ERA4CH - Research Project Fact Sheet

Title of Project	**Earthquake Risk platform for European cities Cultural Heritage protection - on-going**
Project Acronym	ERA4CH
Funding Program	MSCA Staff Exchanges 2021
Project Identifier	HORIZON-TMA-MSCA-SE
Total Budget/EUT Budget	€ 791200 / € 101 200
Starting – Ending Date	01/2023-12/2026
Consortium	1. Alma Sistemi Srl (IT) 2. Politecnico Di Milano (IT) 3. Polytechneio Kritis (GR) 4. Frederick University (CY) 5. Geomatics (Cyprus) Limited (CY) 6. Comune Di Narni (IT) 7. Dimos Chania (GR) 8. Quantum Innovation I.K.E. (GR) 9. Euphyia Tech Ltd (CY) 10. Strovolos Municipality (GR)
Project Objectives	Disaster prevention is essential to save historical monuments. The protection of people and cultural heritage from natural disasters requires an effective policy response. However, effective prevention hinges on reliable information about the risks. This is essential for the design of prevention measures. In this context, the MSCA-funded ERA4CH project will develop innovative tools providing monitoring and preventive intervention in areas at serious risk. It will combine AI, structural stability models, advanced remote sensing techniques, image processing, geotechnics and cadastral data sets in a geographic information system, or GIS, application. Tests will be carried out in Greece (Chania), Italy (Narni) and Cyprus (Strovolos).
Work Packages	WP1 Analysis of methods and data WP2 S/W Applications WP3 Platform development WP4 Demonstration WP5 Dissemination, Communication and Transfer Of Knowledge WP6 Project Office & Exploitation
External Reference	https://cordis.europa.eu/project/id/101086280
Role in the Project	Principal Investigator