

URBAN TRANSITIONS 2022

Integrating Urban and Transport Planning,
Environment and Health for Healthier Urban Living

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Municipalities investment projects in light of the
economic recovery plan:
a data-driven approach for planning

Giacomo Di Foggia, Massimo Beccarello

Department of Business and Law

University of Milano-Bicocca, Italy

Background

A note for non-European colleagues here today



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Recovery plan for Europe

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Introduction

The largest stimulus package ever

Main elements of the package

NextGenerationEU

National allocations

Financing the EU long-term budget and NextGenerationEU

Introduction



This is NextGenerationEU. This is more than a recovery plan. It is a once in a lifetime chance to emerge stronger from the pandemic, transform our economies, create opportunities and jobs for the Europe where we want to live. We have everything to make this happen.

We have the vision, we have the plan, and we have agreed to invest together €806.9 billion*.

It is now time to get to work, to make Europe greener, more



Ministero > Ministro e staff > Documenti e pubblicazioni > Servizi > Comunica con noi > Trasparenza > PNRR >

Home / Focus

Il Piano Nazionale di Ripresa e Resilienza (PNRR)

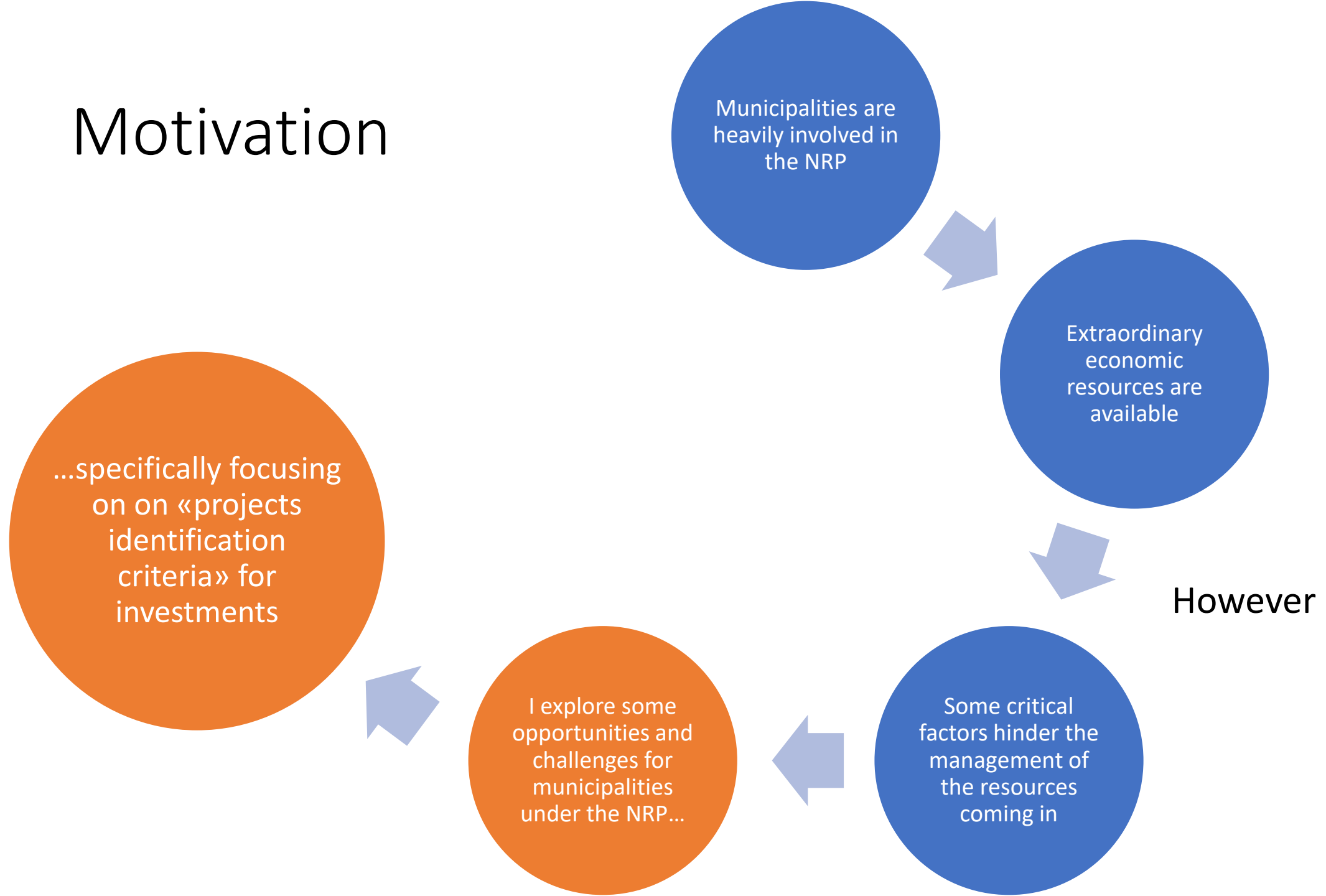
25 maggio 2021



Il **Piano Nazionale di Ripresa e Resilienza (PNRR)** si inserisce all'interno del programma **Next Generation EU (NGEU)**, il pacchetto da 750 miliardi di euro, costituito per circa la metà da sovvenzioni, concordato dall'Unione Europea in risposta alla crisi pandemica. La principale componente del programma NGEU è il Dispositivo per la Ripresa e Resilienza (*Recovery and Resilience Facility*, RRF), che ha una durata di sei anni, dal 2021 al 2026, e una dimensione totale di 672.5 miliardi di euro (312.5

