute to building the EE knowledge and skills in the GOG, Municipalities, industry and other stakeholders (OP II)

UNIT:	DISAGGREGATE BY: None			
Number of Training activities	Geographic Location	Event	Date	<i>total</i>
	Gori, Tbilisi, Poti	"On job training in the sectors of public lighting, transport, waste, building, waste water management, greening on data collection and analysis"	October-December 2014	<p>A total of 3 events for Quarter 1 , Year 2</p> <p>A total of 3 events for Quarter 2 , Year 2</p> <p>A total of 6 events for Quarters 1 and 2 for Year 2</p> <p>1 event for Quarter 2</p> <p>Total of 7 events for Quarter 3, Year 2</p>
	Tbilisi	Training-workshop "Inventory of GHGs, development of a Business as Usual (BAU) scenario and mitigation measures in transport, outdoor lighting and building sectors"	27 November, 2014	
	Tbilisi	Training of the professionals in green building principles, application of LEED and BREEAM rating tools	September 30 – October 1, 2014	
	Gori, Tbilisi, Telavi	On-job trainings in inventory and planning in building, greening, public lighting, waste and transport sectors	January-March, 2015	
	Tbilisi	Training-workshop on piloting and testing muni-EIPMP tool in waste and greening sectors for Khashuri, Akhaltsikhe, Tbilisi, Poti, Ozurgeti, Zugdidi, Mtskheta, Telavi, Batumi, Kutaisi, Tianeti municipalities	February 25, 2015	
	Tbilisi	Workshop on comparison of the EPBD and IECC building energy performance requirements	February 24, 2015	
	Tbilisi	On-job training on strategic and technical aspects of MRV report and SEAPs for Telavi, Akhaltsikhe and Tbilisi municipalities	April-June, 2015	

Results:									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2/Q1 + Q2		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Training activities	0	6	10	30	7	14		50	

INDICATOR TITLE: **Number of individuals receiving USG supported training in technical energy fields (OP 12)**

UNIT: DISAGGREGATE BY: None				
No. of individuals	Geographic Location	Event	Date	total
		Gori, Tbilisi, Poti	"On job training in the sectors of public lighting, transport, waste, building, waste water management, greening on data collection and analysis"	October-December 2014
	Tbilisi	Training-workshop "Inventory of GHGs, development of a Business as Usual (BAU) scenario and mitigation measures in transport, outdoor lighting and building sectors"	27 November, 2014	12 (3 female, 9 male)
	Tbilisi	Training of the professionals in green building principles, application of LEED and BREEAM rating tools	September 30 – October 1, 2014	12 (2 female, 10 male)
	Gori, Tbilisi, Telavi	On-job trainings on inventory and planning in building, greening, public lighting, waste and transport sectors	January-March, 2015	A total of 36 individuals for Quarter 1, Year 2 15 participants (1 – female, 14 – male)
	Tbilisi	Training-workshop on piloting and testing muni-EIPMP tool in waste and greening sectors for Khashuri, Akhaltsikhe, Tbilisi, Poti, Ozurgeti, Zugdidi, Mtskheta, Telavi, Batumi, Kutaisi, Tianeti municipalities	February 25, 2015	11 participants (3 – female, 8-male)
	Tbilisi	Workshop on comparison of the EPBD and IECC building energy performance	February 24, 2015	28 participants (10 – female, 18-male)
	Tbilisi	On-job training on strategic and technical aspects of MRV reports and SEAPs	April-June, 2015	A total of 54 individuals for Quarter 2, Year 2 A total of 90 individuals for Quarters 1 and 2, Year 2 32 participants (7-female, 25-male) A total of 122 participants for Quarter 3, Y2

Results:

Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2/Q1+Q2+Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Individuals	0	50	76	50	122	0		100	

INDICATOR TITLE: Value of grants disbursed as a result of USG assistance for scientific research and energy efficiency pilot projects (OP 13)									
<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>								
Value of grants distributed	<i>Geographic Location</i>		<i>Event</i>			<i>Date</i>	<i>Total</i>		
	<i>For all municipalities</i>								
<i>Results:</i>									
<i>Additional Criteria</i>	<i>Baseline</i>	<i>Y1</i>		<i>Y2</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
<i>If other criteria are important, add lines for setting targets and tracking</i>									
Value of grants	0	0	0	300,000		200,000		500,000	

INDICATOR TITLE: Number of promotional plans and campaigns implemented to increase awareness of citizens about energy efficiency (OP 14)

UNIT:	<i>DISAGGREGATE BY: None</i>				
No. of Plans	<i>Geographic Location</i>	<i>Event</i>	<i>Date</i>		<i>total</i>

Results:

Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
No. of Plans	0	2	2 (Implementation Ongoing)	2	2	2	2	2	2

INDICATOR TITLE: Number of beneficiaries receiving improved infrastructure services due to USG assistance (OP 15)									
UNIT: No. of beneficiaries receiving improved infrastructure services	DISAGGREGATE BY: None								
	Geographic Location	Event			Date	total			
Results:									
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Beneficiaries	0	0	0	1		2		3	

INDICATOR TITLE: Number of individuals receiving USG supported training in energy related policy and regulatory practices (OP 16)				
UNIT: No. of individuals	DISAGGREGATE BY: None			
	Geographic Location	Event	Date	Total
	Gori, Tbilisi, Poti	"On job training in the sectors of public lighting, transport, waste, building, waste water management, greening on data collection and analysis"	October-December 2014	12 (4 female, 9 male)
	Tbilisi	Training-workshop "Inventory of GHGs, development of a Business as Usual (BAU) scenario and mitigation measures in transport, outdoor lighting and building sectors"	November, 27, 2014	12 (4 female, 9 male)
	Tbilisi	Planning Team Meeting	October 01, 2014	12 participants (6 female, 6 male)
	Tbilisi	LEDS EWG Meeting	October 02, 2014	12 participants (6 female, 6 male)
	Tbilisi	Industry SWG Meeting	November 10, 2014	9 participants (4 female, 5 male)
	Tbilisi	Planning Team Meeting	November 11, 2014	7 participants (5 female, 2 male)
	Tbilisi	Forestry SWG Meeting	November 25, 2014	10 participants (3 female, 7 male)
				Total for Quarter 1, Year 2 is 76 individuals (32 female, 44 male)
	Tbilisi	On-job trainings on inventory and planning in building, greening, public lighting, waste and transport sectors	January-March, 2015	15 participants (1 – female, 14 – male)
	Gori, Tbilisi, Telavi	Training-workshop on piloting and testing muni-EIPMP tool in waste and greening sectors for Khashuri, Akhaltsikhe, Tbilisi, Poti, Ozurgeti, Zugdidi, Mtskheta, Telavi, Batumi, Kutaisi, Tianeti municipalities	February 25, 2015	11 participants (3 – female, 8-male)
	Tbilisi	Workshop on comparison of the EPBD and IECC building energy performance	February 24, 2015	28 participants (10 – female, 18-male)
	Tbilisi	Forestry SWG Meeting	February 5, 2015	14 participants (5 –female, 9-male)
	Tbilisi	Building SWG Meeting	February 19, 2015	22 participants (13 –female, 9-male)
	Tbilisi	Steering Committee Meeting (SCM)	February 20, 2015	27 participants (17 –female, 10-male)
	Tbilisi	Building SWG Meeting	February 26, 2015	14 participants (8 –female, 8-male)
	Tbilisi	Forestry SWG Meeting	March 10, 2015	19 participants (9–female, 10-male)
	Tbilisi	Transport SWG Meeting	March 18, 2015	27 participants (10–female, 17-male)
	Tbilisi	Energy SWG meeting	March 30, 2015	16 participants (10–female, 6-male)
				Total for Quarter 2, Year 2 is 193 individuals (84 female, 109 male)
				Total for Quarters 1 and 2, Year 2 is 269 individuals (116 female, 153 male)
	Tbilisi, Akhaltsikhe, Telavi	On-job training on strategic and technical aspects of MRV reports and SEAP	April-June, 2015	32 participants (25- female, 7-male)
				Total for Quarters 1-3 is 301 individuals (141 female, 160 male)

