INTERNATIONAL URBAN COOPERATION
European Union

ROMA

Roma

EU-China Cooperation on Innovative and Smart Cities

Rome Municipality Cooperation Themes under IUC Programme

Tamara Lucarelli

Development Projects and EU fundings Department

EU-China Smart City and Technology Innovation Forum

June 11, 2019 - Chengdu

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The City of Rome

Population: 2,890,000 residents

Area: 1285 km² divided into 15 Dist.

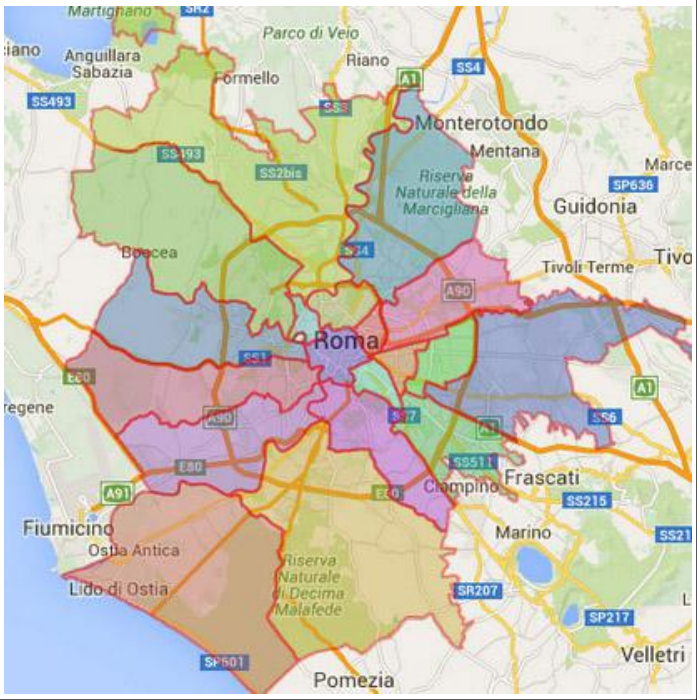
25,000 points of interest for the historical, artistic and archaeological heritage

35.3% of protected natural areas and urban green areas.

more than 180 foreign diplomats institutions

20 million annual Tourists

40 million nights spent in tourist accommodation establishments



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Economic features

As at March 2018, the city recorded 493.295 registered companies of which 77.819 are locals and 66,377 non-local (**3.408 registered Chinese companies in 2016**).

The vast majority are grouped in the following main industries: **food & hospitality, tourism and rental services, scientific and technological research**

China is placed among the top 10 Rome's commercial partners

Since 2013, the number of **innovative startups** increased of +109% and marking the following strength points:

- more than 50 smart working centers
- 5 technology transfer centers
- 12 FabLabs (Fabrication Laboratory)
- more than 20 entrepreneurship program.

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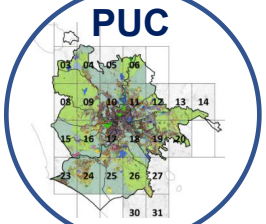
Rome Urban Planning & Strategies

PUC



PQC
Piano Quadro della Ciclabilità

PUMS
Piano Urbano della Mobilità Sostenibile

PAESC
SECAP

RESILIENT

Programma Integrato "Pietralata"

SDO
Sistema Direzionale Orientale

PEDs / PEBs

Smart Energy Districts
ZEEDs / PEDs

PMPC
Piano per la gestione e riduzione dei materiali post- consumo

SMART CITY

Smart Grids
E-Mobility
Renewable Energies
Users involvement

Sustainable Energy and Climate Action Plan

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SMART CITY

Rome Smart City Plan:

Digital Agenda (adopted on 2017)

Triennal Plan for Digital Transition

Simplification of processes and

Open services for all Citizens

IUC
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Smart Technology for Tourism and Cultural Heritage

