



## **WEO to Advance Inclusive Urban Resilience with Project RETIME**

[WEO](#) is proud to announce its participation in “Urban Adaptation and Alert Solutions for a TIMEly (re)Action (RETIME), a project co-funded by the European Union’s competitive [HORIZON Europe Innovation Actions](#) with a contribution of approximately €5 Million Euros.

Launched in June 2024, [RETIME](#) is a European effort bringing together 18 project partners from 8 European countries to enhance urban resilience and minimise the impacts of natural hazards like storms, floods, wildfires, and heat and cold waves on cities and urban populations, particularly vulnerable groups.

To tackle these climate adaptation challenges, RETIME will develop and pilot data-driven tools based on remote sensing, sensor networks, and weather data. These solutions include detailed neighborhood hazard maps, building-scale alert systems, vulnerability assessments, a sensor-based IT automated alert system, a digital building twin, a building renovation passport, and a resilience knowledge hub and decision support platform.

The tools will support key decision-makers like local governments, building owners, and emergency responders in three pilot areas - Lisbon (Portugal), Žilina (Slovakia), and Tartu (Estonia).

### **Coordination & Collaboration: WEO to take Leading Role in RETIME**

In a significant step for the Luxembourgish startup, WEO will lead a Work Package within RETIME focusing on hazard identification and automated monitoring. Specifically, WEO will coordinate 14 partners towards delivering multiple products, including interactive maps to identify hazardous hotspots and characterise risk profiles.

“We’re excited to play a major role in project management and fostering collaboration amongst the partners,” said Rowan Steele, Business Development Manager at WEO, “This is a large responsibility for WEO, and we are eager to bring our experience from previous projects on Urban Greening, Sealed Surfaces, and Tree Monitoring with the European Space Agency (ESA), Luxembourg Space Agency, and Brussels Environment, to name a few.”



### **Furthering Innovation and WEO's Mission**

Developing innovative technology using the latest Earth Observation and remote sensing research has been the core of WEO's activities since its founding in 2020 by Imeshi Weerasinghe, CEO and Charlotte Wirion, CTO.

"RETIME is another opportunity for us to continue innovating," said Wirion.

With WEO's mission to provide "Environmental Analytics for All", Weerasinghe believes "RETIME's focus on building climate resilience, particularly amongst vulnerable populations, is completely aligned with our goals".

The co-founders acknowledge support from Luxinnovation and the Luxembourg-City Incubator.