



# Rector's Palace – Croatia

Key Element	Description
<b>Pilot Territory / Site</b>	Rector's Palace heritage site located within the historic center of Dubrovnik.
<b>Country / Geographical Context</b>	Croatia – coastal urban heritage site situated within the UNESCO-protected historic core of Dubrovnik.
<b>Territorial Typology</b>	High-pressure urban coastal heritage environment characterized by intense seasonal tourism flows.
<b>Governance Context</b>	Complex governance structure involving municipal authorities, national heritage institutions, and cultural heritage management bodies responsible for the protection and management of the historic urban landscape.
<b>Tourism Pressure Profile</b>	Very high visitor volumes associated with Dubrovnik's global tourism visibility, with strong seasonal peaks leading to visitor concentration and congestion within the historic center.
<b>Environmental / Climate Exposure</b>	Exposure to coastal environmental pressures and climate-related risks affecting historic urban heritage sites.
<b>Key Challenges Identified</b>	High tourism pressure, visitor concentration within the historic core, and the need for enhanced monitoring and visitor redistribution strategies.
<b>Relevant Use Cases Implemented</b>	Use Case 1 – Digital Twin & 3D Modeling. Use Case 4 – Big Data & IoT Integration.
<b>Operational Focus of the Pilot</b>	Strengthening integrated monitoring, real-time data analysis, and decision-support systems through Big Data and IoT tools, complemented by digital documentation and 3D modelling for heritage analysis and conservation planning.
<b>Strategic Insights for Transferability</b>	Demonstrates the importance of integrating real-time environmental monitoring, predictive tools, and digital documentation to support preventive conservation and adaptive governance in highly visited historic urban destinations.

