# Digitalizzazione e innovazione per città sempre più smart Salone CSR Milano

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### Smart cities and innovation ecosystems

- Cities as places where the concentration of people and economic activities may be a source of externalities, innovation, and growth
- Rapid urbanization also comes with negative externalities
- Innovation ecosystems as underlying mechanisms fostering the formation and growth of smart cities

"evolving set of actors, activities, and artifacts, and the institutions and relations, including complementary and substitute relations, that are important for the innovative performance of an actor or a population of actors" (Granstrand and Holgersson, 2020).



### **MUSA: the vision**

#### We propose an ecosystem model that will scale at regional and national levels starting from Milan, an innovative and entrepreneurial, multi-layered metropolitan city that is undergoing profound transformations

- An innovation model based on 4 universities of excellence, industries, local government, and civil society to boost innovation, competitiveness, and business opportunities, aiming to become a European example of excellence
- A **novel model of public/private collaboration** and citizens' engagement to tackle innovation from societal, environmental, and technological perspectives
- A focus on *urban regeneration and sustainability aiming to* impact land, water, air, and energy through in-depth involvement of the social and digital dimension
- Making Milan metropolitan city *a European example of excellence* by responding to sustainable and inclusive growth needs through research, human capital empowerment, and knowledge transfer.











## People

## 973 Researchers involved

785 faculty members
315 women (41%)
194 recruited
108 women (56%)















## 194 recruited

29% PhDs30% Researchers (RTDa)35% Researcher fellows6% Technologists

Average age: 32.3 years

18% of recruited PhDs are foreigners

MUSA MULTILAYERED URBAN SUSTAINABILITY ACTION













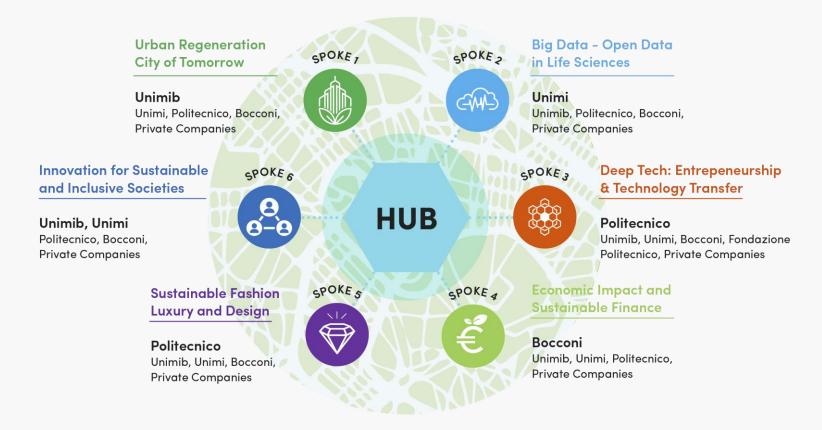
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