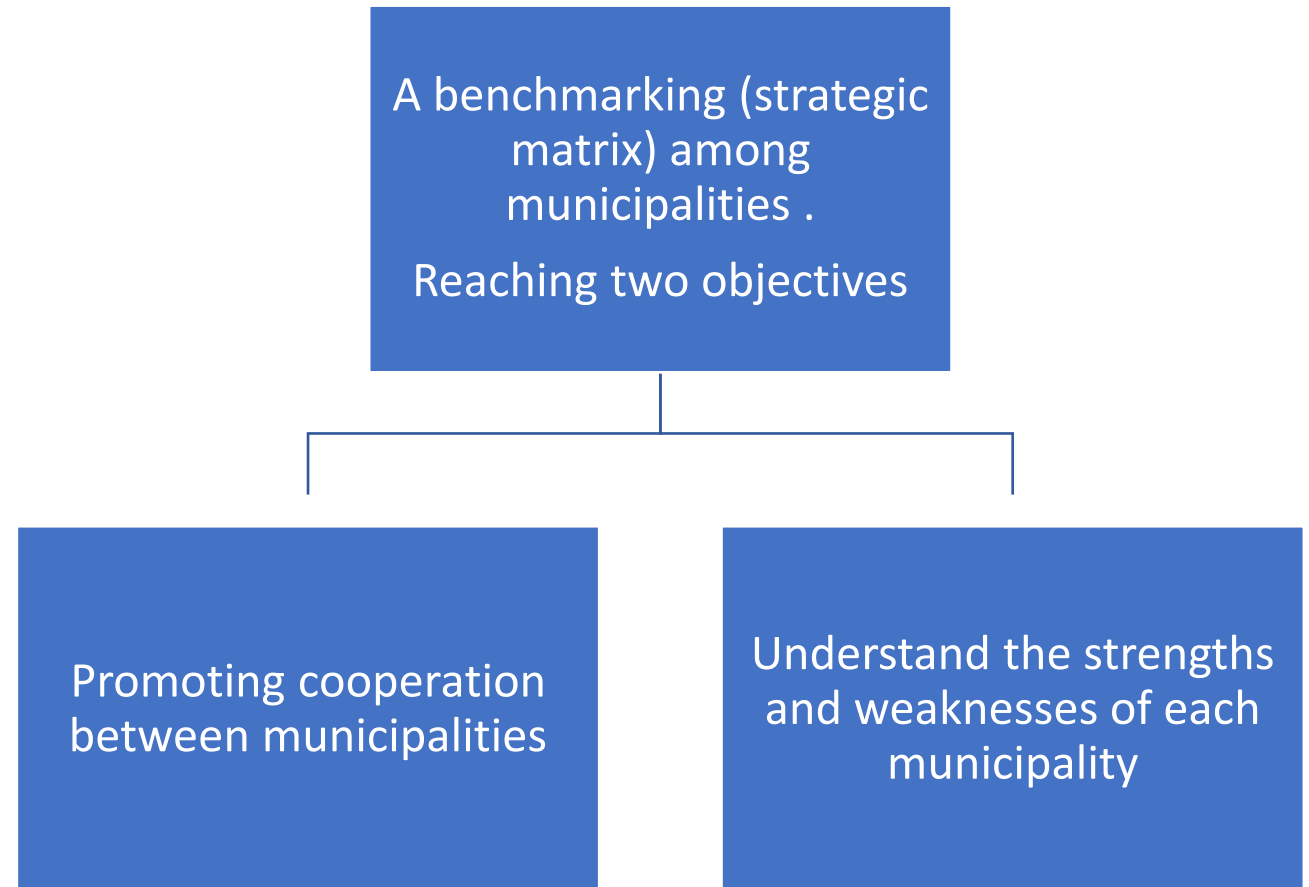


Motivation



Research question and, hopefully, a solution