Results:									
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2/Q1 + Q2+Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Individuals	0	40	137	50	301	0		90	

INDICATOR TITLE: Number of MRV plans developed to track impact of SEAPs implementation (OP I7)									
Unit:	Disaggregate by: None								
No. of Plans	Geographic Location	Event	date		total				
	Gori	MRV Plan for Gori SEAP developed	March 2015		1				
	Tbilisi	MRV Plan for Tbilisi SEAP Developed	June, 2015		1				
Results:									
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2, Q1 & Q2 & Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
No. of Plans	0	4	4	3	2	3		10	

INDICATOR TITLE:
Number of individuals at national and local level trained in climate change as a result of USG assistance (OP18)

UNIT:	DISAGGREGATE BY: None				
No. of Individuals	Geographic Location	Event	Date	total	
	Gori, Tbilisi, Poti	“On-job training in the sectors of public lighting, transport, waste, building, waste water management, greening on data collection and analysis”	October-December 2014	12 (3 female, 9 male)	
	Tbilisi	Training-workshop "Inventory of GHGs, development of a Business as Usual (BAU) scenario and mitigation measures in transport, outdoor lighting and building sectors"	27 November, 2014	12 (3 female, 9 male)	
	Tbilisi	Training of the professionals in green building principles, application of LEED and BREEAM rating tools	January-March, 2015	12 (2 female, 10 male)	
	Gori, Tbilisi, Telavi	On-job trainings on inventory and planning in building, greening, public lighting, waste and transport sectors	February 25, 2015	A total of 36 individuals for Quarter 1 , Year 2 15 participants (1 – female, 14 – male)	
	Tbilisi	Training-workshop on piloting and testing muni-EIPMP tool in waste and greening sectors for Khashuri, Akhaltsikhe, Tbilisi, Poti, Ozurgeti, Zugdidi, Mtskheta, Telavi, Batumi, Kutaisi, Tianeti municipalities	February 24, 2015	11 participants (3 – female, 8-male)	
	Tbilisi	Workshop on comparison of the EPBD and IECC building energy performance	February 24, 2015	28 participants (10 – female, 18-male)	
	Tbilisi, Akhaltsikhe, Telavi	On-job training on strategic and technical aspects of MRV and SEAP reports	April-June, 2015	A total of 54 individuals for Quarters 1 and 2 , Year 2 32 participants (25-female, 7-male) A total of 86 participants for Q1-Q3	

Results:

Additional Criteria If other criteria are important, add lines for	Baseline	Y1		Y2/Q1 + Q2+Q3		Y3		End of Project	
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved

<i>setting targets and tracking</i>									
<i>No. of Individuals</i>	<i>0</i>	<i>10</i>	<i>67</i>	<i>40</i>	<i>86</i>	<i>20</i>		<i>70</i>	

Indicator Title: Number of developers, investors/building owners/buyers aware of the green building rating and certification system (OP 19)										
<i>Unit:</i>	<i>Disaggregated by: None</i>									
Number of Businesses	<i>Geographic Location</i>	<i>Event</i>				<i>Date</i>		<i>total</i>		
	<i>Tbilisi</i>	Meetings with leading companies and organizations: Heidelberg Georgia, AmCham, Cushman and Wakefield, Colliers International, Deloitte				December, 15-19, 2014		5		
	<i>Tbilisi</i>	Meetings with leading companies and organizations: Award LLC Association of Developers of Georgia, New Light, Inex Pro, Arci LLC				April-June, 2015		5		
<i>Results:</i>										
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Results Achieved by Q2, 2014</i>	<i>Y1</i>		<i>Y2/Q1/Q3</i>		<i>Y3</i>		<i>End of Project</i>	
		<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
<i>No. of Businesses</i>	0	<i>14</i>	<i>10</i>	<i>14</i>	<i>20</i>	<i>10</i>	<i>0</i>		<i>30</i>	

INDICATOR TITLE: Number of decisions made by LEDS steering committee or involved agencies using analysis based on MARKAL or other appropriate tools (OP22)										
UNIT: Number of decisions	DISAGGREGATE BY: None									
	Geographic Location		Event			Date		total		
Results:										
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Y1		Y2		Y3		End of Project		
		Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved	
No. of decisions		0	0	2		0		2		

INDICATOR TITLE: Number of individuals trained on green building rating systems (OP23)									
UNIT: No. of individuals trained	<i>DISAGGREGATE BY: Gender</i>								
	<i>Geographic Location</i>		<i>Event</i>		<i>Date</i>		<i>Total</i>		
	<i>Tbilisi</i>		<i>Training of professionals in green building principles, application of LEED and BREEAM rating tools</i>		<i>September 30-October 1, 2014</i>		<i>12 participants (2- females, 10-males)</i>		
	<i>Tbilisi</i>		<i>Workshop on comparison of the EPBD and IECC building energy performance</i>		<i>February 24, 2015</i>		<i>28 participants (10 – female, 18-male)</i> Total 40 individuals for Quarters 1 and 2 in Year 2 (12-female, 28 –males)		
Results:									
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	Y1		Y2/Q1+Q2		Y3		End of Project	
		<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>	<i>Target</i>	<i>Achieved</i>
No. of individuals trained	<i>0</i>	<i>0</i>	<i>0</i>	<i>10</i>	<i>40</i>	<i>0</i>		<i>10</i>	

ANNEX I: SCHEDULE OF PLANNED FUTURE EVENTS

COMPONENT ONE

- New Tbilisi and Akhaltsikhe SEAPs will be elaborated and submitted, along with a MRV plan and project proposal per SEAP.
- WI will conduct training for Municipality representatives on techniques to elaborate project proposals. It will be one-day training with introductory presentations and a number of practical exercises.
- Improvement and finalization of the muni- EIPMP tool.
- The quarterly and annual report will be submitted to highlight the achievements of Year Two.

COMPONENT TWO

A workshop, “Training of Trainers” on the Display® calculation tool is tentatively planned for Quarter four. This European tool is a voluntary scheme set up in 2001 by the municipalities of the Energy Cities Association and designed by energy experts to support implementation of the Directive on Energy Performance of Buildings in municipalities, with the aim to display an energy performance certificate. Trainees with a technical background will study the methods of evaluating the Energy Performance of Buildings with the Display® calculation tool.

Component	Event	Date/Location
Two	Memo on Training of trainers for Display	July 30, 2015
Two	Report on preliminary version of GB rating and certification system for Georgia for operation and maintenance of existing buildings	August 30, 2015

COMPONENT THREE

- WI will hold working meetings between sectoral working groups in cooperation with the climate change office of MOENRP.
- WI submitted a work plan for Component three as part of its Key Personnel Approval Request on May 1, 2014. Winrock is awaiting a response from USAID on the proposed activities. As the schedule of planned future events under Component three depends on USAID’s response, it will be developed at a later time.

PUBLIC OUTREACH

Airing of EC-LEDS EE PSAs will continue on two TV Channels, Imedi and Rustavi2. As part of EC-LEDS grants program, the project scheduled a grant award ceremony in Quarter four. The exact date and location are currently being selected.

ENVIRONMENTAL COMPLIANCE

The EC-LEDS program will continue to review the potential subgrant projects in accordance with USAID environmental compliance procedures and the approved PEA. Respectively, additional periodic site visits will be conducted at relevant project sites. Following site visits, the program will elaborate project-specific environmental documentation, taking into consideration the project's proposed scope and type of activities.

ANNEX II: QUARTER FOUR PLANNED DELIVERABLES

COMPONENT ONE

- New Tbilisi SEAP and Akhaltsikhe SEAP documents will be elaborated and delivered.
- The agenda, presentations, and report for the training on elaboration of project proposals for the representatives of the Municipalities will be elaborated and submitted.
- Final version of muni-EIPMP tool will be submitted.
- Inputs for quarterly and annual reports will be elaborated and submitted.

