



The urban dimension in the innovation policy: Roxbury Innovation Center in Boston

Preliminary Insights from Cluster-led Initiative Analysis Working Package No. 2 Cluster Policy and Spatial Planning

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The urban dimension in the innovation policy: Roxbury Innovation Center in Boston

Outline

I. FIRST PART: Target Area Analysis

- Roxbury Innovation Center: Target Area Localization and Key Indicators;
- General Description.

II. SECOND PART: Innovation Policies and Tools

- Innovation Policies;
- Planning tools hierarchies from County to Urban Level;
- Innovation-oriented tools: PDA Boston.

Conclusions

- The role of Innovation Spaces as expression of knowledge dynamics;
- Specificities of the Target Area and significance in respect of the European contest.





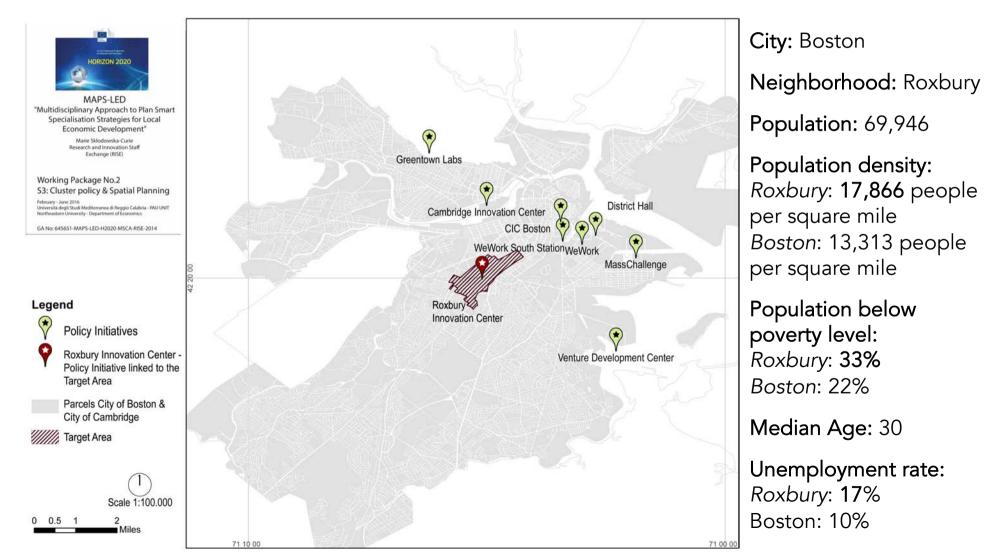
FIRST PART Roxbury Innovation Center: Target Area Analysis





I. FIRST PART: Target Area Analysis

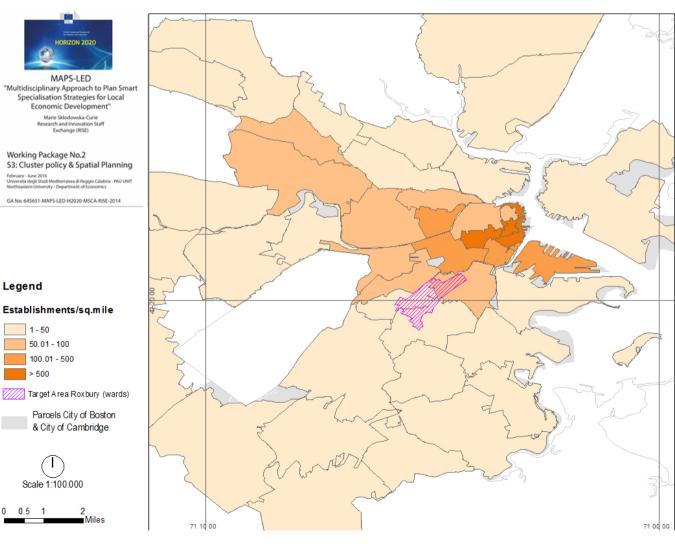
Localization







I. FIRST PART: Target Area Analysis



Roxbury is one of the poorest neighborhood in Boston, also in terms of cluster's establishments, however, the Government is implementing several development policies and regeneration initiatives to boost innovation and growth.



