

INCREASING THE INSTITUTIONAL PERFORMANCE OF THE POLITEHNICA UNIVERSITY TIMIȘOARA BY STRENGTHENING THE R & D AND TECHNOLOGICAL TRANSFER CAPACITY IN THE FIELD OF “ENERGY, ENVIRONMENT AND CLIMATE CHANGE”

Goal of the project

The overall objective of the PERFORM-TECH-UPT project is to increase the institutional performance of the Politehnica University Timisoara (UPT), by developing the R & D capacity of the Research Institute for Renewable Energy, a structure of UPT, by expanding and consolidating its activities in the field of intelligent specialization Energy, Environment and Climate Change, to serve the innovation requirements of economic operators from Romania West Development Region, respectively by intensifying the collaboration and visibility at national and international level.

Short description of the project

The PERFORM-TECH-UTP project is dedicated to the institutional development of UPT through targeted activities on human resources, research and development infrastructure and international visibility.

Project implemented by

Politehnica University Timișoara

Implementation period

October 16th, 2018 – December 10th, 2020 (26 months)



Main activities

- Project management and coordination
- Acquisition of significant R&D equipment and services
- Financial support for attending prestigious international conferences
- Stimulate the publication of articles in WOS indexed journal, located in the Q1
- Stimulation of the doctoral research activity of the last year of internship for the successful completion of the experimental part of the thesis
- Identifying funding opportunities for research and the development of successful applications
- Development of a portfolio of new products / technologies / methods / systems / services or significantly improved
- Selection of postdoctoral researchers in the field of the project
- Integration and testing of purchased equipment within research centers / laboratories
- Creating the site www.research.at.upt.ro

Results

- Ensuring an efficient project management
- Hiring 3 scientific researchers
- Supporting participation in over 15 international prestigious conferences
- Publication of 5 articles in ISI journals indexed in the first 2 quartiles
- Development of www.research.upt.ro web page
- Financing of 2 doctoral internships
- Ensuring access to various databases and archives (MathSciNet, WoS, Scopus etc.)
- Testing and integrating the equipment purchased in the first 2 stages
- Improving RDI infrastructure
- Acquisition of specific maintenance and repair services for equipment / devices, respectively for repairs and arrangement of university spaces

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Research centre

1. Research Institute for Renewable Energy
2. Research Centre for Smart Energy Conversion and Storage
3. Research Centre for Mechanics of Materials and Structural Safety
4. Research Centre for Processing and Characterization of Advanced Materials
5. "Ștefan Nădăsan" Research Laboratory for Strength, Integrity and Durability of materials, structures and conductors.

Research team

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