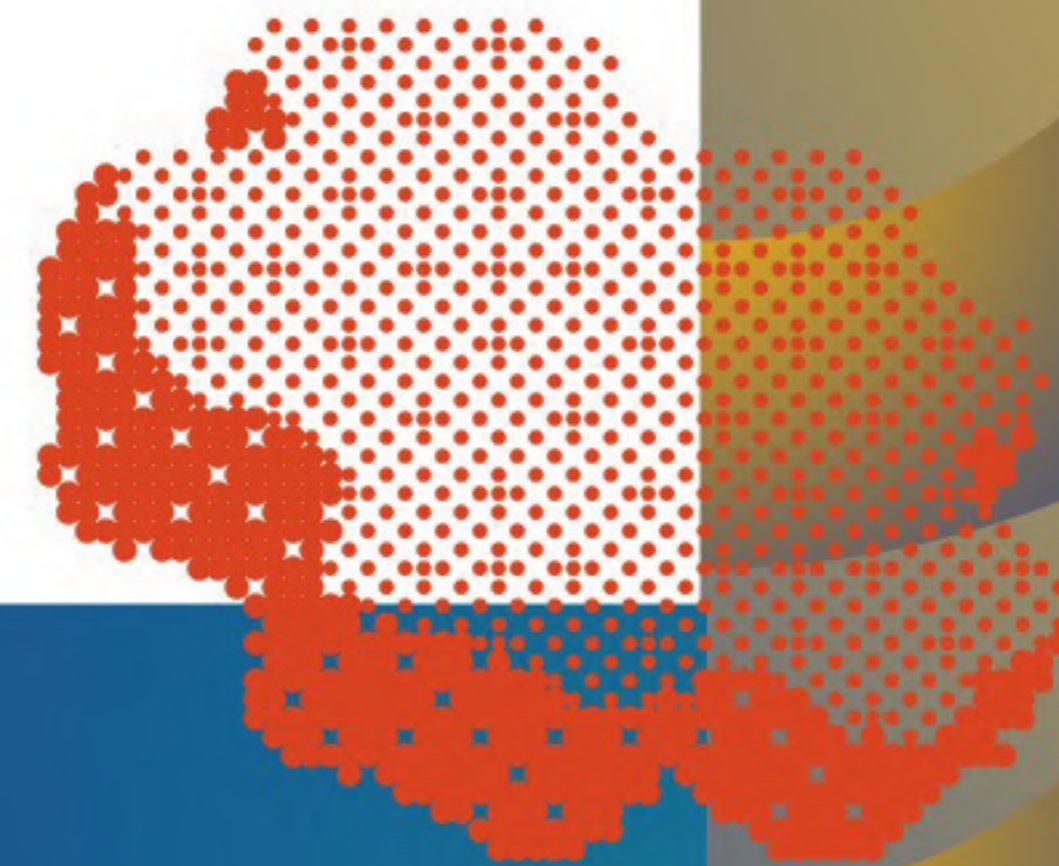
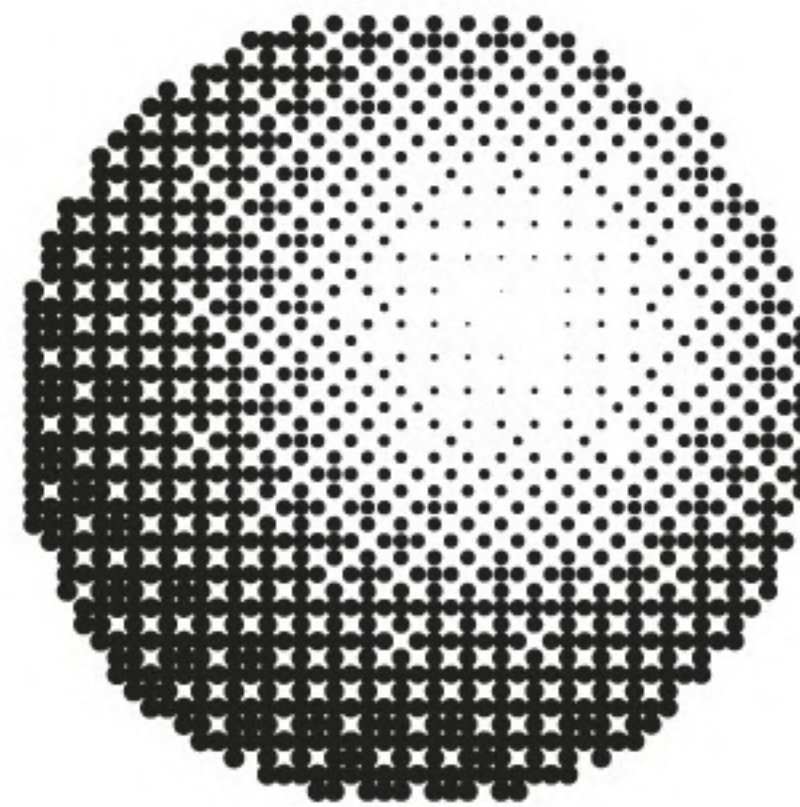


