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

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QUARTERLY PROGRESS REPORT

APRIL 1, 2014 – JUNE 30, 2014



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

QUARTERLY PROGRESS REPORT

QUARTER 3, YEAR 1

APRIL 1, 2014 – JUNE 30, 2014

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Acronyms

BAU	Business as usual
BEO	Bureau Environmental Officer
BREEAM	Building Research Establishment Environmental Assessment Method
CA	Condominium Associations
CE	Categorical exclusion
COM	Covenant of Mayors
DCA	Development Credit Authority
DWG	Decision Ware Group
EA	Environmental assessment
EC	European Commissions
EC-LEDS	Enhancing Capacity for Low Emission Development Strategies
EE	Energy efficiency
EEC	Energy Efficiency Center
EIPMP	Emission Inventory, Projection, and Mitigation Planning
EMMP	Environmental Monitoring and Mitigation Plan
EPI	Economic Prosperity Initiative
ERN	European Regional Network
EWG	Expert Working Group
FFC	Fast Forward Communications
GB	Green building
GBCWG	Green Building Certification Working Group
GBCG	Green Building Council Georgia
GDP	Gross Domestic Product
GeMunee	Georgian Municipal Energy Efficiency
GHG	Greenhouse gases
GOG	Government of Georgia
HPEP	Hydropower Policy and Energy Planning
ICMA	International Capital Market Association
IEE	Initial Environmental Examination
INRMW	Integrated Natural Resource Management in Watersheds of Georgia
LED	Low emission development
LEDS	Low Emission Development Strategy(ies)
MDF	Municipal Development Fund
MOE	Ministry of Environment
MOEnergy	Ministry of Energy
MOE-AD	Ministry of Energy Analytical Department
MRV	Monitoring, Reporting and Verification
MUNI-EIPMP	Municipal Inventory, Projection and Mitigation Planning
NAMA	Nationally Appropriate Mitigation Actions
NATELI	New Applied Technology Efficiency and Lighting Initiative
NDC	Nationally Determined Contribution
NEO	New Economic Opportunities
NGO(s)	Non-Governmental Organization(s)
PEA	Programmatic Environmental Assessment
PMP	Performance Monitoring Plan
PPP	Public private partnerships
PWD	People with Disabilities

RE	Renewable energy
RFA	Request for Applications
RFP	Request for Proposals
RS	Rating systems
RSERC	Regional Sustainable Energy Resource Centers
SC	Steering Committee
SDAP-Center	Sustainable Development and Policy Center
SEAP	Sustainable Energy Action Plan
SEO	Sustainable Energy Office
SS	Scoping statement
SUDeP	Sustainable Urban Demonstration Projects
SWG	Sub working group
TOR	Terms of Reference
UN	United Nations
USAID	United States Agency for International Development
USG	United States Government

I. EC-LEDS CLEAN ENERGY PROGRAM EXECUTIVE SUMMARY

The United States Agency for International Development (USAID) Georgia's Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) Clean Energy Program is a four-year (October 2013 – September 2017) effort focusing on three activities: 1) Georgian Municipal Energy Efficiency (GeMunee); 2) Green Building (GB) Rating and Certification System; and 3) National EC-LEDS Working Group and Advisory Assistance. Winrock International has been granted a cooperative agreement to implement the EC-LEDS Clean Energy Program for Georgia to support increased 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 represents the third quarter of the EC-LEDS Clean Energy Program covering the period of April 1, 2014, through June 30, 2014.

Key Achievements (Qualitative Impact)

The EC-LEDS Clean Energy Program, funded by USAID/Caucasus, supports Georgia's efforts to increase climate change mitigation through energy efficiency and clean energy. The broader goal is to enable more responsible management and development of Georgia's natural endowments. The objectives of the program are to support Georgian municipalities in institutionalizing and implementing climate change mitigation measures, promoting and facilitating private sector investment in energy efficiency and green buildings, and building the capacity of the GOG to develop and implement a national Low Emission Development Strategy in support of the United States Government (USG) EC-LEDS initiative.

During the four 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).

Component 1: Georgian Municipal Energy Efficiency (GeMunee)

During Quarter 3, EC-LEDS focused on the development of SEAPs for the top priority municipalities of Batumi, Kutaisi and Zugdidi, developing and testing the Municipal Inventory, Projection and Mitigation Planning (MUNI-EIPMP) analytical tool to be used for developing Sustainable Energy Action Plans (SEAPS), and developing an approach to Monitoring, Reporting and Verification (MRV) for approval by the European Union's Covenant of Mayors (COM).

Building on the work from Quarter 2, testing and improving of the MUNI-EIPMP tool continued during Quarter 3. EC-LEDS also harmonized data and results from the MUNI-EIPMP tool with the national MARKAL-Georgia model. Training on development and management of data for use with the tool has been postponed until the end of Quarter 4. MUNI-EIPMP was used in developing and updating SEAPS with a draft Kutaisi SEAP, submitted to the municipality in June, and a draft Zugidid SEAP and amended Batumi SEAP to be submitted to the COM in mid and late August, respectively. As soon as there is a COM-approved MRV protocol, EC-LEDS will assist Tbilisi in monitoring and verifying their SEAP implementation to date.

Identifying potential locations for Sustainable Energy Offices (SEOs) or Regional Sustainable Energy Resource Centers (RSERCs) will be postponed until Year 2 since the related legal issues cannot be analyzed until the normative acts and bylaws for implementing the new local government legislation has been enacted by Parliament, expected in September.

A Grants Manual developed during Quarter 3 will be submitted to USAID for approval during the next Quarter. After this approval and the finalization of local government elections, EC-LEDS will issue RFAs for partial grants to support projects in SEAP municipalities. Additional funds for SEAP projects are also being identified and accessed, including the European Commissions (EC's) Sustainable Urban Demonstration Projects (SUDeP) program and the Municipal Development Fund (MDF). Since USAID has not yet developed a Development Credit Authority (DCA) program, no assistance has yet been provided to financial institutions in support of a DCA, and no DCA funds are yet available to support SEAP projects.

Each year, COM Municipalities host Energy Days in the month of June. In Georgia, the Energy Efficiency Center organizes these events in cooperation with Municipalities. EC-LEDS participated in several Energy Days events in Telavi, Gori, Tbilisi, Zugdidi and Poti.

Component 2: Green Building Rating and Certification System

The EC-LEDS program is tasked with recommending, developing, and implementing a voluntary Green Building (GB) rating system in Georgia.

During the third Quarter, EC-LEDS focused on assessing the Georgian building sector and evaluating international experience and best practices, and their applicability to Georgia. An assessment report was finalized and submitted to USAID which included recommendations for supporting development and certification of buildings according to requirements of specific rating systems and energy performance labeling programs.

The second meeting of the considered these recommendations, international experience and best practices, and current GOG plans.

A decision was made to promote certification of buildings using Leadership in Energy and Environmental Design rating system developed by the US Green Building Council (LEED USA) and the UK's Building Research Establishment Environmental Assessment Method (BREEAM), as well as the Display energy performance labeling program recognized by the COM. This decision was based on the assessment report, presentations on international best practices for GB and energy performance labeling programs at the second Green Building Certification Working Group (GBCWG), and discussions following the GBCWG meeting. A Georgia-specific rating system for existing buildings will also be developed based on lessons learned in certifying buildings to the LEED and BREEAM rating systems. Potential pilot GB projects were identified during the Tbilisi Energy Days held in June. Quarter 4 will include a train-the-trainer event focused on LEED and BREEAM.

During Quarter 4, EC-LEDS will focus on developing and implementing a marketing strategy for promoting certification buildings per the criteria required by GB rating systems and energy performance labeling programs. Initially, meetings are planned with members of eight stakeholders groups, with a focus on sharing information about green buildings, and the plans to support certification of green and energy efficient buildings. In parallel with the stakeholder meetings, Business Forums will be held in Batumi and Tbilisi. Promotional efforts for GB will also be included in the pilot outreach campaign to be implemented during Quarter 4, and in the National Communications Plan, to be finalized and launched by the end of September.

The Government of Georgia (GOG) continues to move forward with the process of developing policies related to green and energy efficient buildings, beginning with the drafting of a new Construction Code, expected to be submitted to Parliament in the Autumn. Two LEEDS experts will reprise their GBCWG presentations at an International Conference on the "Problems of Architecture and Town Planning Today" on July 11-12, focused on increasing the involvement of experts in urban planning and building design.

Component 3: National EC-LEDS Working Group and Advisory Assistance

The bilateral EC-LEDS initiative provides a strategic framework for the GOG to articulate concrete actions, policies, and programs that slow the growth of emissions while advancing economic growth and meeting Georgia's development objectives. Representatives of the U.S. Government, including USAID, and the GOG (from various ministries) formed a LEDES Committee to achieve the goals and actions agreed upon by both countries in the Memorandum of Understanding signed on December 17, 2012. Winrock participates in the LEDES Committee and will play a critical role in making sure that assistance activities are linked with national priorities, and that data, findings, and results at the municipal level are used to inform national actions, policies, and programs.

