

# Governing urban transitions in the Western Metropolitan Area of Turin: Challenges and Opportunities

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Territory & Mobility

*Environmental Economist*



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*Spatial Economist*

# Zona Ovest di Torino (Turin Western Metro Area)

Zona Ovest di Torino is the development agency of the Municipalities of Alpignano, Buttigliera Alta, Collegno, Druento, Grugliasco, Pianezza, Rivoli, Rosta, San Gillio, Venaria Reale, Villarbasse. It was established in June 2001 and manages an agreement among the municipalities called "**Patto territoriale**" or "**Territorial Pact**".

## **Mandate:**

The purpose of the agency is to carry out activities aimed at **promoting the social and economic development** of the western area of Turin, through **spatial planning activities**, project development, employment services and public funding, carried out in partnership with local public and private stakeholders.



HERE WE ARE!!!



GRUGLIASCO

RIVOLI

COLLEGNO

PIANEZZA

VENARIA REALE

TURIN

VILLARBASSE

ROSTA

BUTTIGLIERA

ALPIGNANO

SAN GILLIO

DRUENTO

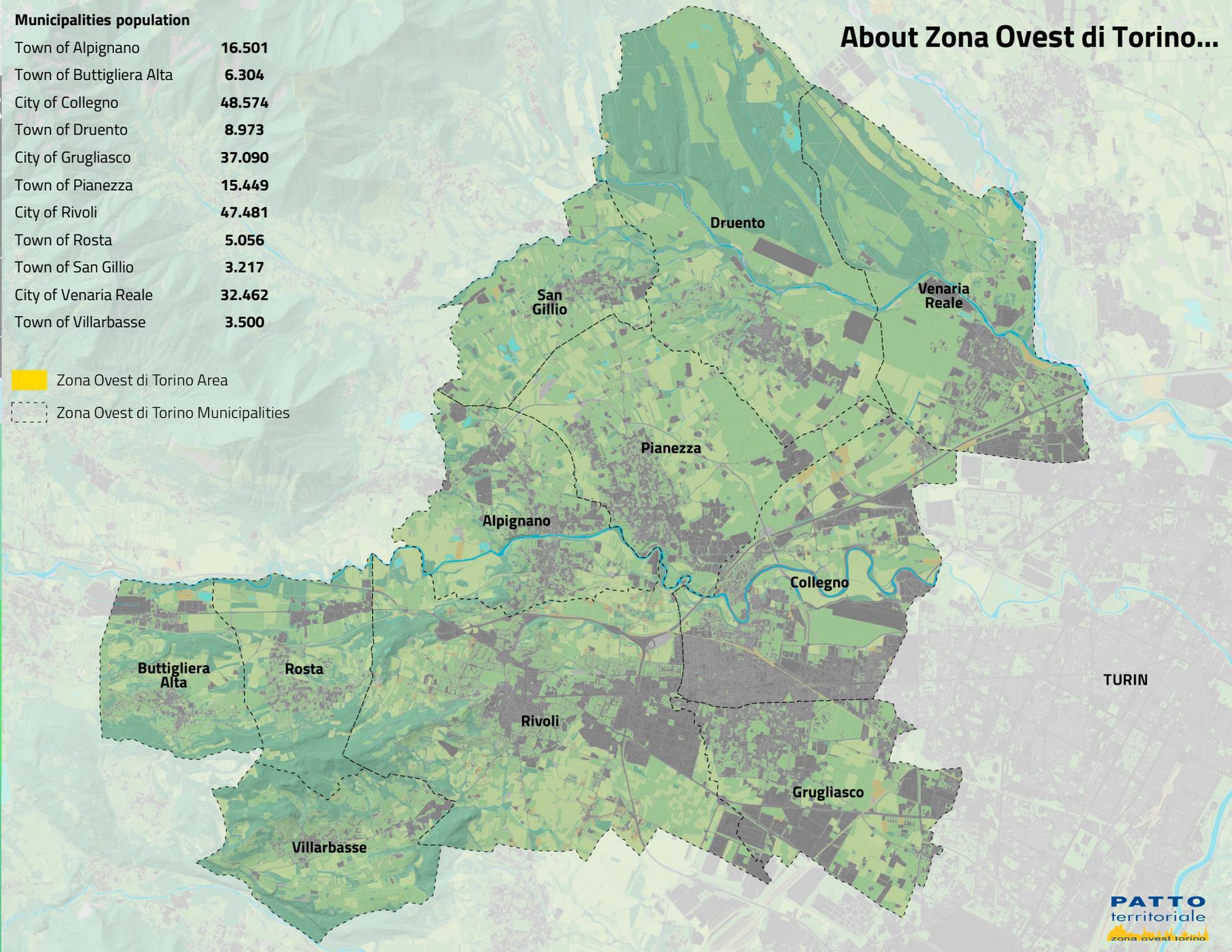


**Municipalities population**

Town of Alpignano	<b>16.501</b>
Town of Buttigliera Alta	<b>6.304</b>
City of Collegno	<b>48.574</b>
Town of Druento	<b>8.973</b>
City of Grugliasco	<b>37.090</b>
Town of Pianezza	<b>15.449</b>
City of Rivoli	<b>47.481</b>
Town of Rosta	<b>5.056</b>
Town of San Gillio	<b>3.217</b>
City of Venaria Reale	<b>32.462</b>
Town of Villarbasse	<b>3.500</b>

**About Zona Ovest di Torino...**

- Zona Ovest di Torino Area
- Zona Ovest di Torino Municipalities



**224.607**

inhabitants → the 2° largest regional agglomeration

**73.388**

employees → the 2° Industrial cluster of Piedmont

**174** km<sup>2</sup>

larger than Turin (Metropolitan capital)

**1.291**

inhab/km<sup>2</sup> population density

**27%**

Average degree of urbanization

**32**

Exceedance days per year PM10 threshold value

TURIN

# What is a «Patto territoriale» or «Territorial Pact» ?

- It is a negotiated planning tool for local authorities (L. 662/96, art. 2, comma 203, lett. A)).
- "Regulation established through an **agreement between public entities** or between **public and private actors**, aimed at **achieving common development goals**".
- This requires an **integrated approach**

# Activities of Zona Ovest



Spatial and mobility planning

# Post-industrial transition



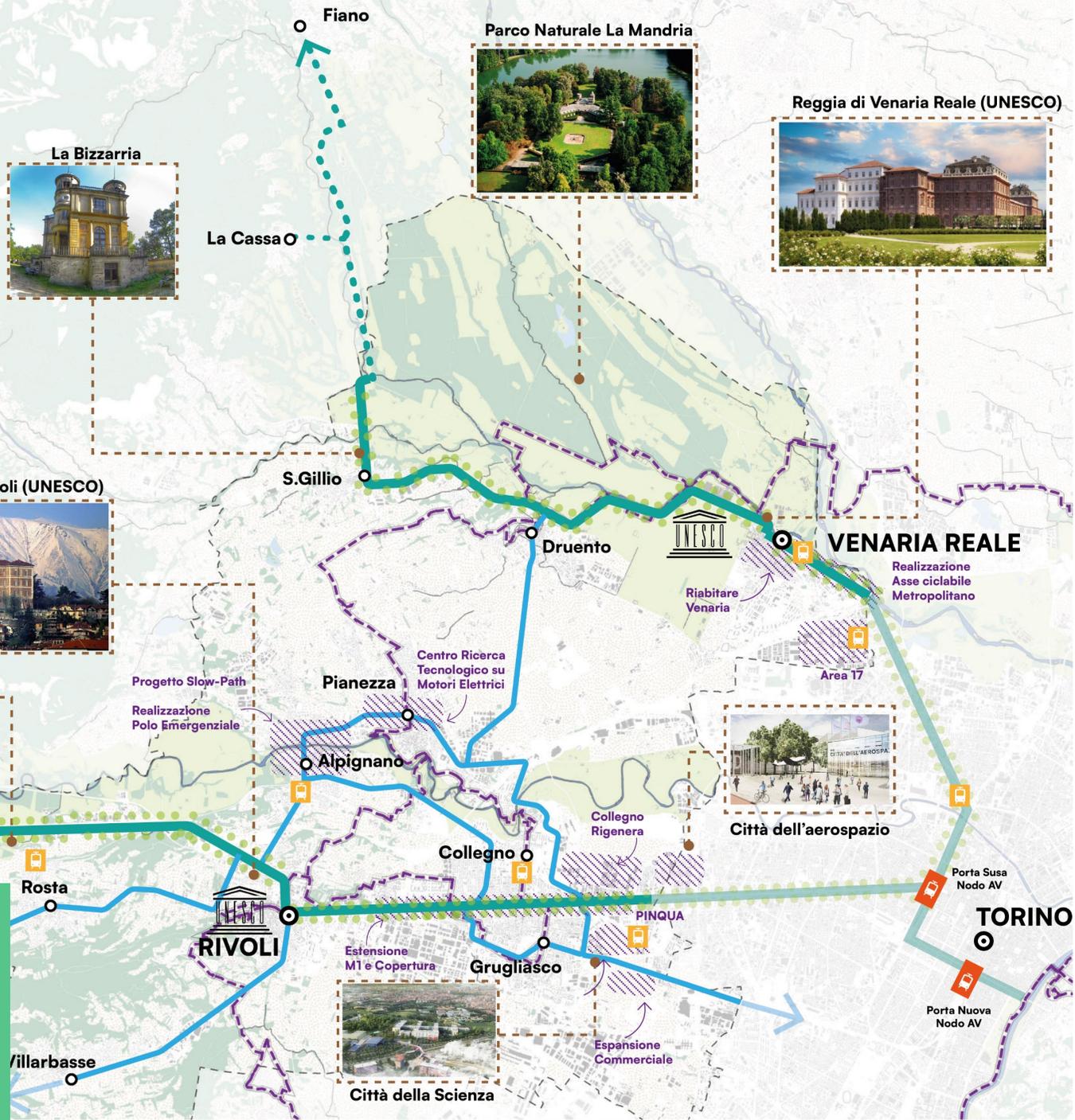
# Sistema NEXT GEN LINES + BIKEONDA

(Visione d'insieme)

-  Grandi dorsali di rigenerazione di interesse sovralocale
-  LINES di adduzione
-  Corona di Delizie in Bicicletta
-  Progetti strategici e ambiti di trasformazione
-  Nodi del trasporto ferroviario AV
-  Nodi del trasporto ferroviario metropolitano



# Planning Infrastructure development



# Transforming Europe's longest urban highway...

(Corso Francia)



# ...into Europe's longest Multimodal Green Corridor...

(Corso Francia)



*Today*

*Tomorrow*

**Healthy corridor:** a place that encourage citizens to engage in physical activity and prefers active mobility options for their daily life.

