



RETIME

Inclusive Urban Resilience



Co-funded by
the European Union



Urban Adaptation and Alert Solutions for a Timely Reaction

RETIME is an EU co-funded project to provide local stakeholders, vulnerable groups and decision-makers with a suite of **user-friendly solutions** to anticipate and mitigate extreme events and emergencies. These include **both natural and human-induced hazards** such as storms, flash floods, wildfires and extreme temperatures. In this respect, the project seeks to **increase the resilience of vulnerable urban areas** while making sure **no one is left behind**.

RETIME Objectives

1

Make building occupants and other vulnerable key stakeholders more aware of the solutions available in case of extreme climatic events and natural disasters.

2

Test innovative and practical adaptation measures for vulnerable urban areas.

3

Support public authorities in enhancing the safety and resilience of the built environment by reinforcing site-specific emergency protocols.



Actions & Solutions

RETIME creates **tailored solutions** that prioritise alerts based on local conditions and effectively addresses the distinct needs of vulnerable urban communities. These technologies will be implemented in **three pilot areas**, each with specific cultural features, climate conditions and vulnerabilities.

RETIME actions include:

- Stakeholder mapping
- Multi-risk analysis and vulnerability indicators
- Design and implementation of tools and solutions
- Test and deployment of scalable models
- Data dashboard tools

Digital solutions for urban adaption and risk reduction



A sensor-based IT
automated alert
system



A Building Digital
Twin



A digital Building
Renovation Passport



A Resilience Knowledge
Hub and Decision
Support Platform

Pilot Areas



Lisbon, Portugal

Bairro da Boavista is a social neighbourhood in Lisbon with around 1,900 inhabitants, marked by limited economic resources, multiculturalism, strong social cohesion and the presence of social support infrastructures. RETIME aims to define mitigation risk solutions against wildfires, heat waves, earthquakes, and flooding.



Žilina, Slovakia

The Social Services Centre Straník in the Zástranie district of Žilina faces escalating hazards due to climate change. RETIME aims to identify risk mitigation solutions to address the infrastructure's vulnerabilities, especially for individuals with special needs.



Tartu, Estonia

Tartu city centre, along the Emajõgi River, faces potential natural disaster risks. RETIME aims to enhance emergency plans and alert systems for cold spells, heatwaves, floods, and wildfires, while addressing challenges such as the influx of war-displaced people and the inclusion of other vulnerable groups.



Follow our journey

 retime-project.eu  [RETIME project](#)  retime@iscte-iul.pt



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