Managing the LEDES process, including organizing meetings of the Expert Working Group (EWG) and Steering Committee (SC), and assigning LEDES analysis and policy formulation to various LEDES sub-working groups (SWGs), is a significant and complex task. Therefore, the Ministry of Environment (MOE) requested a LEDES advisor to coordinate the process. The Advisor was recruited by EC-LEDES and seconded to the MOE in June. To launch the detailed LEDES technical analysis in each sector, a Terms of Reference (TOR) was developed for the sub-working groups (SWGs) assigned by the Ministry of Environment. The LEDES Advisor met with the SWG Chairs this Quarter to discuss the TORs and formation of the SWGs.

EC-LEDES, together with the Ministry of Environment and with the support of the Ministry of Energy, focused the second LEDES EWG and SC meetings, held on May 14 and 16, respectively, on presenting previous work that prepared an energy Business-As-Usual (BAU) GHG emissions projection and alternative energy sector development and GHG emissions mitigation scenarios using the MARKAL Georgia model.

The calibration of the MARKAL Georgia model to the 2011 draft Greenhouse Gas (GHG) inventory, updating the inventory based on 2012, and adding functionality to incorporate analysis of non-energy emissions mitigation options, began in Quarter 3. EC-LEDES collaborated with the Ministry of Energy's Analytical Department (MOE-AD) and the Hydropower and Energy Planning (HPEP) program to ensure there is one MARKAL Georgia model. Data from the municipal baseline survey will be incorporated into the MARKAL model during Quarter 4.

It is clear that other donor funds will be required to fully support the GOG in developing the LEDES. The Energy BAU GHG emissions projection is being developed by EC-LEDES in coordination with the MOE-AD and HPEP. However, expertise is being sought for developing the non-energy BAU emissions projections, as well as developing data on mitigation options' GHG emissions reductions and costs for analysis using MARKAL Georgia. In preparation for a donor meeting to discuss funding needs for completing the LEDES, EC-LEDES compiled a matrix summarizing all donor-funded programs relevant to the LEDES process.

Environmental Protection Activities

EC-LEDES received comments from USAID on the Environmental Monitoring Scoping Statement (SS) submitted in Quarter 2. The SS defines the scope of program, and the significance of the issues and likely effects to be addressed under the Programmatic environmental Assessment (PEA). The scoping statement is currently being revised in response to comments from the USAID Bureau Environmental Officer (BEO).

Implementation of the PEA began in Quarter 3, with data collection and analyses of additional baseline information necessary for development of the PEA continuing during Quarter 4.

Cross-Cutting Activities

Public Communications and Outreach

In order to reach EC-LEDS Clean Energy Program goals and build a clear understanding of the benefits of energy efficiency technologies and green buildings and tools for their implementation, the program incorporates public outreach activities across all components.

Outreach and Communications goals include reaching 1 million Georgian citizens with core messages, leading to energy and money-saving actions by at least 100,000 people; increasing citizen awareness that energy saving measures improve comfort in buildings and houses and reduce costs while decreasing GHG emissions and creating a positive image for EC-LEDS. The outreach efforts will also raise awareness of green building rating systems and benefits, targeted to households, private sector businesses and investors, and construction and development companies.

During this Quarter, the EC-LEDS Clean Energy Program submitted to USAID the Public Awareness and Communications Strategy and elaborated a pilot communications plan to be implemented in Tbilisi and Batumi. Based on this pilot implemented from June to August, and the results of the baseline survey, the National Communications Plan will be finalized, and the outreach campaign will be launched, by the end of Quarter 4. A program brochure was designed and approved by USAID. It is being distributed at EC-LEDS events and partner meetings.

Leveraging Additional Funding Sources for LEDS

A report on available mechanisms for financing mitigation projects is under development and will be finalized by the end of June 2014. The report will outline all relevant locally and internationally available financing mechanisms, including commercial banks, international financial institutions, donors, etc.

People with Disabilities (PWD), Youth and Gender

On April 10-11, during a trip to the city of Telavi (Kakheti Region) to meet Gender, Youth, and PWD NGOs active in the region, local media representatives and the Telavi Municipality PR Unit, the EC-LEDS team held an introductory meeting with NGOs. The meeting was very interactive and included presentations on each organization's mission. On June 30th EC-LEDS attended the first official joint meeting of the Disabled Women association organized by the NGO *Woman and Reality*. The meeting was dedicated to the discussions of the problems related to the integration of PWD into a normal lifestyle. Activities in development include inclusion of youth in development and implementation of SEAPS, and hiring disabled women for data collection to support the SEAPS.

Cooperation with other USAID programs

1. Integrated Natural Resource Management in Watersheds of Georgia (INRMW) Program
EC-LEDS will collaborate with INRMW in engaging eco-clubs and is considering how to build on the benefit-cost analysis capacity-building (provided by INRMW to MOE) in developing the LEDS.

2. Waste Management Technologies in Regions
EC-LEDS and the Waste Management program implemented by ICMA identified several opportunities to collaborate in Batumi and Telavi, including co-funding waste sector GHG mitigation

projects, co-promotion of GB certification and recycling, cooperating in working with eco-clubs, and coordinating national and regional/local public outreach efforts.

3. New Economic Opportunities (NEO)

In June, the EC-LEDS team held a meeting with USAID's New Economic Opportunities (NEO) program. Potential areas of collaboration include co-funding projects and applying NEO's experience with condominium associations (CAs) to projects with CAs in SEAP municipalities.

Cooperation with other Donors

1. EU's Inogate

EC-LEDS played a pivotal role this Quarter in linking the Ministry of Economy's Spatial Planning and Construction Department to Inogate for possible funding for developing a National Energy Efficiency in housing plan.

2. Clima East

EC-LEDS submitted a proposal to Clima East for an urban development "Key Expert" to assist with SEAPS, and is in the process of developing a proposal for an industrial "non-key expert" to assist with developing costs and savings assumptions for mitigation actions in the industrial sector.

Local partner capacity-building

A Branding and Marking training was held on May 20th for local partner organizations GBC Georgia, Remissia and SDAP. All participants also noted the importance of organizing similar events to raise their awareness on other topics of interest related to USAID compliance and project management.

Informal training was also provided throughout the quarter, including on issues of financial reporting, signing consultants' activity reports, and consultants/staff charging for time.

Program Progress (Quantitative Impact)

On June 9, 2014 EC-LEDS submitted a revised Work Plan with Performance Monitoring Plan (PMP). Progress to date in implementing the work plan is indicated by the inclusion of actual results for the following PMP indicators: Number of Low Emission Development Plans developed and/or implemented (1); Number of institutions with improved capacity to address climate change (4); Number of climate change mitigation tools, technologies or methodologies developed, tested or adopted (1); Number of developers, investors/building owners/buyers aware of green building rating and certification systems (11).

Project Administration

Constraints and Critical Issues

With the expected changes in the management of the municipalities resulting from local government elections held in June 2014, and new legislation passed by Parliament creating additional self-governing cities and separating cities from rural areas, decisions on the COM process could change. We expect high interest in SEAPS by almost all local governments in the new self-governing cities. With these changes, EC-LEDS may need to revisit the evaluation criteria used to select municipalities to receive program support.

Personnel

In Quarter 3, a Low Emission Development Advisor, Mr. Kakha Kharchkhadze, was hired to support the Ministry of Environment in planning and implementation of a LEDES in Georgia. The team engaged consultant Mr. Mamuka Gvilava to complete the PEA in Quarter 4.

Changes in the Project

No changes have been made to the project this Quarter.

Cooperative Agreement Modifications and Amendments

A budget realignment for the EC-LEDS project was fully executed during Quarter 3. This realignment shifted funds from Component 2 to Component 3 and removed Dr. John Williams as Key Personnel. Management of Component 2 also shifted from the Alliance to Save Energy to Winrock International.

Also during Quarter 3, the USAID Agreement Officer approved shifting the due date of the initial draft of the Year 2 work plan from August 1 to September 15, 2014 due to the difficulty in planning Component 1 activities until after the second round of local elections planned for July.

Next Quarter's Work Plan

Implementation is expected to follow the submitted work plan except for the several key areas. Several aspects of the program are delayed due to the impact of local elections, as well as the new legislation which divides Cities from rural areas.

The postponement of local elections, and subsequent second round, has resulted in postponement of the planned SEAP data training. It is now planned for mid-September. The identification of potential projects and issuance of the Partial Grants RFA will be delayed until the second round of elections are complete.

Funding options are being explored since USAID has not yet established a DCA. EC-LEDS has assisted municipalities and NGOs to submit 5 concepts to the EU for funding; two of these were approved for developing full proposals. Though the SS and PEA submission are slightly delayed, this will not impact support for project implementation due to the delay in the DCA and thus of funding available to implement projects.

Though 3 SEAPS are in process, the MRV for Tbilisi has been delayed since the COM Secretariat has not issued their MRV guidelines. Guidelines being developed by EC-LEDS, once approved, will guide the MRV, likely in Year 2. LEDES Champions for change will be identified during implementation of SEAPs rather than during their development. Identification of locations for SEOs will be delayed until the normative acts and by-laws required to implement the new local government legislation are passed by Parliament, expected in September.

The development of a Georgia-specific green building rating and certification system and training/accrediting certifiers will not be completed in Year 1. Based on expert recommendations, Georgia should first gain experience certifying buildings using existing international rating system requirements, specifically LEED and BREEAM. These should form the basis of any Georgia-specific system. Training of certifiers for the Georgia rating system will follow its development.

