

GEORGIA

Population – 3.7 millions of inhabitants.

GDP – 14.333 billion USD (2016).

Georgia's economic development, especially of its industrial sector, relies heavily on the exploitation of the country's natural resources and ecosystems. Air emissions and pollution of surface water, groundwater and soil remain important issues in regions where manufacturing and mining enterprises are located. The energy and resource intensity of the Georgian economy is high.

The Georgian government has attached a high importance to the transition towards a green economy by developing a Green Growth Policy Paper, joining the OECD Green Growth Declaration (2016) and committing to develop a comprehensive Green Growth Strategy.

The EaP GREEN program, and its Resource Efficient and Cleaner Production Demonstration Component implemented by UNIDO, provided a significant support to Georgia to make the first steps towards transitioning to a green economy. The RECP project demonstrated practical ways for improving the resource productivity, reducing the environmental impact and achieving economic benefits in Georgian industrial enterprises. The newly established Georgian Green Economy Center will continue promoting the application of RECP practices in Georgian companies.

MILESTONES

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| 2014 | Bilingual project webpage launched. First training of national experts and RECP assessments. Tbilisi awareness raising event & meeting with business sector in the Kakheti. |
| 2015 | First National RECP Conference & Roundtable on RECP financing. First set of success stories from demonstration companies. RECP Clubs established in Rustavi and the Kakheti region. First edition of the RECP Primer published and RECP forums launched. Second round of trainings for national experts and RECP assessments. |
| 2016 | RECP Clubs established in the Kutaisi and Kaspi municipalities. Second set of business cases and success stories from the demonstration companies prepared. |
| 2017 | Final National RECP Conference and second Roundtable on RECP financing. Second edition of the RECP primer and clubs program published; Georgian Green Economy Center established. |





RECP ASSESSMENTS

Fifty SMEs from food processing, chemicals and construction materials sectors were engaged in the project, 18 of which participated in the RECP assessments conducted by local experts trained in the RECP methodology. In addition to the RECP assessments, the techno-economic, environmental and financial analysis of selected RECP technologies were carried out and pilot project proposals prepared for 15 companies.

In less than one year after the assessments the companies altogether had already invested 226 670 EUR in low cost RECP measures, leading to 293 541 EUR in annual savings. These investments will continue benefiting the companies in the following years.



18
experts
trained

18
COMPANIES
ASSESSED



285

RECP options identified
in the demonstration
and RECP Club member
companies with potential
annual savings in



25 400
MWh



2 000
t



136 000
m³



1 000 000
EUR



4 115
t CO₂-eq.



584
t



47 000
m³



RECP CLUBS

The project supported the establishment of RECP Clubs in the Rustavi, Kutaisi and Kaspi municipalities and the Kakheti region involving 32 companies. The RECP Clubs brought together local enterprises and took them jointly through an intensive training and coaching program, leading to a customized RECP action plan for all member companies upon completion of the clubs. Municipal governments played a key role in the identification and engagement of local SMEs in the clubs. They also hosted a number of meetings and trainings organised in the framework of the clubs program.

To enhance SME's access to finance to support investments in clean technologies and RECP measures, the project, with support from the Development Bank of Austria:

- organized two national roundtables to bridge the gap between companies and financial institutions for RECP financing;
- undertook a study on opportunities and barriers for green investments in Georgia;
- developed pilot RECP proposals for 15 SMEs and initiated a dialogue between local banks and the companies to mobilize funds for implementation of the RECP projects; and
- organized a training for local experts on financial analysis of investment project scenarios using the specialized software COMFAR.

32 companies participated in RECP Clubs



Results of implemented RECP options at the Clubs member companies (annual savings and environmental benefits)

Sector	Benefit, EUR	Energy, kWh	Materials, t	Water, m ³	Emissions, t CO ₂ -eq.	Wastes, t	Waste water, m ³
Food	56 169	552 869	302	29 001	102	3	28 880
Chemicals	28 414	142 500	10	2 075	20	7	575
Construction materials	37 319	328 818	250	1 577	50	222	977
Total	121 902	1 024 187	562	32 653	172	232	30 432



EaPGREEN
Partnership for Environment and Growth



Eighteen national experts were trained in the RECP methodology and applied the gained knowledge to provide services to 50 SMEs throughout Georgia. Experts received further training using a set of monitoring equipment made available for the project to allow more precise measurements. RECP technology pocket guides for the dairy, chemicals and construction materials sectors were developed and translated into the Georgian language.

Twelve events were organized in Tbilisi and other cities to increase awareness on RECP. RECP forums, two national conferences, specialized roundtables, consultative dialogues and meetings with business people gathered 516 representatives, including 228 women, from the business sector, central and local governments, NGOs, academia.

516
PARTICIPANTS

12
awareness
raising
events

44%
women



13 publications
on RECP



7 articles in
periodicals

www.recp.ge

www.green-economies-eap.org

15 TV spots on project activities
broadcasted by national and
regional TV companies