Bologna

City of knowledge



An Overview of the City

- ▶ **1.016.034 inhabitants** in the metropolitan area;
- ▶ **University of Bologna: +80,000 students, 8% international;**
- ▶ **+300 patents** per year > **30 research products** per day;
- ▶ **30 research products** per day;
- ▶ **+300 innovative registered start-ups;**
- ▶ **+60 innovation hubs** such as incubators, accelerators, fablabs e techno-hubs;
- ▶ **4th Supercomputers** in the EU (Leonardo);
- ▶ **1 Technophole DAMA** hearth of the Data Valley.





**A model in which
knowledge, innovation
and human capital are
pervasive forces
driving development
and competitiveness.**

- ▶ Innovative infrastructures;
- ▶ A thriving ecosystem of excellence;
- ▶ A legacy of democratic innovations;
- ▶ A city open to experiment innovation for people.

A strategy that weaves together metropolitan policies and urban planning actions.

The vision of a metropolitan territory based on **3 priority areas** to project Bologna into the future, focusing on attracting new investments and a new industrial policy, based on sustainability and digital transition, talent attraction and retention.

Priority areas

Science, research and advanced training

Widespread knowledge and culture

Innovation and impact for economic development, quality work and international appeal



Policies for innovation and attractiveness

BIS *Bologna Innovation Square* is the innovation platform designed to promote innovation through the creation of synergies and projects capable of consolidating and strengthening innovation in the economic system.

To foster digitalization and ecological transition of the companies by encouraging their voluntary and open collaboration.

56
members

Institutions

Talents

Funds and finance

Research Centres

Startup

Associations

Innovation Centres

For-profit and
no profit companies

Co

BIS represents:

