



Energy LAB (EL)  
 Milieukontakt Albania  
 Universiteti Polis, Tirane, Albania  
 1,2 September 2022

Day	Modules	Topics	Laboratory	Total hours
1	Citizen Energy Community (CEC)	1. What is the CEC 2. Energy access and availability. 3. Energy affordability and RE; Energy Poverty		1 hr
1	Citizen energy and the role of Municipalities	Social impacts of citizen energy projects		45 min
1	City walk	Design Thinking for Change <i>Finding the right problem to address and solve</i>		1 hr
1	Building thermal performance.	1. Basic concepts on energy efficiency, effectiveness, performance, saving, conservation and energy management. 2. Building thermal performance. 3. Purpose, criteria, objectives, principles and planning of the energy audit process; phases and types of energy audit.	1. Collection of documentary data, data collection through measurements using specific instruments and their interpretation. 2. Data analysis, including energy bill analysis. Building balance as well as energy consumption profiles. 3. Testo. U-value interpretation; Testo. Thermal camera interpretation	3.5 hrs
2	Solar and photovoltaic panels	1. Basic concepts of solar panels 2. Basic concepts of photovoltaic panels	1. Examination of solar panels as integrated part of Polis University Energy Efficiency laboratory 2. Examination of photovoltaic panels (if it is possible is required some assistance for a complete and operational sample of a photovoltaic panel. Polis University does not dispose one of them) 3. Data analyses of photovoltaic panels and their calculation using Retscreen expert	4 hrs
2	Closing remarks	Citizen energy development: Key findings Building a pool of citizen energy experts in the Balkans Certification to be awarded		1 hr