Venaria Reale Regeneration - Planning for Heritage Studio - Analysis

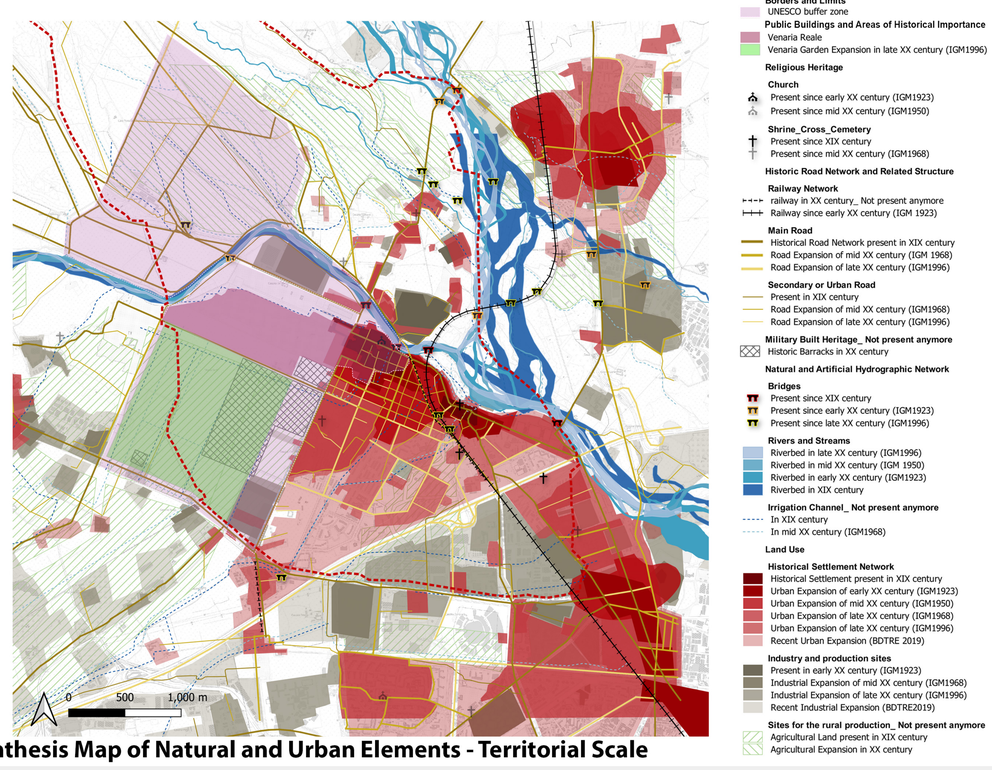
Timeline

Amedeo di Castellamonte — Carlo Emanuele II
Michelangelo Garove — Vittorio Amadeo II
Filippo Juvara
Benedetto Alfieri — Carlo Emanuele III

200 Years

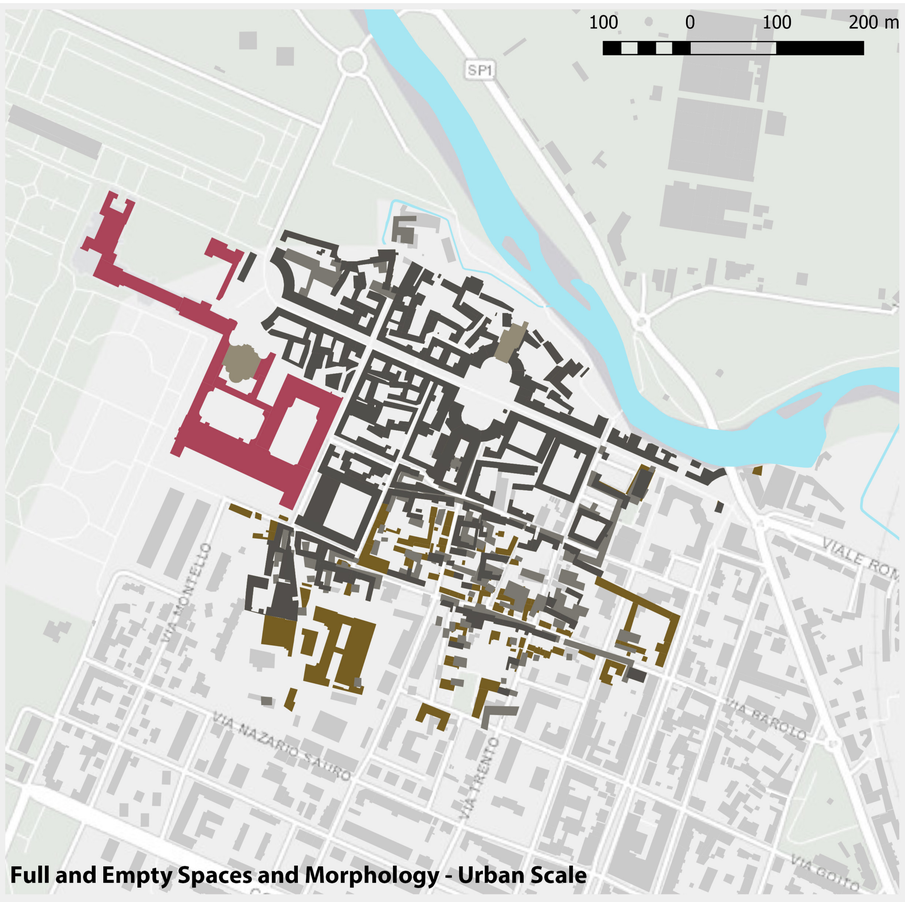
- **1658-1680** Phase One
- **1699-1706** Phase Two
- **from 1717** Phase Three
- **1739-1750** Phase Four
- **1798-1999** Military Barracks & Decline
- **1999-2007** The Restoration project
- **from 2007** Rebirth

