

Enhancing rooftop photovoltaic (PV) potential in Kosovo through adaptation of German practices and the development of sustainable energy communities

Objectives of the overall project

- Identify and map the main regulatory, administrative, technical, financial, property-related, and social barriers affecting rooftop-PV projects throughout their full life cycle, from initial planning and permitting to grid connection, metering, operation, and energy sharing.
- Assess how ERO Rule No. 03/2023 is implemented in practice by regulators, network operators, municipalities, market actors, and civil-society organisations, and identify where actual procedures and outcomes differ from formally established rights and timelines.
- Evaluate the practical readiness, development potential, and operational requirements of renewable energy communities and jointly acting prosumers, particularly in apartment buildings, municipalities, public facilities, and mixed local groups.
- Distinguish national policy and regulatory gaps from constraints arising at the municipal, network, market, building, and customer levels by comparing official information with stakeholder experiences.
- Develop practical and implementation-oriented recommendations that clearly identify responsible institutions, suitable policy instruments, required support measures, and measurable indicators of progress.

Work at ECOLOG Institute

- Desk research and comprehensive literature review (scientific literature, legislation und regulations of Kosovo and Germany)
- Empirical data collection: 17 semi-structured interviews with regulatory and grid institutions, solar-market actors, municipalities, and civil-society and research organisations in Kosovo
- Transcription, translation and analysis with MAXQDA: The results were compared across stakeholder groups and different stages of the rooftop-PV project cycle and triangulated with laws, regulatory documents, official statistics, and findings from the desk research
- Communication, validation and outputs: Presentations at ECOLOG and DBU as well as stakeholder events were used to discuss, validate, prioritise, and contextualise the interview findings. Results are documented in a research Report and will be published in a policy paper, containing a set of practical and implementation-oriented policy recommendations.

Project Partners

- ECOLOG Institute
- Leuphana Universität Lüneburg

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Deutsche Bundesstiftung Umwelt (DBU), MOE-Fellowship (Fellowship für Hochschulabsolvent:innen aus Mittel- und Osteuropa)

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