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ener2i Innovation Voucher Georgia2015

IV_GE_2015_24 Integrated innovative solution of the problems of energy efficiency at construction and repairing of the buildings, with the use of environmentally pure insulating means based on local raw materials.

Objective

The main objective of the project is to work on the innovative proposal, technical and economic justification and business plan for plant construction for building materials from clay shale and basalt fiber. The clay-shale, which occurs only in the Durudji riverbed (Eastern Georgia) exceeds 30 million m³. According to preliminary studies from these raw materials, 12 kinds of heat and soundproof building materials or their ingredients for export can be produced.

Expected outcomes

- Systematization of preliminary studies data and their distribution; as well as the analysis of research results brought from Ukraine;
- Formation of ToR and of technical passport of innovative proposal;
- Development of the technical-economic ground;
- Creation of a business plan;

Company description

LTD "Imedi" was established in 2013. The company is engaged in consulting implementation of innovative building materials that enhance energy efficiency. Currently, the company is working on commercialization of part of its intellectual property in the area of Renewable Energy sources. The company has developed several new technologies for production of construction materials from clay shale and basalt rock.

Research Partner

- SRO 'Nanodugabi' - Georgian Technical University;
- Association 'European Studies for Innovative Development of Georgia';
- SRI Constriction Materials;
- Research Institute Glass-plastics and Fiber.

Company contact data

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