Lessons Learned

The process of organizing and preparing to develop a LEDS at the National level has taken more time than envisioned. This may largely be due to the fact that most donor-funded programs of this type include substantial technical assistance and the process is usually managed by the donor-funded expert. The LEDS Advisor will be critical in helping to manage the LEDS process, and in linking the technical assistance available under EC-LEDS and other donors to the LEDS Ministries' decision-making processes.

II. KEY ACHIEVEMENTS (Qualitative Impact)

The EC-LEDS Clean Energy Program, funded by USAID/Caucasus, is a four-year program implemented by Winrock International to support Georgia's efforts to increase climate change mitigation through energy efficiency and clean energy. The broader goal is to enable more responsible management and development of Georgia's natural endowments. The objectives of the program are to

- Support Georgian municipalities in institutionalizing and implementing climate change mitigation measures;
- Promote and facilitate private-sector investments in energy efficiency and green buildings; and
- Build the capacity of the GOG to develop and implement a national Low Emissions Development Strategy in support of the U.S. Government EC-LEDS initiative.

Components 1 and 2 will be implemented throughout the four years and will be continued by the local organization in the last two years of the program. Component 3 will be completed by the end of the third year.

During the four years of the program, the EC-LEDS Clean Energy Program is expected to reduce 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).

Component I: Georgian Municipal Energy Efficiency (GeMunee)

In 2008, the EU launched the Covenant of Mayors (COM) to endorse and support local governments in implementing sustainable energy policies. Cities and local authorities that want to join or become signatories to the COM must follow certain steps and take certain actions. For example, signatories must create an inventory to quantify GHG emissions, develop a Sustainable Energy Action Plan (SEAP), and establish a Sustainable Energy Office or regional Sustainable Energy Resource Center, among other things. Seven cities are currently signatories in Georgia—Batumi, Gori, Kutaisi, Poti, Rustavi, Tbilisi, and Zugdidi. The first city to become a signatory in Georgia, Tbilisi, developed and submitted its SEAP in 2011 and established a Sustainable Energy Agency with assistance from USAID.

The EC-LEDS Clean Energy Program, through the GeMunee component, will build on USAID's support for Tbilisi and expand assistance to at least nine other municipalities to enable their participation in the COM, including those that are already signatories. Assistance will be limited to those municipalities that are not receiving assistance for similar activities from other donors.

Assistance to the ten municipalities will include:

- Development and implementation of SEAPs;
- Establishment of Sustainable Energy Offices or Regional Sustainable Energy Resource Centers;
- Development of Monitoring/Reporting/Verification Plans;
- Development of Sustainable Energy Public Awareness Plans;
- Identification and implementation of Demonstration Projects via Partial Grants; and
- Development Credit Authority Guarantees and Financial Institution Assistance.

During Quarter 3, EC-LEDS focused on the development of SEAPs for the top priority municipalities of Batumi, Kutaisi and Zugdidi, developing and testing the analytical tool to be used for developing SEAPS, and developing an approach to Monitoring, Reporting and Verification (MRV) for approval by

the COM.

Development and Implementation of Sustainable Energy Action Plans (SEAPS)

During Quarter 2, four cities were selected by the EC-LEDS team to receive assistance in the first year of the project. These four cities are Batumi, Kutaisi and Zugdidi for developing SEAPs, and Tbilisi for completing an MRV report.

Task a. Development of MUNI- EIPMP Analytical Tool

Building on the work from Quarter 2, testing and improving of the Municipal Inventory, Projection and Mitigation Planning (MUNI-EIPMP) tool continued, beginning with Kutaisi Municipality staff, followed by Batumi Municipality. The EC-LEDs team reviewed the first short demonstration version of the MUNI-EIPMP tool, including the base year inventory and public lighting sector modules.

EC-LEDS also assessed the ability to harmonize data and results from the MUNI-EIPMP tool with the national MARKAL-Georgia model. Development of the transport sector inventory and Business-As-Usual (BAU) modules and testing data for Batumi, Kutaisi and Zugdidi continued throughout Quarter 3.

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

The EC-LEDs team planned to hold the first training for municipalities, focused on data collection and management, on April 28-29. However, this training has been postponed twice, primarily because local government elections throughout Georgia, initially planned for April, were postponed to June. The training was first postponed to May due to scheduling conflicts of some participants. The list of participants, agenda and presentation template for municipalities were developed. The representatives of all ten selected Municipalities were to take part in the trainings, most of them travelling from the Regions of Georgia.

Given the uncertainties of local government staff availability to attend the first training planned for April (due to the elections), and also the expectation that many municipal employees will be replaced after the elections, the training was again postponed. The team decided to combine the first and second trainings (planned for April and July), and to conduct one three-day training rather than two 1.5 day trainings. USAID approved this change of plans. Due to the second round of elections to be held in mid to late July, the training will again be postponed to mid-September, subject to USAID approval.

Task c. Assistance in developing/revising/updating SEAPS for those municipalities that have priority need

During Quarter 3, meetings were held in Batumi with local experts to review the process of updating the SEAP, with completion expected by the end of July 2014. Local experts were identified to update building sector and transport sector sections of Batumi's SEAP, with an amended SEAP to be submitted to the COM by the end of August. Effort was also focused on further elaborating projects included in the SEAP, beginning with an energy efficiency project in the tourism sector. Project concepts will also be developed in the waste, green spaces and buildings sectors.

In this Quarter, Kutaisi sectoral experts worked on completing the building, greening, public lighting, transport and waste sector analysis and draft sections of the SEAP. In April, building sector experts visited Kutaisi and conducted energy audits of several "typical" buildings as part of establishing the baseline inventory for the Kutaisi buildings sector. An expert hired in May began a document review and consolidation of all data into one master document. Another expert began preparation

of guidelines for transport sector mitigation options, including urban planning for transport. BAU projections were developed for the public lighting and transport sectors using the MUNI-EIPMP tool. The public awareness section of the SEAP was also drafted and submitted to Kutaisi municipality for review and comment. An MRV plan for Kutaisi was developed, and the SEAP was finalized by the end of June.

The development of Zugdidi's SEAP began in May with an assessment of the current situation and gathering data. Technical experts in the fields of buildings, green spaces, waste, transport and public lighting, are developing the inventory and conducting analysis of mitigation options for the Zugdidi SEAP. Inception reports have been drafted by local experts and are under review, with completion of Zugdidi's draft SEAP expected by mid-August.

EC-LEDS team members participated in the Covenant of Mayors practitioners' workshop held in Tbilisi on April 1 and 2, organized by the COM East office. At this workshop, EC-LEDS partner Remissia delivered a presentation on the key barriers for municipalities in Georgia to develop and implement SEAPs.

Establishment of Sustainable Energy Offices or Regional Sustainable Energy Resource Centers

The first step in this process is assessing the legal and financial foundation for establishing Sustainable Energy Offices (SEOs) or Regional Sustainable Energy Resource Centers (RSERCs). Parliament recently passed legislation separating Cities from the rural areas of municipalities. However, the normative acts and by-laws have not yet been issued; these must be enacted prior to the umbrella law taking effect. This will not be possible until the Parliament reconvenes in September. If the legal foundation for the municipalities is not yet clear by September, it is possible that the work on identifying potential locations for SEOs or RSERCs will be postponed until Year 2.

Development of Monitoring/Reporting/Verification Plans

EC-LEDS is developing the MRV for the city of Tbilisi which was due in 2011. The delay has been due to the fact that the COM has not issued its MRV guidelines. The original deadline for these guidelines was 2010. Since it is not yet known when the COM will issue the MRV guidelines, EC-LEDS is developing MRV protocols to use in developing the SEAP MRVs. This MRV approach will be submitted to the COM for approval by the end of September. As soon as it is approved by the COM, EC-LEDS will assist Tbilisi in conducting the monitoring and verification of their SEAP implementation to date. Though a general MRV approach and plan has been included in the other SEAPs assisted by EC-LEDS (i.e., Kutaisi, Batumi and Zugdidi), the monitoring, reporting and verification for each SEAP will be conducted at least one year after the SEAPs are submitted.

Development of Sustainable Energy Public Awareness Plans

As part of the SEAP process, EC-LEDS is assisting municipalities in drafting their communications strategies to be included in their SEAPs. These SEAP outreach strategies will be linked to and support implementation of the National Communications Plan. In the reporting period, the draft Communication Strategy for the City of Kutaisi SEAP was finalized and sent to the Kutaisi City Administration for review and comments. Due to the Municipality elections, the response is pending. Assistance will also be provided to Batumi in updating their SEAP outreach strategy and to Zugdidi in developing their SEAP outreach strategy.

Each year, COM Municipalities host Energy Days in the month of June. In Georgia, the Energy Efficiency Center organizes these events in cooperation with Municipalities. EC-LEDS participated in several Energy Days events including:

1. On June 6, EC-LEDS Program Community Mobilization Specialist participated in the event that was jointly organized by Telavi Municipality Council ("Sakrebulo") and Energy Efficiency Center (EEC) in the framework of *Energy Days*. *Energy Days* activities were conducted at Civil Engagement Center premises, where participants were welcomed by Telavi Municipality ("Sakrebulo") Governor ("Gamagebeli") Mr. Metreveli, followed by presentations and projects prepared by winners of a school contest on environmental problems and solutions.
2. On June 20th, EC-LEDS participated in the Gori Energy Days event jointly organized by the Energy Efficiency Center, Gori Municipality Council, Gori Municipality Education Division and Kindergarten #16 in Gori. An overview of the EC-LEDS project and SEAPs was presented and brochures about various energy efficiency technologies were made available.
3. On June 26th and 27th, under the auspices of the Tbilisi Municipality, an Energy Days workshop was conducted at the Radisson Blu Hotel. Representatives of the Ministries of Energy, Environment and Economic Development and energy and environment sector stakeholders attended and participated in the meetings.

