LATVIJAS UNIVERSITĀTE ANNO 1919
NACIONĀLAIS ATTĪSTĪBAS PLĀNS 2020
EIROPAS SAVIENĪBA
Eiropas Reģionālās attīstības fonds
IEGULDĪJUMS TAVĀ NĀKOTNĒ

Dissemination/Communication Plan

Project title: "Environmental effects on physical properties of smart composites and FRP modified by carbonaceous nanofillers for structural applications".

Project No. 1.1.1.2/VIAA/1/16/066.

Period concerning the plan: 01.01.2018-31.12.2020.

Activity 1.1.1.2 "Post-doctoral Research Aid" of the Specific Aid Objective 1.1.1 "To increase the research and innovative capacity of scientific institutions of Latvia and the ability to attract external financing, investing in human resources and infrastructure" of the Operational Programme "Growth and Employment".

Summary

The plan concerning different dissemination/communication activities during three years of the project implementation is given.

Scientific results are proposed to be disseminated in well-recognized bi-annual international conferences, such as *European Conference on Composite Materials* (*ECCM*) and *International Conference on Composite Materials* (*ICCM*). Self-archiving of the main project results is planned within subject-based open-access repositories, such as *ResearchGate* and *Zenodo*. Two scientific publications in Q1-Q2 SCI journals and two popular scientific publications in popular scientific Latvian journals are foreseen. All data files obtained within the project are to be stored in central database, e.g. *Dropbox*. For wide audience the information will be regularly provided on professional *Facebook* profile of the post-doctorate Dr. Sc. Ing. T. Glaskova-Kuzmina.

1. Objectives

- Dissemination of results;
- Communication;
- Knowledge and data management and protection.

2. Work planned for each year

2018

T4.1. Dissemination of results

- 4 quarter press releases in the website of UL;
- Poster with project information on the working place of post-doctorate;
- 1 report at well-recognized international conference with oral/poster presentations (e.g. *ECCM18*, 2018);
- Self-archiving of project results (posters, papers and annual reports) in subject-based repositories (e.g. *ResearchGate*, *Zenodo)*;
- Development and regular updating of professional *Facebook* profile for the dissemination of project results to wide audience.

T4.2. Communication

- Attendance of local seminars, conferences, and other public events (e.g. *Researchers' night*, *Scientific café*);
- 3 mobilities to collaboration partner Institute for Polymers, Composites and Biomaterials (IPCB), CNR (Portici, Italy) for the preparation of 1 set of NC samples with different single and hybrid nanofillers at different filler content to find electrical percolation threshold, and 1 set of NC samples at electrical percolation, preparation of IPR strategy (D1.3) and report assessing the most optimal processing route based on SWOT analysis (D2.2),

T4.3. Knowledge and data management and protection

- Transfer of all generated data to the central database (e.g. *Dropbox*), and its preservation for at least five years after completion of the project providing

access to scientific supervisor from UL Dr. Sc. Ing. Andrey Aniskevich and representative person of IPCB Dr. Sc. Ing. Mauro Zarrelli.

2019

T4.1. Dissemination of results

- 4 quarter press releases in the website of UL;
- Submission of 1 scientific publication to peer-reviewed scientific journals (ensuring green open access) with SCI higher than app. 1.15 (Material science, multidisciplinary) and included in the SCOPUS (A or B) databases (e.g. *Materials&Design*, IF 4.5, 2017 or *Composites. Part A*, IF 4.5, 2017);
- 1 report at well-recognized international conference with oral/poster presentations (e.g. *ICCM22*, 2019);
- Self-archiving of project results (posters, papers and annual reports) in subject-based repositories (e.g. *ResearchGate*, *Zenodo)*;
- Regular updating of professional *Facebook* profile for the dissemination of project results to wide audience.

T4.2. Communication

- Attendance of local seminars, conferences, and other public events (e.g. *Researchers' night*, *Scientific café*).
- 1 mobility to IPCB (Portici, Italy) for the development of NC samples and smart FRP plate, discussion and preparation for conference report (D3.2) and scientific paper (D3.3) on physical properties of the NC.

T4.3. Knowledge and data management and protection

- Transfer of all generated data to the central database (e.g. *Dropbox*), and its preservation for at least five years after completion of the project providing access to scientific supervisor from UL Dr. Sc. Ing. Andrey Aniskevich and representative person of IPCB Dr. Sc. Ing. Mauro Zarrelli.

2020

T4.1. Dissemination of results

- 4 quarter press releases in the website of UL;
- Submission of 1 scientific publication to peer-reviewed scientific journals (ensuring green open access) with SCI higher than app. 1.15 (Material science, multidisciplinary) and included in the SCOPUS (A or B) databases (e.g. *Nanomaterials*, IF 3.5, 2017 or *Composites Science and Technology*, IF 5.2, 2017);
- 1 report at well-recognized international conference with oral/poster presentations (e.g. *ECCM19*, 2020);
- Self-archiving of project results (posters, papers and annual reports) in subject-based repository (e.g. *ResearchGate, Zenodo)*;
- Submission of 2 popular scientific papers in Latvian popular scientific press (e.g. newsletters, and press releases in *Ilustrētā zinātne* and *Terra 2.0*).

- Development and regular updating of professional *Facebook* profile for the dissemination of project results to wide audience.

T4.2. Communication

- Attendance/participation in local seminars, conferences, and other public events (e.g. *Researchers' night*, *Scientific café*), posters display and leaflet distributions;
- 1 mobility to IPCB (Portici, Italy) for the discussion and preparation of scientific paper (D3.5) on environmental effects on the behaviour of the NC and FRP.

T4.3. Knowledge and data management and protection

- Transfer of all generated data to the central database (e.g. *Dropbox*), and its preservation for at least five years after completion of the project providing access to scientific supervisor from UL Dr. Sc. Ing. Andrey Aniskevich and representative person of IPCB Dr. Sc. Ing. Mauro Zarrelli.

3. Planned scientific results

Scientific publications – at least 2 publications in Q1-Q2 SCI journals;

Presentations at international conferences – at least 2 reports;

Popular scientific publications – 2;

Mobilities to IPCB (Portici, Italy) – at least 5.

4. Deviations from the working plan

Positive deviations from the working plan of dissemination/communication are possible. It is expected that the number of conference presentations and submitted/published scientific papers written in project proposal (2 presentations and 2 scientific papers) will be higher maximizing the impact of the project.

5. Corrective actions

In the case of appropriateness and need, inclusion of all additional and relevant dissemination/communication activities within the project implementation and adding them to project work will be done improving the visibility of project results.

6. Deliverables and Milestones

D4.1 Dissemination/communication plan and annual dissemination/communication report (M12, M24, M36).