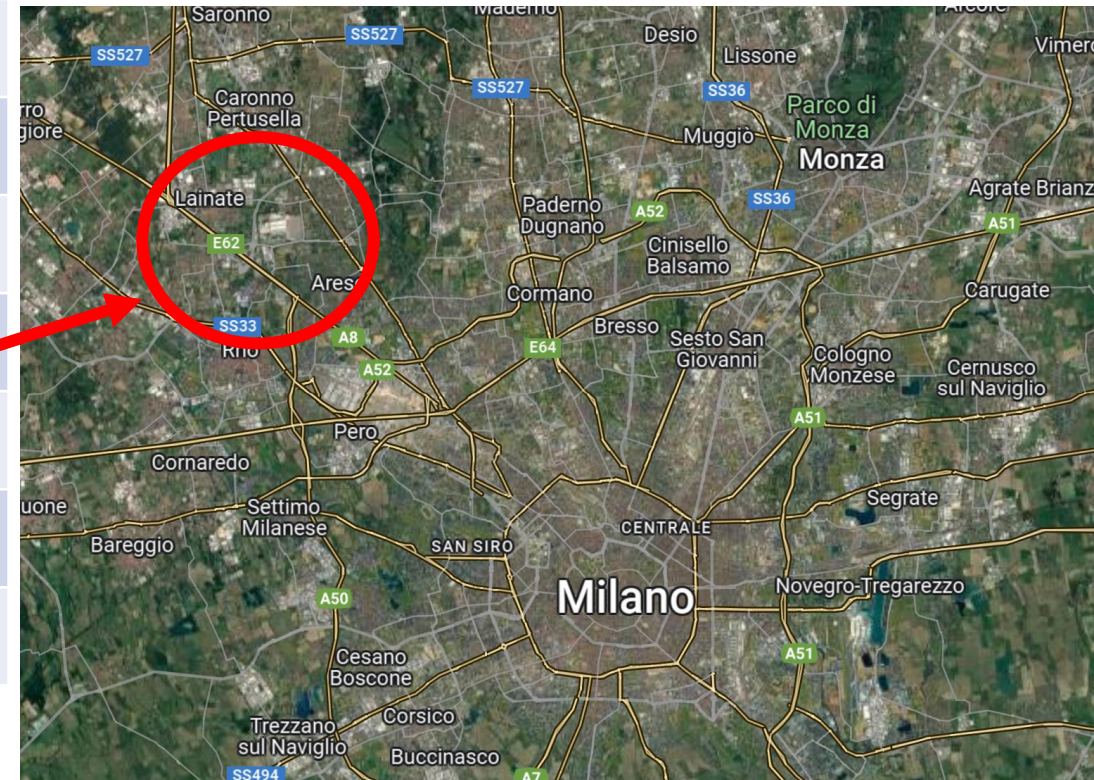
How to (effectively) identify urban projects to invest in?