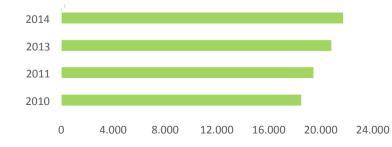


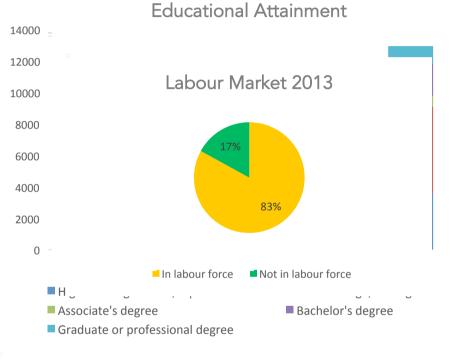
I. FIRST PART: Target Area Analysis

• Key Indicators

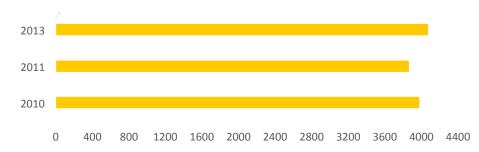














The unemployment rate of workers 16 years and over in Boston was 7.3% (2009-2013).

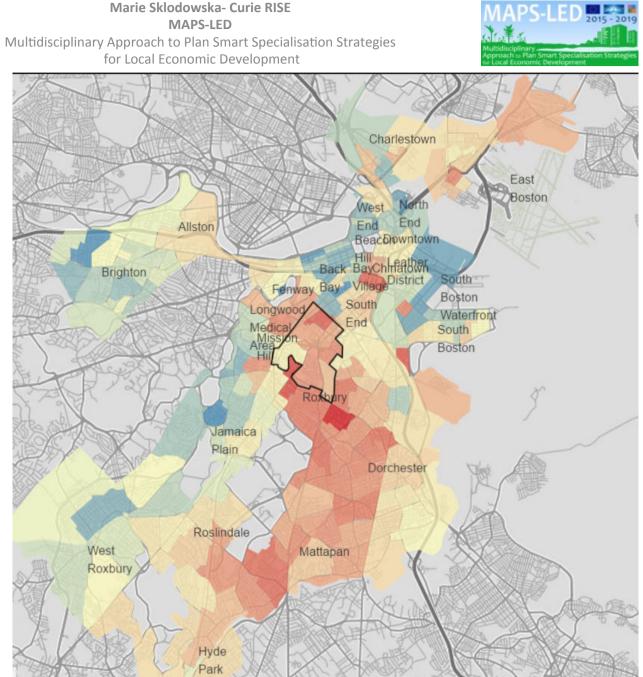
Blue tracts had lower unemployment. **Red** tracts had higher unemployment.