COMPONENT TWO

- The report on “Training of Trainers on Display” will be delivered to USAID.
- Report on GB of the Year Award selection, including certification, and MRV plan will be prepared and delivered to USAID.

COMPONENT THREE

- BAU Emissions Calculations (Energy BAU and non-energy BAU) will be finalized.
- Mitigation Measures complete.
- Draft Set of Policy Analysis submitted to USAID.

COMMUNICATIONS AND OUTREACH

As part of the EC-LEDS outreach activities, the program will produce media coverage reports for upcoming events where applicable. A series of printed materials to accompany events will be prepared, including brochures on GB, EE, and SEAP awareness.

MONITORING AND EVALUATION

The GIS data collection spreadsheet reflecting all respective data from Year 2, Quarter 3 of EC-LEDS program will be delivered to USAID/Caucasus in Year 2, Quarter 4.

ENVIRONMENTAL COMPLIANCE

Following the approval of the EC-LEDS PEA, EC-LEDS will analyze the proposed sub-grant activities against several factors, including: the character of proposed actions, the type of structural measures, and whether the proposed structural actions, their impacts, and mitigation measures are considered in the PEA defined EMMPs. Depending on the project -specific individual assessments, either “Site-Specific Environmental Compliance” or “Environmental Monitoring and Mitigation Plan (EMMP) and/or Environmental Review Checklists (ERCs)” documents will be produced. Right after the completion of the project related activities, “Record of Compliance with the EMMP” document will be transmitted to USAID.

ANNEX III: MEDIA COVERAGE REPORT (MAY-JUN 2015)

A summary of media coverage for the EC-LEDS Clean Energy Program during the months of May through June is provided below. There were a total of 23 news stories on EC-LEDS events this time period.

ERTSULOVNEBA: GREEN ARCHITECTURE

TV Channel: Ertsulovneba
Date: April 23, 2015
Title: Afternoon Show *Shuadze*

Host: We are back live talking about the most watched TV program on our channel, entitled Green Architecture. Let me introduce our guests: Professor Tinatin Khismshashvili, President of the Georgian Association of Landscape Architects, author and host of the program Green Architecture. Ms. Khismshashvili is also Head of the Public Relations Department of Ertsulovneba and Producer of the program; Ms. Tamar Archuadze, Representative of GBCG; Mr. Giorgi Gurgenidze Green Building Expert; and the Green Building Component Manager from WI Georgia, Nino Lazashvili. Thank you for coming! Our program was announced on our channel and had a positive feedback. My first question is, How has the project succeeded, and what are its achievements?

Tamar Archuadze: Let me greet our viewers! During the airing of the program, we learned that this topic was very interesting and important for Georgians. Some of the program was aired not long ago, and due to the interest it caused, I hope it will continue in the future. We have decided to re-air the program “Green Architecture” beginning Saturday at 11:10. What did our viewers learn from this program? First of all, they saw that that Green Architecture was not only about trees or planting but includes energy efficiency and topics pertinent to our everyday life.

Host: For those who did not watch and don’t know about Green Architecture, I’d like to ask the author and host of the program: what is Green Architecture?

Tinatin Khimshashvili: The program was created with the support of Archbishop and Tamar. We first drafted the idea of what we were going to show. Our society is unaware of this idea, nor do they know what a green building or green house is. However, everybody is interested. Therefore, we created the program, and thanks to WI and GBCG, it took place and the results exceeded our expectations. Every day we received calls from viewers, and it was especially gratifying to see that most were young people of 14-16 years of age. This age segment usually rarely watches TV, and when they do, they absorb information easily. We had phone calls from older people thanking us for the program, which proved interesting for them. Indeed it attracted the attention of all generations. This was unexpected as we thought we had a small specialized audience. By the end of airing the program, viewers asked why it ended. Unfortunately, we still don’t have sponsors for the new series of the program, however we are going to re-air the program at the request of our viewers. People learned about the processes that take place in the world. We gave the news in every program.

Tamar Archuadze: For example, France adopted a law according to which all buildings should have green roofs.

Host: Are there other similar projects on national TV?

Tinatin Khimshashvili: Yes, there are a few. The Ecovision programs, which is the youth environmental series and there is Green Line which takes a more political stance. Our program was about the environment we live in--how to create and take care of the environment we live in. There

was a huge expression of interest by our viewers and we received phone calls asking to participate or join in our activities.

Tamar Archuadze: Let me add--these topics reflect people's everyday life—we gave useful advice, for instance saying that a refrigerator is more efficient when there is space around it. Or that a TV set should be unplugged to save energy. There were many other tips for saving energy.

Host: I would like to ask our guests what their interest is in this program.

Giorgi Gurgenidze: I represent GBCG, a partner of the European analog organization. Our purpose is specific: the introduction of a local rating system, which is currently being done, to stimulate green building and ignite the interest of local developers and builders. Additionally, we aim to raise awareness for green building. Unfortunately, Georgia is behind more developed countries with regard to green building and we are trying to catch up. If we do not start today, we will have a huge gap in this field. Today the whole world is switching to green building, and there is a new phenomenon called 'eco-development' because the developers started rejecting traditional construction and searching for new approaches. They have started paying more attention to ecology and to the impact on the environment.

Tamar Archuadze: Historically we have green buildings.

Giorgi Gurgenidze: According to one of the criteria, green building values reconstruction more than construction of a new building, to avoid harming greenery and the ground surface. Using local green materials and secondary construction materials was practiced previously in Georgia. In old times, dwellings were more environmentally friendly compared to now. Today there is a wide range of construction materials that may even be harmful to human health.

Host: Ms. Nino, how interesting was the involvement in this program for you?

Nino Lazashvili: It was very interesting for WI Georgia to participate in creation of the program. Our project is working on development of green building certification and a rating system. This process is managed by WI Georgia with the support of USAID through the Green Building Council Georgia. As far as we do not have any Georgian system, we use the European analog. As soon as we have Georgian one, we will be able to evaluate buildings under the Georgian system.

Host: When will the Georgian system come into force and what are positive aspects of a green building?

Nino Lazashvili: Regarding the Georgian rating and certification system, this is a long and complicated process; therefore the first draft will be ready only by the end of the year. Regarding green building, as our viewers have already learned, it is an ecologically friendly, energy efficient building that is not harmful for the environment and is economically profitable during the whole life cycle of the building: from design to exploitation.

Host: Thank you very much for coming! I wish you success and I hope I will have a chance to announce a new season of the program Green Building again. Tamar, please repeat when the program will be re-aired.

Tamar Archuadze: The program will be part of an event organized by Tinatin Khimshiashvili and will take place in mid-May. Ms. Tina, please elaborate.

Tinatin Khimshiashvili: Since our listeners have become involved, we began working to let them interact with the green environment. Now we have decided to hold an International Forum called “Green Days in Georgia” on May 8th. With the support of the Georgian Academy of Arts, and foreign guests, we have invited an Italian landscape architect, Mario Bonicelli. The event will take place at ProCredit Bank’s office on Kazbegi Avenue in Tbilisi. We will celebrate “Green Days” for the first time in Georgia, with British, Ukrainian, Russian, and Italian architects.

Host: I wish you good luck and hope we will develop a culture of green building in Georgia!



CENN NETWORK: YOUTH ENERGY EFFICIENCY EVENT

Source: CENN Network

Date: April 27, 2015

Title: Energy Efficiency is a Smart Choice': Youth Energy Efficiency Event Continues in Shida Kartli

Gori school students took part in a Youth Energy Efficiency Event on April 24th, 2015. The USAID-supported EC-LEDS Clean Energy Program empowers youth through training on energy efficiency and renewable energy technologies. The main objective was to involve youth in energy efficiency, contributing to climate change mitigation.

The students were selected from the “Momavlis Taoba” (Future Generation) program in 13 partner schools from 10th to 12th grades in the Gori Municipality. The program is funded by USAID and implemented by PH International and supported by the Ministry of Education and Science of Georgia (MES).