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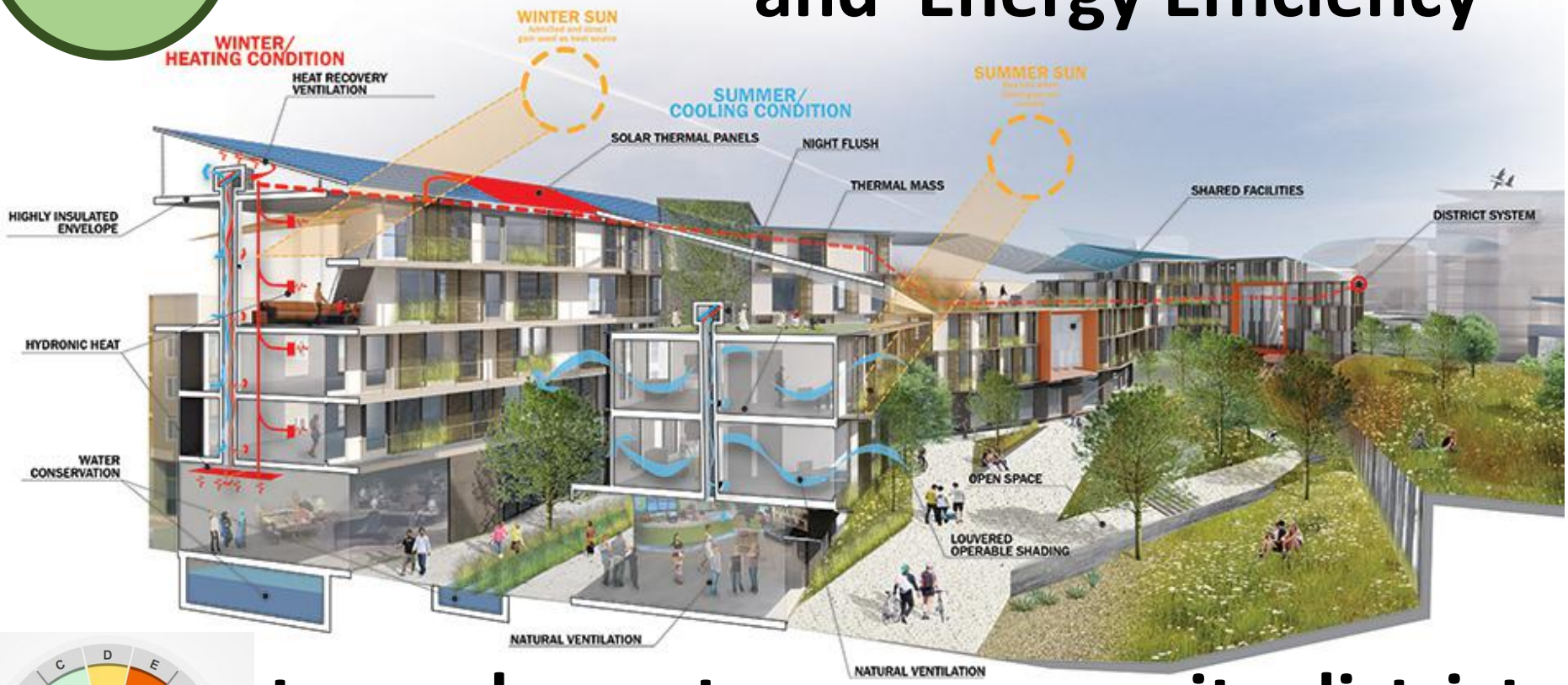
Smart Energy Districts

Renewable Energy Sources and Energy Efficiency



toward smart zero-energy city districts

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Smart Energy Districts

Positive Energy Blocks within a Smart Energy District

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Age-friendly city topic areas

CLUSTER COOPERATION APPROACH

Smart city & Digital Transition

AGEING SOCIETY

The world is rapidly ageing: the number of people aged 60 and over as a proportion of the global population will double from 11% in 2006 to 22% by 2050.

The topics cover the features of the city's structures, environment, services and policies that reflect the determinants of active ageing.

These eight aspects of city life overlap and interact and they are also the determinants of active ageing.