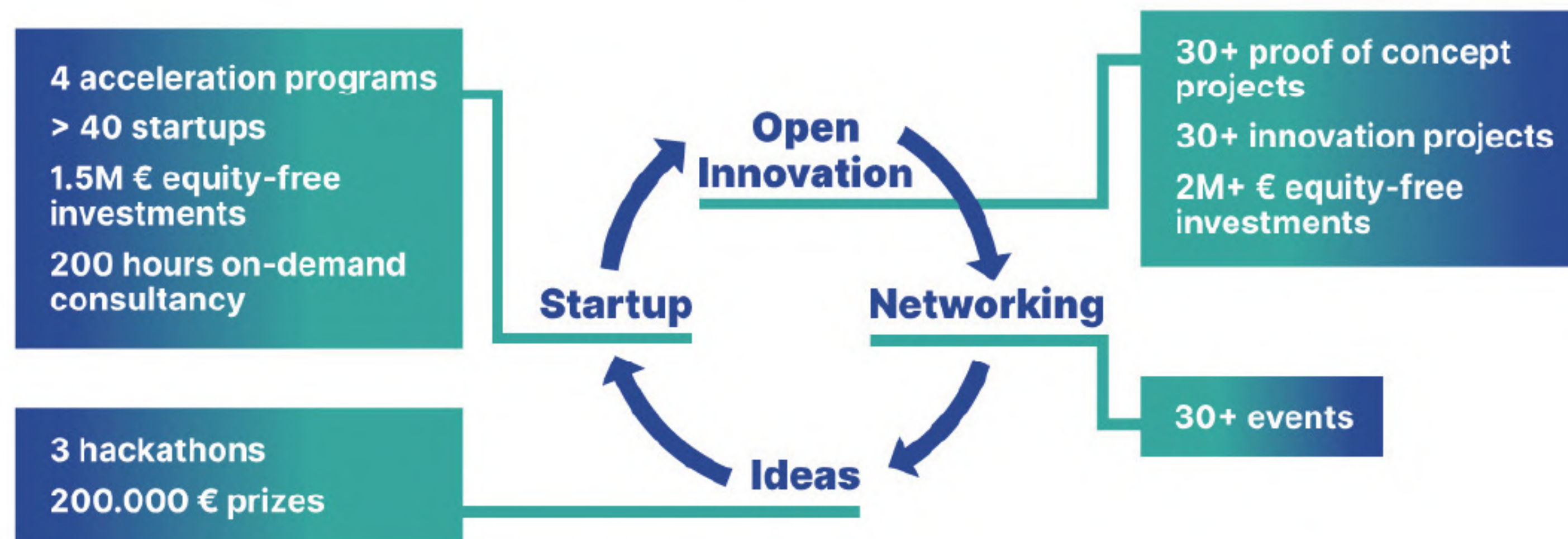
- ▶ **The innovation square**, a place of discussion and collaboration for the organizations based on the metropolitan area of Bologna;
- ▶ **The commitment of the local innovation ecosystem** to contribute to the realization of Bologna - City of Knowledge plan;
- ▶ **An alliance** to make the metropolitan economic system one of the best place in Europe to grow a business.

4 topic

Impact of techno-hubs & digitalisation	Innovation for ecological transition	Talent attraction	New entrepreneur ship	Companies and future entrepreneurs
				Public administration
				Citizens

3 target audience

The goal: to enhance the evolution of the territory towards a conscious and intelligent use of technology and promote the development of innovative solutions, the birth of new business ideas, the technological transfer towards SMEs and to enhance the role of the Bologna Technopole.



- ▶ 16 partners
- ▶ 20M € budget
- ▶ 70+ people
- ▶ 12 locations
- ▶ 100+ tech equipments
- ▶ 7 5G indoor networks



Invest in Bologna is the investment service offered by the Municipality and the Metropolitan City of Bologna.

It is part of the investment attraction system in the Emilia-Romagna region.

AIMS:

- ▶ Promoting the metropolitan ecosystem, highlighting invest opportunities, providing ongoing support to investors;
- ▶ Support the creations of the **enabling conditions**;
- ▶ **Being a reference**, for international investors and companies.

Bologna for Talent is the service of the Metropolitan City and the Municipality of Bologna that supports companies and research centers in attracting and retaining national and international highly skilled Talent for the innovation of the economic system.

Bologna for Talent make available to companies and research centers:

- ▶ A relocation support, aimed at facilitating the moving process of new employees;
- ▶ Projects with companies for attracting and retaining talent.

We encourage to invest in the metropolitan area facilitating the first phase of settlement.

Target

Startups, corporates & investors, with differentiated spaces according to specific needs.

What

With an offer of **spaces and** services for settlement, consolidation and business growth.

Localization

800 sqm, 6 private offices, **18 desks** coworking, **3** meeting rooms near the Dama Technopole area.



The Digital Twin

The Bologna Digital Twin is an initiative led by the Municipality of Bologna, in collaboration with the University of Bologna, CINECA, Bruno Kessler Foundation, and IU Rusconi Ghigi Foundation.

Aim: to create a novel civic infrastructure to facilitate data-driven decision-making within the city.