The first day was dedicated to the discussions on Renewable Energy (RE) and Energy Efficiency (EE), including EE in the building sector. The Executive Director of the Winrock NATELI project partner organization Cell Therapy and Technology Center presented their Hospital Construction process based on NATELI recommendations. EC-LEDS produced a video tour of the Cell Therapy and Technology Center and presented it at the Energy Efficiency Conference as a success story of energy efficient technologies in the commercial buildings.

The second day of the Tbilisi workshop was dedicated to an update on the status of Tbilisi's SEAP. EC-LEDS made a presentation of the EC-LEDS Clean Energy program and, in particular, the work in support of SEAP development and implementation.

4. A trip to West Georgia to participate in the Energy Week events in Zugdidi and Poti was scheduled for the week of June 30th.

Identification and Implementation of Demonstration Projects via Partial Grants

The EC-LEDS program includes the task of identifying and implementing demonstration projects via partial grants to help municipalities identify projects to support LEDs objectives. In this Quarter the team developed a Grants Manual and Request for Applications (RFA) template. The manual includes details on the selection criteria, selection committee composition, selection and grants issuing process and is currently under Winrock HQ review. The grant manual and strategy will be submitted to USAID for approval in Quarter 4 and then launched.

In Quarter 2, the EC-LEDS team assisted five (5) local NGOs and municipalities in preparing and submitting concept notes to the European Commission's (EC) SUDeP program. Two concept notes were selected for the SUDeP shortlist. The first was NGO Remissia's Concept Note for 1.5 million Euros project focused on waste and wastewater methane collection in Batumi. The second was NGO Sustainable Development and Policy Center's concept note for Rustavi, for a 648,990 Euro project focused on energy efficiency retrofitting of three Kindergartens. As the next step, full proposals will be developed and submitted to the EC. The EC-LEDS team will assist the applicants in developing the full proposals during Quarter 4.

During Quarter 3, EC-LEDS began development of project proposals in the SEAP municipalities, beginning with a proposal for promoting energy efficiency technologies in Batumi's tourism sector.

This and other projects identified in Batumi's SEAP will be considered for funding under the partial Grants program.

Tbilisi requested delaying issuance of the Partial Grants RFA after election results and completion of Tbilisi's MRV report. The EC-LEDS team met with Tbilisi municipality in June to discuss opportunities for starting up the partial grants program. EC-LEDS will assist Tbilisi in conducting a detailed MRV of their SEAP after approval of the MRV approach and framework. Most municipalities continue to revise their SEAPs based on qualitative and quantitative reviews of their success during implementation, and to add projects to their SEAP after the first MRV report. Therefore, it is expected that Tbilisi will add some projects to their SEAP prior to issuing the Grant RFA in Tbilisi.

In May, EC-LEDS met with the Municipal Development Fund (MDF) representative Mr. Gerard De Boer to discuss potential collaboration and potential of using their revolving fund mechanism for funding climate mitigation projects in the EC-LEDS municipalities. The revolving mechanism funds projects with the following capital mix: 30% grant, 20% municipal budget, 50% loan, with interest rates on loans ranging from 10 to 12%. The most relevant area where municipalities can apply for financing from the MDF's revolving fund is the building sector. Other areas of collaboration were also discussed. MDF has decided to apply to the current UK-German Nationally Appropriate Mitigation Actions (NAMA) facility to establish a new revolving fund, focused on municipal energy efficiency and renewable energy. If this proposal is successful, it may prove to be one of the most efficient methods of financing climate mitigation projects in municipalities, given MDF's long-term experience in running a similar fund, and in assessing municipalities' creditworthiness.

Development Credit Authority Guarantees and Financial Institution Assistance

Since USAID has not yet developed a DCA program, no assistance has yet been provided to financial institutions in support of a DCA, and no DCA funds are yet available to support SEAP projects.

Component 2: Green Building Rating and Certification System

The EC-LEDS program is tasked with recommending, developing, and implementing a voluntary GB rating system in Georgia. In addition, the new government is focusing on development of a National Energy Efficiency Housing Plan and is revising the Construction code. Subsequently, they will develop secondary legislation including developing a mandatory energy efficiency code.

Development of a Voluntary System for Rating and Certifying Green Buildings

Task a. Review existing GB certification systems

During the third Quarter, the assessment report on energy efficiency (EE) in buildings and green buildings (GB) in Georgia was finalized and submitted to USAID. This report includes recommendations on choosing a rating system to certify, developing an energy performance labeling program/code for Georgia, developing a certification program to certify buildings that meet the requirements of these programs and a professional accreditation program, and developing a system to measure and verify the impact of certified buildings.

Task b. Convene Building Certification Working Group meetings

The second meeting of the Green Building Certification Working Group (GBCWG) was conducted at Wood Service's premises on June 3rd. The main objective of the meeting was to select the Rating Systems (RS) for further application in Georgia and to discuss methods of training and accrediting professionals to conduct the certifications according to the RS chosen. The meeting was attended by stakeholders from different fields and organizations, including government representatives from

the Ministry of Energy and Ministry of Economy and Sustainable Development; Municipality representatives from the cities of Tbilisi, Rustavi, Gori and Telavi; academic professors from Georgia Technical University faculties of Energy and Telecommunication, Architecture and Building and Construction; NGOs working on landscape architecture, urban development, energy and environmental issues; and private companies including developers, construction companies, real estate companies.

The agenda of the GBCWG meeting was structured to present the international experience in green buildings and energy performance rating and certification and to compare various internationally recognized schemes for these two practices, their advantages and drawbacks for the Georgian conditions including acceptability by the community of experts and government, relevance and applicability construction traditions, flexibility to adapt to Georgian conditions, resources necessary to adapt, etc. Local participants, in turn, presented ongoing legal-regulatory developments, information on technical capacities, needs and envisioned trainings in the field of green and energy efficient buildings, as well as GB activities to date in Georgia.

The follow-up to the GBCWG includes finalizing recommendations for EC-LEDS support and marketing and outreach to the private sector about GB and energy performance labeling programs. EC-LEDS is drafting two reports based on the GBCWG meeting, one focused on International Experience in Building Energy Performance Certification and Labeling and a one on Facilitating the Choice of Green Building Rating and Certification Programs and Energy Performance Labeling Programs.

Task c. Develop preliminary version of GB certification system for Georgia

Based on the GBCWG meeting, a decision was made to promote certification of buildings based on the criteria of the LEED and BREEAM rating systems and Display energy performance labeling program. The reason for focusing on these existing systems is so that certifications can begin immediately and Georgian experts can gain experience with certifying buildings before developing any Georgia-specific system.

Lessons learned from certifying buildings using LEED and BREEAM will form the foundation for a Georgia-specific rating system, which will focus on existing buildings. Because LEED and BREEAM are very focused on US and UK requirements, respectively. Finalization of a Georgia-specific system will depend on decisions to be made by the European Green Building Councils that are members of the WorldGBC's European Regional Network (ERN). Driven mainly by the interest of funding organizations, the ERN is currently considering the development of one common rating system focused on CO₂ reductions only, eliminating all of the existing rating systems currently in use in Europe.

Task d. Establish/strengthen GB certification and accreditation entity(ies) and obtain national authorization

As the first step in increasing the professional skills and enlarging the pool of experts who can certify green buildings for existing rating systems (BREEAM and LEED) and for the Display energy performance labeling program (an EU program implemented through Energy Cities), EC-LEDS will hold a train-the-trainer event, planned for the end of September, focused on LEED and BREEAM. Training for auditors to offer certification for the Display Energy performance labeling program will also be developed in Year 2.

Development of a certification and accreditation program in Georgia will only begin once a Georgia-specific system has been developed and an approach to certifying and accrediting buildings to the Georgia-specific standard is finalized.

Task e. Hold workshops on GB standards, rating, certification and accreditation system particularly for private sector groups

During Quarter 4, EC-LEDS will meet members of eight stakeholders groups, including professionals (Architects and Engineers), developers, construction companies, academia, financial institutions, real estate companies and building owners, NGOs, and Government representatives. The purpose is to present general information on the importance of certifying green and energy efficient buildings, and to share information on the plan to support LEED and BREEAM rating systems and the Display energy performance labeling program certifications.

Development of Promotional Strategy and Campaign

In parallel to holding the stakeholder meetings, EC-LEDS will develop a marketing strategy for promoting GB and energy performance labeling certification, based on the World GB Council approach. This strategy will include activities to determine the target market for the rating systems and Energy performance labeling programs and targeted outreach to these organizations. Business forums will be held in Tbilisi and Batumi, to engage the private sector in certifying planned new construction projects and existing buildings as green buildings.

Promotional efforts began with the Tbilisi Energy Days. EC-LEDS representatives participated in a roundtable discussion focused on EE in the Residential and Service sectors, including green and energy efficient buildings. Possible pilot projects for GB certification, as well as for the Display Energy Performance Labeling program, were identified.

