

SMARTOUR

The Program:

With the Cluster Program "Smart cities and Communities", the Italian Ministry of the University and research, intend to promote and develop sustainable economic development of urban environment that is consistent with the welfare needs of the citizens and of private companies and organizations. In particular, the program supports the following sectors of intervention: cultural heritage, territorial security, and cloud companies technologies for smart government.

The Project

The SMARTOUR project provides for the creation of an integrated platform to support the user of the spaces and places of the cities of art and culture. The platform intends to provide innovative services for dynamic, interactive, safe and inclusive management of the tourist experience, based on an integrated and modular way. These services will be developed on the basis of methodologies and technologies aligned with the evolutionary trends of the respective fields, such as virtual and augmented reality, pervasive monitoring, sensory fusion, Ambient Assisted Living, integrated security.

The SMARTOUR project aims to significantly improve the visitor's experience of the cities of art and culture, through the development of technologies and the offer of services aimed at enhancing and protecting the areas of historical and tourist interest. The project, through a series of coordinated research, development and field trials, intends to combine two distinct objectives:

- a) the improvement of the use of cultural heritage - tangible and intangible - of social infrastructures and spaces of interaction through the generation, enrichment, exchange, enhancement and distribution of historical information -cultural and accessibility for the visitor
- b) the safety of Cultural Heritage, of social infrastructures and spaces of interaction through which and in which the experience of those who visit or temporarily live the large metropolitan cities of art and culture is generated in order to reduce the perception of insecurity.

Partners:

iCampus S.c.a.r.l.; Space S.p.A.; ATI di PMI (Phoops S.r.l.; ENVISENS S.r.l.; NEXSOFT S.p.A.; Advanced Microwave Engineering ; Softec S.p.a.; Meta S.r.l.; O1S S.r.l.; O1S S.r.l. ; Nexse S.r.l. ; Mizar S.r.l.) Politecnico di Torino (DIATI, DAD, DIST); Università di Perugia; Università di Trento; Università "La Sapienza"; Consiglio Nazionale delle Ricerche (IAC, IASI, IRAT)



Financial support:

SMARTOUR project is co-funded (80%) by MIUR, The Ministry of University and Research, through the agency Invitalia. The total budget of the project amounts to 5.461.263,12 €, Politecnico di Torino receives a total amount of 457.574,89 €, of which 370.968.62 € are in charge of DIATI. The scientific director is Prof. Alberto Cina.

Project period: 01/07/2019 – 31/12/2021