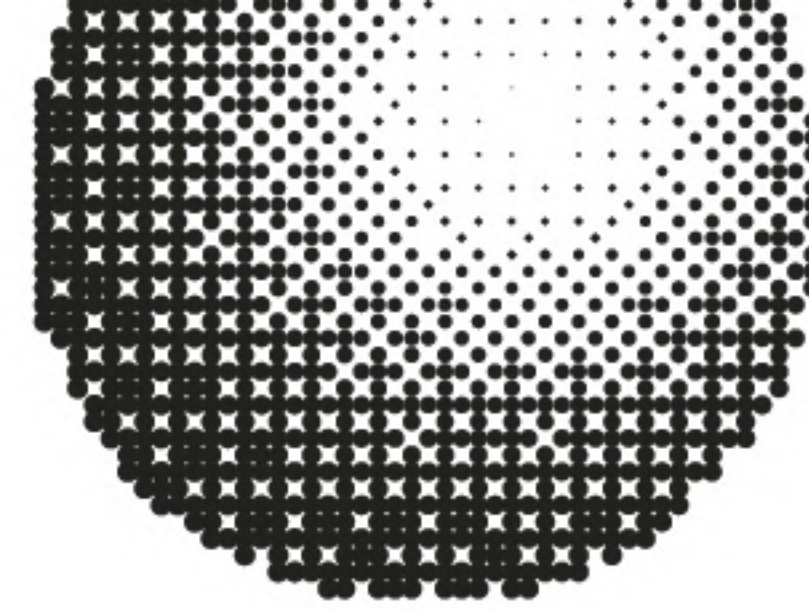
The Bologna Digital Twin is supported by an initial investment of **7 million** euros from national and European funding sources.

A DATA PLATFORM that collects analyzes, integrates, visualizes and simulates urban data.



A TRANSFORMATIVE PROCESS for governance, citizen engagement, and the establishment of international networks, grounded in research and experimentation.

A POLICY model that raises awareness of the value of data, regulates its use in favor of citizens, and guides the generation of public value.