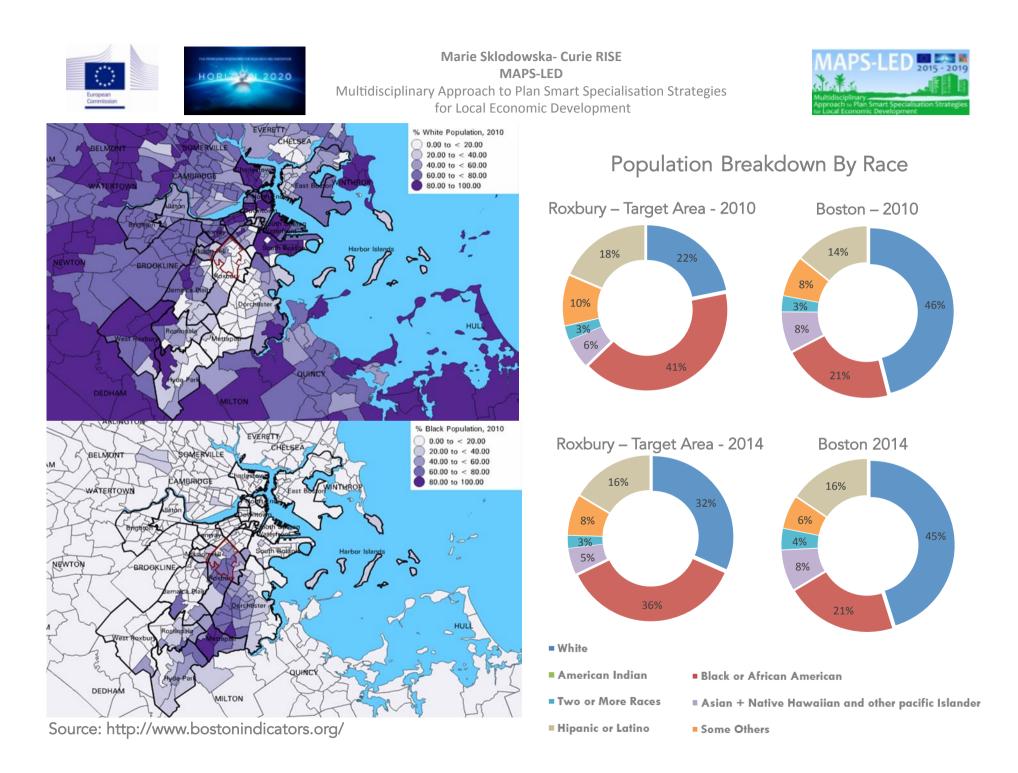


Target Area Roxbury

The unemployment rate in the Target Area ranged from 9% to 25% (2009-2013).

Source: github.io/boston -OpenStreetMap







17.6% of families had income in the past 12 months below the poverty level in Boston (2009-2013).

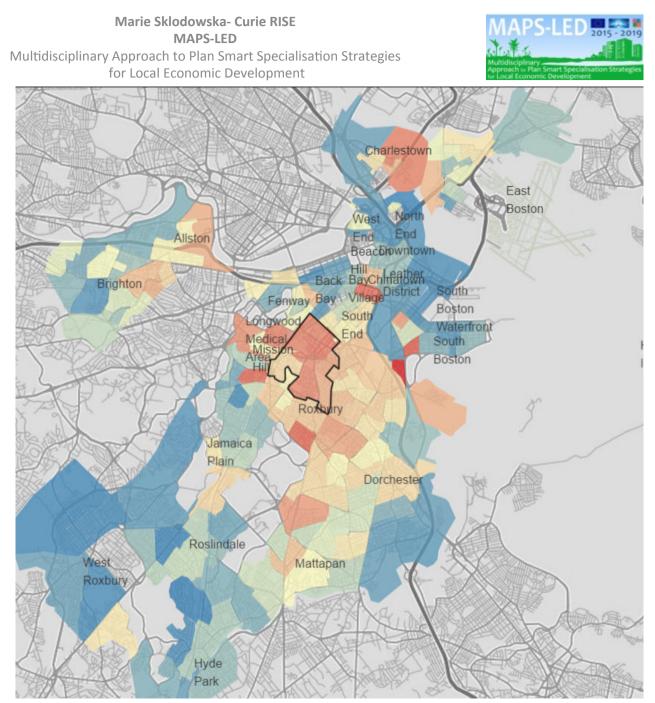
Blue census tracts had lower rates of poverty. **Red** census tracts had higher rates of poverty.



Target Area Roxbury

The percentage of families that had an income below the poverty level ranged from 25% to 43% in the Target Area (2009-2013).

Source: github.io/boston -OpenStreetMap





The median household income in Boston was \$53,601 (2009-2013).

Purple tracts had lower median household incomes. **Green** tracts had higher median household incomes.

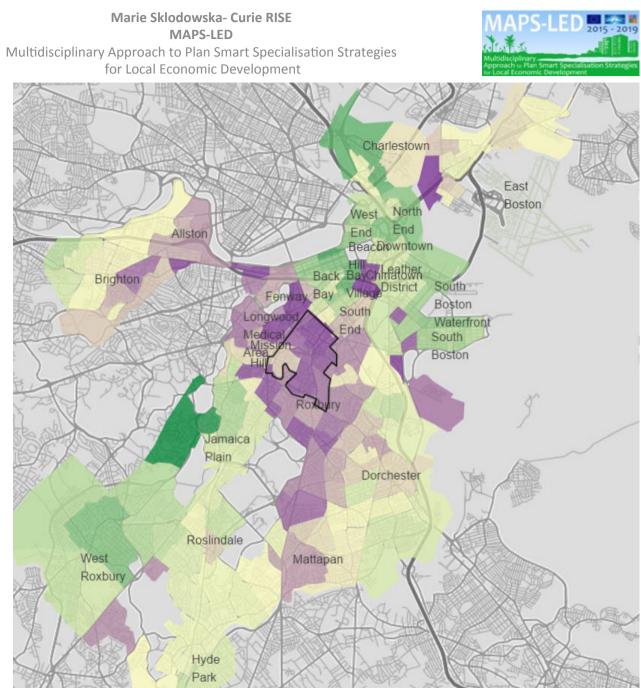


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Target Area Roxbury

The median household income in the Target Area ranged from \$18,000 to \$44,000 (2009-2013).