Urban Extentions and Morphology



Synthesis Map of Natural and Urban Elements - Territorial Scale

Synthesis Map of Natural and Urban Elements - Urban Scale

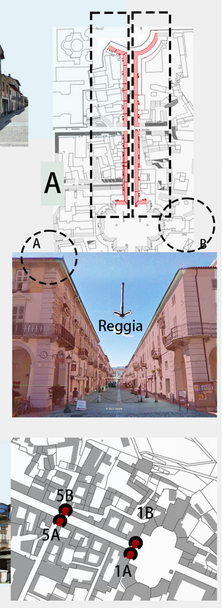


Full and Empty Spaces and Morphology - Urban Scale

Historical Architectural Analysis

View and Geometry

Articulation



Separated with plaster

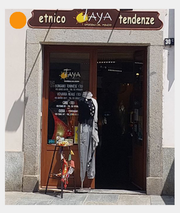
Separated with stones

Type and Material

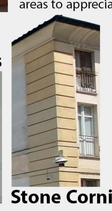
Porticoes

Quadripartite Porticoes- Baroque Style

A portico is a covered exterior gallery or arcade that is open on one or more sides. It typically has columns or arches on the open side, allowing views of the surrounding landscape. The Venaria Reale Palace has loggias within its expansive gardens, providing visitors with covered areas to appreciate the outdoor scenery.

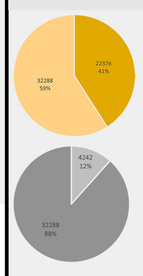


Circular balconies



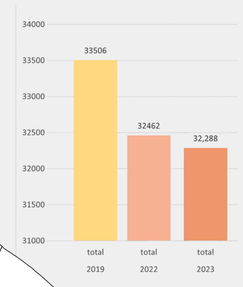
Stone Cornics

Socio Economic Features

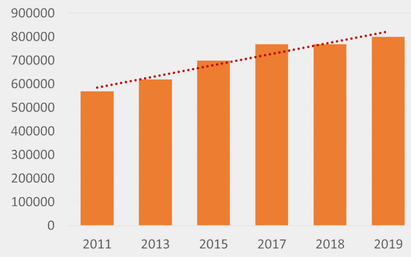


Resident Population

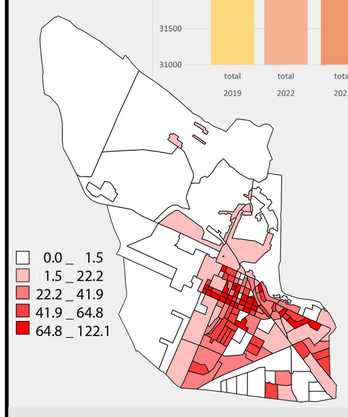
- Total Population
- 3-18 Aged population
- Total Population
- Under 62 aged population