Urban planning actions: the Path of Knowledge



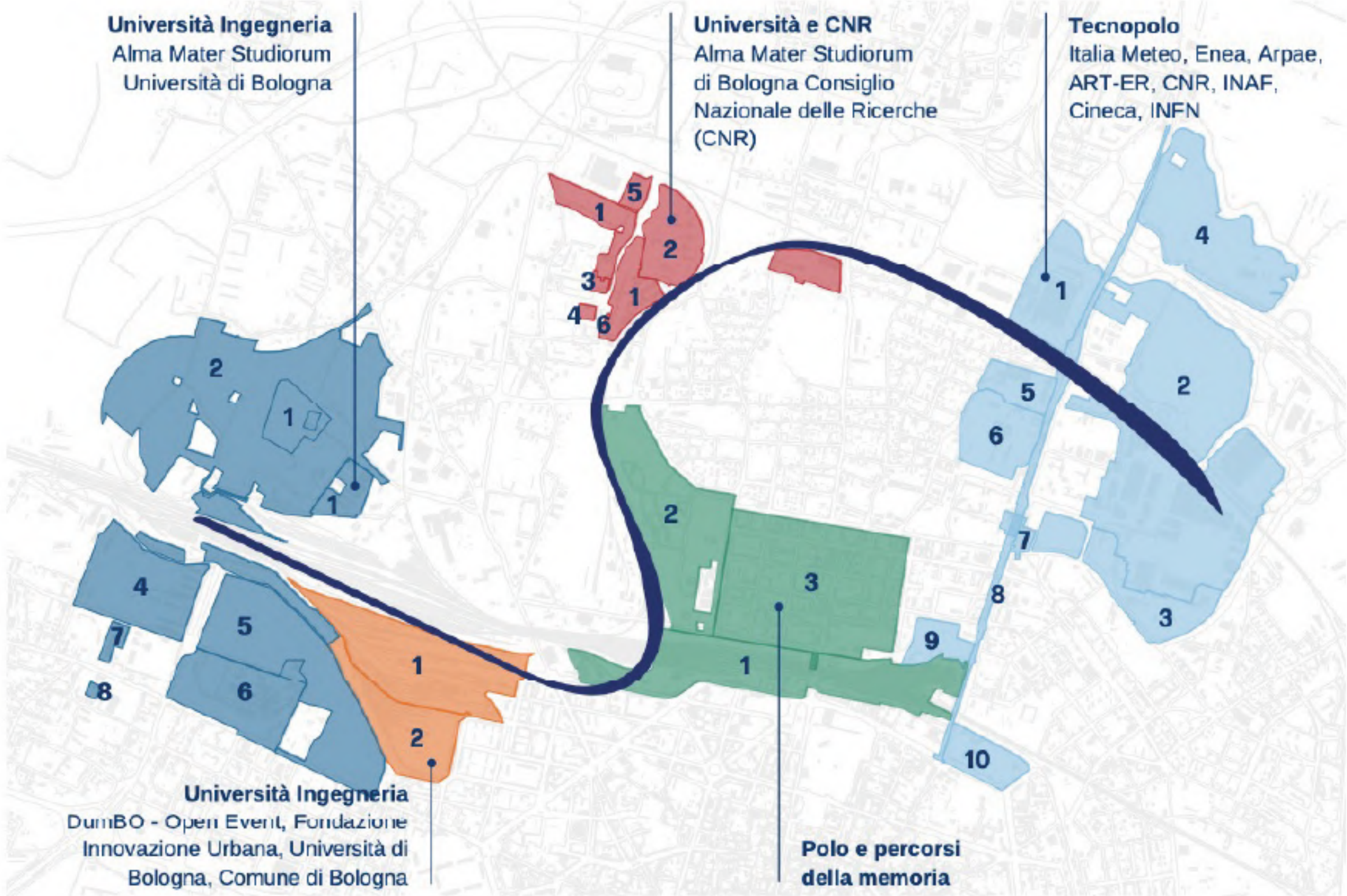
The Path of Knowledge

The Path of Knowledge is an urban regeneration project for the north-west quadrant of the city, **connecting and positioning the urban spaces in which Bologna's main research and innovation hubs and areas of opportunity and transformation are concentrated.**

The ensemble of locations in the City of Knowledge consists mainly of **five districts** that host activities of great scientific, technological and/or cultural relevance for the city, and offer further development possibilities with the regeneration of brownfield sites. Among them, the **Ex-Scalo Ravone** area, which will be the centre of the new **District of Mutualism, social and cultural innovation and collaborative economy in Bologna.**

The Path of Knowledge

The investment line “Integrated Urban Plans” (PUI), under the National Recovery and Resilience Plan (M5C2 - Inv. 2.2), is the instrument that will trigger the tangible implementation of this strategy.



The Path of Knowledge

TEK District

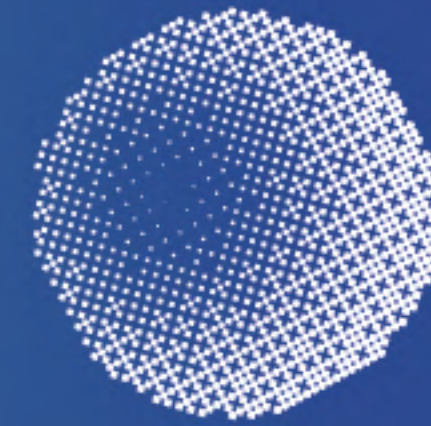
Committed public investments

- ▶ **810M** for the realization of the Red Line (BRT);
- ▶ **500M** for the Tecnopolo Manifattura Data Valley Hub;
- ▶ **11M** for the DLF sports and cultural park;
- ▶ **6M** 10 km of cycling route.

