

EC-LEDS produced a flyer about solar energy for Kutasi CBSM launch.



THE FIRST SOLAR TREE WILL BE INTRODUCED IN KUTAISI

In 2011 the Municipality of Kutaisi signed the Covenant of Mayors and joined this initiative, which aims to reduce greenhouse gas emissions by at least 20% by 2020 - a goal that should be achieved in parallel with the city's social and economic development.

As part of EC-LEDS Community-Based Social Marketing Campaign (CBSM), the project supports Kutaisi City Hall in installation of daisy-shaped "Solar Tree" to raise awareness of the population in Kutaisi about Energy Efficiency (EE) and Renewable Energy (RE) technologies among the population of Kutaisi, the benefits of solar energy, and Global Climate Change challenges and threats.



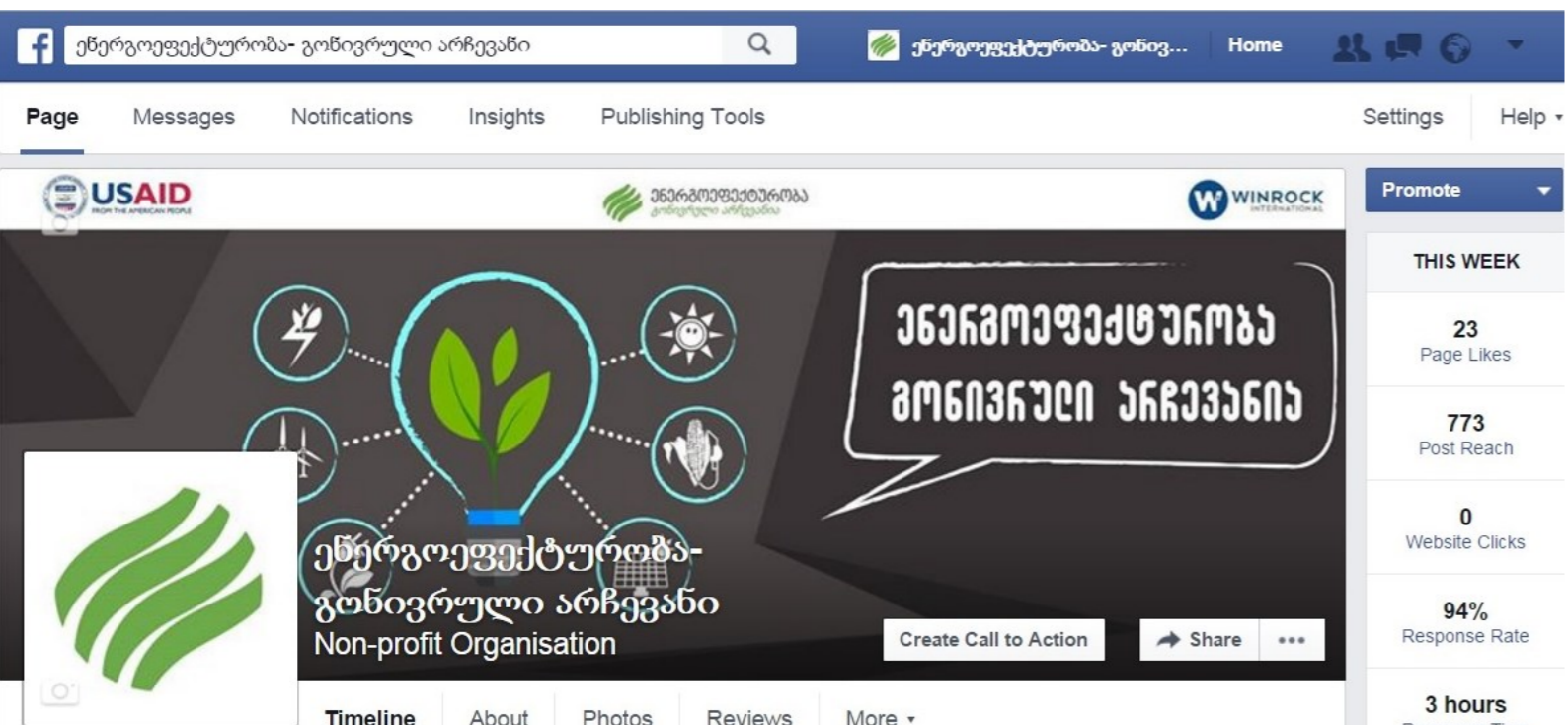
The general principle of operation is as follows: solar panels convert solar energy into the electric energy, which is supplied to accumulator through the charging controller, where the energy is accumulated.

Visitors of the park will be able to charge 30 devices simultaneously and 50 cell phones per 24 hours around a 5-meter high "daisy".

Presentation of the Solar Tree will take place in Kutaisi in the last week of June.

ENERGY EFFICIENCY IS A SMART CHOICE

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EC-LEDS SOCIAL ADVERTISING

EC-LEDS produced two new public service announcements (PSA). The 30-second long films explain how to save energy in everyday life using simple tips. PSAs were aired on IMEDI TV and Channel I as a social advertisement.