Research Method



Partnership	UPEL
Purpose (tool)	Strategic matrix definition
Data	Empirical survey
Sample	83
Localization	Mostly northern Italy
Engagement	UPEL
Research status	Pilot
Test	yes



The investigation

Competitività
del territorio



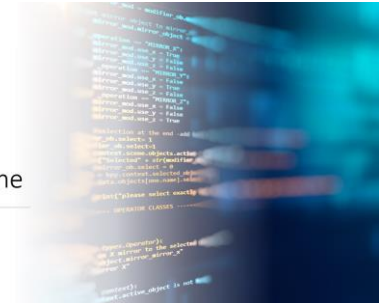
Competitiveness of the territory

Benessere e
salute



Well-being and health

Digitalizzazione



Digitalization

- Addressed to mayors and officials
- 36 questions - 5 clusters
- Both closed and open questions

Altri aspetti
sociale



Social aspects

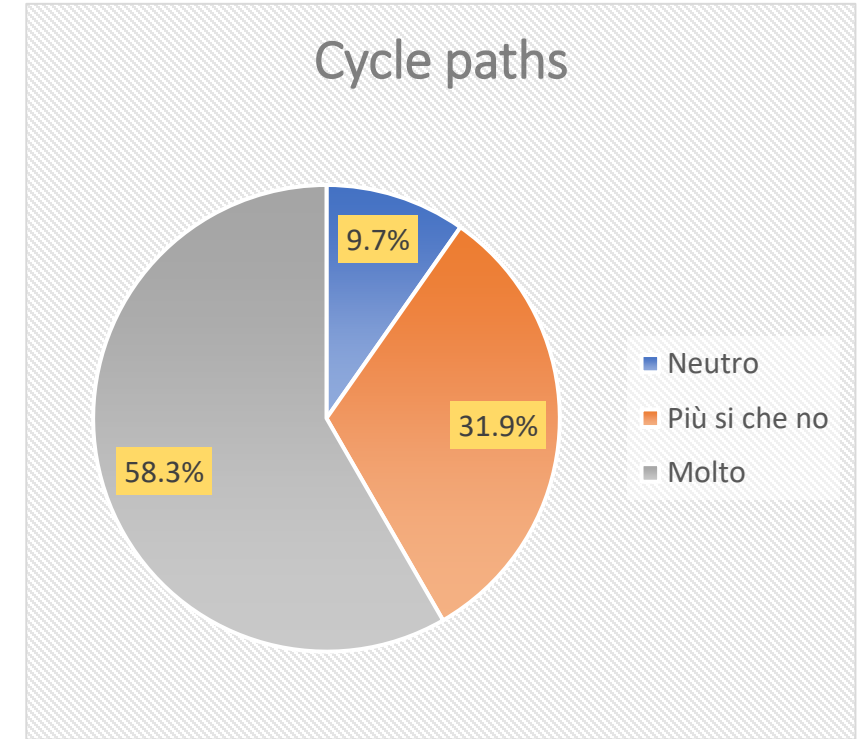
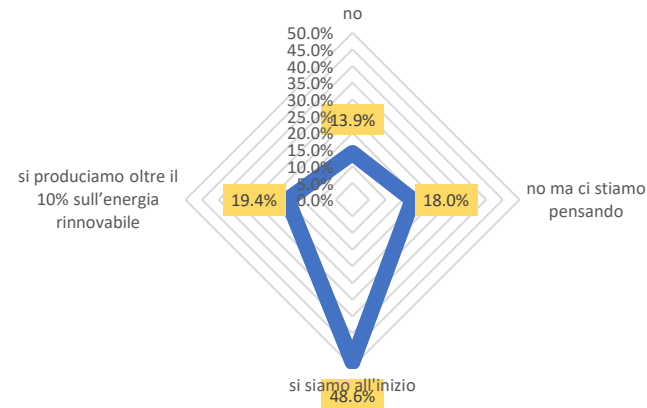
Energia e
ambiente