Source: github.io/boston -OpenStreetMap





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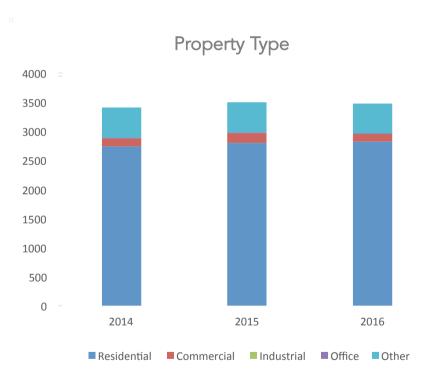
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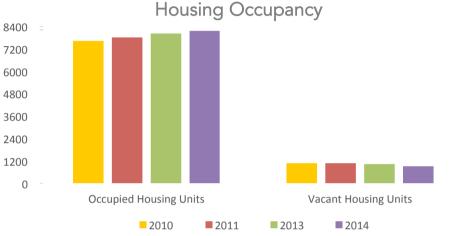
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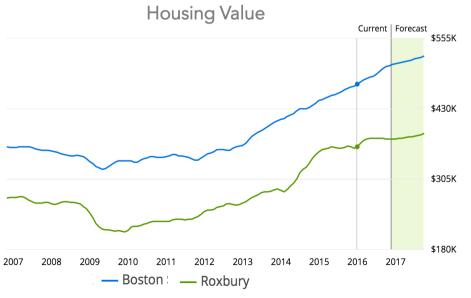


FIRST PART: Target Area Analysis

Key Indicators ٠







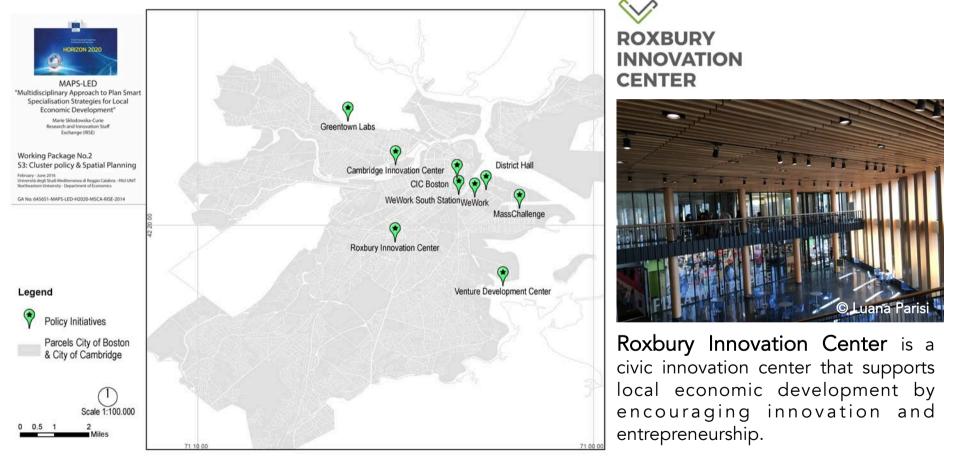
Source: www.zillow.com





I. FIRST PART: Target Area Analysis

General Description



"I want to bring the future economy to every Boston neighborhood. The Roxbury Innovation Center will be the catalyst for Dudley Square." Martin J. Walsh, Mayor of Boston





I. FIRST PART: Target Area Analysis

- General Description
 - The Venture Café Foundation operates Roxbury Innovation Center as a mission-driven not-for-profit gathering and event space.
 - The Venture Café's mission is to connect the innovation community and build a more inclusive innovation economy.
 - The Roxbury Innovation Center enhances and accelerates the innovation process through spaces, programs, and events for individuals and organizations to gather and build relationships.
 - It provides training programs and hosts open classes targeting the needs of the community.