During the event, students learned “How to Save Energy” in a seminar presented by Professor Gia Arabidze, Dean of the Energy and Telecommunications Faculty at GTU. This was followed by a contest entitled “Energy Efficiency is a Smart Choice” to demonstrate the knowledge and skills acquired at the seminar. Mr. Arabidze spoke about the importance of energy efficiency, ways of saving energy, the energy audit, energy efficiency in residential sector, energy efficient technologies, simple tips to save energy at home, energy efficient appliances, renewable energy, energy efficient/renewable energy projects implemented with donor support, as well as energy efficiency and climate change. The winners were awarded medals, and all students received participation certificates.

The event took place in the office of ‘Biliki’, a society founded in 1997 in Gori. Since then, it has implemented programs in child care, integration, professional skills development, and voluntary and training programs. Biliki is implementing the Momavlis Taoba Program in collaboration with USAID’s PH International, to improve school-based civic education to enhance civil society’s role in promoting transparent and accountable governance at the national and local levels.

The EC-LEDS Clean Energy Program is supported by USAID and implemented by WI Georgia. Through this project, USAID supports Georgia’s efforts to increase climate change mitigation through energy efficiency and clean energy activities, and enable more responsible management and development of Georgia’s natural endowments.



ERTSULOVNEBA: GREEN ARCHITECTURE

TV Channel: Ertsulovneba
Date: May 7, 2015
Title: Afternoon Show *Shuadghe*

Host: We are back with interesting news. Our viewers have already learned about the program entitled Green Architecture, and they have a chance to watch it again on our channel. We hope that more people will re-think the topic of green architecture. As regards our topic of conversation, on May 8th and 9th ProCredit Bank will host the First International Forum *Green Days in Georgia* at its head office on Kazbegi Avenue. Let me introduce our guests:

Professor Tinatin Khimshiashvili, President of the Georgian Association of Landscape Architects, is author and host of the program Green Architecture. Thank you for coming! We also have Ms. Tamar Archuadze, Head of the Public Relations Department of Ertsulovneba and soon Producer of the program.

Tinatin Khimshiashvili: Thank you for the invitation! First of all thanks to your channel for supporting the production of this program. This is the first such forum in Georgia, and we have never had this kind of professionals invited to our country. They were unaware of what is happening here with respect to green architecture and it reflects on our city--we have few green spaces. The program has caused public involvement and I have received phone calls asking to continue or repeat the program. It was because of this feedback that I dared to invite the world to let them speak with our Georgian counterparts.

Host: Which countries will be presented at the forum?

Tinatin Khimshiashvili: In Europe, Italy is the leader in Green Architecture. The Georgian State Academy of Art has invited an Italian architect Mario Bonicelli, and I hope that the famous British architect Jonas Brook visits us. Our Ukrainian partners are already here.

Host: You travel a lot and are on juries of contests around the world. How do you compare foreign countries with Georgia with regard to green architecture?

Tinatin Khimshiashvili: Unfortunately, we green architects are few and scattered, while our program for Green Architecture has brought us together. I received lots of messages saying our colleagues will come tomorrow, and many are interested in green architecture. Everybody wants to live in a healthy environment and to have European standard greening. I want to thank Tamar because she created this program with the support of the Archbishop. I am glad that Ertsulovneba became our partner and highlights green architecture.

Tamar Archuadze: Let me greet our viewers! Our program has moved to academia and we provide information support to this event. Our TV station always supports such programs—we expect this forum will be the occasion to share information that is almost not available in our public.

Host: How important is the involvement of the public in greening activities?

Tamar Archuadze: Each of us should take care of the environment. Each of us should try to get more information and stay updated. For example, we have learned from Green Architecture that in a

“green” hospital patients are discharged 3-5 days earlier than from ordinary buildings. Or, for example, there is a lower risk of allergies in ‘green’ kindergartens. I hope that the forum will be highlighted by media and the public will get more information on this topic.

Tina Khimshiashvili: We are an association that knows what people are interested in; in other words, what the social order is and what the public wants to know about specific issues. That is the purpose of associations and forums. I want to take this possibility to thank the Georgian public for its interest in this topic and to mention the importance of the support from the USAID

Host: Thank you for coming! We wish you success! Please remind our viewers when the program is aired.

Tamar Archuadze: The TV Program Green Architecture will re-run on Saturdays at 23:15 and will be repeated during the entire week on TV Channel Ertsulovneba.

Host: Watch the program every Saturday! Goodbye!



ERTSULOVNEBA: GREEN DAYS IN GEORGIA

TV Channel: Ertzulovneba

Date: May 8, 2015

Title: Siaxleni

Green Days in Georgia – an international forum-- was held at the ProCredit Bank Head Office in Tbilisi with participants who discussed the topics of greening, energy efficiency, and urban environment. Participants also discussed world experiences in these fields, and according to the forum organizers the purpose of the event was to develop landscape architecture and raise public awareness. The forum was held by the Georgian State Academy of Arts and the Georgian Association of Landscape Architects (GALA). The event was attended by experts, NGOs, and institutions working in this field.

“We are having the first International Forum *Green Days in Georgia*. We, the Association of Landscape Architects decided to hold this forum and invite landscape architects, energy efficiency experts, green architects from over the world to show that these issues are important for Georgia.” – Tinatin Khimshiashvili, President of GALA.

“ProCredit Bank is hosting the Forum *Green Days in Georgia*. This forum is very important and a step forward for energy efficiency. We want to raise awareness about energy efficiency, and ProCredit Bank will support all such events in the future.” – Nato Bochorishvili, representative of ProCredit Bank



ART.EDU.GE: GREEN DAYS IN GEORGIA

Source: <https://art.edu.ge>

Date: **May 8, 2015**

Title: **International Forum Green Days in Georgia**

Participants from Georgia, Italy, Russia, Ukraine, Poland, and other countries, leading specialists in Landscape, Greening, Energy Efficiency, Architecture and related fields will participate in the Forum.

The aim is to share experiences with interested groups and familiarize them with ongoing processes in Georgia and Worldwide, on new developments in the field. The event will facilitate further relations with foreign colleagues and encourage future plans.

An Italian Landscape Architect Mr. Mario Bonichelli, special guest of the forum invited by the Tbilisi Academy of Arts, will share his experience with the audience and students in the two-day forum. He has implemented 500 projects worldwide, is author of articles and several books and is the founder of Architects Association in Bergamo in 2007, currently known as Bonichelli and Partners.

Among invited guests are:

Landscape Specialist – Elena Markitanova. She is author of several projects, and columnist in one of the popular *St. Petersburg Journal of Landscape*. She is involved in ongoing projects, activities and new initiatives. Along with Ukrainian and Russian invited guests, Elena will act as facilitator of a new topic – Modern Tendencies in the Fields of Landscape and Greening.

Dimitri Stelmakh – Director, LLC Gulfstream, Ukraine

Olena Kravecka- Founder of Garden Light Studio, Ukraine; Representative of Epstein-Design Outdoor lighting Germany, and Promosnastka Ltd/Ukraine

The first day of the forum will be held at the premises of ProCredit Bank. The whole day will be dedicated to presentations by our invited guests and discussions. The second day of the forum will be held on May 9th at the Academy of Arts and lead by Mario Bonichelli, who will deliver a Master Class followed by discussions. On the same day, several events will take place within the city. The forum is open to all interested individuals. Among partners and Supporters of the forum are: Triumph-Landscape, Tsavkisi Sakhli; USAID Georgia, GBCG, WIGeorgia, Graphic Design; and TV Channel Ertzulovneba.

AMBEBI.GE: GREEN DAYS IN GEORGIA

Source: <https://ambebi.ge>

Date: May 11, 2015

Title: ProCredit Bank Hosts an International Forum

On May 8th ProCredit Bank hosted the International Forum *Green Days in Georgia* at its Head Office, organized by the GALA. GALA was founded in 2001 to develop and popularize landscape architecture and design. The aim of the forum was to raise public awareness on landscape architecture, design, energy efficiency, and greening. The forum hosted guests from Russia, Italy, and Ukraine who shared their experience with Georgian colleagues. Among these were Elena Markitantova from Russia, Maksim Tsarev from Ukraine and Mario Bonicelli from Italy. A representative from the Eco Unit at ProCredit Bank spoke about the ongoing ecomanagement within the bank. It is important for Georgia to hold such events and learn from foreign experience. Accordingly, ProCredit Bank will continue collaboration with such organizations.