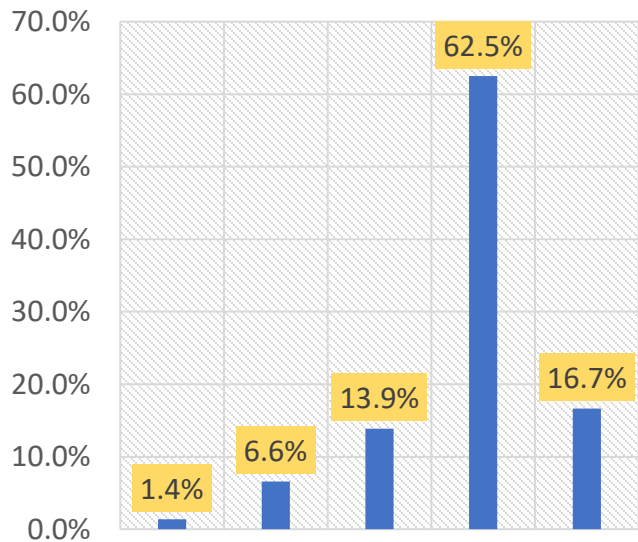
Energy and environment

Survey: a few examples...

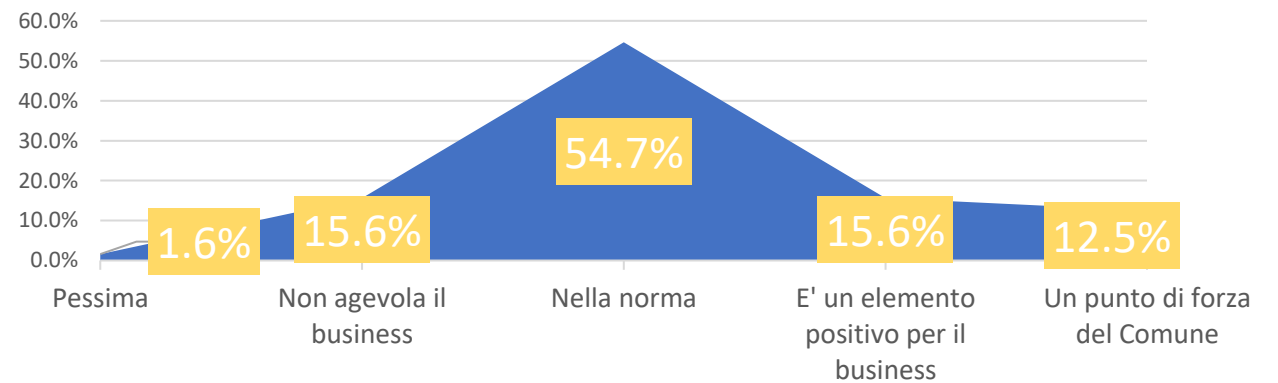
Renewables



Mobility barriers removal



Accessibility



Data analysis and strategic matrix

For each cluster a composite index was calculate

- Arithmetic mean of values of the answers given

Then we normalized the data through the method: MIN_MAX