Venaria Reale Visitors over the years

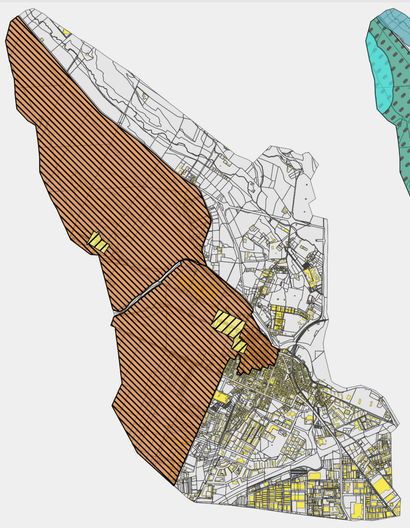


2011 — 35% → 2019



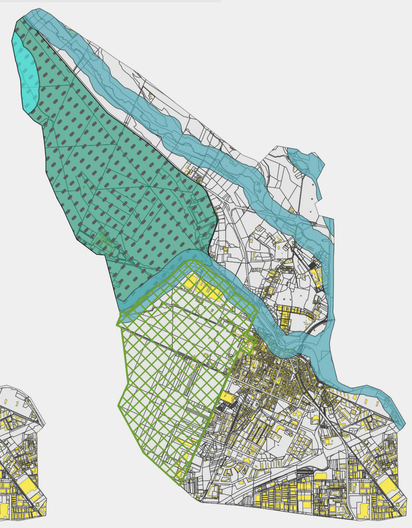
Venaria Reale has an aging population, with more than half over 62 years old. To ensure a vibrant future, the town needs to attract younger residents by providing affordable housing, job opportunities, and cultural activities. Educational programs could also be developed to attract younger generations, including vocational training, language courses, and cultural events. This will enrich the town's fabric and create a better future for all.

Regulation and Planning Asset



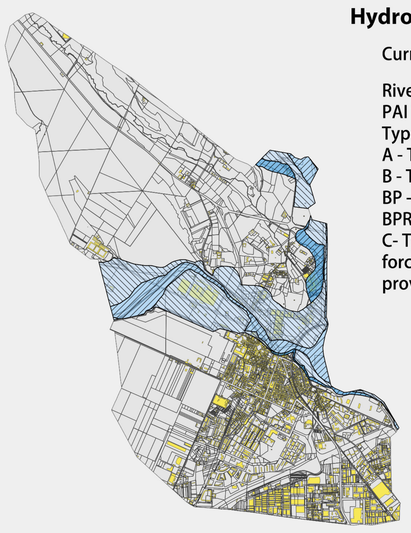
UNESCO Sites - Residences of the Royal House of Savoy

The data, area, reports, divided into buffer zones and core zones, the Savoyard residences included in the UNESCO World Heritage list



Ex L. 778/1922 and L. 1497/39 Natural and panoramic beauties

-Declaration of notable public interest of the Castle and of the areas of the Royal Gardens in the municipalities of Venaria and Druento
-Natural and panoramic beauties



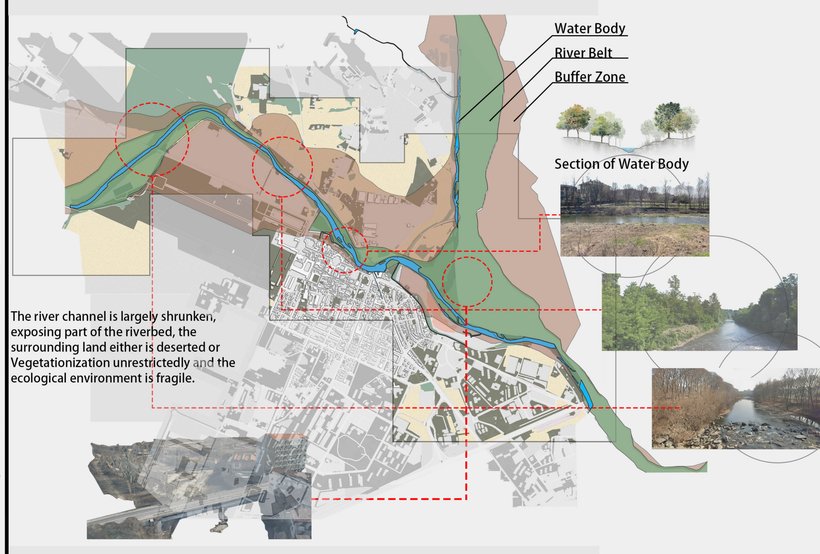
Hydrogeological plan (PAI) - Flooding areas