Additional promotional efforts to support GB certification will be included in the pilot promotional campaign to be implemented during Quarter 4, and in the National Communications Plan, to be finalized and launched by the end of September. Specific support may include talk shows hosted by University faculty and students.

Development of Monitoring/Reporting/Verification Plan

Work on MRV has not yet begun.

Government Incentives and Regulations Supporting EE and GB

The Government of Georgia continues to move forward with the process of developing policies related to green and energy efficient buildings. The Ministry of Economy and Sustainable Development's Office of Spatial Planning and Construction Policy, headed by Mr. David Gigineishvili, is developing the Spatial Planning and Construction code, which is still in process. The draft version of the Code has gone through several public hearings and will be submitted to the Parliament of Georgia for review and adoption in autumn, as soon as the Members of Parliament return from summer holidays.

In order to promote greater involvement of experts in Government policy-making, the Faculty of Architecture, Urbanism and Design of the Georgian Technical University is sponsoring an International Conference on the "Problems of Architecture and Town Planning Today" on July 11-12. The organizers have asked EC-LEDS to assist them with the qualified experts and to reprise experts' presentations given at the June GBCWG meeting on green and energy efficient buildings that are relevant for this conference which is focused on increasing the involvement of Architects and Town Planners in Government planning.

Component 3: National EC-LEDS Working Group and Advisory Assistance

The bilateral EC-LEDS initiative provides a strategic framework for the GOG to articulate concrete actions, policies, and programs that slow the growth of emissions while advancing economic growth and meeting Georgia's development objectives. This framework will provide a foundation for

achieving long-term, measurable GHG emission reductions, as compared to a BAU development pathway, and for improving environmental management in Georgia. Representatives of the U.S. Government, including USAID, and the GOG (from various ministries) formed a working group to achieve the goals and actions agreed upon by both countries in the Memorandum of Understanding signed on December 17, 2012.

Winrock participates in the LEDS Committee and will play a critical role in making sure that assistance activities are linked with national priorities, and that data, findings, and results at the municipal level are used to inform national actions, policies, and programs. This will include providing advisory assistance to the GOG as needed. Areas for bilateral cooperation and assistance may include activities that increase and encourage the use of clean and energy efficient resources; support the development of a national GHG inventory system; improve the policy environment in low emissions economic growth; expand economy-wide and technical modeling efforts; and improve governance of Georgia's natural resources

Ensure SEAP Activities are Consistent with National Policies and Priorities

The calibration of the MARKAL Georgia model to the 2011 draft GHG inventory, and updating the inventory based on 2012, began in Quarter 3. In addition, EC-LEDS and its partners collaborated with the Hydropower and Energy Planning (HPEP) program to ensure there is one MARKAL Georgia model, and to prepare an energy BAU projection based on current Ministry of Energy plans.

As the MARKAL Georgia model is used to project the Business-as-Usual (BAU) national energy emissions, these projections will form the foundation for finalizing the BAU projections for the municipalities using MUNI-EIPMP.

Ensure that Municipal-level Data, Findings and Results Inform National Policies, Programs and Actions

Since SEAPS are still in the process of being completed, the analytical results have not yet been shared with the LEDS Committee; a presentation is planned for the September EWG and SC meetings. Data from the municipal baseline survey will be incorporated into the MARKAL model during Quarter 4.

Analytical Capacity-Building

The Ministry of Environment assigned LEDS sectors to various sub-working groups (SWGs) in December 2013. Most of the sub-working groups will be managed by the relevant responsible Ministries. The exception is the buildings group, which is not the responsibility of any particular Ministry. The Ministry of Environment requested Mr. Giorgi Abulashvili, Director of the Energy Efficiency Center (EEC), who is also the liaison for municipalities to the COM, to lead the group.

During Quarter 2, meetings were held with Ministries involved in the EC-LEDS SC. All the ministries agreed that they would need to identify one liaison for the EWG who would also serve as the leader of the relevant SWG.

In May, a Terms of Reference (TOR) for these SWGs was finalized with the MOE and shared with the EWG and the SC at their meetings on May 14 and 16, respectively. In June, the TORs for each sector SWG were finalized and translated into Georgian. The TORs then were sent to the relevant SWGs for comment.

In Quarter 3, follow-up meetings were held with these Ministry representatives, including the Ministries of Agriculture, Regional Development and Infrastructure, and Economy and Sustainable

Development, as well as with Mr. Abulashvili of the EEC for the buildings group, to discuss the working groups' TORs and formation of the SWGs. Follow-up meetings are planned in Quarter 4 to support the SWGs in collecting data required for MARKAL Georgia, reviewing the energy and non-energy BAU emissions projections, identifying mitigation options, developing required cost and emissions impacts for these mitigation options, and beginning to integrate mitigation analysis into their sectoral development planning.

The Ministry of Environment (MOE) requested staffing assistance for the climate change office, specifically for organizing the LEDS process and liaising with relevant Ministries in developing the LEDS. USAID agreed to this support, and a Georgian LEDS advisor was recruited by EC-LEDS, to be seconded to the MOE, and began work on June 16, 2014.

Prior to the EC-LEDS project, significant capacity-building has been provided by USAID to the Ministry of Energy for analyzing energy sector strategies and evaluating emissions impacts of those plans, using MARKAL-Georgia as an analytical tool. However, low-emissions concepts, approaches, technologies and analytical approaches are new for most of the other Ministries involved in LEDS. Assistance will be required to develop the BAUs outside of the MARKAL Georgia model and develop data on mitigation options for the Forestry, Agriculture and Waste Management sectors. EC-LEDS will provide some assistance, complemented by other donors and expertise provided by the Ministry of Environment.

Development of the non-energy BAU projections will be based on various assumptions, including GDP. GDP forecasts are also necessary for modeling using MARKAL Georgia. It is essential that common assumptions be used for all aspects of the LEDS. In order to facilitate agreement on a common long-term GDP forecast for planning, EC-LEDS representatives met with the Fiscal Forecast Department at the Ministry of Finance which is developing its own GDP forecast in cooperation with the National Bank. More detail is being sought on the methodology and comparisons are in process to the GDP forecast included in Georgia 2020 and a Ministry of Energy sectoral GDP forecast. A memo will be drafted recommending a methodology and/or forecast for use in LEDS planning and will be discussed with MOE.

Provide Advisory Assistance to the GOG

EC-LEDS, together with the MOE and with the support of the Ministry of Energy, focused the second LEDS EWG and SC meetings on presenting previous work using the MARKAL Georgia model. The MOE also presented Georgia's approach for developing a Nationally Determined Contribution (NDC) as part of the UN Climate Negotiations, and its relationship to LEDS. At the LEDS EWG and SC meetings held on May 14th and 16th, respectively, EC-LEDS presented an overview of the MARKAL Georgia model, including plans to update the model to incorporate non-energy GHG and non-CO₂ energy GHG emissions. They also presented a BAU and alternative scenarios for energy sector development, based on analysis using MARKAL Georgia, under a USAID regional program.

It is clear that other donor funds will be required to fully support the GOG in developing the LEDS. In preparation for a donor meeting, EC-LEDS supported MOE in compiling a donor matrix summarizing all donor-funded programs relevant to the LEDS process. The LEDS Advisor will meet with the key donors to verify which ones may be able to fund experts to assist the SWGs in developing the LEDS. In Quarter 4, EC-LEDS will discuss the donor matrix with MOE and develop a plan for seeking support from other donors.

Environmental Protection Activities

To ensure that all necessary measures are taken to protect the environment, and to comply with 22 CFR 216 Environmental Compliance Procedures and the approved Initial Environmental Examination (IEE, DCN: 2012-GEO-076) for this project, the Winrock EC-LEDS team is undertaking a series of activities to carefully examine the environmental considerations of all initiative components and activities.

The purpose of the Environmental Monitoring Scoping Statement (SS) is to identify the potential impacts associated with the various project activities that may be implemented as part of the EC-LEDS program. More specifically, the SS defines the scope (including geographic scope of program) and the significance of the issues and likely effects to be addressed under the Programmatic environmental Assessment (PEA) as well as to suggest outline, timing, organization, methodology and approach of the PEA report. The draft of the SS report was submitted to USAID for review and comments on March 31, 2014. Comments on the SS were received from the USAID E&E Bureau Environmental Officer (BEO) on May 1, 2014. The SS is currently being revised in response to comments from the USAID BEO.

The EC-LEDS team engaged a PEA expert who began conducting the PEA during Quarter 3. Over the coming Quarter he will continue with data collection and analyses of additional baseline information necessary for development of the PEA.

Cross-Cutting Activities

Public Communications and Outreach

In order to reach EC-LEDS Clean Energy Program goals and build a clear understanding of the benefits of energy efficiency technologies and green buildings and tools for their implementation, the program incorporates public outreach activities across all components.

Outreach and Communications goals include reaching 1 million Georgian citizens with core messages, leading to energy and money-saving actions by at least 100,000 people; increasing citizen awareness that energy saving measures improve comfort in buildings and houses and reduce costs while decreasing GHG emissions; and creating a positive image for EC-LEDS, increasing demand for its services. The outreach strategy will also raise awareness of green building rating systems and benefits, targeted to households, private sector businesses and investors, and construction and development companies.