**Inclusive corridor:** where everyone's needs are taken into account.

**Playful corridor:** a place where children can safely play

**Green corridor:** a "climate-proof" street able to absorb and mitigate extreme climate events such as extreme rain, heat, etc.

**Efficient corridor:** where traffic is smooth and regulated to minimize congestion.

**Safe corridor:** a safe place for all, especially for the weakest users.

**Smart Corridor:** ready for the current and next technological revolution (smart mobility, autonomous driving, IoT, ITS, etc.)

**Vibrant corridor:** where businesses can thrive.



**Cycle path**

*Quality of public space*

**Green corridor**

*Solutions for climate change*

**Traffic regulation**

*Rethinking the mobility system*

**Sidewalk**

*New public spaces*

**Corso**

**Francia**

# Promoting active travel

Europe's largest bottom-up Bike-to-School programme  
(9 cities, 6 volunteer associations, 1.300+ kids)

Entirely funded by private sector



# Activities of Zona Ovest



**Spatial and mobility planning**



**Active Employment Policies & Business Development**

# Reskilling workers and connecting labor force...

**DESTINAZIONE  
LAVORO**

**MI INFORMO** + **MI FORMO** = **INVESTO  
SUL MIO  
FUTURO**

Potrai incontrare **AZIENDE, AGENZIE FORMATIVE,  
AGENZIE DI SOMMINISTRAZIONE**, che presenteranno  
le loro opportunità di formazione e di lavoro.

**VENERDÌ 6  
OTTOBRE 2023**  
DALLE 9.00 - ALLE 17.30  
Ricordati di portare  
il tuo CV

**SALONE DEL LAVORO  
E DELLA FORMAZIONE**  
Palazzetto dello Sport  
via Antica di Rivoli, 21  
Collegno (TO)  
INGRESSO LIBERO

**INFORMAZIONI:**  
francesco.vignola@zonaovest.to.it  
politichedellavoro@comune.collegno.to.it 011 4015527

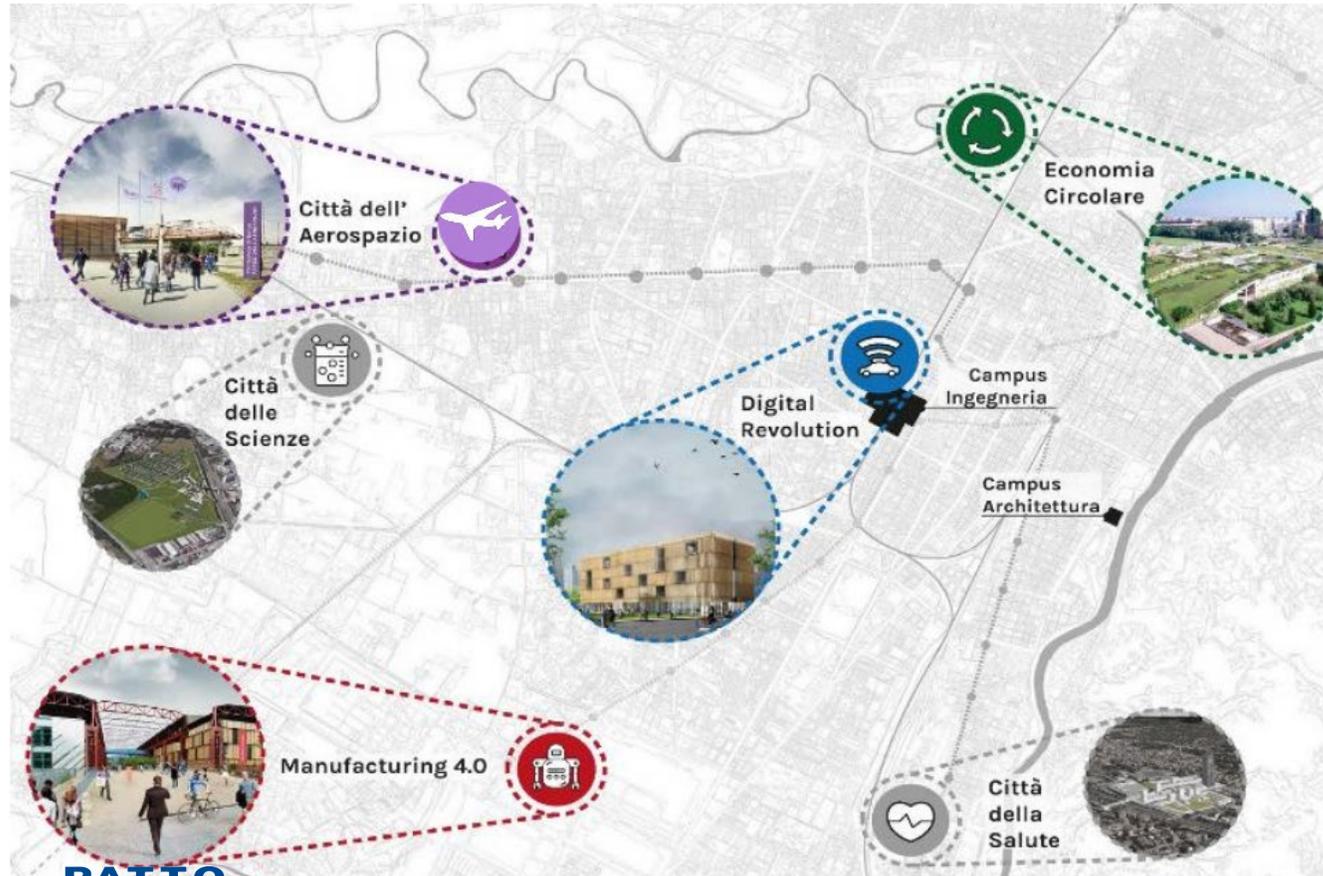
Evento organizzato da:

In collaborazione con:





