

Project fact sheet

Project name

Effective Financing Tools for implementing Energy Efficiency in Buildings

Project acronym

EFFECT4buildings

Project duration

2017-05-25 to 2020-11-30

Administration starts 2017-05-25 and ends 2020-11-30.

Implementation starts 2017-10-01 and ends 2020-08-31 (36 months).

Budget

Total budget 2 637 013 EUR.

Funding

European Regional Development Fund (ERDF) 1 958 398 EUR, through the Interreg Baltic Sea Region Programme (Interreg B), under 2.2 Efficient management of natural resources/Energy efficiency. Partners own contribution 678 615 EUR.

Flagship

EFFECT4 buildings is part of the implementation of the EU Strategy for the Baltic Sea Region (EUSBSR), being a flagship project under policy area Energy and the horizontal action Climate.

Flagship projects demonstrate the progress of the EUSBSR especially well and serve as pilot examples for desired change.

Project background

Reducing energy consumption and energy dissolution is becoming increasingly important for the EU and is a strategic priority. Investments in energy efficient technology and renewable energy contribute to achieving the EU's energy and climate goals while creating economic growth.

Housing and premises account for a large part of energy use. The EU Energy Performance Buildings Directive contains several provisions to improve energy efficiency in both new and existing buildings.

It is a requirement that existing buildings undergoing major renovations apply the minimum energy performance requirements. All new buildings must have a near-zero energy consumption by 31 December 2020. There are also requirements for energy certification of buildings or building units, periodic inspections of heating and air conditioning systems in buildings and independent control systems for energy certificates and inspection reports.

Summary of the project

The goal of EFFECT4buildings is to increase the number of energy efficiency measures implemented in existing public buildings in the Baltic Sea Region. The target audience is public property owners who often know what actions are technically possible and sometimes have calculations that show that these investments are profitable, but despite that fails to implement the measures due to financial barriers.

The project will result in a toolbox with financial methods that can improve profitability, facilitate funding and reduce the risk of energy investment in public real estate. Examples of tools are profitability calculations, action packages, contribution optimization, EPC, multifunctional agreements, green leases and economic models for both production and energy use.

EFFECT4buildings connects public property owners with suppliers of solutions to achieve more efficient use in the Baltic Sea Region. Financial tools and methods are developed through various real cases among partners participating in the project.

The project will make the toolbox available online. Public property owners should be educated in how to use the tools and increase their ability to convince policy makers to implement and invest in energy efficiency measures.

Partners

1. **County administrative board of Dalarna (Sweden) LEAD PARTNER**

www.lansstyrelsen.se/dalarna

Dalarna is a pilot region in Sweden for energy efficiency and there is a strong stakeholder cooperation with representatives from the whole building sector.

2. **Environmental office of Lappeenranta region (Finland)**

www.lappeenranta.fi

The region is known of its work towards renewable energy and low carbon energy systems. They have an active network, Green Energy Showroom, of SME:s that encourages network members to introduce new innovative solutions that include business potential and creates new jobs.

3. **Hedmark County Council (Norway)**

www.hedmark.org

The county has extensive experience of developing and testing financial tools for energy efficiency.

4. **Vidzeme Planning Region (Latvia)**

www.vidzeme.lv

The region is responsible for regional planning and coordination, including energy efficiency, as well as cooperation between its 25 municipalities and different governmental institutions.

5. **Gate21 (Denmark)**

www.gate21.dk

Gate 21 is a non-profit partner organization, implementing intermunicipal projects and initiatives that promote green transformation and growth. Gate 21s mission is to gather municipalities, regions, businesses and knowledge institutions to develop and disseminate resource efficient solutions to climate and energy. Gate 21 has extensive project experience related to energy efficiency in public buildings.

6. **Association of Communes and Cities of Małopolska Region (Poland)**

www.sgpm.krakow.pl

The organization is a non-governmental organization of self-government in Poland. They strive to build stronger self-government by cooperating with counties and municipalities representatives to provide education and training, legislative reporting, research and technical assistance.

7. **Foundation Tallinn Science Park Tehnopol (Estonia)**

www.tehnopol.ee/en

As a science and business campus Tehnopol aims to advance technology-based entrepreneurship in Estonia, bring scientists and entrepreneurs together and provide suitable conditions and a suitable environment for the realisation of breakthrough business ideas.

8. **State Real Estate Ltd (Estonia)**

www.rkas.ee

This public company are responsible for the development and management of 1 425 publicly owned building in Estonia, being a competence center in development, management and maintenance of the required real estate.

9. **Sustainable Building Cluster in Dalarna (Sweden)**

www.byggdialogdalarna.se

The cluster organization functioning as a regional hub and catalyst for sustainable building and construction with 100 paying members representing the whole building chain from planning, building and maintaining.