IPN.GE: GREEN DAYS IN GEORGIA

Source:

<https://ipn.ge>

Date:

May 11, 2015

Title:

ProCredit Bank Hosted an International Forum

On Friday, May 8th, ProCredit Bank hosted an International Forum *Green Days in Georgia* at its Head Office organized by the GALA, which was founded in 2001 with the purpose of developing and landscape architecture and design.

The aim of the forum was to raise public awareness for landscape architecture, design, energy efficiency, and greening. The forum hosted guests from Russia, Italy, and Ukraine who shared their experience with Georgian colleagues. Among these were Elena Markitantova from Russia, Maksim Tsarev from Ukraine and Mario Bonicelli from Italy. A representative from the Eco Unit at ProCredit Bank spoke about the ongoing ecomanagement within the bank. It is important for Georgia to hold such events and learn from foreign experience. ProCredit Bank will continue collaboration with such organizations.

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საზოგადოება

"პროკრედიტ ბანკმა" საერთაშორისო ფორუმს უმასპინძლა 13:35 11-05-2015

"პროკრედიტ ბანკის" სათავე ოფისში საერთაშორისო ფორუმს "მწვანე დღეები საქართველოში" უმასპინძლა. "პროკრედიტ ბანკის" ინფორმაციით, ლონისშიების ორგანიზატორი საქართველოს ლანდშაფტის არასამთავრობო ორგანიზაცია GALA-ს პროექტის "პროკრედიტ ბანკმა" საერთაშორისო ფორუმს უმასპინძლა 2011 წელს დაიწყო და ეკუთვნის ლანდშაფტის დიზაინის სფეროს პოპულარიზაციასა და განვითარებას უწყობს ხელს.

ფორუმის მიზანი იყო ქართული საზოგადოებისთვის ლანდშაფტის, გაშენების, ენერჯეფექტურობისა და ეკოლოგიის შესახებ ცნობიერების ამაღლება.

115_02/0-1MAISI-2015/procredit.jpg | [საქართველოში](#) მოწვევულები იყვნენ არა მხოლოდ ქართველი, არამედ

ინტერვიუ

დეპუტატ გიორგი ილიაძე - მთავრობა და ეროვნული ბანკი ერთად არიან დანაშაუდ ეკონომიკაში შექმნილ ვითარებაში

ველს სტატია

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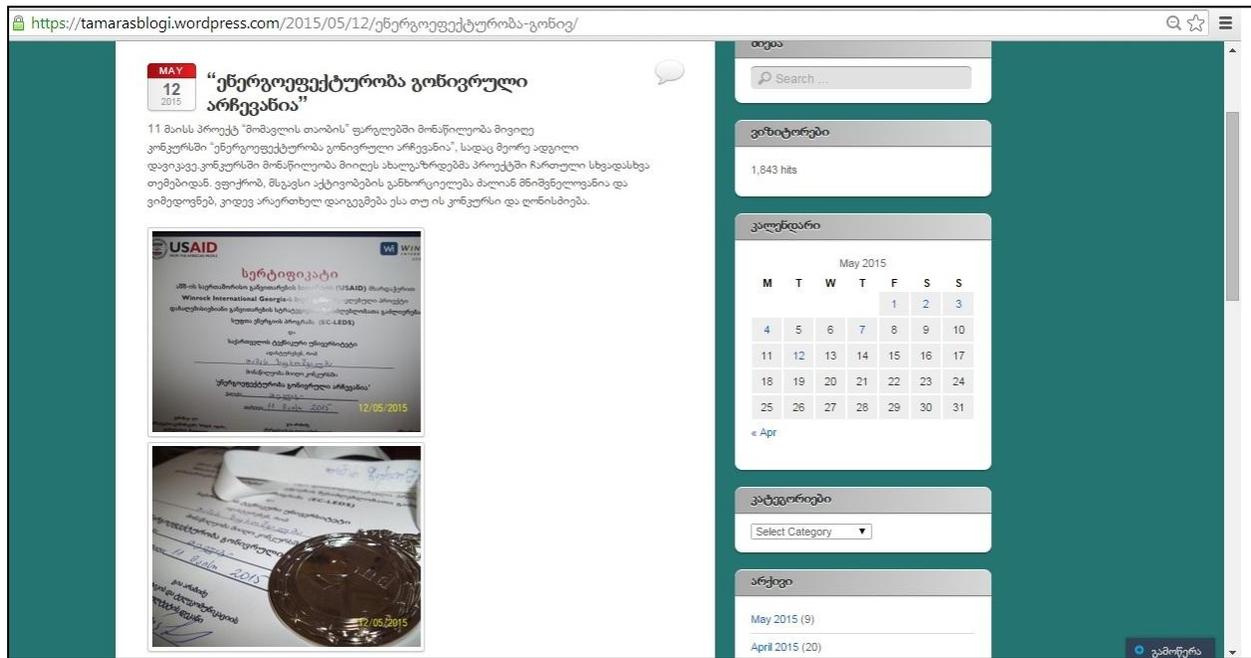
TAMARASBLOGI.WORDPRESS.COM: ENERGY EFFICIENCY IS A SMART CHOICE

Source: <https://tamarasblogi.wordpress.com>

Date: May 12, 2015

Title: Energy Efficiency is a Smart Choice

On May 11th, I participated in the contest “Energy Efficiency is a Smart Choice”, held under the Momavlis Taoba (Future Generation) project and I won second place. Young people from different communities took part in the contest and I think such activities are important, and hope that similar contests or events take place in the future.



CENN NETWORK: ENERGY EFFICIENCY IS A SMART CHOICE

Source: CENN Network

Date: May 13, 2015

Title: Energy Efficiency is a Smart Choice: Youth Energy Efficiency Event Continues in Kakheti

EC-LEDS continues its Youth Energy Efficiency Events in the outlying regions of Georgia. On May 11th students from Telavi Municipality schools took part in the Youth Energy Efficiency Event at the Telavi Civic Engagement Center. The USAID-supported EC-LEDS Clean Energy Program empowers youth through training in energy efficiency and renewable energy technologies. The main objective was to involve youth in energy efficiency, thus contributing to climate change mitigation.

The students were selected from “Momavlis Taoba” (Future Generation) program partner schools from 9th to 11th grades of Telavi Municipality in collaboration with the Telavi Center of Education, Development and Employment. The mission of the center is to improve the social and economic conditions for youth, increase of their involvement in community activities and improvement of social and economic conditions in Kakheti region. The “Momavlis Taoba” (MT) program, funded by USAID, is being implemented in Georgia by PH International and is supported by the Ministry of Education and Science of Georgia (MES).

Students heard the presentation “How to Save Energy” given by the Dean of the Energy and Telecommunications Faculty at GTU, Professor Gia Arabidze. Professor Arabidze told them about the importance of energy efficiency, how to save energy, what an energy audit is, energy efficiency in the residential sector, energy efficient technologies, simple tips to save energy at home, energy efficient appliances, renewable energy, energy efficient/renewable energy projects implemented under donor support, as well as energy efficiency and climate change. The seminar was followed by a contest entitled “Energy Efficiency is a Smart Choice” to demonstrate the EE skills acquired at the seminar. Winners were awarded medals, and all students were given participation certificates.

The EC-LEDS Clean Energy Program is supported by USAID and implemented by WI Georgia. Through this project, USAID supports Georgia’s efforts to increase climate change mitigation through energy efficiency and clean energy activities, and enable more responsible management and development of Georgia’s natural resources.