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Centro di Ricerca
Interdisciplinare Territorio
Edilizia Restauro Ambiente Citera

Sapienza
Università di Roma

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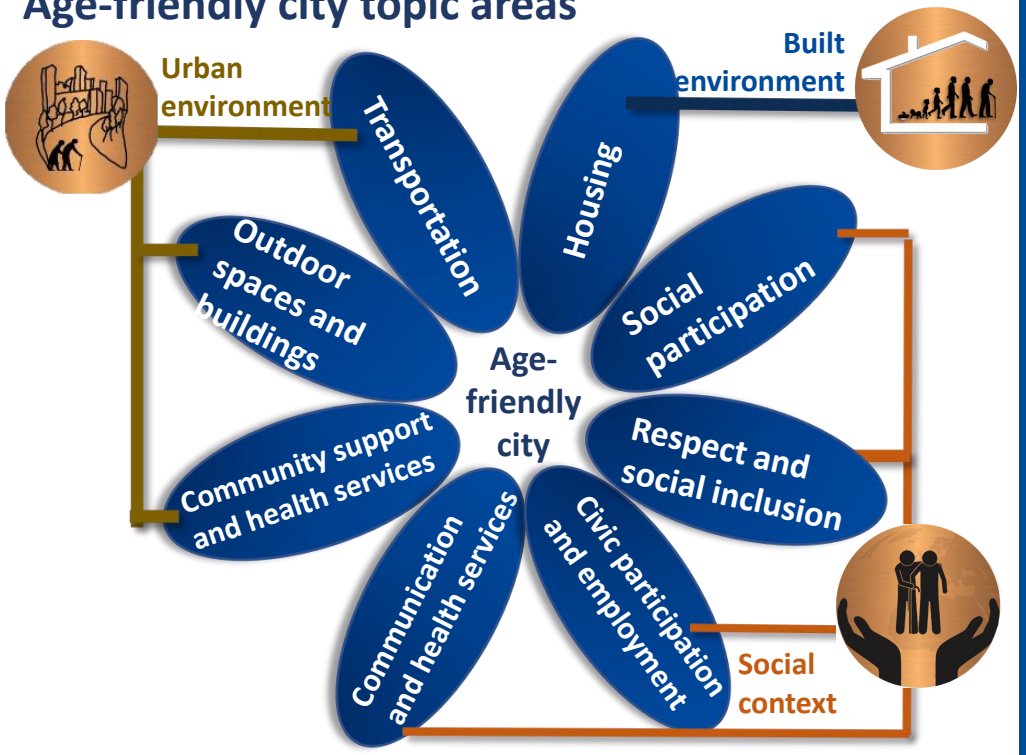
Age-friendly city topic areas



Smart city & Digital Transition

CLUSTER COOPERATION APPROACH

AGEING SOCIETY

The certification proposed analyzes three main topics:

- **Built environment**
- **Urban environment**
- **Social context**

The certification is proposed as a guidelines for an age-friendly architectural design and urban planning.

