Results of the 9th quarter of the post-doc research project No. 1.1.1.2/VIAA/4/20/604 "START: Decision **S**upport **T**ool for Decarbonisation **A**ssessment of Dist**R**ic**T** Heating" project (01.01.2023 - 31.03.2023):

1. Simulations of the hybrid SD-LCCA-MCA model were performed. The obtained results were used to determine and analyse the most sustainable medium- and long-term scenarios. The results of the analysis are presented in the report "Ranked list of DH system development scenarios (D3.3)".

2. Virtual participation in the conference "7th Edition of Global Energy Meet" on March 6-10, 2023 (Boston, USA) with the presentation "A sustainability assessment of a district heating system's development pathways: A hybrid model of system dynamics and multi-criteria analysis".

3. Research mobility at the School of Engineering of London South Bank University (LSBU, United Kingdom) from February 12 to 22, 2023. During the visit, solutions related to the use of waste heat in the DH supply system, as well as the impact of the DH performance on the city's decarbonization policy, were discussed.

4. Submission of an article "Coupling system dynamics model and multi-criteria analysis for a sustainability assessment of a district heating system's development" together with co-author Janis Edmunds Daugavietis for the conference "The 36th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems" on June 25-30, 2023, in Spain.

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