



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 609532.



ener2i Innovation Voucher Georgia 2015

IV_GE_2015_39 Solar Energy Parabolic Steam Generator

Objective

The main objective of the project is to launch a serial production of small power (1-5 kW) concentrated solar energy parabolic steam generators at the facilities of the company.

Expected outcomes

- Production of prototype model, develop by engineers from the company's design department and professors from GTU. Currently preparation of design drawings of solar tracking and automated management systems is ongoing.
- Reducing temperature of solar panels. Temperature of water heated by of solar panels that are commonly used in Georgia is approximately 40-50 C°. Therefore the use of such panels can lower the consumption. This innovation will significantly increase area of usage of solar energy.
- Developing technical passport of steam generator, promoting activities and launching the product into Georgian market.

Company description

'New Technology Center' LLC represents a corporate rebranding of 'Wood Service' LTD founded in 1999 in Tbilisi, Georgia. Rebranding started in 2014 and will be complete in 2015. 'New Technology Center' LLC maintains a leading position on Caucasus market of sustainable architecture, engineering, supervision and project management, as well as construction services for all types of residential, commercial, public or industrial building projects.

Research Partner

Georgian Technical University - Faculty of Architecture, Urban Planning & design;

Company contact data

Address: Aghmashenebeli alley, 15th km. Tbilisi, Georgia

E-mail: apapava@ntc.ge

Contact person: Mr. Archil Papava