# Improving the economic attractiveness of West Turin



**PATTO**  
territoriale  
zona ovest torino

## Aerospace Industry



## Education



# Activities of Zona Ovest



Spatial and mobility planning



Active Employment Policies & Business Development



Environmental Protection and Nature Conservation

# Reconnecting urban areas with nature...



# Activities of Zona Ovest



Spatial and mobility planning



Active Employment Policies & Business Development

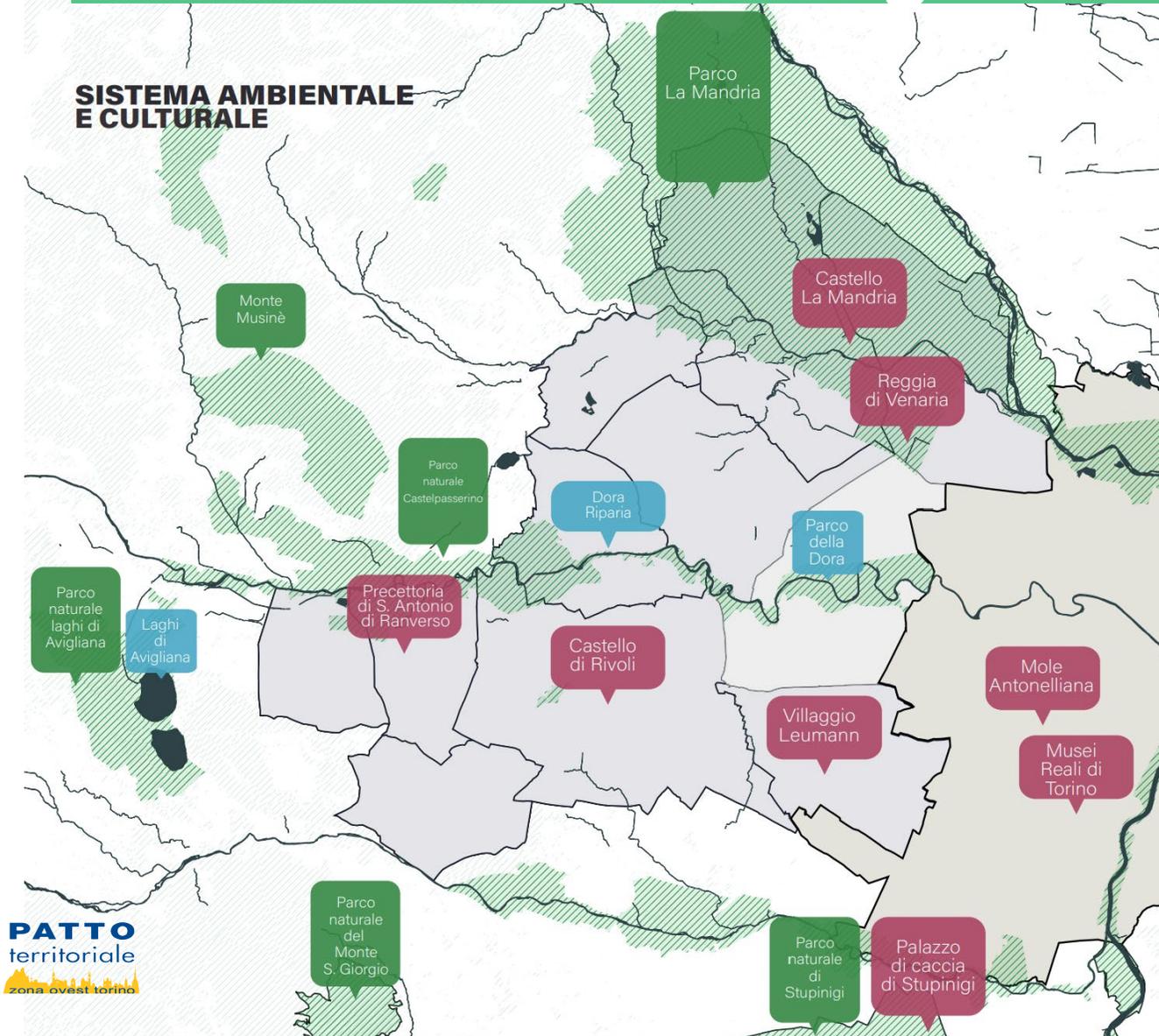


Environmental Protection and Nature Conservation



Tourism promotion and regional marketing

# Enhancing synergies across our cultural heritage



**Reggia di Venaria Reale**



**Castello di Rivoli**



**Parco della Mandria**

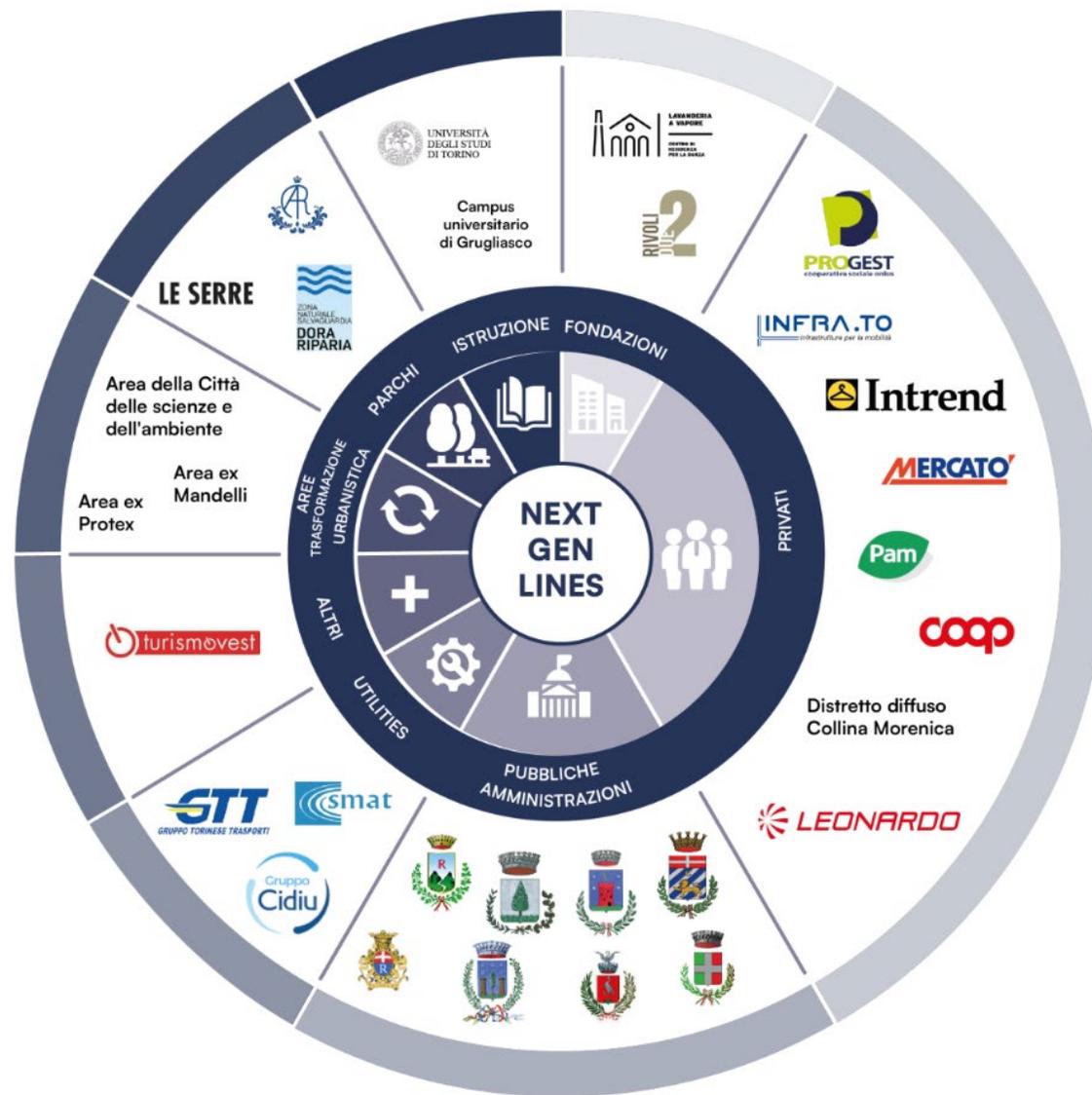


**Parco della Dora**



# STAKEHOLDERS

We facilitate public-private synergies

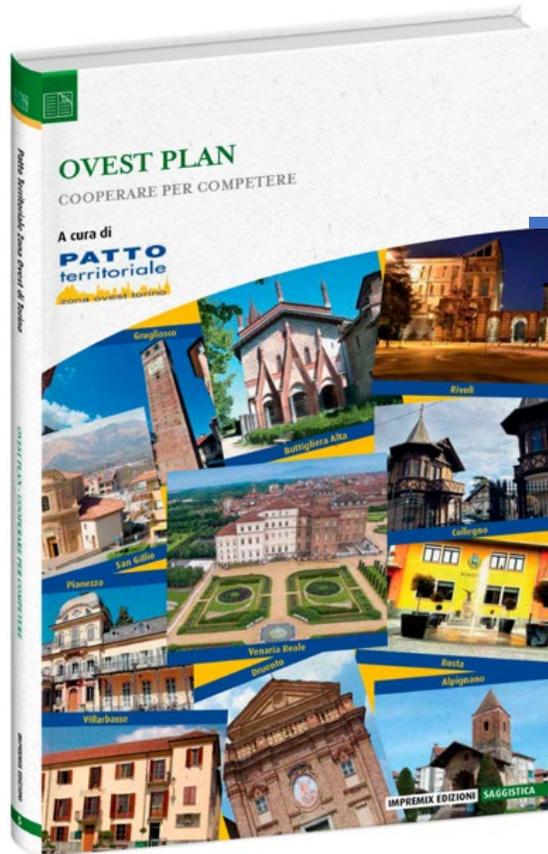




**Political  
entrepreneurship!**

**Towards a new  
Sustainable Spatial Economic  
Strategy**

# Starting point





### Asset 3

Adeguamento **impianto compostaggio**: la vivibilità futura dell'ambiente per la collettività e il territorio.



### Asset 3

Comune di Pianezza: **Competence Center**



### Asset 1

Messa in valore del patrimonio culturale ed inventivazione mobilità sostenibile: approccio integrato per **S. Antonio di Ranverso**



### Asset 1

Città di Rivoli quale luogo d'arte e di cultura: nuovi **poli culturali** dedicati all'arte



### Asset 1

Parco Culturale **Le Serre 4.0**: rifunzionalizzazione multidisciplinare del polo culturale



### Asset 1

Completamento in chiave **"Smart City"** del Sistema di Accessibilità al Sistema Turistico Centro Storico, Reggia Sabauda-Parco La Mandria-Valli Lanzo e Ceronda.



### Asset 1

**Certosa Reale**: un nuovo centro culturale e polo universitario per una nuova coesione territoriale



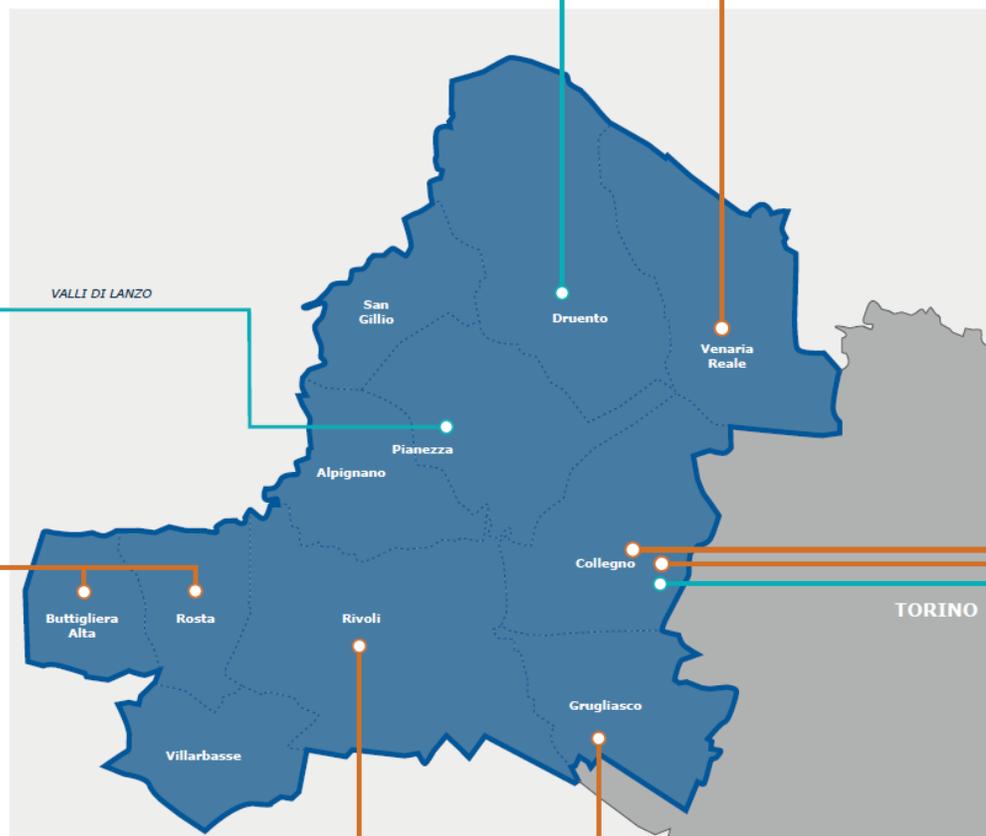
### Asset 1

Sviluppo turistico culturale del **Villaggio Leumann** per una maggiore attrattività turistica del territorio