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'ენერგოეფექტურობა გონივრული არჩევანია'
ახალგაზრდული ღონისძიება გრძელდება კახეთში

'ENERGY EFFICIENCY IS A SMART CHOICE'
YOUTH ENERGY EFFICIENCY EVENT CONTINUES IN KAKHETI

2015 წლის 11 მაისს ქალაქ თელავის მუნიციპალიტეტის სკოლების მოსწავლეებმა მონაწილეობა მიიღეს ახალგაზრდულ ღონისძიებაში „ენერგოეფექტურობა გონივრული არჩევანია“ ქ. თელავის დემოკრატიული ჩართულობის ცენტრში. აშშ-ის საერთაშორისო განვითარების სააგენტოს/USAID მიერ მხარდაჭერილი დამალემისიგინიანი სტრატეგიის განვითარების შესაძლებლობათა გამოღერება (EC-LEDS) სუფთა ენერჯის პროგრამა“ ხელს უწყობს ახალგაზრდობას საინფორმაციო სესიების გზით უკეთ გაეცნოს ენერგოეფექტურ და განახლებადი ენერჯების ტექნოლოგიებს. ღონისძიების მიზანია ახალგაზრდობის ჩართვა ენერგოეფექტურ ღონისძიებებში, რაც წვლილს შეიტანს კლიმატური ცვლილების შერბილების პროცესში.

EC-LEDS continues Youth Energy Efficiency Events in the regions of Georgia. On May 11th, 2015 students from Telavi Municipality schools took part in the Youth Energy Efficiency Event at Telavi Civic Engagement Center. The USAID-supported Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) Clean Energy Program empowers youth through training on energy efficiency and renewable energy technologies. The main objective is to involve youth in energy efficiency, contributing to climate change mitigation.

ღონისძიებაში მონაწილეობა მიიღეს თელავის მუნიციპალიტეტის სკოლების IX-XI კლასების მოსწავლეებმა. მათი შერჩევა მოხდა პროგრამის „მომავლის თაობა“ პარტნიორი სკოლებიდან. ღონისძიება ჩატარდა თელავის განათლების, განვითარების და დასაქმების ცენტრთან თანამშრომლობით, რომლის მიზანია ახალგაზრდების სოციალურ-ეკონომიკური მდგომარეობის გაუმჯობესება, სათემო ჩართულობის ამაღლება და მათი საზოგადოების სრულფასოვან წევრებად ჩამოყალიბება, კახეთის რეგიონში სოციალურ-ეკონომიკური მდგომარეობის გაუმჯობესება. აშშ-ის საერთაშორისო განვითარების სააგენტოს/USAID მიერ დაფინანსებულ პროგრამას „მომავლის თაობა“ განახორციელებს PH International საქართველოს განათლების და მეცნიერების სამინისტროს მხარდაჭერით.

The students were selected from "Momavlis Taoba" (Future Generation) program partner schools from 9th to 11th grades of Telavi Municipality in collaboration with the Telavi Center of Education, Development and Employment. The mission of the center is to improve the social and economic conditions for youth, increase of their involvement in community activities and improvement of social and economic conditions in Kakheti region. The "Momavlis Taoba" (MT) program, funded by United States Agency for International Development (USAID), is being implemented in Georgia by PH International and is supported by the Ministry of Education and Science of Georgia (MES).

ღონისძიების მსვლელობისას, მოსწავლეებმა მოისმინეს სემინარი „როგორ დავზოგოთ ენერჯი“, რის შემდეგაც, მიღებული უნარების უკეთ გამოვლენის მიზნით, ჩატარდა კონკურსი „ენერგოეფექტურობა გონივრული არჩევანია“. სემინარს წარუძღვა საქართველოს ტექნიკური უნივერსიტეტის ენერჯეტიკისა და ტელეკომუნიკაციის ფაკულტეტის დეკანი, პროფესორი გია არაბიძე. პროფესორმა არაბიძემ ისაუბრა

During the event, students were given a presentation "How to Save Energy" by Dean of Energy and Telecommunications Faculty at Georgian Technical University, Professor Gia Arabidze. Professor Arabidze spoke about the importance of energy efficiency, ways of saving energy, energy audit, energy efficiency in residential sector, energy efficient technologies, simple tips to save energy at home, energy efficient appliances, renewable energies, energy efficient/renewable energy projects implemented under donor support, energy efficiency and climate change.

The seminar was followed by a contest "Energy Efficiency is A Smart Choice" to demonstrate the EE skills acquired at the seminar. The winners were awarded medals, and all students were given participation certificates.

The EC-LEDS Clean Energy Program is supported by USAID and implemented by Winrock International Georgia. Through this project, USAID supports Georgia's

RIONI: THIRD ANNUAL INTERNATIONAL CONFERENCE, SUSTAINABLE ENERGY: CHALLENGES AND DEVELOPMENT PROSPECTS

TV Channel: Rioni
Date: June 18, 2015
Program: News of the Day

The Akaki Tsereteli State University (ATSU) in Kutaisi hosted the Third Annual International Conference, “Sustainable Energy: Challenges and Development Prospects” on June 18th. Along with students and professors, the conference was attended by Tbilisi citizens.



“This event promotes sustainable energy issues. The EU Commission has announced a series of energy days, and today’s event is an integral part of that series. Our scholars and professors discuss technical issues that will contribute to sustainable energy development in Georgia. Sustainable energy encompasses renewable energy and energy efficient technologies, which do not hinder citizens’ comfort, but rather minimize damages to the environment”, said Giorgi Abulashvili, EEC Director.



“Today, not enough attention is paid to energy efficiency issues in Georgia, and production-related costs are higher than in Europe. Energy saving and energy efficiency play an important role in the production cycle, and according to the EU initiative, energy savings must increase two-fold around the world within 15-30 years. Georgia must join this worldwide process,” said Merab Imeradze, Deputy Rector of ATSU.



“International conferences on energy are rare in Georgia; Kutaisi is an exception. The Editorial committee of this conference unites well-known scholars from Ukraine, USA, and Austria; and our doctoral students have a very good opportunity to present pertinent topics during the conference. Step by step they will be prepared for their final goal, to obtain a Doctoral degree,” said Gia Arabidze, Dean of the Energy and Telecommunications Faculty, Georgian State University.

RIONI: SUSTAINABLE ENERGY DAY, KUTAISI

TV Channel: Rioni
Date: June 18, 2015
Program: News of the Day

A presentation of the proposed Energy Efficiency and Renewable Energy grant project took place at the Kutaisi Torpedo Sports Base during Sustainable Energy Day in Kutaisi. Specialists conducted an audit of the sports center, with the objective of installing solar outdoor lighting and solar water heating systems in the future.



“We have proposed to install a solar outdoor lighting system and solar water heating system, which will significantly reduce our electricity expenses. It will also help the Kutaisi Municipality fulfill its commitments under the COM to reduce CO₂ emissions by 20%. Today, specialists from our Center began the energy audit of the buildings, and thus certain parameters for our future activities will be clarified,” said Giorgi Abulashvili, Director of EEC Georgia.



“Kutaisi has made the commitment to reduce CO₂ emissions by 20% before 2020. Several activities were planned and one is coming to an end, equipping the Torpedo administrative building with an energy efficient water heating system. Other projects have been submitted to the EU Commission that consider the larger scale projects, including the installation of an ecological lighting system in the city, creating green areas within the urban territory, and other projects to reduce emissions in the city” - Kote Kavtaradze, Kutaisi Vice Mayor.

“This project will introduce energy efficient technologies, energy savings, and improved living conditions. Water heating systems utilizing solar energy will be installed on site and the roof will be insulated to avoid building heat loss. USAID and BP are both partners in this project.”- Giorgi Giorgobiani, EC-LEDS Acting DCOP, WI.

“First of all, I want to thank the EEC for selecting our Base to implement this project. This is very important for us, considering the situation that Kutaisi Torpedo Sports now faces. Benefits from this project will mean we can significantly reduce expenses on gas and electricity, and if the project is completed we will access energy from renewable resources that will help the administration to improve conditions, which will also improve sport results. I would like to again thank all parties involved in this project!”- Ramaz Chkhikvadze, Torpedo Sports Base Manager.