During this Quarter, the EC-LEDS Clean Energy Program submitted to USAID the Public Awareness and Communications Strategy that will guide the EC-LEDS Clean Energy Program in developing the National Communications plan, and in implementing the plan's public awareness activities and campaigns to promote the EC-LEDS public awareness goals. The Strategy identifies communication objectives, key messages, instruments and distribution channels for information dissemination, outreach activities, milestone, and recommended training, as well as monitoring and evaluation planning.

EC-LEDS elaborated a pilot communications plan to test the channels and messages for the National Communications Plan and to achieve the short-term objective of reaching 250,000 individuals with messages about the benefits of energy efficiency and of the EC-LEDS program. The pilot plan includes development and testing of a Facebook page. The pilot outreach campaign will be implemented in Tbilisi and Batumi during Quarter 4. Based on this pilot, and the results of the

baseline survey, the National Communications Plan will be finalized, and the national outreach campaign will be launched in September 2014.

During Quarter 3, EC-LEDS announced a Request for Proposals to hire a Georgian Public Relations firm to support national outreach work, selecting Fast Forward Communications (FFC). FFC will be responsible for building public awareness and conducting national outreach campaigns surrounding EC-LEDS, in particular, FFC will assist EC-LEDS with implementation of the pilot communications campaigns in Tbilisi and Batumi; produce designs, layouts, and public service announcements (PSAs); advise on messages, design concepts; and format, design, and layout publications in line with EC-LEDS information campaign objectives and the EC-LEDS branding and marking plan. FFC will also liaise directly with the media and journalists regarding the EC-LEDS program activities and outreach events, ensure media placement of PSAs on national and regional television, and of journal articles, public announcements, and news stories on-line and in print. Lastly, FFC will organize press conferences, media events, and journalist seminars.

The EC-LEDS team visited East Georgia to become acquainted with the People with Disabilities (PWD), Gender and Youth NGOs active in the region, to assess the possibility of integrating these issues into the national outreach campaign. The NGOs included the Georgian Society of Nature's Friends, Tanadgoma/Telavi, Foundation New Life, and others focused specifically on PWD, youth and gender issues.

An EC-LEDS Program brochure was designed and approved by USAID. It was, and will continue to be, distributed during EC-LEDS events and partner meetings.

Leveraging Additional Funding Sources for LEDS

A report on available mechanisms for financing mitigation projects is under development and will be finalized by the end of June 2014. The report will outline all relevant locally and internationally available financing mechanisms, including commercial banks, international financial institutions, donors, etc.

People with Disabilities (PWD), Youth and Gender

On April 10-11, during a trip to the city of Telavi (Kakheti Region) to meet Gender, Youth, and PWD NGOs active in the region, local media representatives and the Telavi Municipality PR Unit, the EC-LEDS team held an introductory meeting with NGOs. The meeting was very interactive and included presentations on each organization's mission. The following NGOs attended the meeting:

- PWD Children's Parents Association
- People With disabilities
- Foundation "New Life"
- Rural Woman for Human's Right
- Georgian Society of Nature Friends
- Kakheti Regional Development Foundation-Woman Club
- Telavi Young PWD Integration Center

On June 30th EC-LEDS attended the first official joint meeting of the Disabled Women association organized by the NGO *Woman and Reality*. The meeting was dedicated to the discussions of the problems related to the integration of PWD into a normal lifestyle.

EC-LEDS will discuss with Municipalities the potential for integrating these groups into the development and implementation of their Economic Development plans and SEAPs and is currently considering hiring disabled women for data collection to support the SEAPs. A meeting with Tbilisi is

planned to identify approaches for creating job opportunities for PWD; large businesses operating in Georgia who would be interested in employing PWD will be invited to the meeting.

Cooperation with other USAID programs

1. Integrated Natural Resource Management in Watersheds of Georgia (INRMW) Program

During Quarter 3, EC-LEDS met with the INRMW economist seconded to the Ministry of Environment, to learn about the capacity-building provided on Cost-Benefit Analysis. The techniques learned, including analysis of co-benefits of policies, can be applied to climate change policy analysis under the umbrella of the LEDS. EC-LEDS will explore ways to build on this expertise in conducting LEDS analysis. EC-LEDS will also collaborate with INRMW in engaging ecoclubs, including participation in an Ecoclub Lessons Learned Forum planned for Year 2.

2. Waste Management Technologies in Regions

EC-LEDS and the Waste Management program implemented by ICMA identified several opportunities to collaborate. Under Component I, we will consider co-funding waste GHG mitigation projects in Batumi and possibly Telavi (if it becomes a SEAP City). We will also target recycling businesses in both cities to become more energy efficient. At the business forum planned for Batumi in September, we will plan to co-present information on the GB certification and the benefits of recycling to local businesses. We will also target businesses and municipalities by combining promotion of GB certification or energy performance labeling with recycling programs, and possibly work together in funding demonstration projects. Lastly, we will cooperate in working with youth, including through eco-clubs, and on public outreach efforts nationally and in Batumi and possibly Telavi.

3. New Economic Opportunities (NEO)

In June, the EC-LEDS team held a meeting with USAID's New Economic Opportunities (NEO) program. Potential areas of collaboration were discussed at the meeting, including opportunities where the two programs' grant funds may be used in synergy to achieve greater results. The NEO team will determine whether they can use their grant funds in cities, as their program is currently focused primarily in rural communities. NEO also reviewed their successful work with forming Condominium Associations (CAs), and developing an interest-free microloans program. Although their work is limited to internally-displaced persons, EC-LEDS will apply NEO's experience with CAs to projects with CAs in SEAP municipalities.

Cooperation with other Donors

1. EU's Inogate

EC-LEDS played a pivotal role in this Quarter, in linking the Ministry of Economy's Spatial Planning and Construction Department to Inogate, to pursue funding for developing a National EE in Housing plan, a requirement for complying with EU's EE and Buildings directives.

2. Clima East

EC-LEDS submitted a proposal to Clima East for an urban development "Key Expert" to assist with SEAPS, and is in the process of developing a proposal for an industrial "non-key expert" to assist with developing costs and savings assumptions for mitigation actions in the industrial sector. The industrial mitigation data will be used for modeling mitigation actions using MARKAL Georgia, to be incorporated into the Industrial SWG's LEDS chapter.

Local partner capacity-building

A Branding and Marking training was held on May 20th for local partner organizations GBC Georgia, Remissia and SDAP. The EC-LEDS Compliance Manager and Communications and Outreach

manager provided an overview of the EC-LEDS Branding and Marking Plan, agreement requirements for sub-recipients, a list of communications subject to branding and marking requirements and a review of reporting templates, including for reports and presentations. Participants actively asked questions during the training, providing a lively discussion. All participants also noted the importance of organizing similar events to raise their awareness on other topics of interest related to USAID compliance and project management.

Informal training was also provided throughout the quarter, including on issues of financial reporting, signing consultants' activity reports, and charging for time. Assistance was provide to GBC Georgia on financial reporting in April, ensuring that their accountant is completely aware of specific needs and requirements for financial reporting. During May and June, research was conducted on behalf of Remissia regarding rules and requirements for signing consultants' daily activity reports. The issues were resolved and Remissia now is fully aware of when these reports are required and why they must be signed when they are required. Research for Remissia also began in Quarter 3, and is continuing in Quarter 4, on rules and regulations relating to staff and consultants' charging for time.

Deliverables and Products Submitted During this Quarter

During the second Quarter of the program, meetings were held with LEDS Ministries about the LEDS process. The presentations provided were not included in the Quarter 2 report list of deliverables and products. Table 1 below includes a revised list of deliverables and products submitted during Quarter 2, with additions highlighted in yellow.

Table 1 – Revised list of Deliverables and products submitted during Quarter 2

Component	Title/Description	Date submitted to USAID
all	EC-LEDS Quarterly Progress Report Oct-Dec 2013	10-Jan-14
all	EC-LEDS Work Plan and PMP Year 1 - Revised	24-Jan-14
Public Outreach	Project Launch January 28, 2014 Media Coverage Report	30-Jan-14
Component 1	Letter to USAID documenting the criteria for municipality selection and ranking of the municipalities according to the criteria	19-Feb-14
all	EC-LEDS Work Plan and PMP Year 1 - Revised	21-Feb-14
all	EC-LEDS Work Plan and PMP Year 1 - Revised/Final	14-Mar-14
Component 3	Presentation to Ministry of Economy and Sustainable Development	16-Mar-14
Component 3	Presentation to Ministry of Agriculture	16-Mar-14
Component 3	Presentation to Ministry of Regional Development and Infrastructure	16-Mar-14
Component 3	Presentation to Ministry of Energy	26-Mar-14
Environmental Compliance	Environmental Scoping Statement	31-Mar-14

Table 2 below includes the list of deliverables and products submitted during Quarter 3.

