

## GREEN AND SUSTAINABLE ENERGY IN ELBASAN BUILDINGS - GREENELB

### Context

Elbasan's journey towards climate neutrality faces significant challenges, particularly in the building sector. The city's first greenhouse gas inventory highlights that buildings are major contributors to emissions, with electricity consumption accounting for 28.3% and non-electric energy adding another 15.9% of total emissions. Private residential buildings are the primary source, responsible for 96.8% of these emissions. Through the NetZeroCities Pilot Cities Programme under the EU Mission for Climate-Neutral Cities, this project will pilot innovative energy efficiency solutions in the Vullnetari neighborhood of Elbasan. This neighborhood will serve as a testing ground for developing and implementing comprehensive energy efficiency models that can later be scaled across the city.



### Project aim

Transform Elbasan's buildings into near-zero emission structures to address environmental and economic challenges through developing energy efficiency models and innovative strategies such as behavioral analysis, social engagement, and fostering a flexible environment for policy testing.

### Deliverables and activities

- **Development of an energy efficiency model for private pilot buildings in Elbasan:** selection of private pilot buildings in "Vullnetari" neighborhood, conducting detailed energy efficiency assessments, developing building energy profiles.
- **Development of technical and financial plan for identified energy efficiency measures:** designing renovation solutions for pilot buildings, conducting financial analysis, developing implementation roadmap.
- **Development of comprehensive framework for behavior change and energy efficiency policies:** analysis of energy consumption behavior, testing targeted behavioral interventions, designing and testing energy efficiency policy sandbox.
- **Strengthening stakeholder capacities for scaling energy efficiency projects:** advanced training on energy efficiency and community assessment; training on using standardized performance assessment model, and training on planning and managing renovation projects.

#### GENERAL INFORMATION

DONORS:  
EU/ EIT Climate-KIC

PARTNERS:  
•Municipalities of Elbasan  
•Urban Research Institute

DURATION:  
01/09/2024 - 30/08/2026

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### About URI

Since 1999, the Urban Research Institute (URI) has been delivering big results for development projects and programmers carried out throughout Albania. Our core business focuses on community development, local government strengthening, environmental protection, decentralization, and public services. We conduct studies, lobby the government, train local government units, increase public access to information, and connect development partners. URI has worked with donors such as USAID, Swiss Cooperation, the Netherlands Embassy, UNDP, World Bank, EU, SIDA, Open Society /Soros Foundation, etc.



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