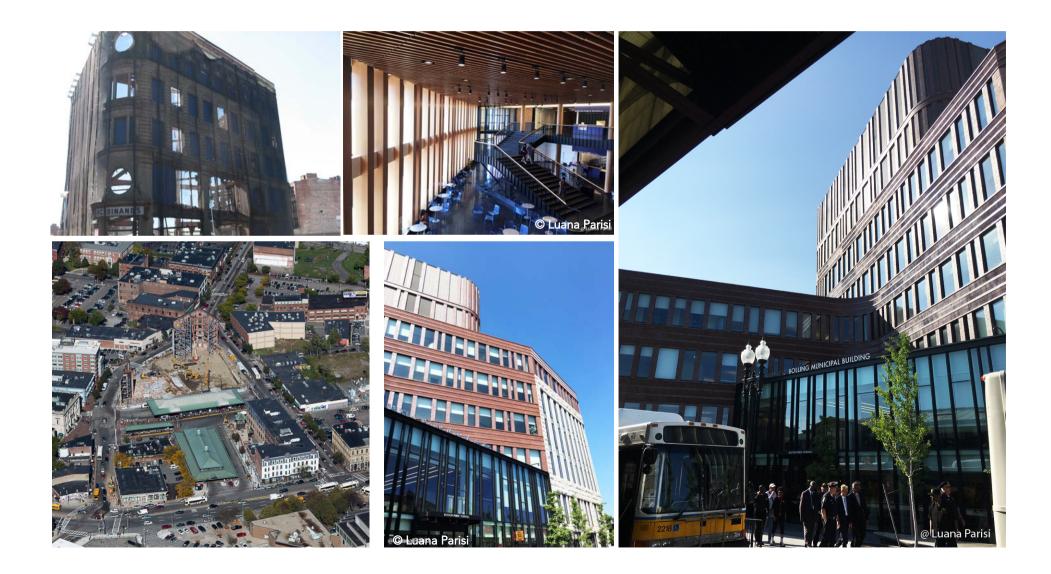


BUILDING PARTNERS





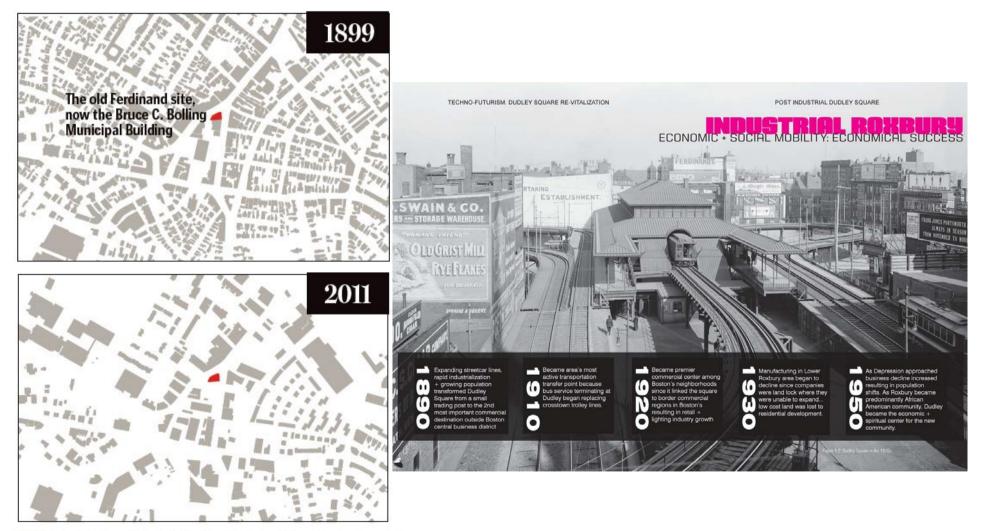
I. FIRST PART: Target Area Analysis







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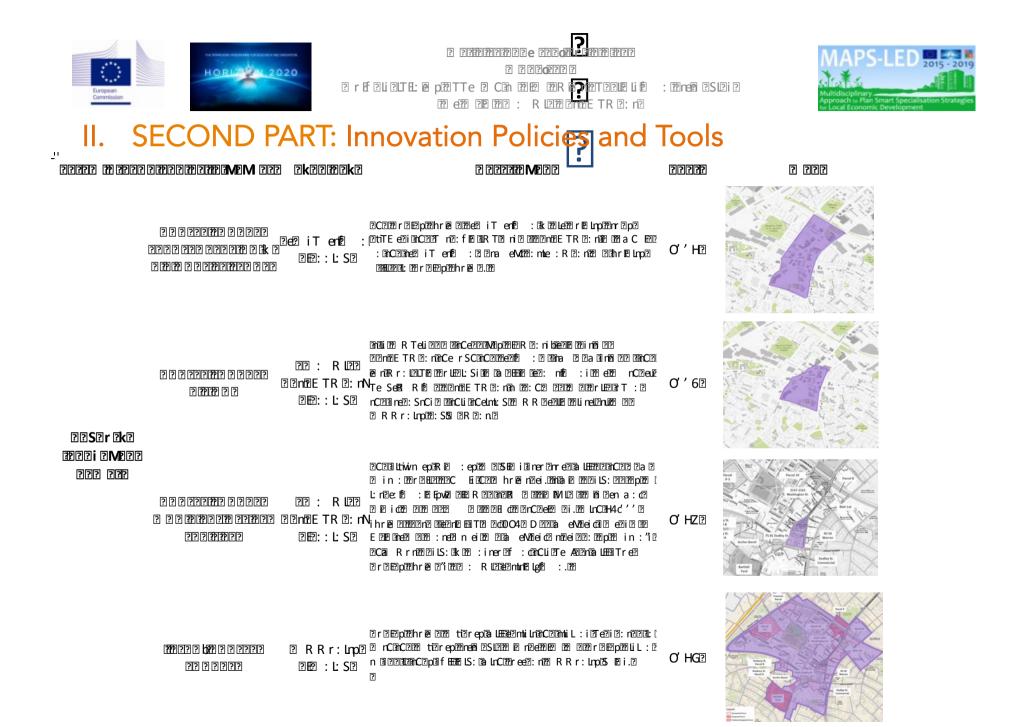


