

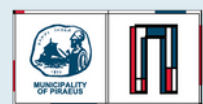
BUILDSPACE PARTNERS

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 UNIVERSITY OF
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Mostostal
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This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101082575.



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CONTACT INFO

 www.buildspaceproject.eu

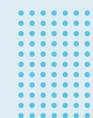
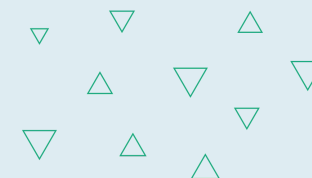
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BUILDSPACE

BUILDSPACE
ENABLING
INNOVATIVE
SPACE-DRIVEN
SERVICES FOR
ENERGY
EFFICIENT
BUILDINGS AND
CLIMATE
RESILIENT



ABOUT BUILDSPACE

Programme: Horizon EU

Budget: €2.632.367,50

Timeframe: February 23-
January 26

BUILDSPACE project aims to develop innovative applications to support buildings' energy efficiency and cities' resilience and sustainability

The BUILDSPACE project will provide services to enable users to interact with a building's digital twin and the city's stakeholders to effectively monitor the energy performance of the city's buildings to develop strategies for the sustainability and resilience of cities against the risks posed by climate change, with an emphasis on the analysis of the urban thermal environment and flooding.

BUILDSPACE APPLICATIONS

BUILDING LEVEL

1. Digital Twin Generation and visualisation with VR and AR interfaces

2. Digital Twins enrichment by combining UAV, thermography and SLAM approaches

CITY LEVEL

3. Built Environment Scenarios for climate change impact assessment in energy consumption

4. Urban Heat Analysis and Resilience with socio-economic and demographic data

5. Urban Flood Resilience for renovation and blue-green infrastructure design



PILOTS



PILOT 1:
BUILDING CONSTRUCTION (PL)



PILOT 2:
ENERGY DEMAND ANALYSIS AND RESILIENCE (RIGA, LV)



PILOT 3:
URBAN HEAT ANALYSIS AND RESILIENCE (PIRAEUS, GR)



PILOT 4:
URBAN FLOOD ANALYSIS AND RESILIENCE (LJUBLJANA, SI)