- This allowed us to create a ranking: from the best to the worst

Competitiveness of the territory



Well-being and health



Digitalization



Energy and environment



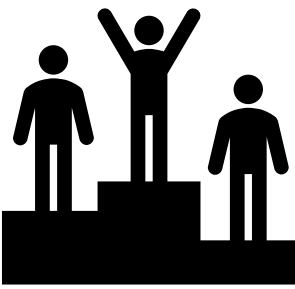
Social aspects



Partial indexes

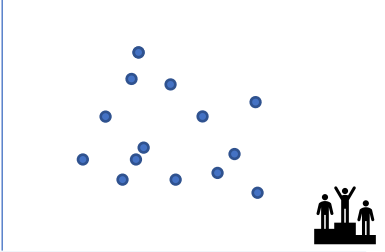


Global index



Strategic matrix

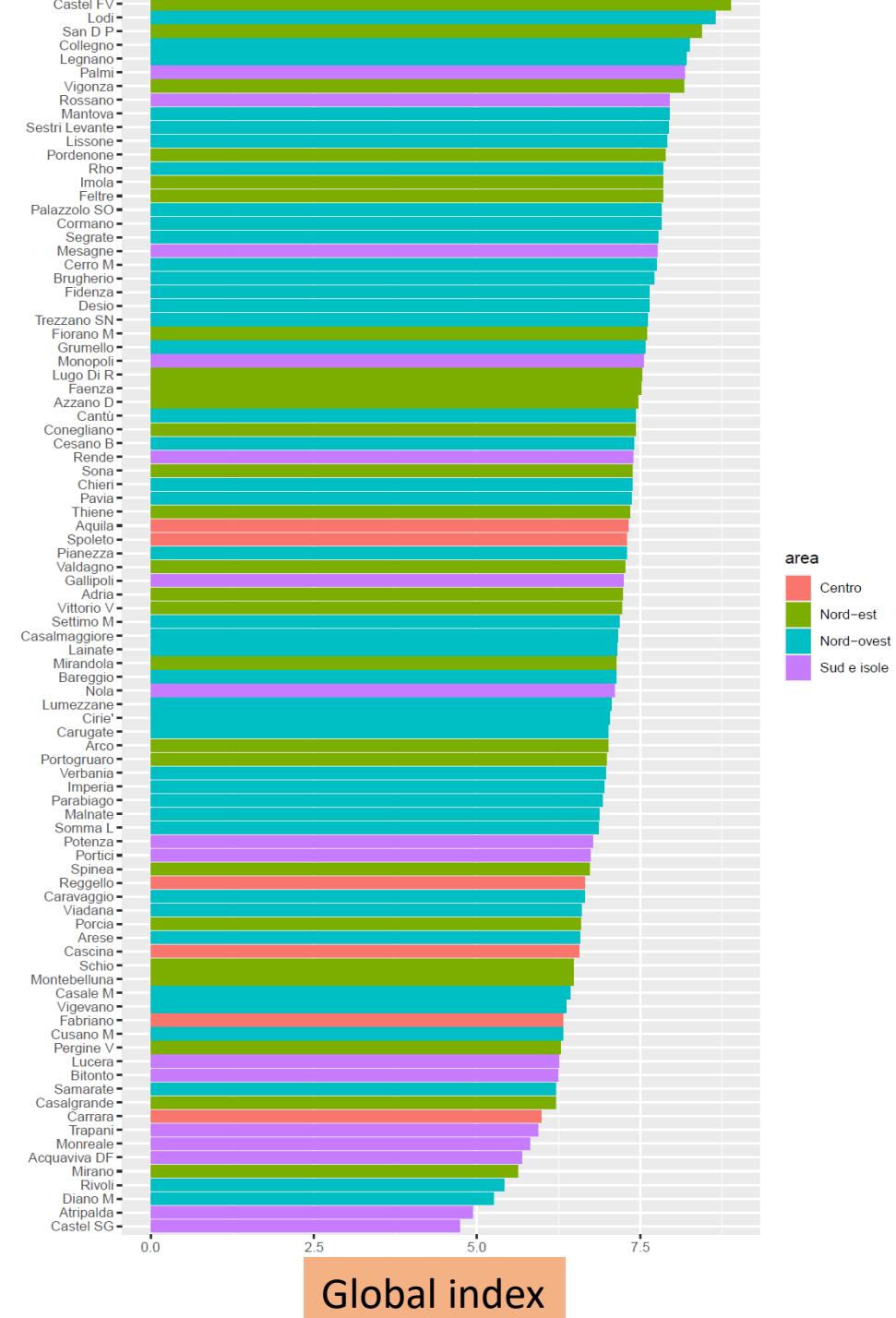