Can we reduce energy consumption by using energy efficient bulbs? Do we save energy when a TV set is on standby mode? Can packaging tape save energy when fixed on both sides of cracked glass? What consumes the most electricity in a home? In order to reduce thermal energy consumption is it necessary to ensure the impermeability of doors and windows? Can the label on an electric appliance show its energy efficiency? These questions were put to students of Mtskheta and Rustavi municipality schools.

EC-LEDS empowers youth through training on energy efficiency and renewable energy technologies to involve youth in climate change mitigation activities. The students were selected from the Momavlis Taoba (Future Generation) Program in collaboration with PH International.

Momavlis Taoba is funded by the United States Agency for International Development (USAID) and implemented by PH International in Georgia. It is supported by the Ministry of Education and Science of Georgia (MES).

Dean of Energy and Telecommunications Faculty at Georgian Technical University, Professor Gia Arabidze delivered a presentation “How to Save Energy” to the students from the city of Rustavi, Sakramuli, Nichbisi and Sioni villages. The seminar was followed by a contest “Energy Efficiency Is A Smart Choice” to demonstrate the EE skills acquired at the seminar. The **EC-LEDS** Chief of Party, Inga Pkhaladze and Professor Arabidze awarded the winners with medals and distributed participation certificates and **EC-LEDS** branded T-shirts and caps to all students.



LOW EMISSION DEVELOPMENT STRATEGY (LEDS) PROCESS

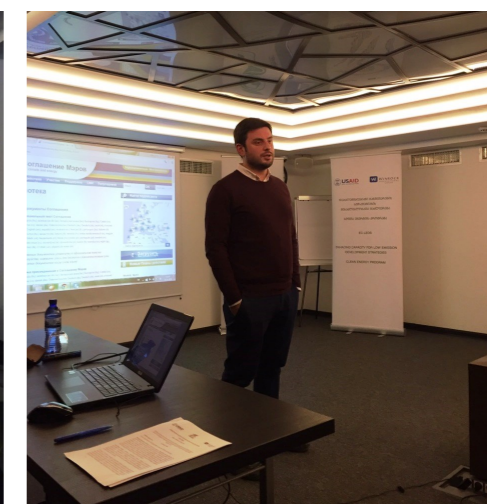
In April and May **EC-LEDS** organized the meetings of the LEDS Transport, Energy, Industry and Buildings Sub-Working Groups. The meetings were attended by the stakeholders and experts from relevant governmental, private and non-governmental organizations and USAID. During the meetings, **EC-LEDS** provided comprehensive information and analyses of the relevant sectors, as well as projections and mitigation options to be reflected in MARKAL Georgia, which was revised and updated by **EC-LEDS** project based on its latest data, research and findings. In addition, **EC-LEDS** arranged a series of working meetings with the stakeholders including top managers of the Ministry of Economy and Sustainable Development, and Climate Change Office at the Ministry of Environment and Natural Resources Protection.

EC-LEDS developed comprehensive overview reports for four sectors - Transport, Energy, Industry and Buildings, which include the patterns of energy consumption and emission, trend analysis and identification of barriers within each sector for implementing energy efficiency and renewable energy measures. MARKAL-Georgia is being used to perform mitigation analysis of selected mitigation measures in these sectors.

In spring 2016 **EC-LEDS** was actively involved in international seminars and conferences. The project participated in Georgia's First Biennial Update Report (FBUR) to the UNFCCC managed by UNDP and provided information on emissions and mitigation measures related to Energy and Transport sectors.

SUSTAINABLE ENERGY ACTION PLAN (SEAP) PROCESS

- ◆ SEAP for Bolnisi Municipality finalized including Monitoring, Reporting and Verification (MRV) plan and communication strategy
- ◆ The first draft chapters of Telavi SEAP on transport, building, waste, street lighting and greening sectors developed
- ◆ The first draft Communication Strategy for Telavi SEAP finalized
- ◆ Meetings held with Mtskheta Municipality concerning the methodology of working on SEAP documents, possible barriers and solutions



WORKSHOP ON SUSTAINABLE ENERGY ACTION PLAN (SEAP) MONITORING

Representatives from Tbilisi, Telavi, Bolnisi, Gori, Kutaisi, Akhaltsikhe, Mtskheta and Rustavi municipalities were invited to the workshop held by **EC-LEDS** in March. The subject of the workshop was “Monitoring of SEAPs Implementation. Case Study: Preparation of Tbilisi City SEAP Implementation Report for the Period 2010-2014”.

During the workshop, representatives of the municipalities and **EC-LEDS** experts exchanged knowledge and experience on the SEAP monitoring process - who, when and how has to monitor SEAP implementation and produce relevant reports.

The objective of the workshop was to inform and increase knowledge of representatives of Covenant of Mayors signatory cities and municipalities on objectives, methodologies,

timing and human resources, as well as the institutional arrangement for the effective monitoring of their SEAPs and development of respective monitoring reports.

By the end of the training three working groups of trainees were established for preparation and reporting of monitoring plans for different types of measures such as: organizing public bus lanes and optimization of public transport routes; co-financing of energy efficiency measures in projects implemented by households' associations; improving energy-efficiency of Rabati Castle lighting system. Each group presented the results of their individual practical exercise followed by group discussions.