



IDEHA

Project co-financed by the European Union ERDF and ESF, PON Research and Innovation 2014-2020

Innovation for Data Elaboration in Heritage Areas

PROJECT GOAL

An intelligent open source system connecting information validated by scientific research for a better knowledge of Italian tangible and intangible Cultural Heritage. IDEHA intends to adopt fruition models for cultural heritage which facilitate the knowledge and a better understanding of the contents and the intrinsic value of the cultural assets. In short, IDEHA makes the invisible visible.

Computer Vision, Artificial Intelligence and Machine Learning: object and scene recognition with automatic creation of descriptions on mobile devices

Intelligent Things: sensors and Artificial Intelligence for the collecting, filtering and retrieval of contextual information

Augmented Reality: digital twins of real objects to improve the user experience and knowledge during a visit

Conversational Frameworks: natural interaction for information retrieval in the context of cultural sites

Surveillance and Security: solutions for the analysis of behaviours and the identification of risks

Digital Technology Platform: open platform in cloud for the support of innovative services based on data integration from different sources