SOURCES: Boston Redevelopment Authority; Te Ming Ching, Urban Design; US Census; American Community Survey





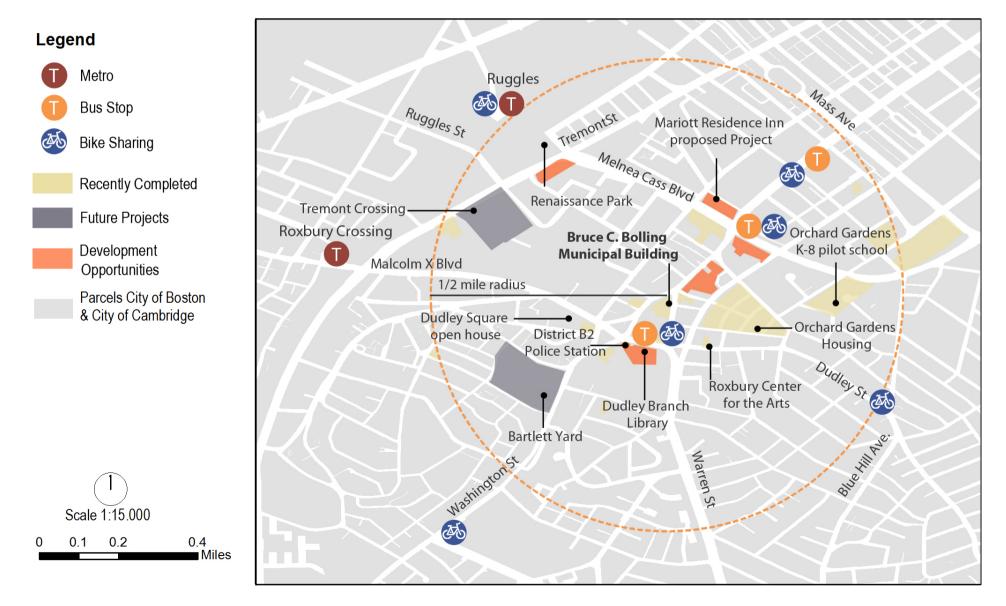
SECOND PART Innovation Policies and Tools