### Asset 3

**Chilometro Blu**: Green&blue Communities per il territorio Torino Ovest



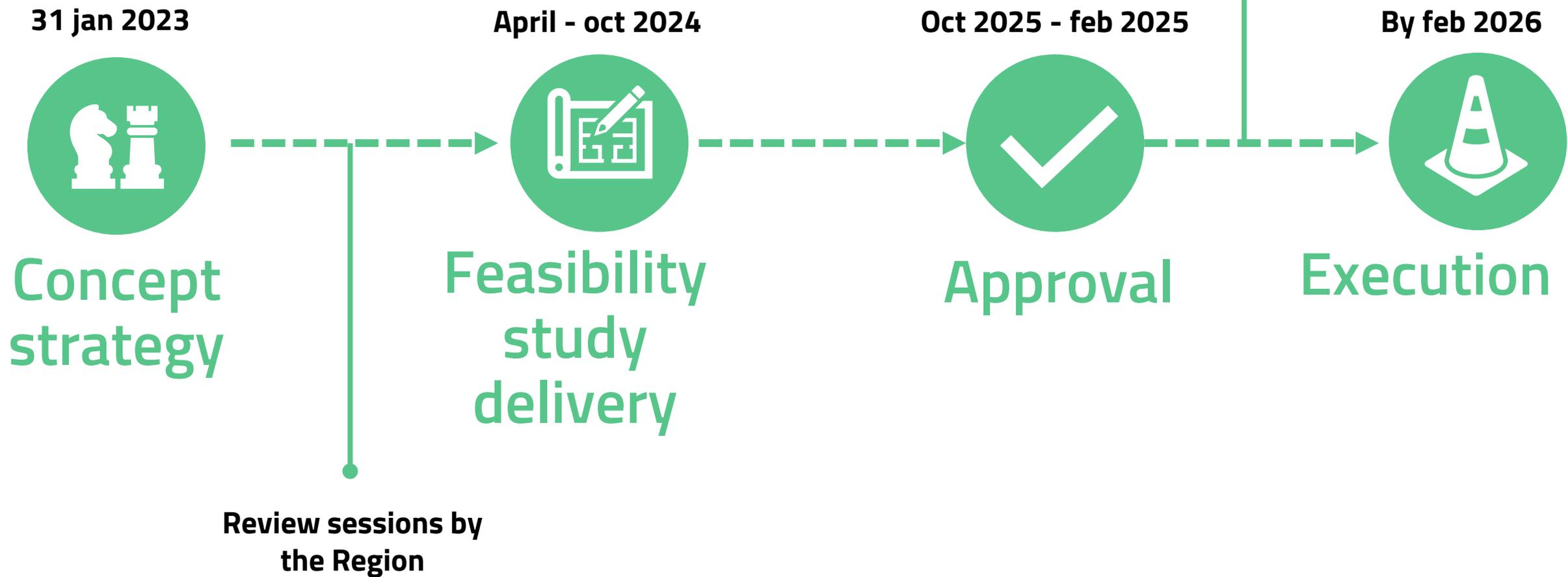
# New ERDF Fund

STRATEGIA URBANA D'AREA  
PR FESR 2021-2027 - Azione V.5i.1

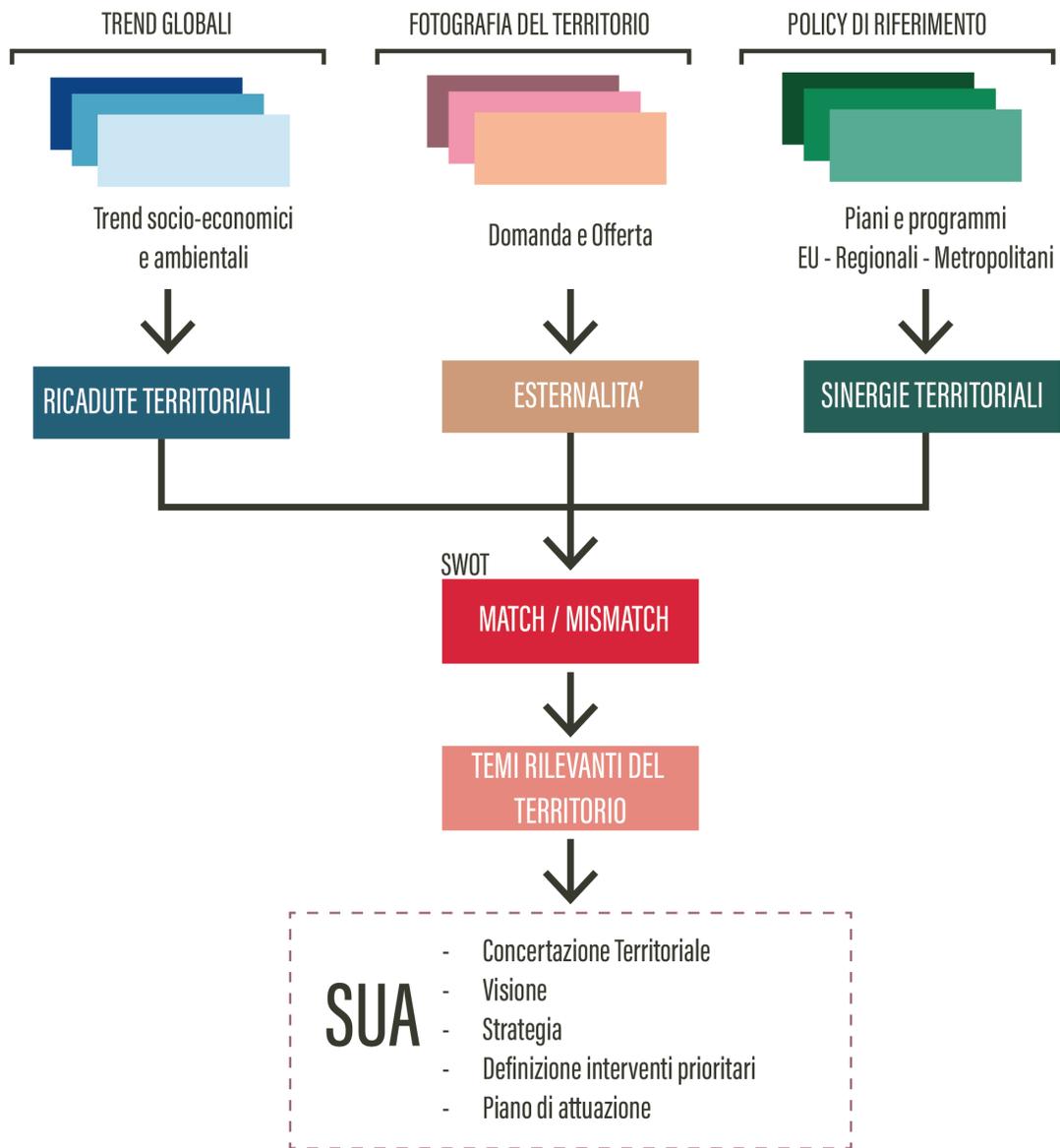
## Rules of the game

- ✓ Each area develops a (funded) **“umbrella” spatial development strategy** that identifies max. **10 integrated flagship projects**
- ✓ The strategy is **co-approved by municipalities and the region** after a thorough SWOT analysis and **engagement of local stakeholders**
- ✓ Direct funding from Region **10M€**, (10% co-funded by municipalities)
- ✓ The Strategy should identify **other measures** to strengthen the flagship projects and become the **policy framework of the territory**

