



Bergen, 24 January, 2023

To whom it may concern,

*Statement about Riga Technical University's participation in the EU project Systems analysis MOOCs for sustainability transformation (SYSSUS) (01.09.2020.-31.08.2023.)*

Riga Technical University (RTU) participates as one of six partners in the Systems analysis MOOCs for sustainability transformation (SYSSUS) project, financed as an Erasmus+ Strategic Partnerships project. The project started in September 2020 and ends in August 2023. The total budget is 409 548 euros.

The project contributes to the modernization of higher education and addresses many of the Erasmus+ priorities: opportunities for all (massive open online courses (MOOCs) supporting critical thinking); social inclusion (encourage discussions with students around the world); shared values (reasons based on good European values); environmental and climate goals (sustainability transformation); innovative practices in the digital age (free access to interactive learning environments to practice acquired knowledge); and skill transparency (models highlighting cause and effect structures facilitate learning from experiences in related fields).

The goal is to create a set of MOOCs that will enable comprehensive model-based education related to sustainability transformation. RTU is in charge of the particularly important topic of energy efficiency.

Stella Architect is used to produce animations, simulation models, and simulators that students can interact with to learn from practice. These learning environments are embedded directly in the learning platforms Canvas, Moodle, and FutureLearn used to deliver the MOOCs.

During the project, RTU has gained considerable experience in MOOC production, pedagogy for complex issues, and interdisciplinary collaboration on important challenges regarding sustainability transformation.

Sincerely,

Erling Moxnes  
Professor emeritus



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Riga Technical University (RTU) participated as one of six partners in the Systems analysis MOOCs for sustainability transformation (SYSSUS) project. Andra Blumberga is representing RTU.

Andra Blumberga's main responsibility is the energy efficiency of buildings and the system dynamics modeling for the energy sector. In this project, intensive research was carried out in the field related to environmental issues. Andra Blumberga's pedagogical knowledge and organizational skills are noticeable. She can handle various tasks and spend ample time on each by prioritizing and ensuring that all project deadlines are met.

We appreciate Andra's ability to communicate successfully with all involved parties and successfully assign tasks to her team to ensure successful, fast, and high-quality implementation of the goals set in the project. Andra knows the strengths and fundamental skills of each of her team members, so it helped Andra to lead her team based on the project requirements.

While participating in this project, Andra always had innovative and creative ideas that helped make this project even more enjoyable. We highly appreciate Andra's expertise in the preparation of various methodological materials. From previous collaboration I know that Andra is eager to teach and has spent much time writing textbooks on how to apply modeling to energy analyses.

Sincerely,

Erling Moxnes  
Professor emeritus