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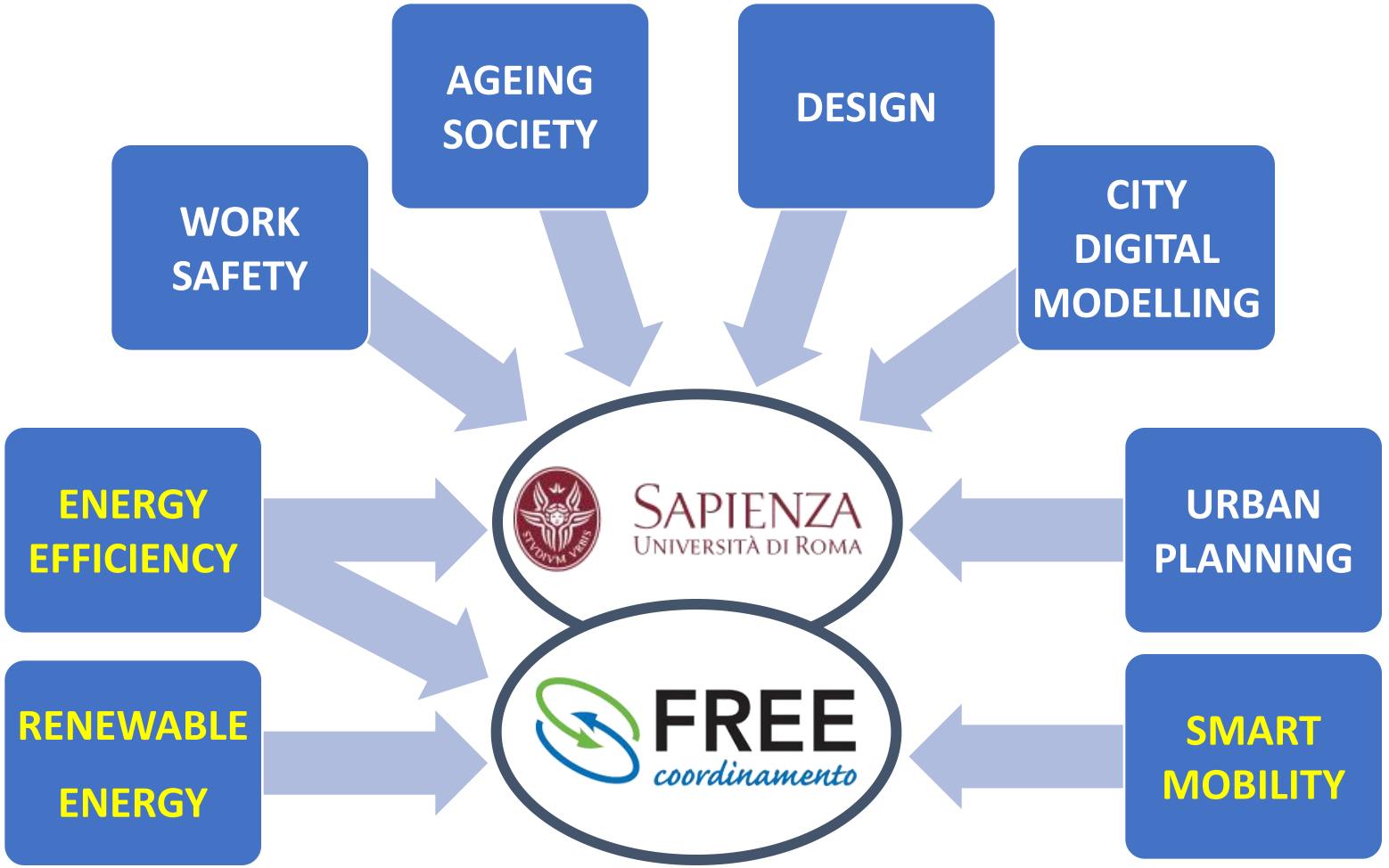
Academic and Business Cooperation Topics