Current river bands and floodable areas

River bands and floodable areas deriving from the PAI in force and subsequent additions.
Type of river belt PAI:
A - Type A river belt in force
B - Type B river belt in force
BP - Project type B river belt
BPR - Project B type river belt implemented
C- Type C river belt in
force Data regional data created on the basis of data provided by the Po River Basin Authority

- Buffer Zone
- Core Zone
- Natural and panoramic beauties
- Notable public interest
- Lake Bands
- River Bands
- Floodable areas

Water Body



Planning Framework

Problems and Current Situation

- Car Dominates
- Old Residents
- Lots of Car Parkings Without Green Areas
- Abandoned Buildings
- Single-Function Waterfront Area

Heritage-based Planning Theory (Zukin, 2010)
Education-oriented Planning Theory (Heppell & Hillier, 2015)
Waterfront Planning Theory (Breen, Rigby, & Smith, 2014)
Compact City Planning Theory (Calthorpe, 1993)

- Pedestrian-Oriented
- Recreational
- Green Areas
- Educational Opportunities
- Functional Waterfront
- Proximity

Make the city more engaging, attractive, and suitable for people to live and work

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GROUP NO . 4
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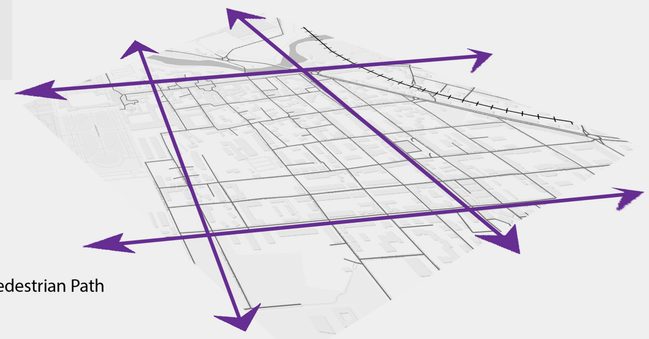
Venaria Reale Regeneration - Planning for Heritage Studio - Proposal

