# Smart Cities & Communities

## Mission

The Smart Cities & Communities National Lab aims to be an Italian competence center in the field of Information and Communication Technologies (ICT) for Smart Cities. Its main objective is the development of innovative solutions for improving the citizens' quality of life. As this requires a multi-disciplinary approach, the Lab is open to researchers working in areas different from ICT.

The Lab intends to cooperate actively with city administrators and industrial partners to implement joint research programs and technology transfer.

## Motivation

The Lab meets the following requirements of the national scientific community:

- ⊙ Reaching the critical mass to participate in major research initiatives, both at national and international level
- ⊙ Stimulating the cooperation among researchers from different institutions, making the development of innovative solutions feasible
- ⊙ Promoting collaborative actions based on common needs and shared strategies

## Research Areas

The research activities carried out within the Smart Cities & Communities National Lab cover both methodological and technological issues related to the adoption of ICTs in the following application domains:

- ⊙ E-Health
- ⊙ Food
- ⊙ Smart Energy & Smart Buildings
- ⊙ Mobility, Transports, & Logistics
- ⊙ Climate & Environment Management
- ⊙ E-tourism & E-culture
- ⊙ E-education
- ⊙ E-government
- ⊙ E-inclusion
- ⊙ Urban Security

## Governance

**Executive Director**
Prof. Antonio Puliafito, Università di Messina
**Vice-Director**
Prof. Eugenio Zimeo, Università degli Studi del Sannio
**Executive Board**
The Executive Board is composed of the Executive Director and the following members
- Prof. Giuseppe Anastasi, Università di Pisa
- Prof. Giuseppe Lo Re, Università di Palermo
- Prof. Leonardo Mariani, Università di Milano Bicocca
- Prof. Henry Muccini, Università de L'Aquila
- Prof. Paolo Nesi, Università di Firenze
- Prof. Gian Paolo Rossi, Università di Milano
- Prof. Eugenio Zimeo, Università del Sannio

## Organization and Nodes

The Smart Cities & Communities National Lab has a geographically-distributed organization. It consists of 31 Nodes (i.e., local Labs), located at different Italian Universities, and involves about 350 researchers. Each Node is directed by a local Coordinator. Here is the list of local Labs.

- Politecnico di Bari
- Università degli Studi di Bari "Aldo Moro"
- "Alma Mater Studiorum" Università di Bologna
- Università degli Studi di Brescia
- Università di Camerino
- Università degli Studi di Cassino e del Lazio meridionale
- Università degli Studi di Catania
- Università degli Studi di Firenze
- Università degli Studi di Genova
- Università degli studi dell'Aquila
- Gran Sasso Science Institute
- Università del Salento
- Università degli studi di Messina
- Università degli Studi di Milano
- Università degli Studi di Milano Bicocca
- Politecnico di Milano
- Universita' di Modena e Reggio Emilia
- Università degli Studi della Campania
- Università degli Studi di Palermo
- Università degli Studi di Parma
- Università degli Studi di Pavia
- Università degli Studi del Piemonte Orientale "Amedeo Avogadro"
- Università di Pisa
- Università Mediterranea di Reggio Calabria
- Sapienza Università di Roma
- Università degli Studi di Roma "Tor Vergata"
- Università degli Studi di Salerno
- Università degli Studi del Sannio
- Università degli Studi di Torino
- Università degli Studi di Udine
- Università "Ca' Foscari" Venezia

## Focus group

The Smart Cities & Communities National Lab leverages Focus Groups to promote research activities. Each Focus Group addresses a specific research area, or application domain, and aims at stimulating collaborations among researchers and facilitating relationships with the main stakeholders in the field. Focus Groups are also valuable means to exchange ideas and create the opportunities for multi-disciplinary research activities. Currently, the following Focus Groups have been activated:

- eCulture/Tourism
- eGovernment
- Smart Education
- Smart Energy/Buildings
- Smart Mobility
- Well-being, eHealth & Smart Food
- Big Data for Smart Cities

## Contacts

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