

## **ElectricityNeighbours – Can tenants in Berlin's apartment buildings become prosumers through solar power projects and sector coupling?**

### **Project**

### **Duration**

Jan 2021 - Mar 2022

Photovoltaic technology is a key lever for decarbonising Berlin's power consumption and for social participation in the transformation process, especially for tenants. Therefore, solar energy and projects on rental apartment blocks are key elements of the Berlin Senate's Energy and Climate Protection Programme. In the research project "ElectricityNeighbours", Ecologic Institute and IÄRW evaluate the experience gained so far in implementing such prosumer projects in Berlin, outline innovation potentials for the field and develop ideas on how the regulatory framework can be further developed. In doing so, the team looks beyond pure tenant electricity projects to the potentials of sector coupling.

The focus of the analysis is on distributional effects of the projects studied, especially the economic effects on low-income households. For a more detailed analysis, two ongoing prosumer projects in Berlin will serve as case studies and expert interviews and tenant surveys are conducted. The transdisciplinary results are presented for discussion in a stakeholder workshop.

The aim of the project is to present decision-makers with innovative sector coupling concepts and concrete recommendations for new regulatory approaches. It provides concrete support for planning and implementation for service providers and companies involved in tenant electricity projects.

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