

## UP Periscope - Research Project Fact Sheet

Title of Project	Portal for hERitage buildingS integration into the COntemPorary built Environment- completed
Project Acronym	UP PeriScope
Funding Program	The Research Promotion Foundation Programmes for Research, Technological Development and Innovation "Restart 2016-2020".
Project Identifier	Smart Growth, Integrated Projects
Total Budget/FRC Budget	1104501 € / 180480 €
Starting – Ending Date	12/2019-05//2023
Consortium	<ol style="list-style-type: none"> <li>1. The Cyprus Institute (CY)</li> <li>2. Cyprus University of Technology (CY)</li> <li>3. Frederick Research Center (CY)</li> <li>4. Ministry of Interior (CY)</li> <li>5. Municipality of Strovolos (CY)</li> <li>6. Limassol Municipality (CY)</li> <li>7. NetU Consultants Ltd (CY)</li> <li>8. HIT HYPERTECH INNOVATIONS LTD (CY)</li> <li>9. RTD Talos Ltd (CY)</li> <li>10. Bruno Kessler Foundation (IT)</li> </ol>
Project Objectives	<p><b>General:</b></p> <p>The project "Portal for heritage buildings integration into the contemporary built environment" (PERIsCOPE) aims to design and develop an innovative platform for the identification, classification, documentation and renovation of heritage buildings which can be exploited by a variety of stakeholders related to the conservation and retrofit activities. PERIsCOPE will enable the exploitation of state-of-the-art techniques in the scientific fields of Building Information Modelling (BIM), remote sensing, terrestrial and aerial 3D modelling techniques, and non-destructive onsite testing, pursued by the leading research and academic institutions of Cyprus in these fields. PERIsCOPE platform is targeted to specific stakeholders to impact culturally and economically the society of Cyprus, including public authorities and policy makers (Town Planning and Housing Department, Department of Antiquities, Municipalities) and professionals (archaeologists, engineers, architects and chartered surveyors).</p>
Work Packages	<p>WP1 Project Management</p> <p>WP2 Dissemination Activities</p> <p>WP3 Satellite and GIS Environmental Analysis</p> <p>WP4 Multi-scale 3D Building Reconstruction Methods</p> <p>WP5 Non-destructive Onsite Testing of Heritage Buildings</p> <p>WP6 Modelling Historical Building Sustainability Aspects</p> <p>WP7 Building Information Modelling for Heritage</p> <p>WP8 PERIsCOPE Platform and HBIM methodology</p> <p>WP9 PERIsCOPE Exploitation: Community Building and Business Models</p>
External References	<p><a href="https://uperiscope.cyi.ac.cy/">https://uperiscope.cyi.ac.cy/</a></p> <p><a href="https://doi.org/10.5755/j01.sace.29.2.29425">https://doi.org/10.5755/j01.sace.29.2.29425</a></p>
Role in the Project	Principal Investigator