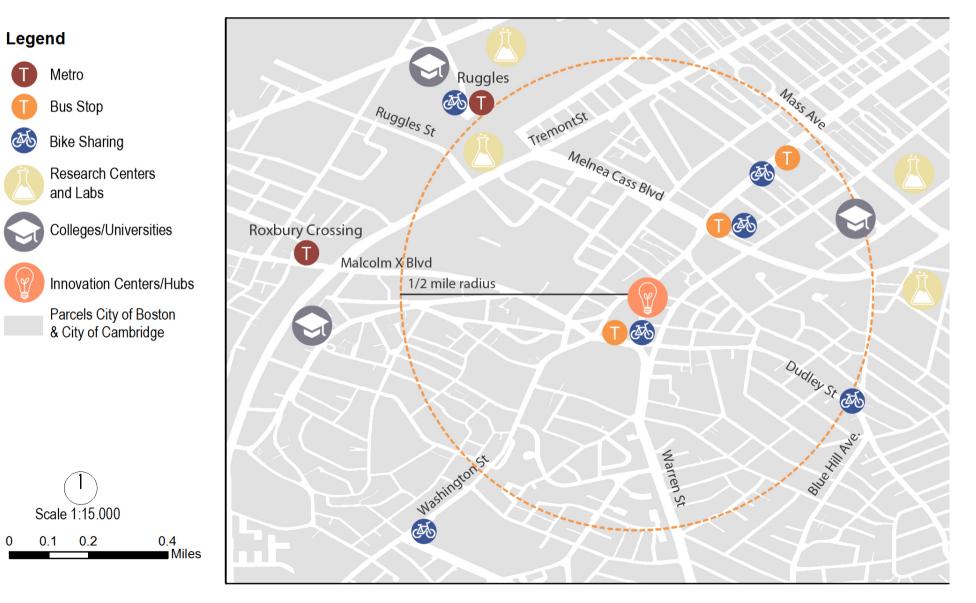
II. SECOND PART: Innovation Policies and Tools







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II. SECOND PART: Innovation Policies and Tools

Innovation-oriented tools: PDA Boston

Metropolitan Area Planning (promotes smart growth and regional collaboration)

> City Comprehensive Plan (Implements the Zoning)

> > PDAs/ PUDs & other tools (EDAs NDAs..)

We focus on PDAs/PUDs because they are the Regulatory Processes by means of which are promoted new developments into the cities of Boston and Cambridge.

PDA: "An overlay zoning district which may be established under Article 80 where a development that is well-suited to its location cannot be accommodated by the general zoning for the area. For example, a PDA may be appropriate where a development involves a large building, a cluster of buildings, or a mix of uses."

The Planned Unit Development (PUD): zoning designation intended to create a built environment superior to that which is accomplished through conventional zoning districts. This is achieved by allowing the PUD rezoning applicant to propose the uses, development standards, and design guidelines for a site, and by doing so, entering into a collaborative review process.



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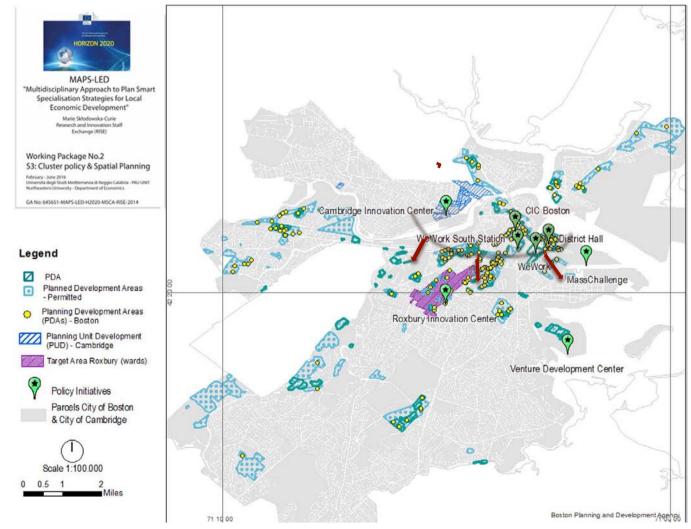