Partial indexes



Global index

A by-product

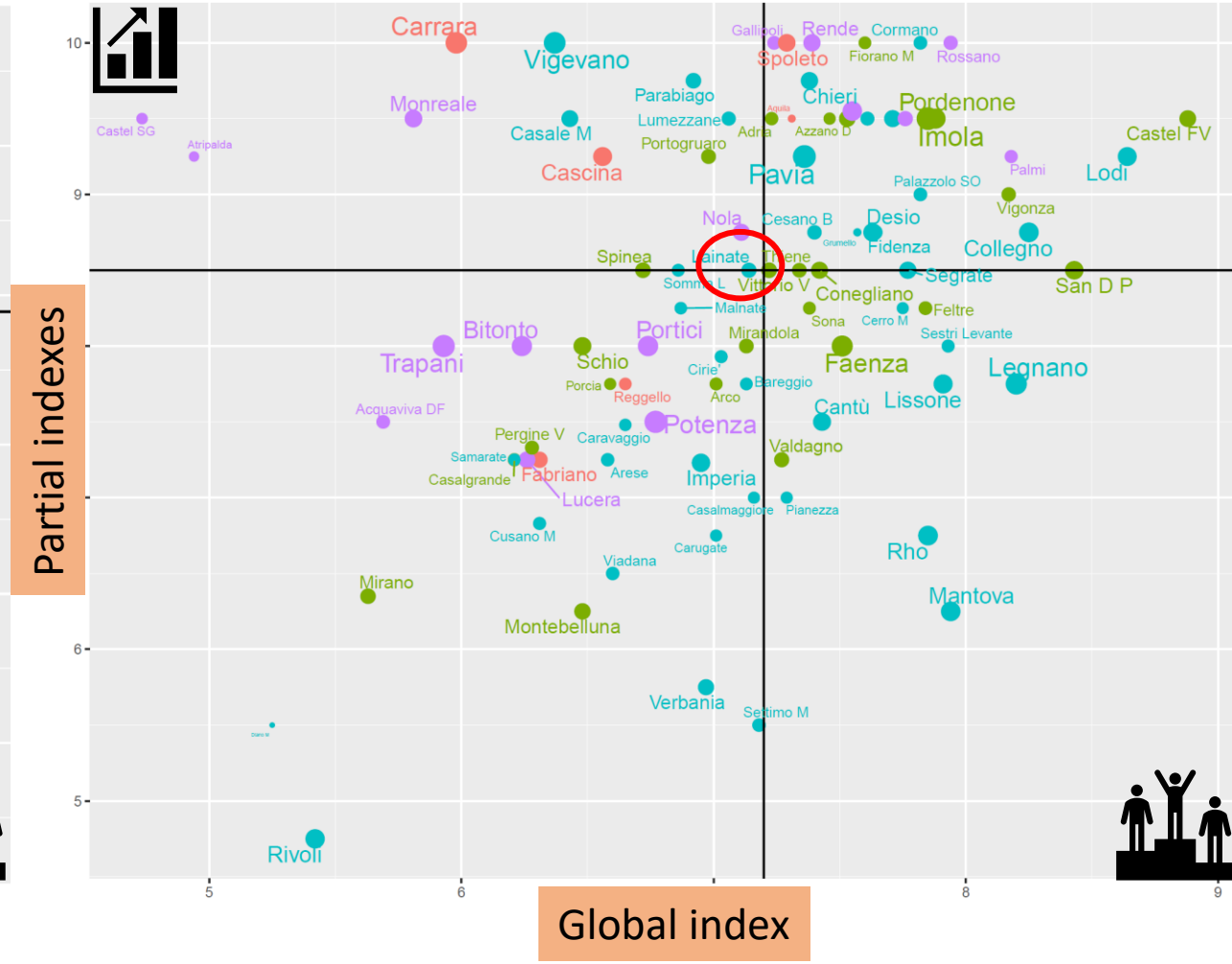
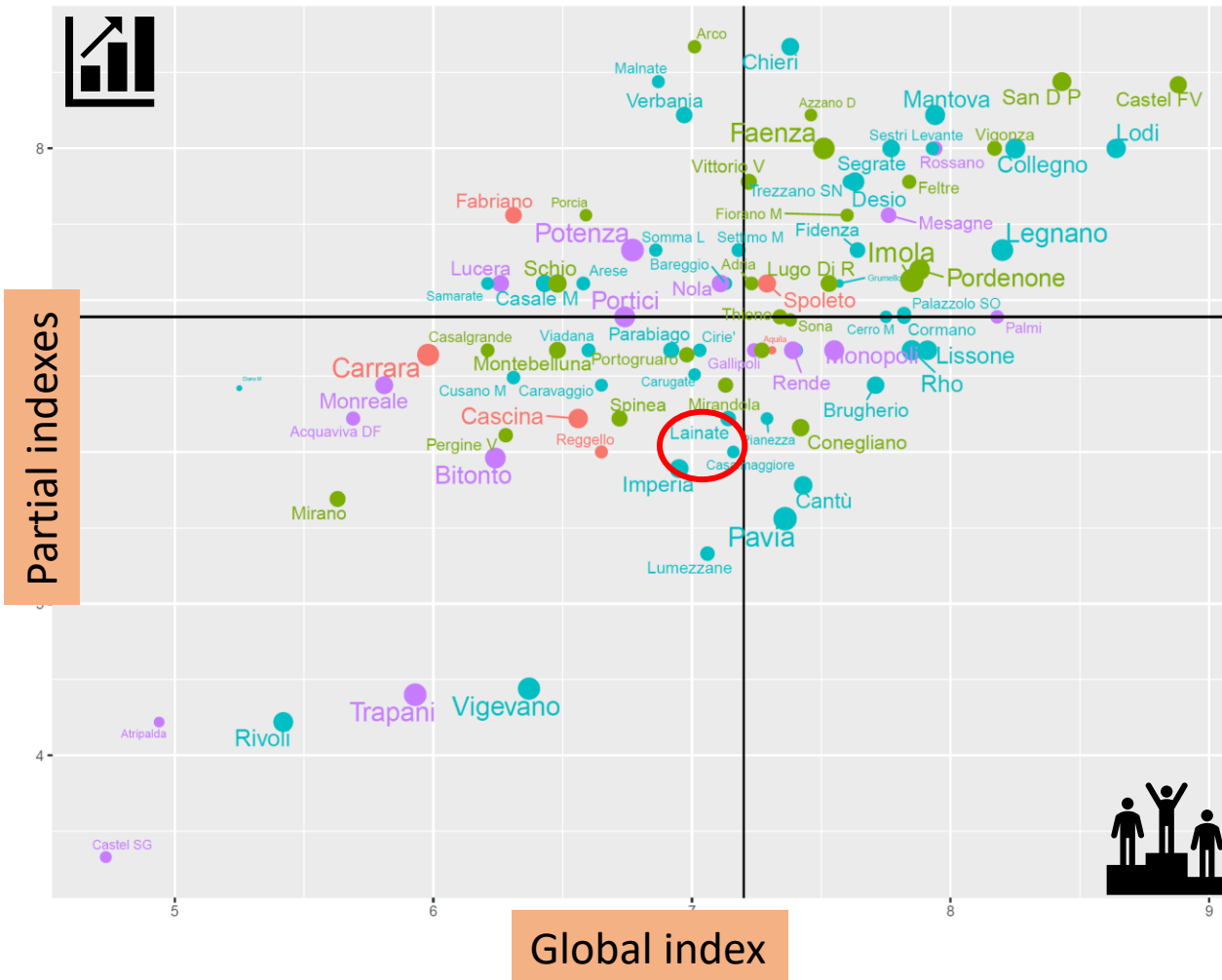
- The global index



Results: partial and overall positioning matrix

Energy and environment

Digitalization



Discussion and conclusions

- The NRP envisages direct involvement of municipalities in the implementation of projects worth at least €30 billion by 2026, which could rise to €50 billion.
- However, while the quantitative issue is important, the qualitative issue of where and how these funds will be used is even more important.
- **I argue that municipalities may be unprepared due to:**
 - a shortage - both quantitative and qualitative - of staff;
 - “Time do market”
 - **Projects section (priority criteria)**

Thank you