

ADAMO project within DTC focused on analysis, diagnostics and e monitoring cultural heritage

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ADAMO is a Research Project about Technologies of Analysis, Diagnostics and Monitoring for the preservation and restoration of Cultural Heritage, in the Center of Excellence of the District of Technologies for Culture of Lazio Region. The project has objectives to promote Technology transfer in the context of analyses, diagnostics and environmental monitoring for Cultural Heritage, and to offer services to enterprises based on facilities offered by DTC partners (Research institutes and Universities). Demonstrations of the effectiveness of modern and tailored methodologies and instruments, operating either in laboratory or in situ are planned on selected case studies relevant to mobile and immobile CH. The development of prototypes and innovative products suitable for in situ use by the end user is pursued. To this respect the role played by nano-innovation is the subject of this session which, after a short introduction to the project, deals with applications of nanotechnologies to CH surfaces preservation, especially as far as the contrast to degradation due to climate, biological agents and pollution is concerned. Specific applications developed outside of the project are considered as well.