



Programme title and acronym:

Sustainable and Innovative construction of smart buildings – TIGR4smart

Priority area of Smart Specialization Strategy: Smart buildings and homes, including wood

Total programme value: 9,184,425.00 EUR

Programme is co-financed by the European Union, i.e. the European Found for Regional Development and Republic of Slovenia, Ministry of Education, Science and Sport under the Operational Programme for Implementing European Cohesion Policy 2014-2020. Public financing (EU and SLO participation) is 5,913,345.12 EUR.

List of partners:

- TRIMO d.o.o.
- L-TEK d.o.o.
- COSYLAB d.d.
- HIDRIA ROTOMATIKA d.o.o.
- INTRA LIGHTING d.o.o.
- JELOVICA HIŠE d.o.o.
- JUB d.o.o.
- KNAUF Insulation d.o.o.
- M SORA d.d.
- NELA razvojni center d.o.o.
- REM d.o.o.
- University of Ljubljana, Biotechnical Faculty
- University of Ljubljana, Faculty of Electrical Engineering
- University of Ljubljana, Faculty of Civil and Geodetic Engineering
- University of Ljubljana, Faculty of Mechanical Engineering
- Slovenian National Building and Civil Engineering Institute

Period of implementation: 1. 9. 2016 – 28. 2. 2019

Description of the programme:

The aim of the program is to develop products and technologies for the creation of a healthy living and working internal environment by combining research and development potential of enterprises and research organizations.

Technologies and products that will be developed are classified into three product groups:

- wooden building systems,
- intelligent controllers and smart building blocks and building management,
- products for façade cladding.

Products will be integrated into a demonstration modular living unit called TIGR4smart.

Programme results:

- 20 innovations and 3 patent applications,
- 20% increase of private investment in R&D,
- technical guidelines for at least 4 technological solutions,
- new investments (10% of programme value),
- 18 product prototypes and 1 demonstration modular living unit,
- 8 scientific articles or presentations at conferences,
- 11 workshops between partners of the program,
- 5 new project applications.