Concept and Strategic Map

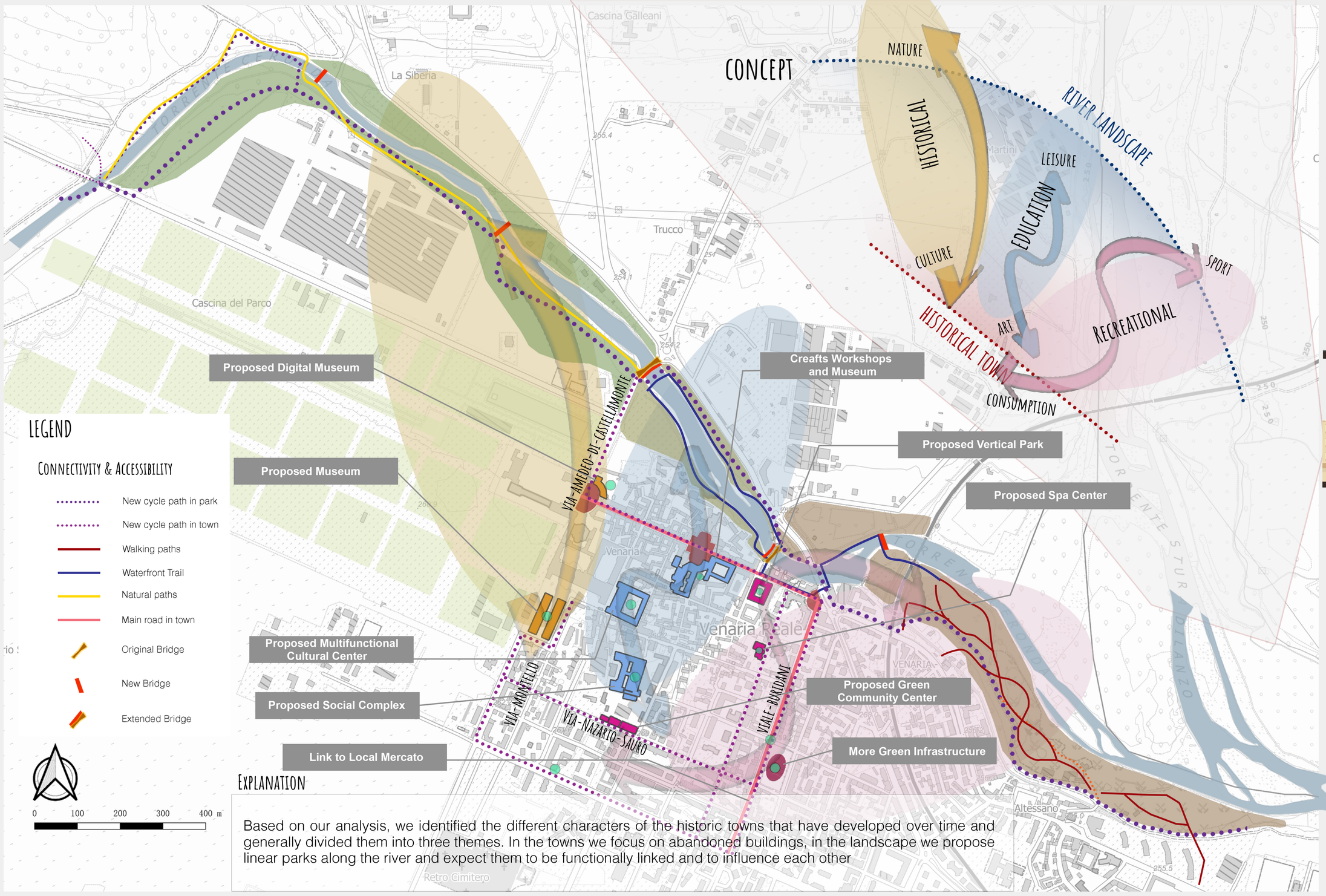


Upgrade Cycle and Pedestrian Path and Link to Services

Green Area Infrastructre Improvment
Pocket Parks, More Green Spaces and Urban Furniture

Repurposing abandoned buildings and creating multifunctional waterfront spaces.

20-Minute Neighbourhood
Safe Accessibility, Open Spaces, Local Living Services, Thriving Local Economic, and Living Localy

