



RESIN

SUPPORTING DECISION –
MAKING FOR RESILIENT CITIES

RESIN

Climate resilient cities
and infrastructures

ABOUT RESIN

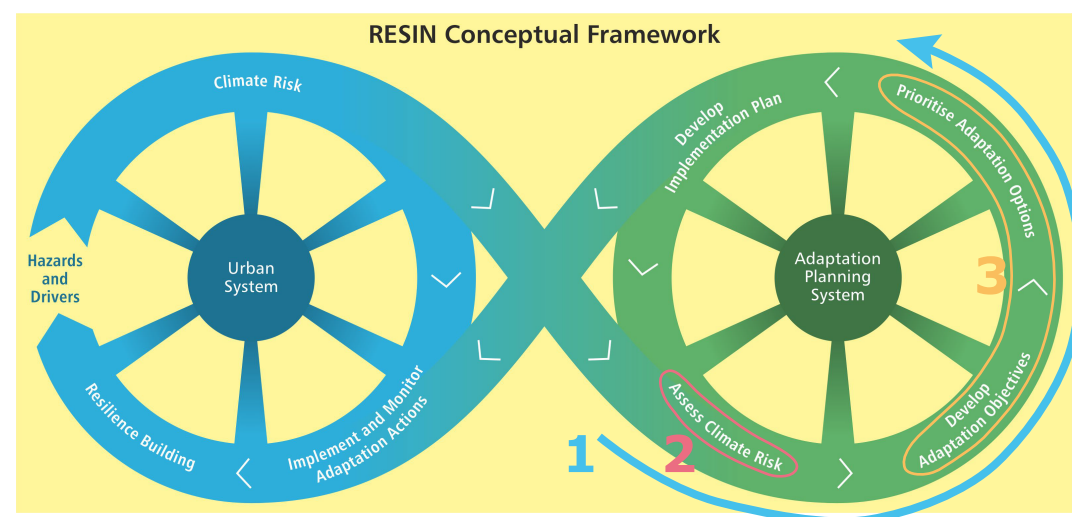
RESIN is an interdisciplinary, practice-based research project investigating climate resilience in European cities. Through co-creation and knowledge brokerage between cities and researchers, the project is working on developing practical and applicable tools to support cities in designing and implementing climate adaptation strategies for their local contexts.

These tools are:

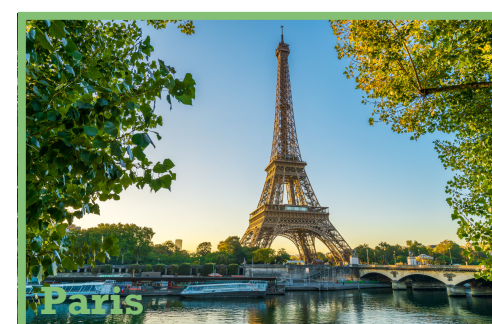
- 1 The RESIN e-Guide**
- 2 Impact and Vulnerability Analysis of Vital Infrastructures and built-up Areas (IVAVIA)**
- 3 The RESIN Adaptation Options Library**
- 4 The RESIN Climate Risk Typology**

RESIN partners

- Coordinator: TNO (Peter Bosch)
- Tools: Fraunhofer, TecNALIA, University of Manchester, TNO
- Tier-1 City Partners:
- Bilbao, Bratislava, Manchester, Paris
- Tier-1 cities paired with local academic and research partners
- Wider city network (13 tier-2 cities)
- ICLEI for coordinating the case studies
- Dutch NEN for standardisation activities



RESIN conceptual framework: risk assessment, adaptation planning and implementation as a cyclic process in a changing urban system and climate



CASE STUDIES

All RESIN tools are co-created, tested and evaluated in four city case studies. The cities of Manchester, Paris, Bratislava and Bilbao (tier-1) conduct the case studies together with research and development partners and coordinated by ICLEI.

Thirteen external tier-2 cities follow the co-creation and apply the RESIN tools for their adaptation processes.

www.resin-cities.eu

