

Urban Relief

From tension to collaboration: cross-sector learning in inclusive, urban citizen science

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Innovating together for just and green urban transitions



Enable public administrations and local communities to
address urban climate and wellbeing challenges together

Expand and complement the knowledge base for urban
policy and resilience planning with **citizen observations, data
and collective sense-making**

Ensure **inclusive participation** across diverse urban
populations

Urban Relief 12+ Campaigns

Evidence-based policy: Data is shaping climate adaptation strategies, heat mitigation plans, mobility measures & greenspace planning.

Data collection & engagement metrics



330.000+ air quality measurement hours



3.500+ citizens engaged
59% female participants



450.000+ temperature & relative humidity observations



110+ parks, greenspaces, neighbourhoods, sites investigated



2.500+ surveys completed



350+ sensors installed/deployed



1.000+ tree updates



600+ app downloads/users

4 Themes



Greenspace perception



Urban Trees



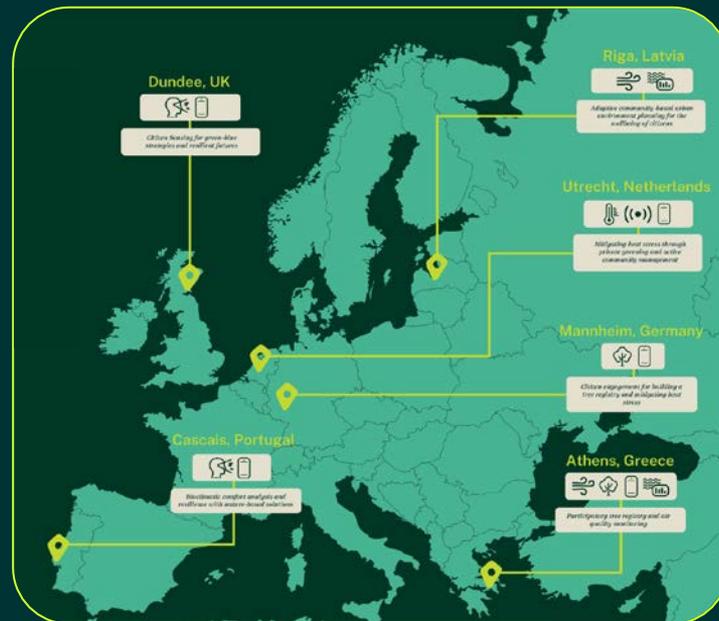
Air quality



Heat stress

6 Cities

Athens, Cascais, Dundee, Mannheim, Riga, Utrecht



Tension 1: Technological readiness

Prototyping, innovation

Technology providers

Exemplary use cases

Real life testing

Identification of user needs

Fine-tuning data accuracy and precision

Users as testers

Need for high TRL

Public administrations

Real thing

Troubleshooting burden

Expectation management

Lack of insight, trust in data

Participants and data collectors



Tension 2: Inclusive engagement

Academic rigor and integrity

Academic actor

Conceptual framework and guidelines

Deliberate phases and steps

Monitoring

Evidence-based revision

Standardised surveys, questionnaires

Practical implementation

Public administrations

Operational plans

Messy implementation dynamics

Perceptions

Quick adaptations

Fear of intrusive actions



Urban Releaf

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