A friendly match was held between Torpedo Sports Club members and young players. An EEC staff member shared information about the project to participants of the game and awarded certificates.

MEGA TV: SUSTAINABLE ENERGY DAY, KUTAISI

Source: Mega TV
Date: June 18, 2015
Program: Headlines

The introduction of renewable and energy efficient technologies took place at the Kutaisi Torpedo Sports Base on June 18, 2015. Plans include the installation of solar water heating systems, photovoltaic convertors, and thermal insulation of the center’s roof. The project is supported by EEC and USAID.

“The City of Kutaisi is committed to reducing CO₂ emissions over the next two years. A pilot project has been proposed to install an energy efficient heating system in the Torpedo administrative building and on the base itself. Besides this project, we are cooperating closely with the EU to implement an efficient outdoor lighting system for the city, and to green urban areas. With these and several other projects, we hope environmental conditions in Kutaisi will be improved.”- Kote Kavtaradze, Kutaisi Vice Mayor

“The main goal of the project is to introduce energy efficient technologies on the Torpedo Sports training base and thus save energy and improve living and training conditions for youth and professional players. We have allocated USD 50,000 for this project after it was selected by the EEC and the Municipality. This project will demonstrate the effectiveness of these technologies in Georgia in order to better promote them.”- Giorgi Giorgobiani, EC-LEDS Acting Deputy COP, WI.



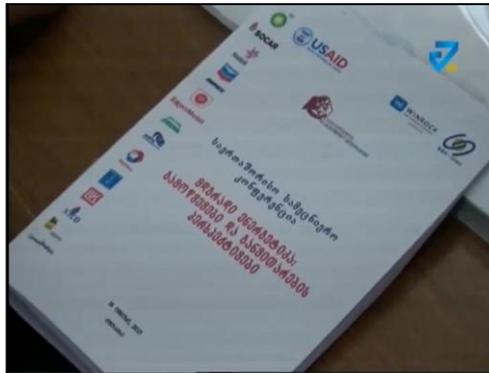
MEGA TV: SUSTAINABLE ENERGY: CHALLENGES AND DEVELOPMENT PROSPECTS CONFERENCE

Source: MegaTV
Date: June 19, 2015
Program: Headlines

A scientific conference entitled “Sustainable Energy: Challenges and Development Prospects” opened at ATSU in Kutaisi, with the participation of university professors, students, and representatives of the private and business sectors. The subject of the conference included challenges in the fields of energy efficiency and renewable energy, and their applications in Georgia. Discussions were carried out within six thematic working groups, within the framework of the Sustainable Energy Week. The conference was supported by the EEC Georgia.

“According to the EU Commission, the month of June is ‘Energy Days’, and all countries and cities that have joined the COM, or are willing to be associated with the EU Commission and EU itself, implement a series of activities in order to popularize modern technologies that have no to little impact on the environment. Georgia, and particularly Kutaisi, is a part of this process, and today Kutaisi hosts Energy Day.”- Giorgi Abulashvili, EEC Director.

“Members of the academic world and the business sectors have been actively involved in this conference, and particularly our university, which is represented here by professors and students. This conference, dedicated to sustainable energy development opportunities and prospects in Georgia, is a very interesting possibility to get up-to-date information for our era and the challenges we face.”- Giorgi Ghvatsadze, Rector of ATSU, Kutaisi.



NEWS PRESS: SUSTAINABLE ENERGY DAY, KUTAISI

Source: [News Press](#)
Date: **June 19, 2015**
Title: **Energy Efficient Heating System Will Be Installed at Torpedo Sport Base**

The Energy Efficiency and Renewable Energy project was presented during the Sustainable Energy Day in Kutaisi, where the Torpedo Sports Base hosted an amateur game between Torpedo club players and local youth. The installation of eco-efficient systems at the Sports Base began today.

“A number of clean energy technologies will be installed on the Torpedo Sports Base, which will mean they can reduce their energy expenses. Today we are announcing the beginning of this proposed project, financed by the USAID EC-LEDs Clean Energy Program”, said Giorgi Abulashvili, Director of EEC and Local Representative of the EU COM, of which Kutaisi is a COM member city.

“The COM is a large-scale EU initiative uniting local and regional governments that voluntarily make a commitment to increase energy efficient and renewable energy resources within their jurisdiction. Signatories to the Covenant have a goal to reduce GHG emissions by 20% by the year 2020, thus contributing to sustainable, green economic development and the improvement of living conditions. One of the proposed projects is to install an energy efficient heating system at the Kutaisi Torpedo Sports Base. In addition to this, we actively cooperate with the EU in Brussels on other projects, such as an ecological public lighting system and the creation of green areas within the city.”- Kutaisi Vice Mayor, Kote Kavtaradze. The project should be completed within three weeks at the Sports Base, and it should be fully operational next year.

IMEDI: SUSTAINABLE ENERGY DAY 2015

TV Channel: Imedi
Date: June 22, 2015
Program: Kronika

Tbilisi City Hall organized the 2015 Sustainable Energy Days as part of EU Energy week and within the framework of the COM EU Programme. The event launch discussed Tbilisi's SEAP and other related projects. The goal of the project is to inform and educate the public about the rational, efficient, and smart use of energy.

“This initiative is very important; ensuring energy efficient technologies that result in the reduction of CO₂ emissions will create a better living environment. I think that Tbilisi will become a role model for others.”- Irakli Lekvinidze, Vice Mayor, Tbilisi.

“The Action Plan includes conducting a complete inventory of emissions and hazardous gases as well as the identification of measures to mitigate climate change.”- Inga Pkhaladze, EC-LEDS Acting COP.



TBILISI.GOV/NEWS: SUSTAINABLE ENERGY DAYS 2015

Source: <http://new.tbilisi.gov.ge/news/2705>

Date: **June 22, 2015**

Title: **Conference “Sustainable Energy Days 2015” opens in Tbilisi**

The Rooms Hotel in Tbilisi hosted the Sustainable Energy Days 2015 Conference, organized by the Tbilisi City Hall. The event was opened by Vice Tbilisi Mayor Irakli Lekvinidze. He noted that the EU initiative was very important, “to ensure the development of energy efficient technologies that will result in the reduction of CO₂ emissions. This will eventually create a better living environment. I think, with this regard, Tbilisi will become a role model for other cities.”- Irakli Lekvinidze, Tbilisi Vice Mayor.

The conference was attended by members of academia, energy, environment protection agencies, NGOs, the private sector, and local self-governance associations. Participants discussed the SEAP prepared under the EU COM’s framework, the nationwide expansion of the Covenant’s activities, and sustainable energy projects now in progress.

Since signing the COM, Tbilisi City Hall will continue to conduct an annual Sustainable Energy Week. The conference is a source of public information on the advantages and opportunities of rational energy use.

NEWS.GE: SUSTAINABLE ENERGY DAYS 2015

Source: news.ge
Date: **June 22, 2015**
Title: **“Sustainable Energy Days 2015” – The Conference opened in Tbilisi**

Rooms Hotel Tbilisi hosted a conference, Sustainable Energy Day 2015, organized by Tbilisi City Hall. The event was opened by Vice Tbilisi Mayor Mr. Irakli Lekvinidze. According to the Vice Mayor, this Conference is conducted within the EU-initiated Sustainable Energy Week. He noted that the EU initiative was very important, “to ensure the development of energy efficient technologies that will result in the reduction of CO₂ emissions. This will eventually create a better living environment. I think, with this regard, Tbilisi will become a role model for other cities.”- Irakli Lekvinidze, Tbilisi Vice Mayor.

The conference was attended by members of academia, energy and environment protection agencies, NGOs, the private sector and local self-governance associations. Participants discussed the Sustainable Energy Action Plan (SEAP) prepared under the EU Covenant of Mayors framework, the nationwide expansion of the Covenant’s activities, and sustainable energy projects now in progress. Since signing the CoM, Tbilisi City Hall will continue to conduct an annual Sustainable Energy Week. The conference is a source of public information on the advantages and opportunities of rational energy use.