Table 2- list of deliverables and products submitted during Quarter 3

Component	Title/Description	Date submitted to USAID
all	Quarterly Progress Report Year 1 Qtr 2.	18-Apr-14
Component 1	Letter to USAID requesting approval of criteria for municipality selection and ranking of the municipalities according to the criteria	22-Apr-14
Component 2	Georgia Green Building Assessment Report	19-May-14
Component 2	Green Building Certification Working Group Meeting Report	19-May-14
Public Outreach	Public Awareness and Communication Strategy	13-Jun-14
all	Work Plan EC-LEDS-YIWP Revised	16-Jun-14
Component 3	Presentation to Forestry Agency	18-Jun-14
Component 3	Presentation to GeoStat, Georgia Department of Statistics	18-Jun-14

Lessons Learned

The process of organizing and preparing to develop a LEDS at the National level has taken more time than envisioned. This may largely be due to the fact that most donor-funded programs of this type include substantial technical assistance and the process is usually managed by the donor-funded expert. The LEDS Advisor will be critical in helping to manage the LEDS process, and in linking the technical assistance available under EC-LEDS to the LEDS Ministries' decision-making processes.

III. PROGRAM PROGRESS (Quantitative Impact)

The approved PMP for year I of the EC-LEDS program is included in the approved revised work plan submitted to USAID on June 9, 2014. Though not required for the Quarter 3 report, progress towards achieving targets is included below for those indicators with actual numbers to report.

Table 3- Indicator OPI

INDICATOR TITLE: NUMBER OF LOW EMISSIONS DEVELOPMENT PLANS DEVELOPED AND/OR IMPLEMENTED AS A RESULT OF USG ASSISTANCE (LEDS, SEAP, OTHER) (OP 1)										
UNIT: # Plans developed	DISAGGREGATE BY: None									
	Geographic Location		Event			Date		total		
	Kutaisi		SEAP for Kutaisi was developed			June, 2014		1		
Results:										
Additional Criteria If other criteria are important, add lines for setting targets and tracking	Baseline	Results Achieved by Q2, 2014	Y1		Y2		Y3		End of Project	
		Achieved	Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
	# Plans developed	0	1	3		7		0		10

Table 4- Indicator OP3

INDICATOR TITLE: NUMBER OF INSTITUTIONS WITH IMPROVED CAPACITY TO ADDRESS CLIMATE CHANGE ISSUES AS A RESULT OF USG ASSISTANCE (OP 3)						
UNIT: Number of Municipalities	DISAGGREGATE BY: None					
	Geographic Location		Event		Date	total
	Kutaisi; Batumi; Zugdidi		Municipalities engaged in the process of SEAP preparation		April-June/2014	3

<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>	Y1		Y2		Y3		End of Project	
		<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>
	# Number of Municipalities	0	3	9		5		0		14

Table 5- Indicator OP6

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>		Development and testing of the MUNI-EIPMP tool during the preparation of Batumi, Kutaisi and Zugdidi SEAPs			<i>March-April/2014</i>		1		
<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>	Y1		Y2		Y3		End of Project	
		<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>
	# Tools	0	1	1		2		2		5

Table 6- Indicator OPI I

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 11)										
<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>									
Number of Training activities	<i>Geographic Location</i>		<i>Event</i>			<i>Date</i>		<i>total</i>		
	Batumi, Kutaisi		"On job training for the instructors on Data Gathering, Mitigation Measures and Planning"			March, 2014		In total 2 events in Q2, 2014		
	Batumi, Kutaisi		"On job training for the representatives of the municipalities on Data Gathering, Mitigation Measures and Planning"			March, 2014				
	Zugdidi		"On job training in data gathering in all sectors"			April, 2014				
	Zugdidi Zugdidi Zugdidi		"On job training in data gathering and characteristics calculation for the buildings"			May, 2014		In total 6 events in Q3, 2014		
	Kutaisi Tbilisi		"Training in energy audit"			May, 2014				
			"On job training in preparation of the project proposals for SEAP"			June, 2014				
			"Training in energy audit"			April, 2014				
			"Training of experts in inventory preparation for SEAP"			April-June, 2014				
Results:										
Additional Criteria <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Results Achieved by Q2, 2014</i>	Y1		Y2		Y3		End of Project	
		<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>
	0	8	6		30		0		50	

# Training activities								
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Table 7- Indicator OPI6

INDICATOR TITLE: NUMBER OF INDIVIDUALS RECEIVING USG SUPPORTED TRAINING IN ENERGY RELATED POLICY AND REGULATORY PRACTICES (OP 16)				
<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>			
Number individuals	Geographic Location	Event	Date	total
	Batumi, Kutaisi	“On job training for the instructors on Data Gathering, Mitigation Measures and Planning”	March, 2014	5 (1 female, 4 male)
	Batumi, Kutaisi	“On job training for the representatives of the municipalities on Data Gathering, Mitigation Measures and Planning”	March, 2014	4(4 male)
				In total 9 (1 female) in Q2, 2014
	Zugdidi	“On job training in preparation of the project proposals for SEAP”	June, 2014	1 (1 male)
	Tbilisi			
	Tbilisi	“Training of experts in inventory preparation for SEAP”	April-June, 2014	5 (1 female)
	Tbilisi			
		“Low Emission Development Strategy WG Meeting”	May 14, 2016	16 (8 female)
		“Low Emission Development Strategy SC Meeting”	May 16, 2014	7 (4 female)
				In total 29 (14 female) in Q3, 2014
<i>Results:</i>				

<i>Additional Criteria</i> <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Results Achieved by Q2, 2014</i>	Y1		Y2		Y3		<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>
	# Individuals	0	38	40		50		0		90

Table 8- Indicator OPI9

INDICATOR TITLE: NUMBER OF DEVELOPERS, INVESTORS/BUILDING OWNERS/BUYERS AWARE OF THE GREEN BUILDING RATING AND CERTIFICATION SYSTEM (OP 19)										
UNIT:	<i>DISAGGREGATE BY: None</i>									
Number of Businesses	<i>Geographic Location</i>	<i>Event</i>			<i>Date</i>	<i>total</i>				
	<i>Tbilisi</i>	<i>1st "Working Group Meeting for the Creation of Green Building Rating and Certification Board"</i>			<i>19 December/ 2013</i>	11				
	<i>Tbilisi</i>	<i>2nd "Working Group Meeting for the Creation of Green Building Rating and Certification Board"</i>			<i>3 June, 2014</i>	3				
Results:										
<i>Additional Criteria</i> <i>If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Results Achieved by Q2, 2014</i>	Y1		Y2		Y3		<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>
	# Businesses	0	14	10		20		0		30

Table 9- Indicator OP21

INDICATOR TITLE: NUMBER OF AGENCIES ACTIVELY PARTICIPATING IN JOINT LEDS STEERING COMMITTEE AND WORKING GROUP MEETINGS (OP 21)										
<i>UNIT:</i>	<i>DISAGGREGATE BY: None</i>									
Number of Agencies	<i>Geographic Location</i>	<i>Event</i>			<i>Date</i>		<i>total</i>			
	<i>Tbilisi</i>	<i>LEDS working group meetings (Ministry of Energy was actively involved)</i>			<i>April-June, 2014</i>		<i>1</i>			
<i>Results:</i>										
<i>Additional Criteria If other criteria are important, add lines for setting targets and tracking</i>	Baseline	<i>Results Achieved by Q2, 2014</i>	Y1		Y2		Y3		End of Project	
		<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>
# Agencies	0	1	6		0		0		6	

IV. MONITORING

The EC-LEDS team has not yet undertaken monitoring activities, however in the last Quarter the PMP database was finalized with USAID and we have begun to enter data. The team prepared Data Quality Assessment Worksheets for USAID at their request.

V. PROJECT ADMINISTRATION

Constraints and Critical Issues

With the expected changes in the management of the municipalities resulting from local government elections held in June 2014, decisions on the COM process could change. Parliament has enacted new legislation separating Municipalities from the Cities. This may affect Component 1 work, as most of the COM signatories were Municipalities which included the Cities and the surrounding villages and settlements. Whether the City now remains as the COM signatory will depend on Georgian legislation. The law was enacted on June 15th immediately after the local elections, though the respective bylaws and normative acts will not be issued until September due to the fact that the Parliament is on leave until the end of August.

According to the new legislation, several new self-governing cities were identified and established. As indicated in the Year 1 work plan, we will provide technical assistance to only four municipalities for SEAP development in Year 1. The remaining six municipalities are to be assisted in Year 2 and they may change, depending on the detailed implementation of this legislation. We expect high interest in SEAPS by almost all local governments in the new self-governing cities. We plan to hold a second round of visits and interviews with local governments in Quarter 4, particularly for municipalities being considered for program assistance in Year 2. With these changes, EC-LEDS may need to revisit the evaluation criteria used to select municipalities to receive program support.

Personnel

A Low Emission Development Advisor, Mr. Kakha Kharchkhadze, began work on June 16, 2014. Under the umbrella of USAID's EC-LEDS Clean Energy Program, Mr. Karchkhadze will support planning and implementation of a LEDES in Georgia, and will be seconded to the Ministry of Environment. As a key member of the LEDES expert group team, the Advisor is responsible for supporting development and implementation of the Georgia LEDES Initiative (as described in the USG-GOG MOU and the GOG's LEDES Charter), with a view to promote an integrated and cohesive approach to LEDES. The Advisor will provide assistance and technical support to the Government of Georgia (GOG) in formulating and implementing a LEDES; build the capacity of GOG counterparts in designing, implementing, monitoring, and coordinating LEDES related programs in Georgia; and help the GOG to ensure that all LEDES-related activities implemented by GOG and international donors are integrated into a cohesive GOG LEDES program.

