

The National Research Programme
“Innovative Materials and Smart Technologies for Environmental Safety”
Member of the Scientific Committee
Gintaris Kaklauskas

Assessment for the Period 2014 - 2017

The National Research Programme “Innovative Materials and Smart Technologies for Environmental Safety” (IMATEH) is aimed at contributing to the creation of world class knowledge base, which would be enough for innovation-based economic development involving innovative materials, smart technologies and safe living environment(for the community).

This programme has practical orientation and involves six projects, which contribute to the important sectors of Latvian economy. The planned tasks are completed and the main results obtained in the period 01.11.2014.-31.12.2017.

In the framework of this programme innovative materials, technologies, recommendation and guidelines have been developed in order to build higher safety level of living environments and to raise competency of the scientists in this area as well as to improve normative acts and standards.

Amount of economic performance indicators of private co-funding have reach 1 197000 EUR, the meantime were signed agreements for 9 scientific project realization to the NRP objectives with total income 3 215446 - this all shows that the entire programme demonstrate the potential of Latvian scientists.

The programme facilitates development of the sector, the field of research and integration of knowledge. The results of the programme have a positive impact on the involvement of programme executors in 6 international cooperation projects, submission of several Horizon 2020 project applications.

The programme progress were according to plan, some of the project deliverables for the period have been described and published in clear and in measurable way and the obtained results in 80 full length scientific papers have been published in internationally well-recognized journals (well-established internationally refereed journals).

The new technologies, methods, prototypes, have been elaborated and approbated in enterprises.

From all new involved researchers 55 master's thesis and 46 bachelor's theses have been defended, however only 5 doctoral theses were defended during the programme- it is more than planned.

During the programme IMATEH a new study programme for Masters "Innovative Road and ridge engineering" are established, between Vilnius Gediminas Technical University and Riga Technical University has been licensed. The program provides 1.5 years of training.

The project leaders from various institutes of Riga Technical University (RTU) have demonstrated their scientific knowledge, skills and capacity to support and implement the programme objectives. The National Research Programme “Innovative Materials and Smart Technologies for Environmental Safety” (IMATEH), progress and enclosed reports present the situation that is going according to the stated goals and tasks of the plan.

6.01.2018.


Gintaris Kaklauskas