IPRESS.GE: SUSTAINABLE ENERGY DAYS 2015

Source:

ipress.ge

Date:

June 22, 2015

Title:

“Sustainable Energy Days- 2015” – Conference is opened in Tbilisi

The Rooms Hotel in Tbilisi hosted the Sustainable Energy Days 2015 Conference, organized by the Tbilisi City Hall. Vice Mayor of Tbilisi, Irakli Lekvinidze, opened the event. He noted that the EU initiative was very important, “to ensure the development of energy efficient technologies that will result in the reduction of CO₂ emissions. This will eventually create a better living environment. I think, with this regard, Tbilisi will become a role model for other cities.”- Irakli Lekvinidze, Tbilisi Vice Mayor.

The conference was attended by members of academia, energy, environment protection agencies, NGOs, the private sector, and local self-governance associations. Participants discussed the SEAP prepared under the EU COM’s framework, the nationwide expansion of the Covenant’s activities, and sustainable energy projects now in progress.

Since signing the COM, Tbilisi City Hall will continue to conduct an annual Sustainable Energy Week. The conference is a source of public information on the advantages and opportunities of rational energy use.

CENN.ORG: STUDENT'S ARCHITECTURAL COMPETITION AND AWARD CEREMONY

Source: CENN.org
Date: June 30, 2015
Title: Students Architectural Exhibition and Awards Ceremony

On June 30, 2015, EEC Georgia organized and hosted an exhibition and award ceremony for a student architectural design competition at Tbilisi City Hall. This was the fourth year of the annual contest, whose goal was to identify architectural designs that best consider principles of sustainable development and green architecture.

The contest was supported by Tbilisi City Hall, the Union of Architects of Georgia, (EC-LEDS) Clean Energy Program, The Architecture, Urban Planning and Design Faculty of Georgian Technical University, the Tbilisi State Academy of Arts, and Ilya State University.

Every year since 2010, EEC has organized Georgian Sustainable Energy Week. An exhibition was organized within the framework of Sustainable Energy Week-2015. The event aims to promote clean energy technologies by organizing conferences, exhibitions, sports contests, cultural activities, and recreational activities. The competition and the award ceremony were held within the framework of a BP-Georgia-supported program “Renewable Energy and New Energy Efficiency Project”.

ESINFO.GE: SUSTAINABLE ENERGY WEEK, TBILISI CITY HALL EXHIBITION

Source: esinfo.ge
Date: June 30, 2015
Title: Today a Technological Exhibition will open at Tbilisi City Hall

Tbilisi City Hall will host an exhibition organized within “Sustainable Energy Week”. The Opening ceremony will be attended by the Vice Mayor of Tbilisi, Irakli Lekvinadze and the exhibition will open at 11:00, June 30th. Energy efficient technologies produced by Georgian manufacturers and suppliers will be presented at the Technological Exhibition, open to the public.

Also today, on the first floor of Tbilisi City Hall, the award ceremony for Student Architectural Projects winners will take place. This contest selects the best architectural designs by students that reflect sustainable development and the principles of “Green Architecture”. The contest was supported by the Tbilisi City Hall, the Georgian Union of Architects, USAID through Winrock’s EC-LEDS Clean Energy Program, the Architecture, Urban and Design faculty of Georgian Technical University, the Tbilisi Academy of Arts, and Ilia State University.

“Sustainable Energy Week” in Georgia has taken place since 2009. This year the contest and ceremony were sponsored by BP-Georgia and its partners who operate gas and oil businesses, to promote the Renewable Energy and Energy Efficiency framework.

GDEPRESS.GE: SUSTAINABLE ENERGY WEEK, TBILISI CITY HALL EXHIBITION

Source: gdepress.ge
Date: June 30, 2015
Title: Technological Exhibition will be opened in Tbilisi City Hall

Today on the second floor of the Tbilisi City Hall, a Technological Exhibition will open, within the European Sustainable Energy Week framework. The opening ceremony will be headed by the Vice Mayor of Tbilisi, Mr. Irakli Lekvinadze. Energy Efficient technologies produced by Georgian manufacturers and suppliers will be shown at this public exhibition.

On the first floor, at 17:00, the Student Architectural Projects winners' award ceremony will take place. According to information from Ministry of Economy and Sustainable Development, the aim of the contest was to select the architectural projects that best reflect the principles of sustainable development and 'green' architecture.

"Sustainable Energy Week" in Georgia has taken place since 2009 and within this format different information and cultural-sports activities take place to promote clean energy transport and technologies. This year the contest and events were held within the new Renewable Energy and Energy Efficiency Project framework.

IPN.GE: SUSTAINABLE ENERGY WEEK, TBILISI CITY HALL EXHIBITION

Source: ipn.ge
Date: June 29, 2015
Title: Technological Exhibition will open under Sustainable Energy Days

Tomorrow, on the second floor of the Tbilisi City Hall, a Technological Exhibition will open within the European Sustainable Energy Week framework. The opening ceremony will be headed by the Vice Mayor of Tbilisi, Mr. Irakli Lekvinadze. Energy Efficient technologies produced by Georgian manufacturers and suppliers will be shown at this public exhibition.

On the same day, on the first floor at 17:00, the Student Architectural projects winners' award ceremony will take place, attended by Vice Mayor Irakli Lekvinadze. According to information from the Ministry of Economy and Sustainable Development, the aim of the contest was to select the architectural projects that best reflect the principles of sustainable development and 'Green' architecture.

The contest was supported by the Tbilisi City Hall, the Georgian Union of Architects, the USAID through WI's EC-LEDS Clean Energy Program, the Architecture, Urban and Design faculty of Georgian Technical University, the Tbilisi Academy of Arts, and Ilia State University.

"Sustainable Energy Week" in Georgia has taken place since 2009. This year the contest and ceremony were sponsored by BP-Georgia and its partners who operate gas and oil businesses, to promote the Renewable Energy and Energy Efficiency framework.

IPN.GE: SUSTAINABLE ENERGY WEEK

Source: ipn.ge
Date: June 30, 2015
Title: Sustainable Energy Day in Tbilisi

Beginning on June 30, Tbilisi will host Sustainable Energy Week, with the following activities planned for the week:

- On June 30, at 11:00, on the second floor of Tbilisi City Hall, a Technological Exhibition will open, until 17:00. Address: 7 Zh. Shartava Street. The Exhibition will be opened by Tbilisi City Vice Mayor Irakli Lekvinadze and supported by the EEC- Georgia with support from Tbilisi City Hall. Energy Efficient technologies produced by Georgian manufacturers and suppliers will be on show at to the public.
- Also on June 30, at 17:00, a Student Architectural Project winners' award ceremony will take place, attended by Vice Mayor Irakli Lekvinadze. The aim of the contest was to create the best architectural projects that maximize the principles of sustainable development and Green Architecture principles.
- The contest was supported by the Tbilisi City Hall, the Georgian Union of Architects, the USAID through WI's EC-LEDS Clean Energy Program, the Architecture, Urban and Design faculty of Georgian Technical University, the Tbilisi Academy of Arts, and Ilia State University.
- "Sustainable Energy Week" in Georgia has taken place since 2009. This year the contest and ceremony were sponsored by BP-Georgia and its partners who operate gas and oil businesses, to promote the Renewable Energy and Energy Efficiency framework.



Photo 18. Participants of Students' Architectural Contest Best Coursework 2015 at Tbilisi City Hall



Photo 19. (from left) Giorgi Gonglishvili (BP – Georgia), Professor Levan Beridze (GTU), Professor Gocha Mikiashvili (GTU), Irina Sulava (WI) and Tamar Benashvili, Student of GTU, Winner of EC-LEDS Special Nomination Best Green Design 2015 at Tbilisi City Hall



Photo 20. (from left) Vice Mayor Irakli Lekvinadze, Giorgi Gongliashvili (BP-Georgia), Professor Levan Beridze (GTU), Professor Gocha Mikiashvili (GTU) and Giorgi Abulashvili (EEC) awarding students at Tbilisi City Hall