The team engaged consultant Mr. Mamuka Gvilava, a PEA expert who is expected to complete the PEA in Quarter 4.

Changes in the Project

There have been no changes in the project.

Cooperative Agreement Modifications and Amendments

On May 14, a budget realignment for the EC-LEDS project was fully executed. This realignment shifted funds from Component 2 to Component 3 and removed Dr. John Williams as Key Personnel.

Management of Component 2 also shifted from the Alliance to Save Energy to Winrock International.

On June 10th, the USAID Agreement Officer approved shifting the due date of the initial draft of the Year 2 work plan from August 1 to September 15, 2014 due to the difficulty in planning Component I activities until after the second round of elections planned for July.

VI. NEXT QUARTER'S WORK PLAN

Implementation is expected to follow the submitted work plan except for the following:

1. Postponement of SEAP Training
The municipality SEAP data workshop planned for April has been postponed to July and again to mid-September due to the impact of local elections.
2. Identification of SEO locations delayed
The identification of SEO locations has been delayed due to the changes in local government legislation that must be completed by Parliament in September.
3. MRV Approach and Plan for Tbilisi delayed
Development of the MRV plans to be incorporated into SEAPS has been delayed due to the fact that the COM Secretariat has not yet issued the guidelines.
4. The LEDS Champions for Change program will be launched in the second year of the program to support SEAP implementation.
5. Partial Grants program to support SEAP projects delayed
Identification of demonstration projects will be completed after the second round of local elections are held.
6. No DCA support provided, though other funding opportunities exist
Bankers' training focused on DCA could not begin as USAID has not developed a DCA.
7. Delays in completing Environmental Monitoring SS and PEA
Due to delays in submitting the SS to the BEO, revisions are still being made. Also, the PEA was delayed while awaiting BEO comments on the SS. The revised SS and the PEA will be submitted to USAID in Quarter 4.
8. Delay in finalizing a Georgia-specific rating and certification system and training/accrediting certifiers

Based on international experts' assessments and recommendations, existing international rating systems should be supported and a Georgia-specific rating system should be developed for existing buildings based on lessons learned from applying those systems. Therefore, the development of a Georgia-specific system will not be completed in the first year. Training will thus focus initially on the LEED and BREEAM rating systems.

Annexes

Annex I: Schedule of Planned Future Events

Component 1

A workshop for municipalities focused on SEAP development, implementation and monitoring was rescheduled for July 30, 31 and August 1st. Pending approval by USAID, due to the expected second round of elections, it will be rescheduled for September 17-19. The workshop will host the representatives of all ten SEAP municipalities supported by EC-LEDS

Component 2

EC-LEDS will take part in an International Conference entitled “Problems of Architecture and Town Planning Today” organized by Faculty of Architecture, Urbanism and Design at Georgian Technical University on July 11 and 12, 2014. The focus of the conference is on the relationship and collaboration of experts (Architects and Town Planners) with Government officials.

EC-LEDS will hold meetings with architects, developers, construction companies, academia, environment and EE NGOs, and with the Ministries of Economy and Environment during June and July. The purpose is to familiarize the private sector with the proposed GB building certification and professional accreditation system and the rating system and/or energy performance code(s) to be certified. Business forums will follow in Tbilisi and Batumi in September to share plans for supporting certification of green and energy efficient buildings, and to engage the private sector in certifying planned new construction projects and existing buildings as green buildings.

As the first step in increasing the professional skills and enlarging the pool of experts who can certify green buildings for existing rating systems (BREEAM and LEED), EC-LEDS will hold a train-the-trainer event the end of September.

Component 3

The draft energy BAU emissions projections will be reviewed with the MOEnergy in July. Later in the month, it is expected that the Ministry of Environment will call a meeting of the LEDS EWG to review the draft energy BAU, the data request for the LEDS sub-working groups (for data required by the MARKAL Georgia model), and the list of mitigation options to analyze using MARKAL Georgia. A second LEDS EWG meeting is expected in September, to review the updated energy BAU and the non-energy BAU projections, and to begin reviewing the mitigation options analysis, followed by a LEDS SC meeting later in the month.

Public Outreach

The EC-LEDS Clean Energy Program scheduled implementation of a pilot communications campaign in Tbilisi and Batumi for the period of June – September, 2014. The campaign began with participation in the Energy Week events in various SEAP municipalities in June.

The proposed upcoming events are listed in Table 3 below.

Table 10. Upcoming Events Quarter 4

Component	Event	Date/Location
Component 1	Workshop on SEAP Development and Monitoring	Sep-17,18,19-14 Batumi
Component 2	International Conference entitled “Problems of Architecture and Town Planning Today”	Jul-11,12-14 Tbilisi
Component 2	Meeting with stakeholders including Architects and Engineers, Developers, Construction companies.	Meetings during Jul-Aug 2014 in Tbilisi (and possibly Batumi)
Component 2	Training of Trainers for BREEAM and LEED	September 29 & 30, 2014 (Tbilisi)
Component 2	Business Forums to promote GB and Energy Performance Labeling building certifications	September, 2014 (Tbilisi and Batumi)
Component 3	LEDS Expert Working Group Meeting – Draft Energy BAU and non-energy emissions data request	July, 2014 or as agreed with MOE
Component 3	LEDS Expert Working Group Meeting – Final Energy and non-Energy BAU review; review of mitigation options to consider	September, 2014 or as agreed with MOE
Component 3	LEDS Expert Working Group Meeting – Final Energy and non-Energy BAU review; review of mitigation options to consider. Set goal for sectors based on BAUs.	September, 2014 or as agreed with MOE
Public Outreach	Launch of short-term Pilot Communications Campaign	June – Sept 2014 (Tbilisi and Batumi)
Public Outreach	Launch of National Communications Campaign	September, 2014

Annex II: Planned Deliverables and Products

Component 1

In the next quarter EC-LEDS will deliver the final SEAPs developed for Zugdidi, Kutaisi and Batumi, reports on rapid assessment of factors affecting Sustainable Energy Offices, assessment of Covenant of mayors MRV guidelines or development of an alternative MRV approach. EC-LEDS will prepare a detailed proposal for at least one priority project in a municipality. A report will also be prepared for the planned SEAP data workshop in September.

Component 2

For Component 2, EC-LEDS will submit the report on Choice of Rating and Certification System and Energy Performance labeling, short reports on all GB Working Group Meetings, a report on the Training of Trainers for BREEAM and LEED, and a report on the Business Forums to promote certification of Green Buildings.

Component 3

EC-LEDS will assist with preparing minutes of all LEDS Steering Committee, Expert Working Group, and Sub-Working Group meetings. An outline of the final LEDS report will be prepared.

Communications and Outreach

As part of the EC-LEDS outreach activities, the program will produce media monitoring reports for the upcoming pilot communications campaign to be implemented in Tbilisi and Batumi. A series of printed materials as collaterals to events, including brochures on GB, energy efficiency and SEAP awareness, will be prepared.

Environmental Monitoring

The EC-LEDS Scoping Statement Report will be finalized, a PEA Stakeholder Meeting Report will be prepared in July, 2014, and the EC-LEDS Programmatic Environmental Assessment Report will be completed by September, 2014.

Table4 summarizes the deliverables and other documents to be submitted to USAID during the fourth quarter of the program.

Table II. Quarter 4 Planned Deliverables and Documents

Component	Title/Description	Date to be submitted to USAID
all	EC-LEDS Quarterly Progress Report Jul-Sep 2014	October 10, 2014
all	EC-LEDS Work Plan and PMP Year 2	First draft September 15, 2014
Public Outreach	Media Coverage Reports	According to event dates
Component 1	Training Report on SEAP Development and Monitoring	October 2014
Component 1	First version of MUNI-EIPMP tool	Demo version completed September 30, 2014
Component 1	SEAP developed for Zugdidi Municipality	August 15, 2014
Component 1	SEAP developed for Batumi Municipality	Sep-30-14
Component 1	Mitigation project proposal developed for one Municipality	September 30 2014
Component 1	Report on rapid assessment of factors affecting Sustainable Energy Offices (SEOs) established in EU cities to apply lessons learned. Identified list of potential locations for the establishment of SEOs in Georgia	Sep-30-14
Component 1	Report on assessment of Covenant of Mayors MRV guidelines and necessity for modification	(depending on the date of Covenant guidelines)
Component 1	Report on MRV approach to be submitted to the EU, if COM MRV guidelines are not issued	Sep-30-14
Component 2	Short reports on conducted meetings of the Green Building Certification Working Group and their recommendations.	According to meeting dates
Component 2	Recommendations on expected support for GB rating and certification system and energy performance labeling programs in Georgia	August 2014
Component 2	Train the Trainers training report	September 2014
Component 3	Minutes of LEDS Expert WG Meeting #2	August, 2014 or as agreed with MOE
Component 3	Minutes of LEDS Expert WG Meeting #3	October 2014 or as agreed with MOE
Component 3	Minutes of LEDS SC Meeting in September	October 2014 or as agreed with MOE
Environmental Compliance	EC-LEDS Scoping Statement Report (final version)	August 2014
Environmental Compliance	PEA Stakeholder Meeting Report	August 2014
Environmental Compliance	Draft EC-LEDS Programmatic Environmental Assessment Report	August 2014
Monitoring and Evaluation Activities	Report on the Baseline Survey Findings	August 2014