# Process



# Our Approach



**Understand and measure the problem before selecting solutions**

# Challenges

**Vocation of the area**

**Ageing population**

**New unmet patterns of consumption**

**Fragmented cultural, natural and urban assets**

**Car-dominant mobility patterns**

**Administrative fragmentation**

# Opportunities

# Challenges

**Vocation of the area**

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# Opportunities

**Rich tapestry of architectural and historical goods**

**United despite political differences**

**High accessibility to rail, road, metro**

**New core functions: University, Culture Hubs, Parks, Museum networks**

**New emerging industrial hubs linked to airspace, defense, circular economy, biotech**

# Some Key figures



	2021	2041	Δ
<b>Totale</b>	<b>234.399</b>	<b>216.379</b>	<b>-7.7%</b>

0-14	28.791	22.642	-21.4%
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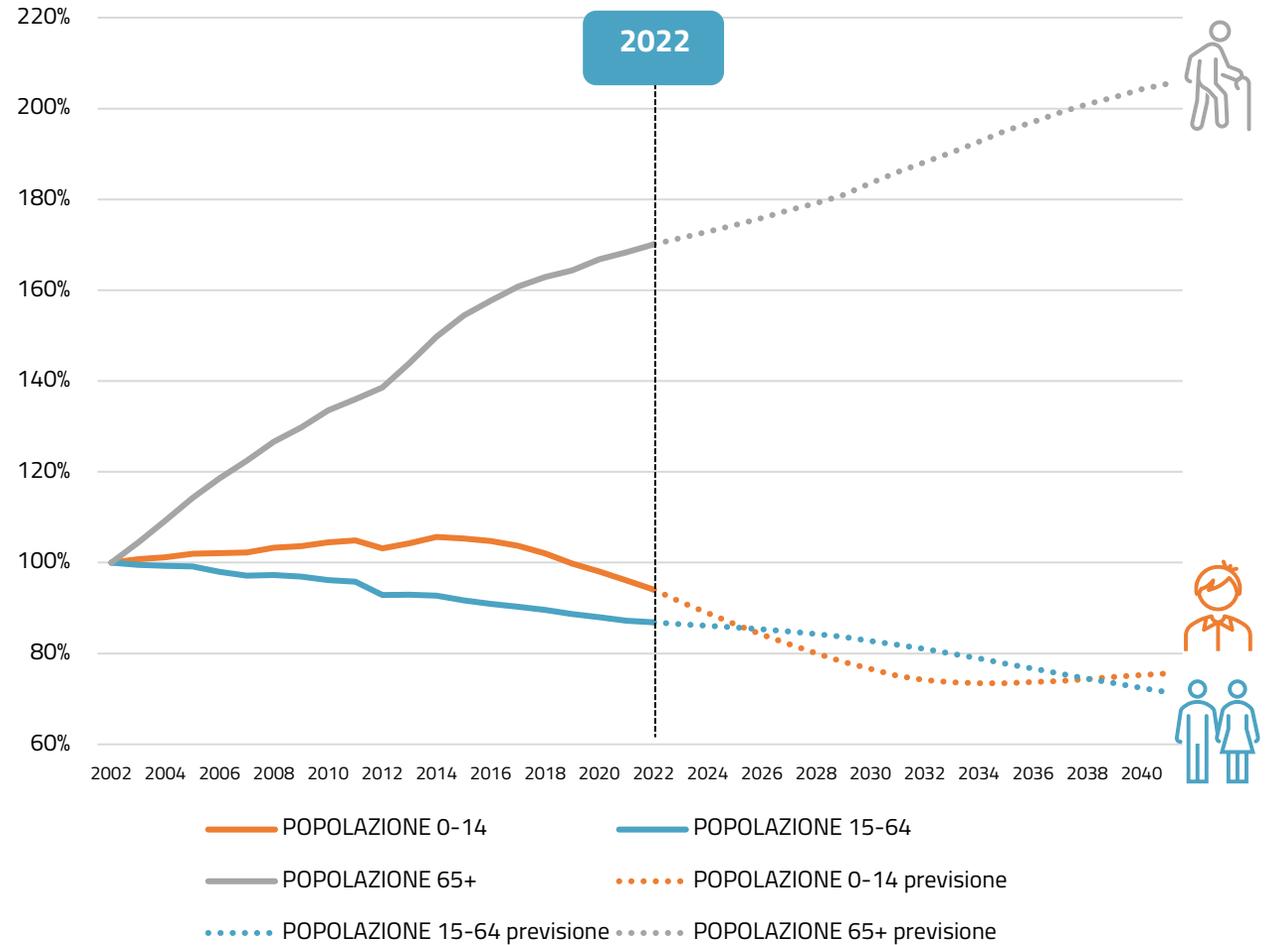
15-64	142.790	116.913	-18.1%
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64+	62.818	76.681	+22.1%
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85+	8.845	14.317	+62%
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## Andamento delle fasce della popolazione

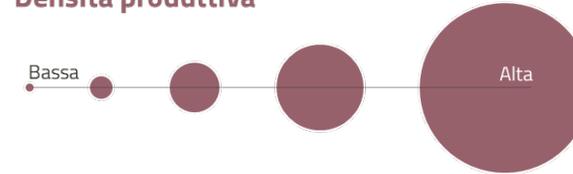


# Some Key figures

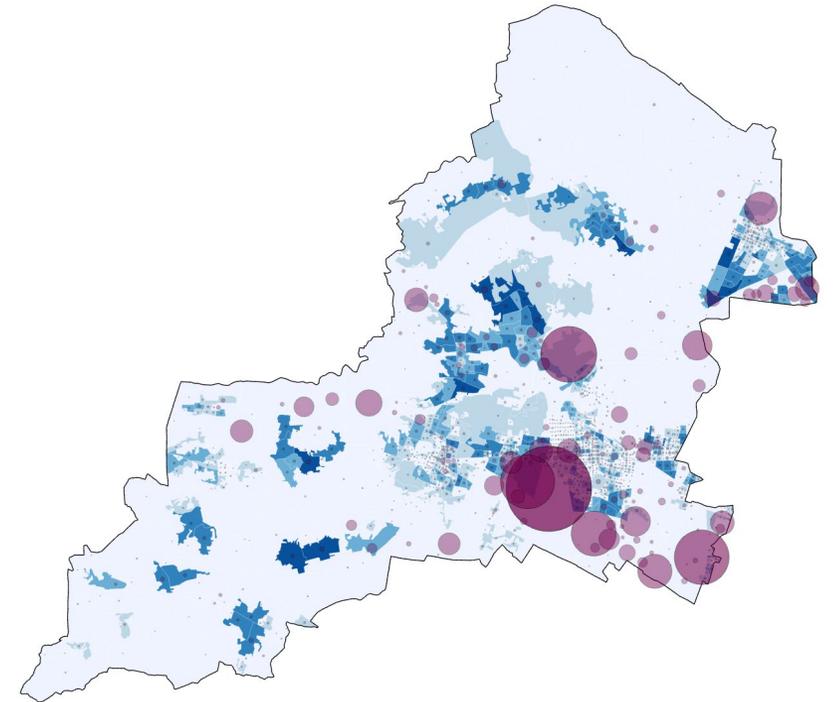
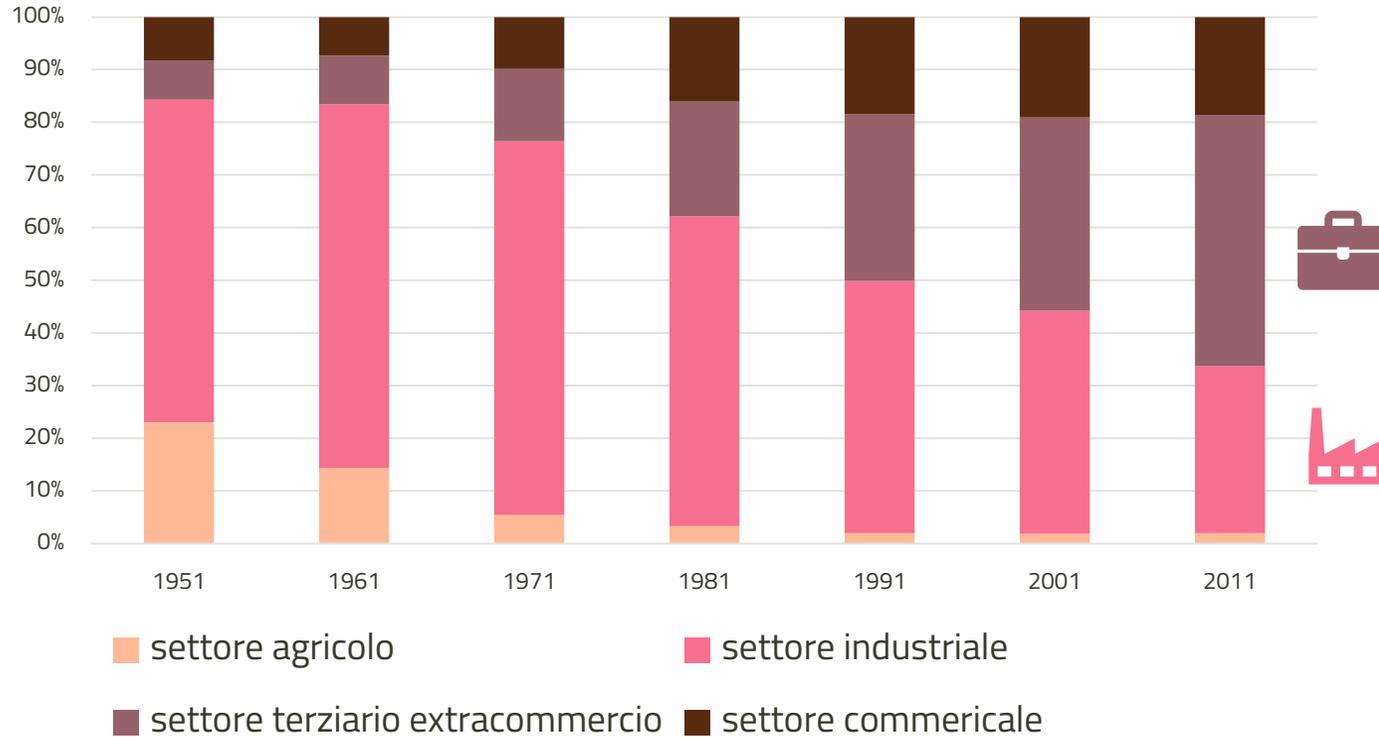
## Densità residenziale



