

Research Project Fact Sheet

Title of Project	Leadership For Climate Resilient Buildings
Project Acronym	 CLIMRES
Funding Program	HORIZON-CL5-2023-D4-02
Project Identifier	HORIZON-RIA
Total Budget	€ 5 827 262.50 (€4 999 982.50)
Starting – Ending Date	01/2024-31/2027
Consortium	<ol style="list-style-type: none"> 1. Singularlogic Anonymi Etaireia Pliroforiakon Systimaton Kai Efarmogon pliroforikis (SLG - Coordinator) 2. Erevnitiko Panepistimiako Institutouto Systimaton Epikoinonion Kai Ypologiston (ICCS) 3. Fundacion Cartif (CARTIF) 4. Frederick Research Center (FRC) 5. European Centre for Medium-Range Weather Forecasts (ECMWF) 6. Centre Internacional De Metodes Numerics En Enginyeria (CIMNECERCA) 7. Universita Politecnica Delle Marche (UNIVPM) 8. Mobics Telecommunication And Consulting Services Sa (MOBICS) 9. Rina Consulting Spa (RINA-C) 10. Demo Consultants Bv (DMO) 11. Nazka Mapps Bvba (NAZKA) 12. Imzi-Institut Za Modro-Zeleno Infrastrukturo (IMZI) 13. Systimata Elegchou Takis G. Zarifopoulos Anonymos Etaireia Idiotiki Epicheirisi Parochis Ypiresion Asfaleias (ZARIFOPOULOS) 14. Iclei European Secretariat Gmbh (Iclei Europasekretariat Gmbh) (Iclei Euro) 15. Institut Municipal D Urbanisme (IMU) 16. Asociacion Ecoserveis (ECOSERVEIS) 17. Diktyo Poleon Gia Ti Viosimi Anaptyxi Kai Kykliki Oikonomia (SCN) 18. Pich-Aguilera Arquitectos SI (PICH ARCHITECTS) 19. Linkcity Ile-De-France (LINKCITY IDF) 20. Univerza V Ljubljani (UL) 21. Comune Di Senigallia (MoS)
Project Objectives	<p>Europe has seen a sharp increase in extreme weather events, with the Mediterranean region particularly impacted by climate disruptions, including unseasonably warm winters that disturb ecosystems and weather patterns. CLIMRES addresses these challenges by promoting “Leadership for Climate Resilient Buildings,” focused on identifying vulnerabilities and assessing impacts within urban building ecosystems. The project will develop methodologies for vulnerability assessment, an inventory of climate-resilient building measures, and a decision-support</p>

toolkit targeting strategic, tactical, and operational decision-making. CLIMRES solutions will be piloted in Spain, Greece, Italy, and Slovenia, where they'll be tested against heatwaves, floods, fires, and earthquakes, with an additional multi-hazard pilot in France. Insights and results from these pilots will shape the project's replication roadmap and a capacity-building program to prepare future leaders in climate-resilient building practices. Through co-creation, development, and demonstration, CLIMRES will deliver valuable tools and cost-effective, replicable solutions at TRL 6-8, providing critical guidance for building owners, policymakers, and stakeholders committed to enhancing climate resilience and sustainable urban development.

Work Packages

WP1 - Project management
WP2 - Stakeholders Requirements, co-creation and solutions specifications - CLIMRES Context & Framing
WP3 - Vulnerability Analysis & Impact Assessment -CLIMRES Assessment Tools
WP4 - Building Resilience - CLIMRES Resilience Solutions
WP5 - CLIMRES Pilot Demonstration – CLIMRES Evaluation
WP6 - Replication, capacity building, policy support & standardization - CLIMRES Replication & Policy Making
WP7 - Dissemination, exploitation & communication

External References
