

Welcome to the BUILDSPACE Project! Explore our seventh and last newsletter and embark on a journey of cutting-edge updates, industry insights, and more.

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Enabling Innovative Space-driven Services for Energy-Efficient Buildings and Climate-Resilient Cities

Time sure does fly.

As the project reaches its final chapter, we're sharing our last newsletter with you.

Thank you for keeping up with us, let's continue working for a more resilient and sustainable future.



The Project:

Get to know the Pilots.



Get to know the pilots: Warsaw | Digital Twin Generation and Enrichment in Polish pilots

Warsaw | Digital Twin Generation and Enrichment in Polish pilots

Get to know how the BUILDSPACE services Digital Twin Generation and Enrichment were developed for the creation of the Digital Twin of the Faculty of Psychology building in Warsaw.

Poznan | Digital Twin Generation and Enrichment in Polish pilots

Get to know how the BUILDSPACE services Digital Twin Generation and Enrichment were developed during the construction of the new Rectorate of Poznań University of Technology.



Get to know the pilots: Poznan | Digital Twin Generation and Enrichment in Polish pilots



Get to know the pilots: Riga | Built Environment Climate Scenarios

Riga | Built Environment Climate Scenarios in Latvia

This short video highlights the innovative work of the BUILDSPACE project, brought to life in the Riga pilot. Watch this video to discover how the Riga Pilot demonstrates how data-driven renovation planning and renewable energy integration can drive a city toward climate neutrality while delivering strong economic, social, and environmental co-benefits.

Piraeus | Urban Heat Analysis Platform: A tool for Climate-Resilient Cities

Through the BUILDSPACE Urban Heat Analysis Platform, Piraeus combines satellite insights with socio-economic and demographic data to transform information into smarter, greener decisions. Watch the video to hear from city representatives and real users about how this decision-support tool is helping Piraeus adapt to climate change.



Get to know the pilots: Ljubljana | Urban Flood Analysis and Resilience



Get to know our pilots: Piraeus | Urban Heat Analysis Platform: A tool for Climate-Resilient Cities

Ljubljana | Urban Flood Analysis and Resilience

This short video highlights the innovative work of the BUILDSPACE project, brought to life in the Ljubljana pilot. Discover how the team is using advanced tools to analyse flood risks, strengthen urban resilience, and support smarter planning through blue-green infrastructure.



News

Meet the Winners of the Open Call

We are thrilled to announce the winners of our [Open Call for Replication Potential](#). These winners represent a diverse range of sectors, from sustainable mobility and climate advocacy to regional planning, education, and digital innovation.

Read more [here](#).



Digital Educational Toolkit is live:

Through our Digital Educational Kit, students and energy-enthusiasts can explore the project's services, tools, and real-world applications, supported by hands-on pilot experiences. Designed for university students and anyone interested in energy-efficient and resilient cities.

Read more [here](#).

Buildspace Hackathons: Learning by building in action

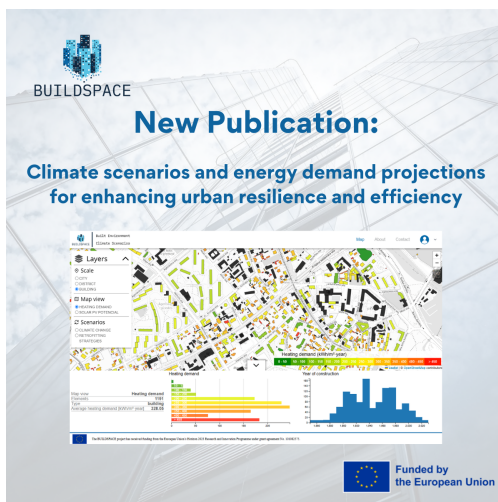
In November, BUILDSPACE partners brought hands-on learning to life through two dynamic hackathons, engaging students, researchers, and professionals in the co-creation of digital solutions for smarter and greener cities.

Read more [here](#).



Stakeholder's perspectives

Explore concise articles tailored for you: Dive into relevant topics related to BUILDSPACE.

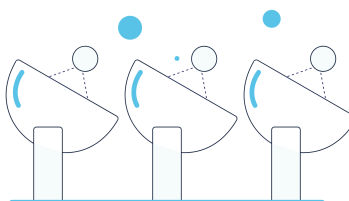
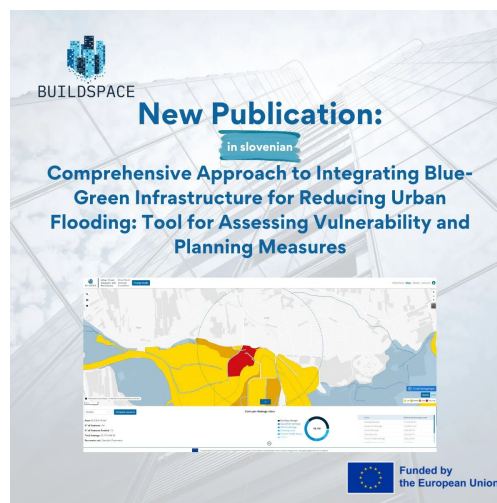


Climate scenarios and energy demand projections for enhancing urban resilience and efficiency

This paper presents the Built Environment Climate Scenarios Service. The tool enables users to compare baseline and future energy demand, simulate refurbishment scenarios, and assess resilience to climate impacts using interactive maps. Its browser-based design ensures accessibility without specialised software, supporting municipalities and planners in evidence-based decision-making. The service offers a practical solution for integrating energy efficiency and climate resilience into long-term urban planning strategies across European cities.

Comprehensive Approach to Integrating Blue-Green Infrastructure for Reducing Urban Flooding: Tool for Assessing Vulnerability and Planning Measures

The study presents a comprehensive procedure for flood risk assessment that also includes an evaluation of the effectiveness of blue-green infrastructure (BGI) as a strategy for mitigating the impacts of climate change. The procedure includes the identification of areas that are particularly vulnerable to flooding, measures to protect residents and buildings, the use of climate change projections, data collection, and the incorporation of potential BGI measures. The goal is to provide clear and practical information to stakeholders at the level of urban districts and individual buildings.



Thank you for keeping up with us!

BUILDSPACE is a Horizon project funded by the EUSPA European Program that developed innovative applications to support buildings' energy efficiency and cities' resilience and sustainability. To develop its services the project utilised cutting-edge technologies, such as satellite data analysis, digital twins, virtual and augmented reality (AR/VR), and drones equipped with thermal cameras.



responsibility of the BUILDSPACE consortium and can under no circumstances be regarded as an expression of the position of the European Union.

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