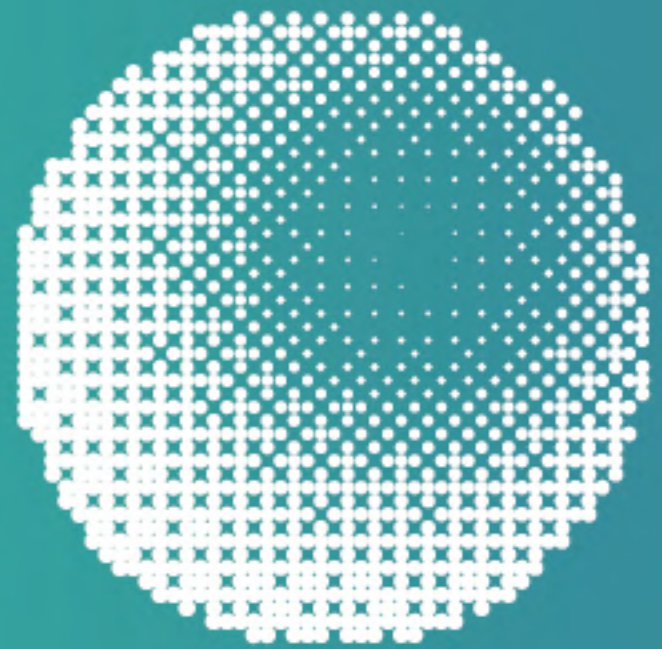
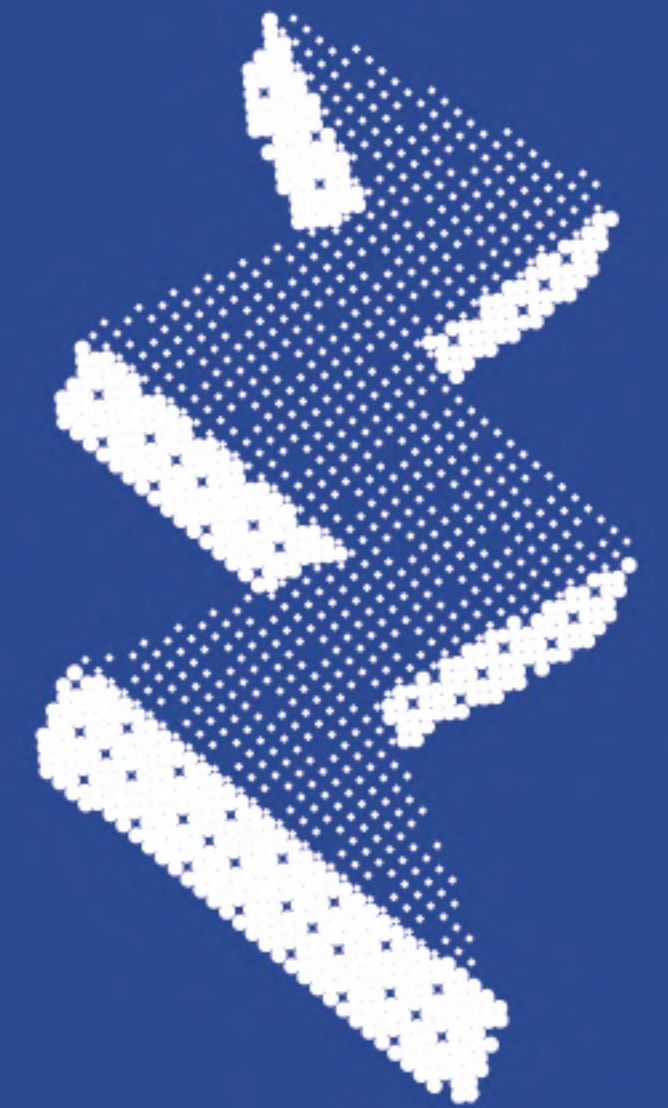
Projects for sustainability

- ▶ **85 ha** Energy Park HERA;
- ▶ **20 GWh/year** of renewable energy produced by the HERA Energy Park.





Thanks



**Joint Department for Economic Development,
Enterprises, and Employment
Metropolitan City and Municipality of Bologna**

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