



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 Georgia2015

IV_GE_2015_33 Energy Saver Hybrid-drying Apparatus of Foodstuff

Objective

The main objectives of the project are

- Developing a mobile and operated ecologically clean, energy saver drying apparatus;
- Developing and testing of 2 prototypes
- Testing of drying apparatus with solar energy without decreasing performance of drying process

Expected outcomes

- Examination of technical characteristic and testing of drying methods.
- Carrying out research on drying innovation hybrid technology with infrared beams.
- Modification of infrared thermo films and convectional spread of hot air, warmed by solar energy.
- Production of drying device, implementing new and innovative technologies, leading to a mass production
- Integration of feedback and lessons learned to the non-stopping research process.

Company description

“GERKY” LTD was founded in 2015. Employees are specialists with higher technical education and experience on enterprise activity. One of the aims of the company is to introduce innovative technologies particularly in agricultural development. The company works on creation of energy savers, hybrid-drying apparatus of foodstuff.

Research Partner

Georgian Technical University - Faculty of Mechanical Engineering Manufacture Technology.

Company contact data

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