



## **WORKSHOP: UNIVERSITY CAMPUS, AN ENERGY ISLAND FOR A HEALTHY STUDY ENVIRONMENT**

**Date:** 16<sup>th</sup> May, 2022

**Participants:** UTCN, E-LAND partners, UVTgv local stakeholders (approx. 70 people)

**Venue:** Valahia University of Targoviste – ICSTM Research institute

**What does the future bring to society with the transformation of the energy sector to a more renewable and decentralized energy generation? What's the role of the consumers and what do future multi-energy systems in the context of University Campuses look like? Can such campus sites organize themselves as energy communities to facilitate energy transition?**

The topic of the energy transition touches upon many aspects of society. In this workshop hosted by the EU research project, E-LAND (<https://elandh2020.eu>), the topic will be discussed from the angles of multi-energy systems, energy communities and end-user engagement. E-LAND project is an international project that develops a toolbox to facilitate local energy islands to leverage multi-energy systems from technological and business perspectives while at the same time building a strong support from local communities. By focusing on local energy islands E-LAND links the potential of digitalization to the coupling of different energy sectors.

Key results from the project experience will be shown together with a site visit. Panel discussions will be held to share experiences between students from different univ. campuses. Learnings from three different pilots from different countries will be shared while the focus will be on the role of campuses in the energy transition.

The workshop will facilitate co-creating functional models of energy expenditure awareness, renewable energy with storage on-site usage between specialists and students. During the first hour, the academic team and scientists will present students the topics, then two site visits will be organized to present guest students the ICSTM Living Laboratory and its E-Land specific piloting achievements at Campus level. Throughout the site visit the remaining students will be engaged in “ideation” on topics: energy footprint awareness, role of renewables and storage, daily life in the campus student teams. In the second part of the workshop student proposals will be debated in challenges between representative teams.

The number of participants is limited. Please express your interest and reserve participation as soon as possible. For questions, please contact the UVTgv pilot manager of E-Land, Dr. Dorin Let email: [let.dorin@icstm.ro](mailto:let.dorin@icstm.ro) or the UTCN representative in the site visit Dr. Andrei Ceclan email: [Andrei.Ceclan@ethm.utcluj.ro](mailto:Andrei.Ceclan@ethm.utcluj.ro).



**WORKSHOP: University campus, an energy island for a healthy study environment**  
**Hybrid Open doors / co-creation event**

**Agenda – 16<sup>en</sup> May 2022**

<b>Time</b>	<b>Minutes</b>	<b>Activity</b>
9:00	30	Registration
9:30	10	<b>Welcome &amp; Introduction</b> <i>Cristiana Radulescu, ICSTM – Valahia University of Targoviste</i>
9:40	20	<b>Net-Zero Smart Campus Sites, a next step in the academia</b> <i>Andrei Ceclan, Technical University of Cluj-Napoca</i>
10:00	15	<b>E-LAND project presentation</b> <i>Minna Kuivalainen, Smart Innovation Norway (online)</i>
10:15	30	<b>Students' role in the energy community</b> <i>Valentin dal Zotto, University of St. Gallen (online)</i> <i>Timea Farkas, Technical University of Cluj-Napoca</i>
10:45	15	<b>Challenges in energy efficiency and smart appliances from a manufacturer point of view - ARCTIC</b> <i>Omer Unal, SC Arctic SA</i>
11:00	40	<b>Site visits (ICSTM Living Laboratory)</b> <i>Guides: Dorin Let, Andrei Ceclan and Valentin Gurgu</i>
11:00	40	<b>Open student session – “identification”</b> <i>Timea Farkas, Technical University of Cluj-Napoca</i> <i>Ioana Dulama, ICSTM – Valahia University of Targoviste</i>
11:50	10	<i>Break</i>
12:00	40	<b>Site visits (ICSTM Living Laboratory)</b> <i>Guides: Dorin Let, Andrei Ceclan and Valentin Gurgu</i>
12:00	40	<b>Open student session – “identification”</b> <i>Levente Czumbil, Technical University of Cluj-Napoca</i> <i>Ioana Dulama, ICSTM – Valahia University of Targoviste</i>
12:40	30	<i>Lunch</i>
13:10	30	<b>Technologies overview</b> <i>Dorin Let, E-LAND RO Pilot project manager, ICSTM-UVTgv</i>
13:40	45	<b>Co-creation event – “action proposals”</b> Student inputs
14:25	15	<b>Key takeaways and wrap-up</b>