

Results of the 10th 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 (01.04.2023 - 30.06.2023):



1. The scientific article "Impacts of global warming and building renovation on the heating energy demand and district heating capacity: Case of the city of Riga" written by Jelena Ziemele, Stanislavs Gendelis and Elina Dace, was published in the the journal Energy (Publisher: Elsevier, ISSN: 0360-5442, E-ISSN: 1873-6785, Impact Factor 8.857, CiteScore 14.9, <https://doi.org/10.1016/j.energy.2023.127567>). The article is available on the SCOPUS database: <https://doi.org/10.1016/j.energy.2023.127567>
2. The scientific article "Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries" written by Jelena Ziemele, Anna Volkova, Eduard Latšovs, Lina Murauskaitė, Vytautas Džiuvė was published in the journal Energy (Publisher: Elsevier, ISSN: 0360-5442, E-ISSN: 1873-6785, Impact Factor 8.857, CiteScore 14.9, <https://doi.org/10.1016/j.energy.2023.128132>). The article is available on the SCOPUS database: <https://doi.org/10.1016/j.energy.2023.128132>
3. The scientific article "Coupling system dynamics model and multi-criteria analysis for a sustainability assessment of a district heating system's development" written by Janis Edmunds Daugavietis and Jelena Ziemele was presented during the 36th International Conference of efficiency, cost, optimization, simulation, and environmental impact of energy systems. The article is included in the "Proceeding of ECOS 2023" and will be published in the SCOPUS database.
4. Discussion with researchers from the London South Bank University (LSBU), Department for Energy Security and Net Zero during the short-term visit on May 30 – June 2, 2023, about joint research "Potential of treated wastewater as an energy source for district heating: a multi-factorial comparative assessment for the cities of London and Riga" and possibility to participate in the Horizon Europe programme "Climate, Energy and Mobility".
5. The annual report on dissemination, communication, mobility and training activities, and progress and risk monitoring (January - June 2023) was prepared.

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