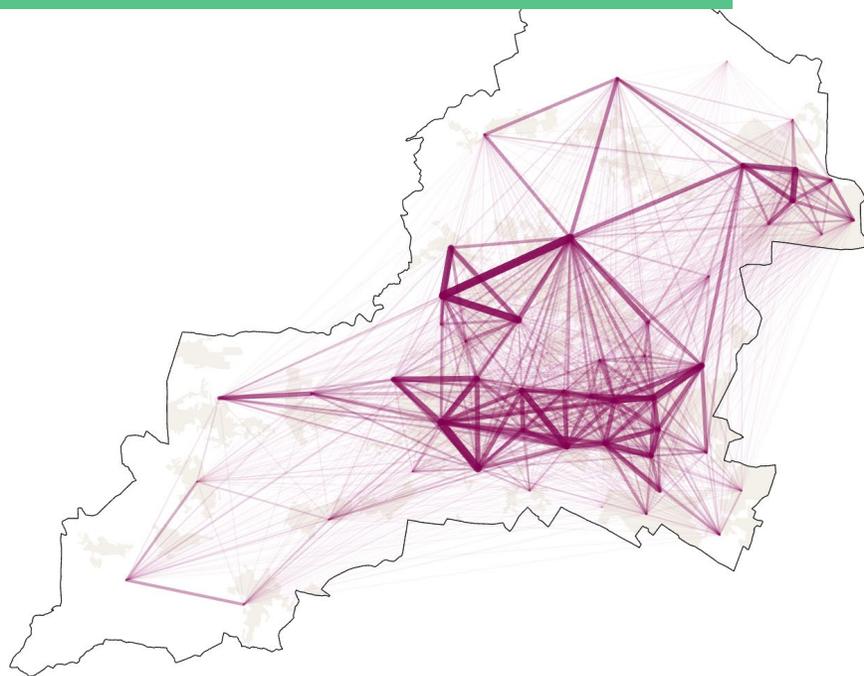
## Densità produttiva



Employment by sectors



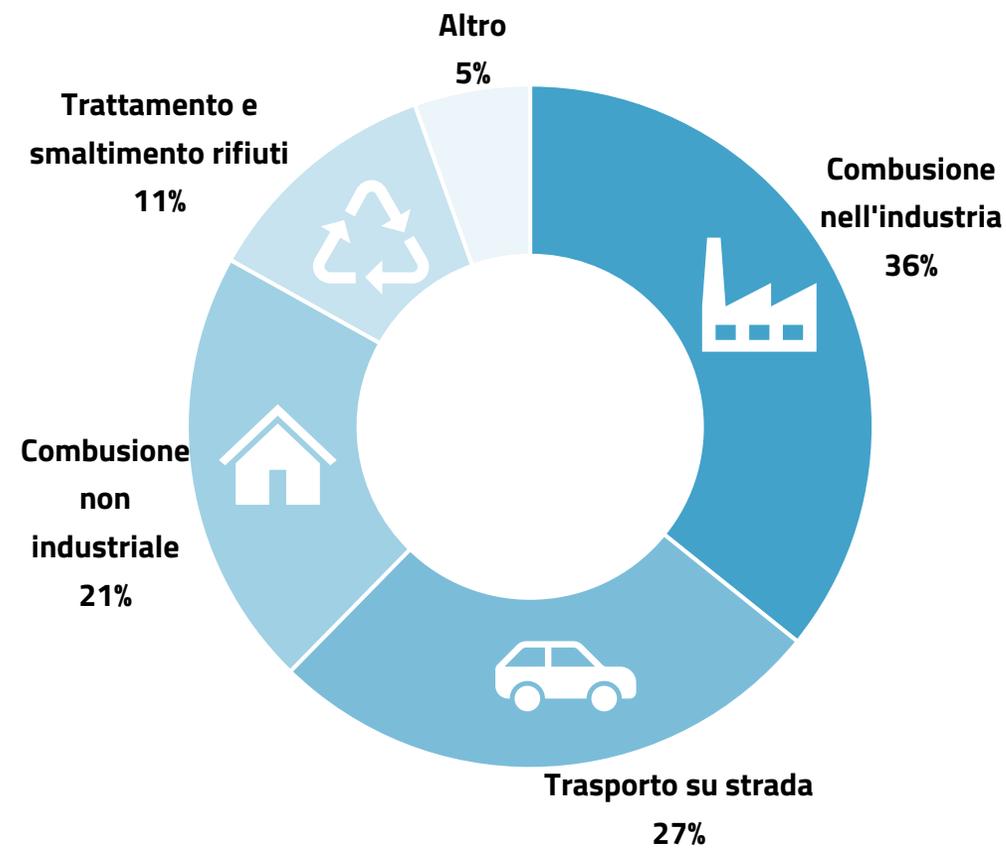
# Some Key figures



**>500.000**  
Trips per day

**>71%**  
By private car

## Principali settori responsabili delle emissioni di gas serra

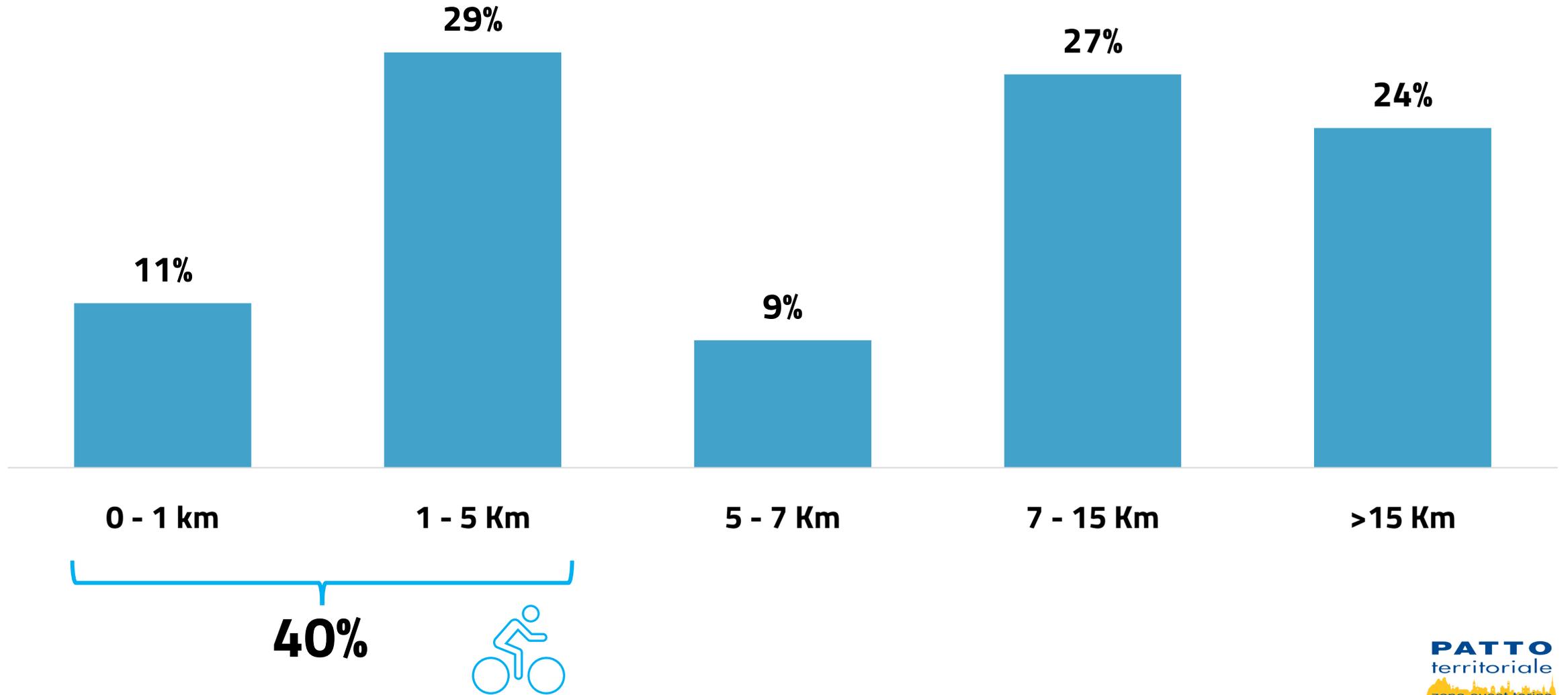


**1.700 ktCO<sub>2</sub>**  
equivalenti prodotte anno

**7.3 tCO<sub>2</sub>**  
equivalenti pro-capite anno

# Some Key figures

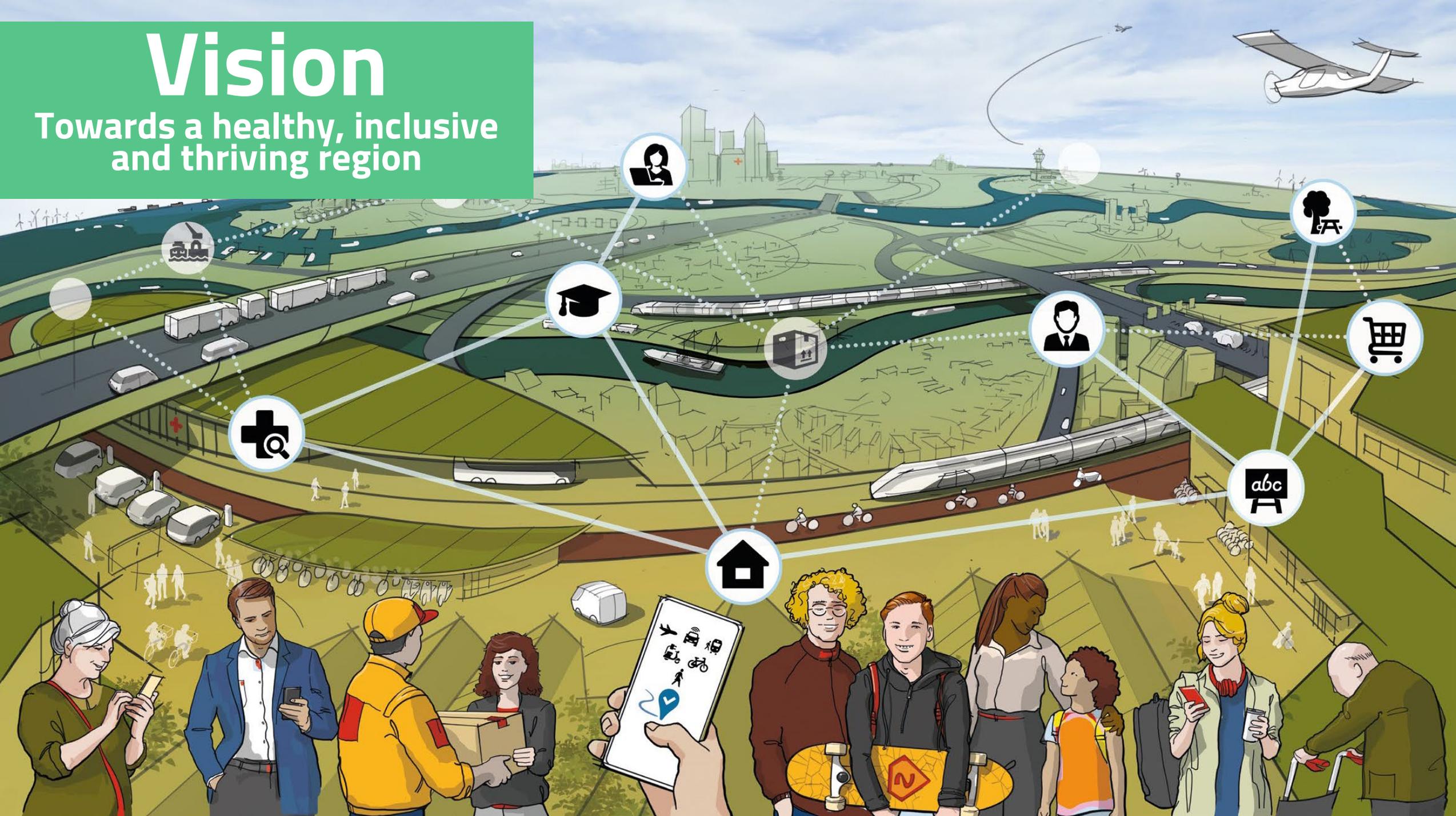
## Distribution of car trips





# Vision

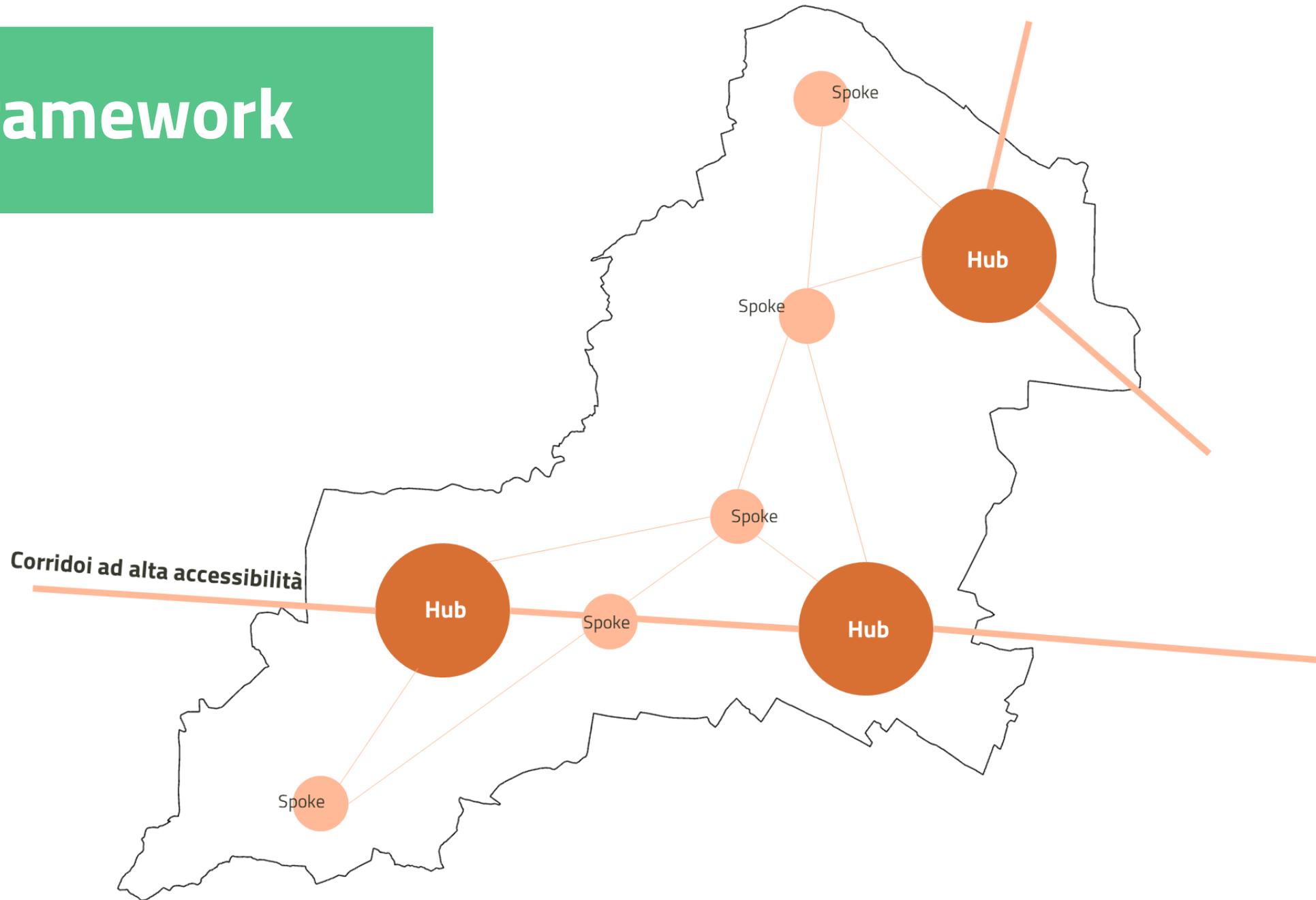
Towards a healthy, inclusive and thriving region



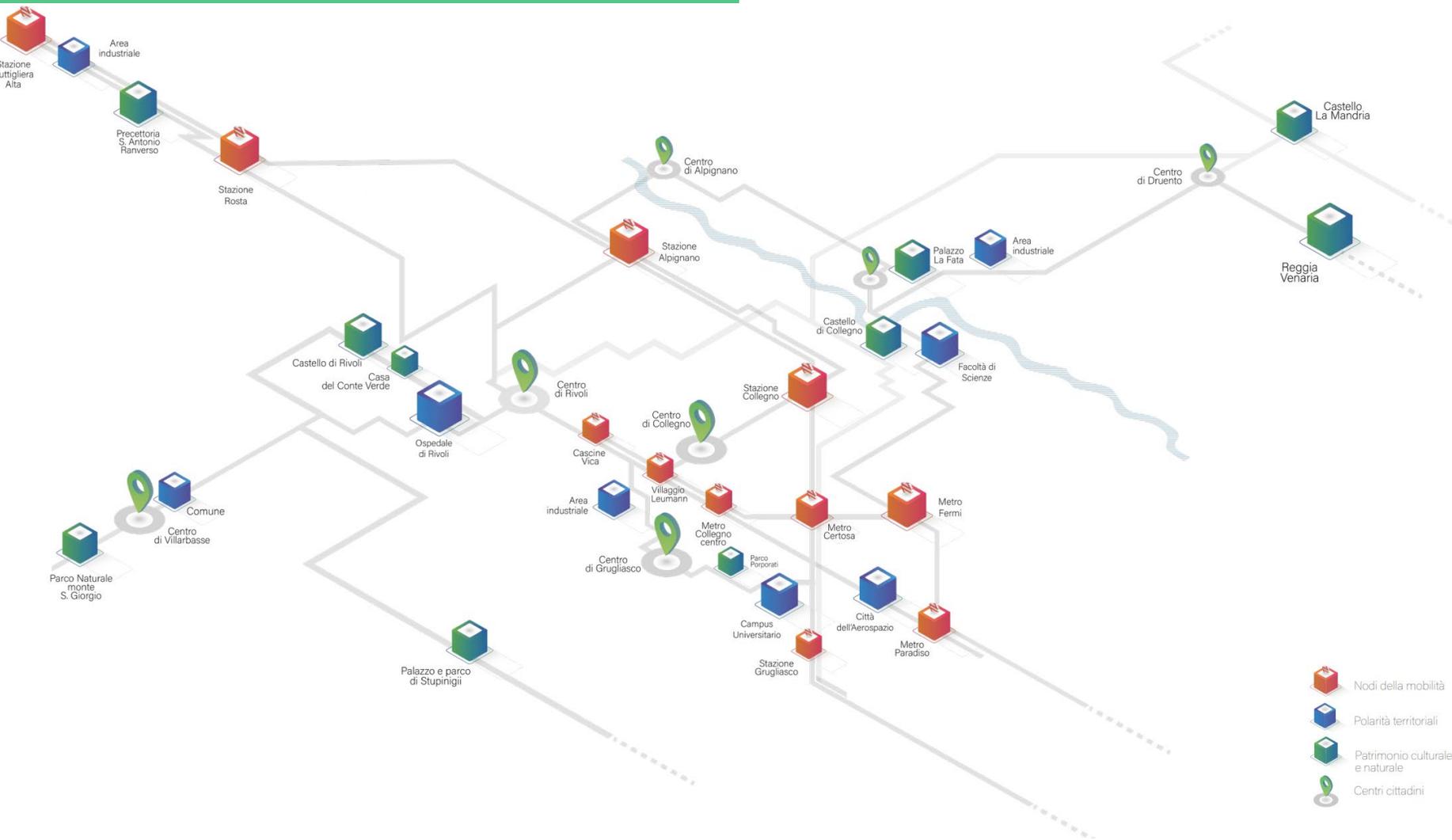
# Models



# Framework

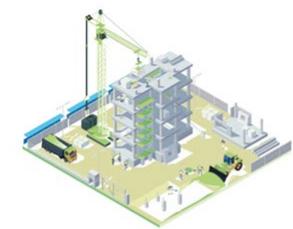


# Projects



-  Nodi della mobilità
-  Polarità territoriali
-  Patrimonio culturale e naturale
-  Centri cittadini

## Development approach



Convogliare oneri urbanistici da progetti in corso per realizzazione LINES



Ridisegno sezione stradale a favore di utenti



Ricucitura e connessione sistema spazi aperti



Trasformare spazi di risulta da ridisegno sezione stradale in nuovi spazi pubblici



Promuovere usi di prossimità attraverso riqualificazione spazi condivisi



Inserimento elementi di arredo urbano

# Projects

## Culture Hub of Venaria Reale



# Projects

Parco della Certosa of  
Collegno





CALL DI INTERESSE

# Butterfly Area

Sinergie innovative con le imprese



# Public Private Synergies



# Accessibility planning

# Development approach



- Connettere tracciati esistenti ad oggi scollegati
- Aumentare la sicurezza reale e percepita degli spostamenti per utenti fragili
- Garantire requisiti tecnici per percorrenza ad alto flusso
- Raggiungere l'obiettivo strategico di 0 vittime della strada definito dal PRMT
- Garantire separazione da traffico veicolare
- Ricavare spazi adeguati per la pedonalità

- Lines
- Corona di Delizi
- BikeOnda
- Ferrovia
- Metropolitana
- In fase di realizzazione
- Stazione ferroviaria
- Fermata metropolitana



