

Results of the 5th quarter of the post-doc research project No. 1.1.1.2/VIAA/4/20/604 "START: Decision Support Tool for Decarbonisation Assessment of DistRicT Heating" project (01.01.2022 - 31.03.2022):



1. The SD model was validated using structural validation tests (e.g. the reasonability of the equations and model's behaviour under extreme conditions) and behavioural validation tests (e.g. comparison of the key variable results to the historical data) according to the plan of the postdoc project (D1.4).
2. The research article "A Comparison of Multi-Criteria Decision Analysis Methods for Sustainability Assessment of District Heating Systems" has recently been published in the MDPI journal *Energies* (2022, 15(7), 2411; <https://doi.org/10.3390/en15072411>) as part of the Special Issue "Sustainability Transformations in the Energy, Water and Agri-Food Sectors".
3. Competence enhancing measures were performed – started "System Dynamics" course in the University of Bergen, Norway.
4. Networking activities were carried out in search of potential cooperation partners for the development of joint scientific articles and project applications: implemented virtual mobility visit to Tallinn University of Technology (TalTech), School of Engineering, Department of Energy Technology.
5. Dissemination and communication activities of the project have been carried out - information about the project implementation has been posted on the [websites of the University of Latvia](#), and [Computational System Biology Group](#) , as well as on researcher's profiles on [ResearchGate](#) and [LinkedIn](#).

The START project is funded under the European Regional Development Fund Specific Objective 1.1.1 "Improve research and innovation capacity and the ability of Latvian research institutions to attract external funding, by investing in human capital and infrastructure" 1.1.1.2. measure "Post-doctoral Research Aid". Project application selection round No.4. Project No. 1.1.1.2/VIAA/4/20/604.