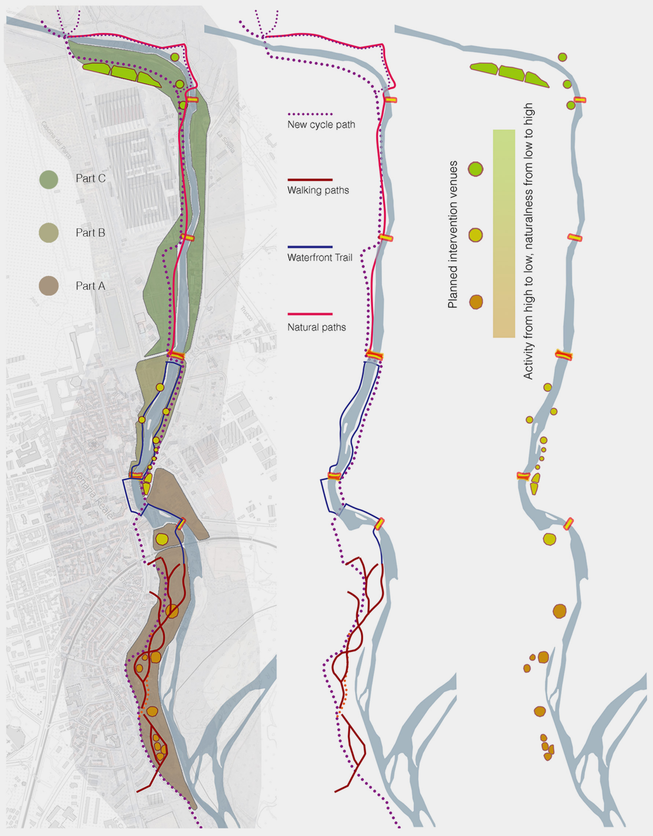


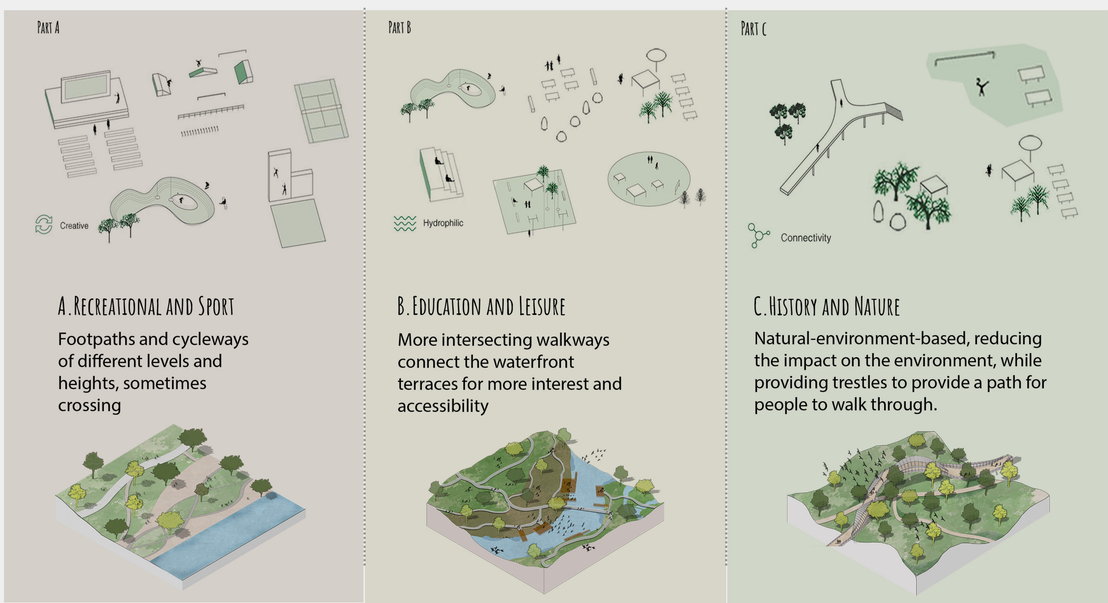
Improved Road System

Explanation

Based on our analysis, we identified the different characters of the historic towns that have developed over time and generally divided them into three themes. In the towns we focus on abandoned buildings, in the landscape we propose linear parks along the river and expect them to be functionally linked and to influence each other

Linear Park





A. Recreational and Sport

Footpaths and cycleways of different levels and heights, sometimes crossing

B. Education and Leisure

More intersecting walkways connect the waterfront terraces for more interest and accessibility

C. History and Nature

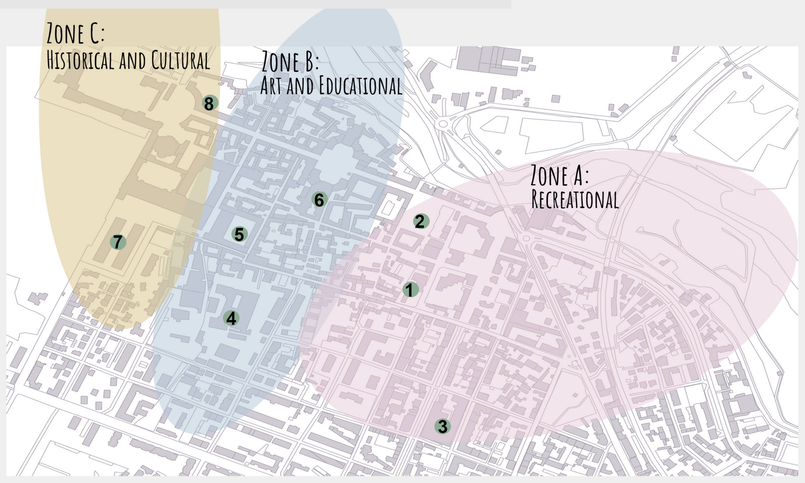
Natural-environment-based, reducing the impact on the environment, while providing trestles to provide a path for people to walk through.

Part A
Tourists and residents
Recreational and Sport

Part B
Visitors and residents of different age groups
Education and Leisure

Part C
Campaigners and Tourists
History and Nature

Historic Town Transformation



Zone A: Recreational

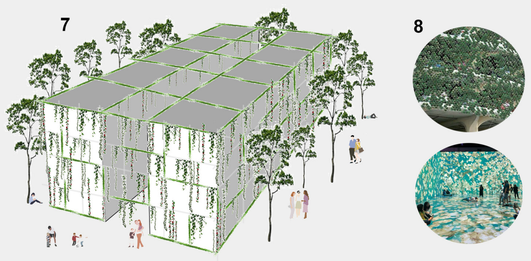
Caserma Carabinieri building converted into a spa, Underground parking lots transformed into a green community center, Vertical park created above the underground parking lots, Suggested addition of more green spaces in Piazza Pettiti.

Zone B: Art and Education

Corte Pagliere building turned into a multifunctional cultural center, Caserma Beleno repurposed into a social complex, Cinema Dante, Ospedale, and Infermeria quadrupedi buildings transformed into crafts workshops and museums.

Zone C: Historical and Cultural

Caserma Gamerra building transformed into a museum, Condominio Esedra building repurposed into a digital museum.



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