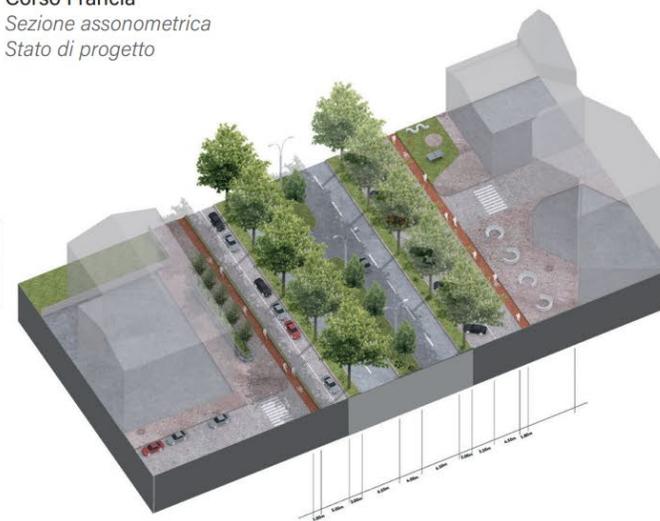
**Torino**  
Corso Francia  
Sezione assonometrica  
Stato di fatto



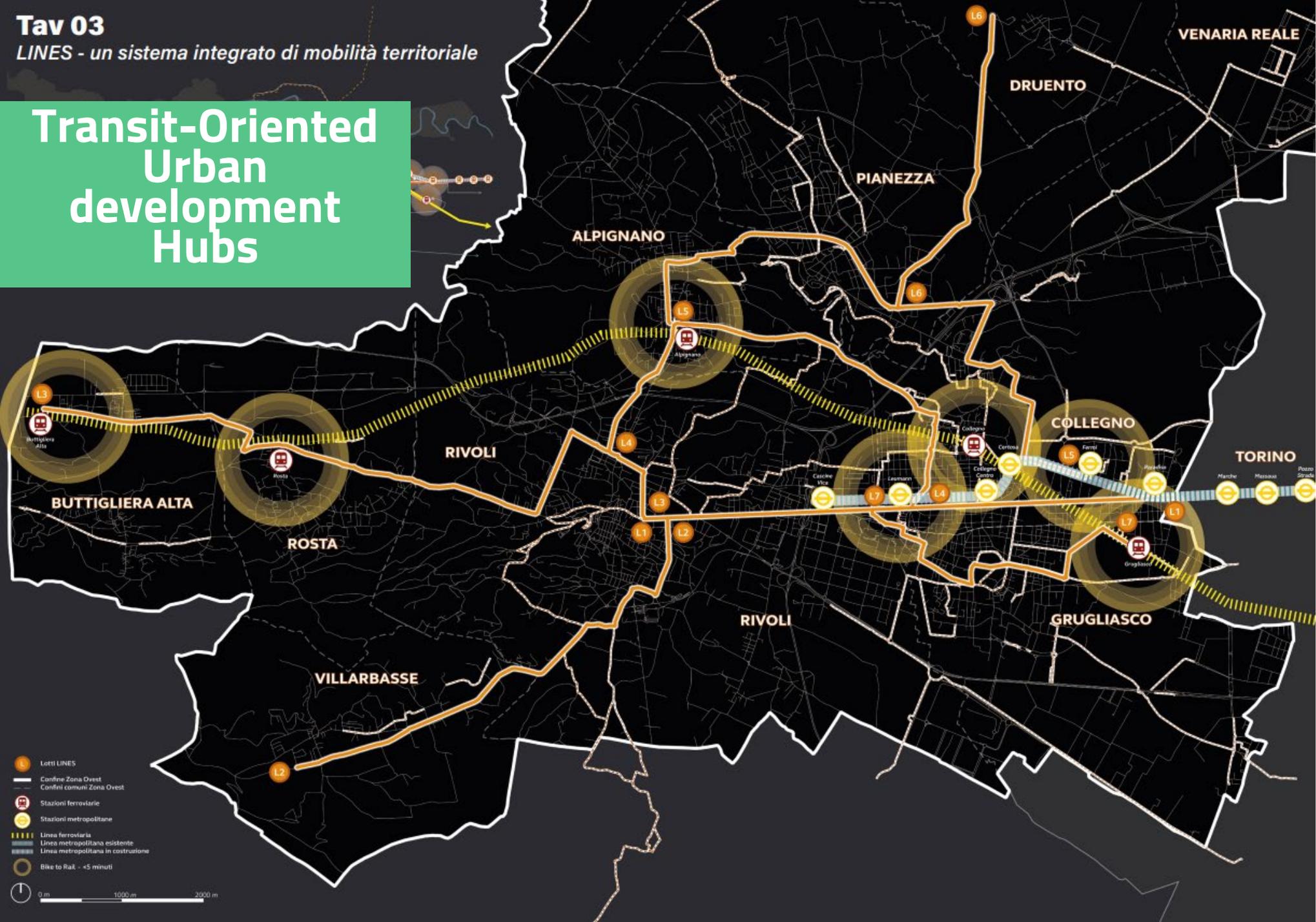
**Collegno**  
Corso Francia  
Sezione assonometrica  
Stato di progetto



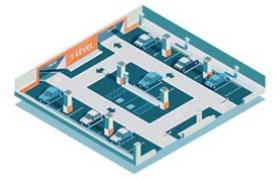
**Rivoli**  
Corso Francia  
Sezione assonometrica  
Stato di progetto



**Transit-Oriented  
 Urban  
 development  
 Hubs**



Supportare decentramento funzionale con sistema di mobilità all'avanguardia e qualità spazio aperto



Individuare aree strategiche per parcheggi scambiatori

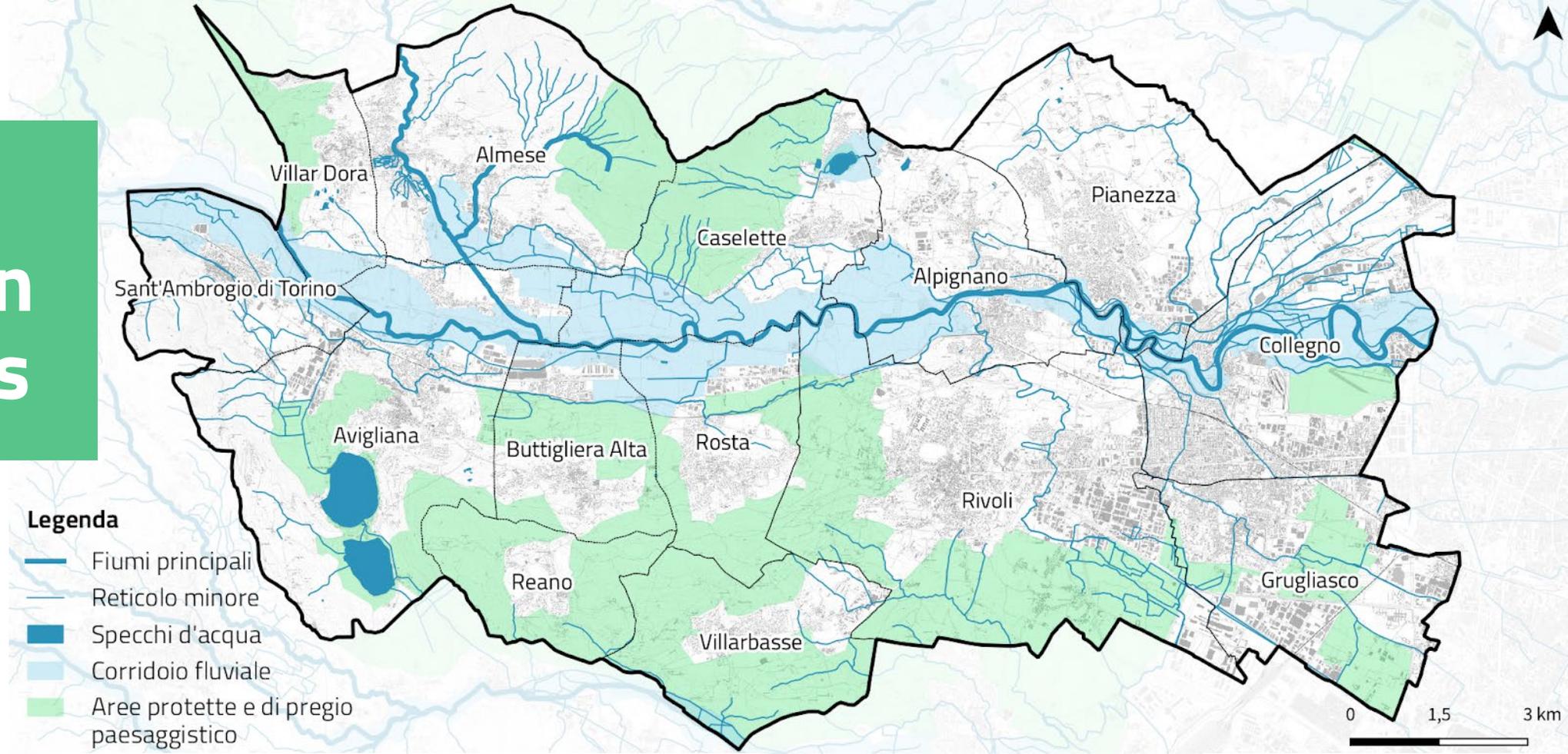


Riorganizzare parcheggi esistenti massimizzando la capacità



Permettere integrazione con trasporti pubblici di superficie

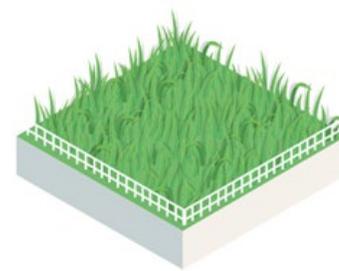
# Climate mitigation strategies



Conservazione e valorizzazione sistemi paesaggistici e naturali



Connettere habitat naturali con utilizzo specie autoctone



Massimizzare superfici permeabili con azioni sistematiche di depavimentazione



Ottimizzare raccolta, depurazione, riuso acque meteoriche

An aerial photograph of a city, likely Turin, showing a dense urban landscape with many buildings and a prominent street lined with trees. A large, semi-transparent green rectangular box is overlaid in the center of the image, containing the text 'GRAZIE THANK YOU' in white, bold, uppercase letters. The background image is slightly faded, and the green overlay follows the path of the tree-lined street on the right side of the frame.

**GRAZIE  
THANK YOU**