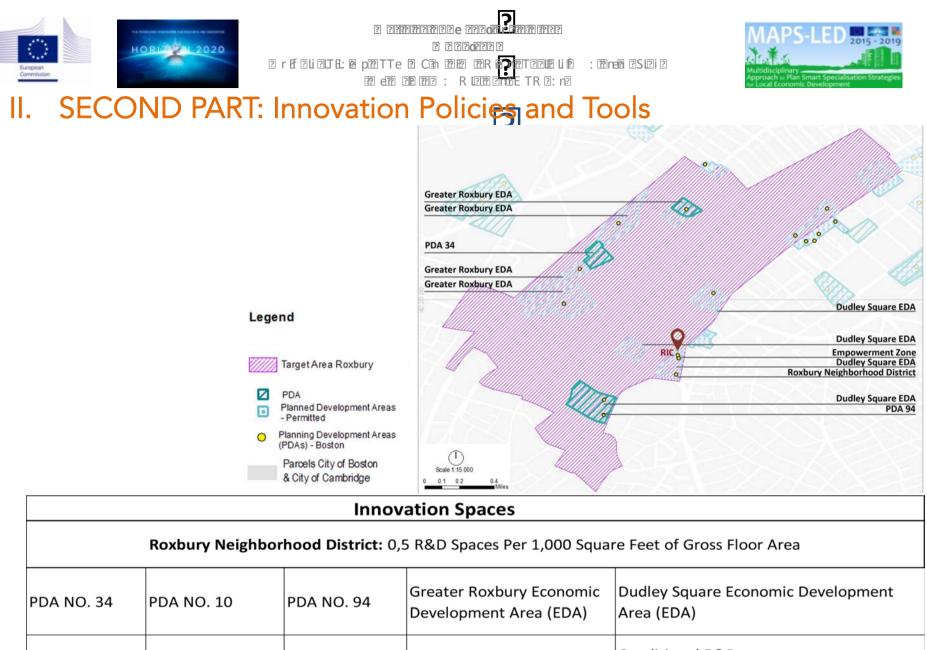
II. SECOND PART: Innovation Policies and Tools

Localization of the *Roxbury Innovation Center* Target Area with respect to all the PDAs and PUDs of the cities of Boston and Cambridge.

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The **expansion of innovation** is following the directions of the knowledge dynamics, determining urban transformations.





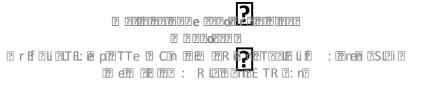
Not Specified	Not Specified	Not Specified	Allowed R&D uses	Conditional R&D uses 3,350 sq. ft. of incubator space for local
				startups (Dudley Municipal Building)





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II. SECOND PART: Innovation Policies and Tools







CONCLUSIONS





The role of innovation Spaces as expression of knowledge dynamics

Colm Lydon, Deputy Superintendent, Boston Police Department (Personal Interview on 30/06/2016)

There has been a huge plan to **connect Roxbury down**... The administration hopes Roxbury will be the next South End neighborhood, it wants to make sure that **people go back there** with their families...

Kevin Wiant, Executive Director of the Venture Cafè Foundation (Personal Interview on 25/06/2016)

... Here in Roxbury every intervention is very **much locally focused**, there are a lot of local community outreach activities... people come in, involved in very **productive programs** which give the basics of starting a company up, as well as basics on how to use some technology which you might need to start a company, so we do what we call **stem training** for both adults, as well as students... we are also more active in doing some **students programs**...

An innovation center into a deprived neighborhood is an **opportunity**... and... One reason why Menino administration wanted a new building here was to provide not just headquarters for Boston Public Schools, but a **gathering point for people**...





The role of innovation Spaces as expression of knowledge dynamics

- Through the target area analysis of the MAPS-LED project, it emerged the role of the overlay districts, as PDAs and PUDs. They can be considered as tools related to Urban Regeneration processes representing the on-going transformations in the areas, locally acting in the direction of the knowledge dynamics, as a boost for the economic development and urban competitiveness of the whole urban system.
- **Possible output**: it does not exist a "one size fits all", yet this is a good example of how to trigger urban regeneration processes and augment innovation in the most lagging regions of Europe, where it can be considered a policy intervention of the S3.





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Thank you!

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Marie Curie ER/ESR – MAPS_LED Project

MAPS-LED First Mid-term Meeting 30.05.2016 Northeastern University, Boston, MA, USA