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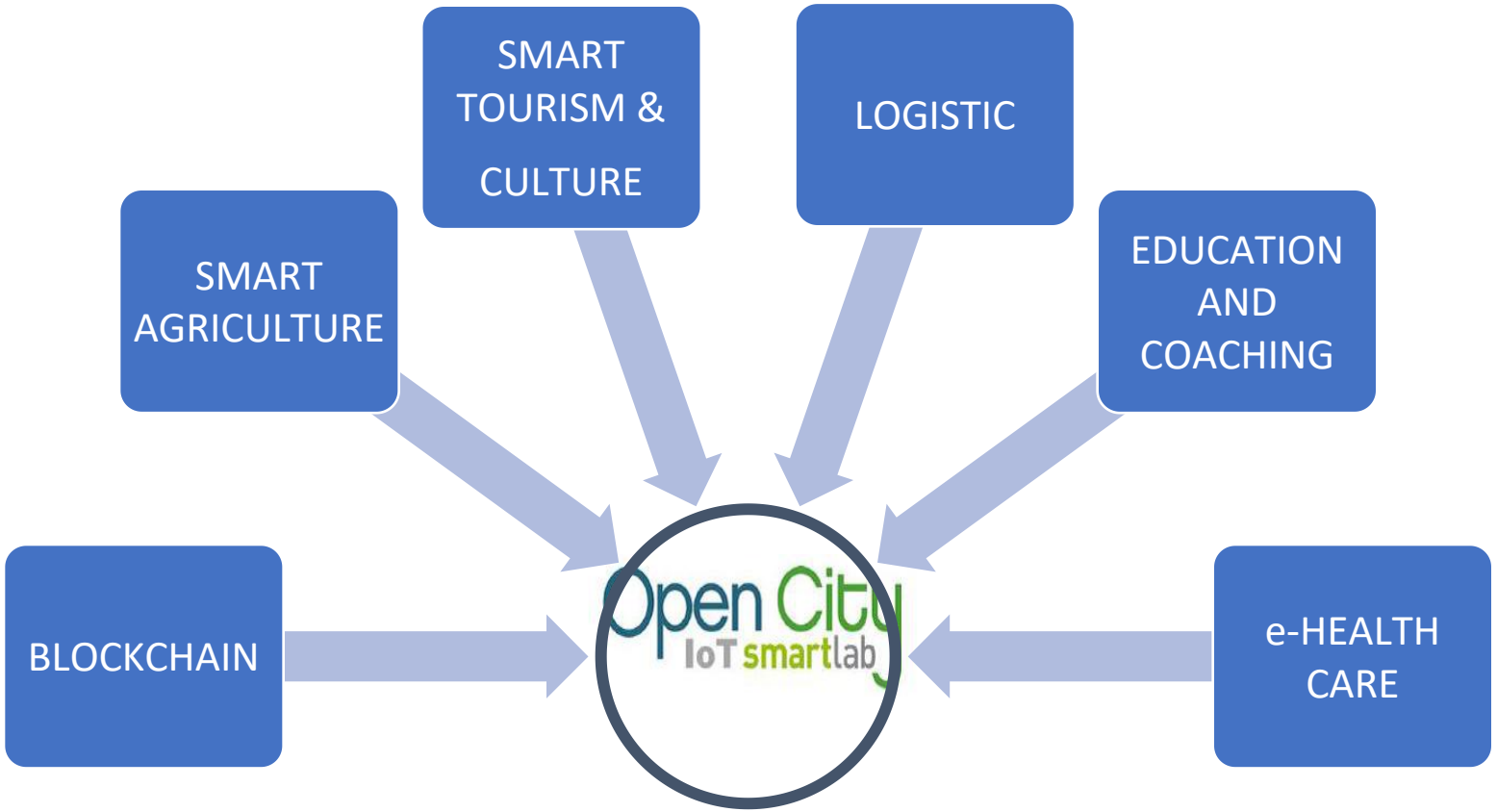
Business Cooperation Topics



Academic and Business delegation from Rome operating in various fields will participate to the free exchange and one to one meeting.

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International relations through EU projects

RESEARCH AND INNOVATION

CS-AWARE - Cybersecurity situational awareness and information sharing solution for local public administrations based on advanced big data analysis

SMARTICIPATE - Smart services for calculated impact assessment in open governance

SMR - Smart Mature Resilience

CITY RISKS - Avoiding and mitigating safety risks in urban environments

MOBILITY AND SECURITY

ELVITEN - Electrified L-category Vehicles Integrated into Transport and Electricity Networks

CITYLAB - City Logistics in Living Laboratories

MYCORRIDOR - Mobility as a Service in a multimodal European cross-border corridor

Rome Urban Core Network Node

NOVELOG - New cOoperative business modEls and guidance for sustainble city LOGistic

SYSTEM - SYnergy of integrated Sensors and Technologies for urban sEcured environMent

SOCIAL INCLUSION

ROMUNICARE Integration beyond the clichés

Build Future, Stop Bullying

RoSaE - Rome and Sarajevo for Europe

ENVIRONMENT

Life4Soil

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Investments with EU funding

EUR 110 million of ESI funds

Sustanaible Mobility, Digital Agenda,
Social inclusion, Administrative Capacity

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