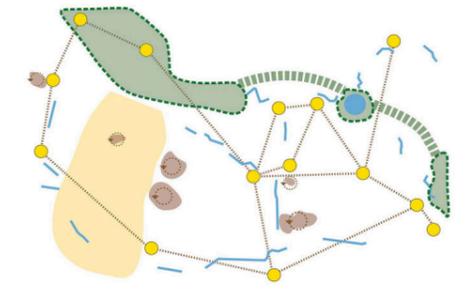
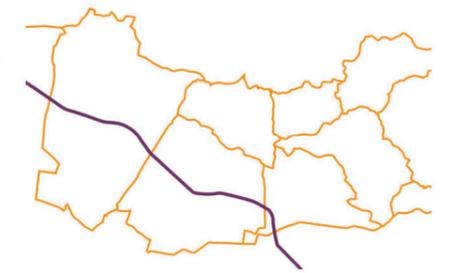


Connection system along Via Carolingia among main urban poles



Green and agricultural landscape linked with agricultural courts network



Cyclo-pedestrian path and Goitese main road

LINK THROUGH WATER AND HISTORY

Country / City	Italy / Mantova
University / School	Politecnico di Milano, Polo Territoriale di Mantova, Master of Science in Architectural design and history
Academic year	2017-2018
Title of the project	LINK through WATER and HISTORY
Authors	Chen Bowen - Ongari Sabrina





PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB- Escola Tècnica Superior
d'Arquitectura de Barcelona
Avenida Diagonal, 649 piso 5
08028 Barcelona-Spain

TECHNICAL DOSSIER

Title of the project LINK through WATER and HISTORY
Authors Chen Bowen - Ongari Sabrina
Title of the course Planning in historical context studio
Academic year 2017-2018
Teaching Staff Carlo Peraboni, Chiara Lanzoni, Chiara Giacomelli, Setareh Baniasadi
Department/Section/Programofbelonging Dastu - Dipartimento di architettura e studi urbani
University/School Politecnico di Milano, Polo territoriale di Mantova, Master of Science in Architectural design and history

Written statement, short description of the project in English, no more than 250 words

The projects of cultural itineraries constitutes a concrete affirmation of the fundamental values of the European society and cultural identity. The main objectives of the project are the promotion of an awareness of a common European cultural identity and the protection and enhancement of local cultural and natural heritage . The Via Carolingia is a cultural itinerary that crosses the river Po valley and the morainic hills of lake Garda through a very heterogeneous landscape. The aim of the project is the development of a greater territorial connection, guaranteed by the creation of a cycle-pedestrian system that takes on different connotations according to the context it passes through. If in the hilly part a path has been conceived that crosses and unites with the ideation of green corridors, the different natural parks, in the flat area there is a system of paths that allow a better use of the distinctive features of the agricultural landscape of Alto Mantovano. This system of routes has been specifically designed to intercept the elements of contextual interest. Two itineraries were also planned which, starting from Via Carolingia, constitute a new appendix, connecting the main points of historical interest, including the UNESCO site. The purpose of these two links is the enhancement and promotion of the peculiar cultural and natural characteristics of two settlement centers, perceptible both by the tourist flows that ideally travel along the Via Carolingia, and from the local communities.

For further information

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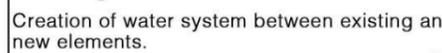
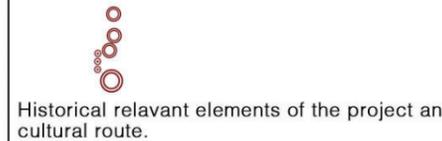
Contact via email at: biennial.paisatge@upc.edu

Consult the web page <http://landscape.coac.net/>

LINK THROUGH WATER AND HISTORY

CONCEPT PLAN

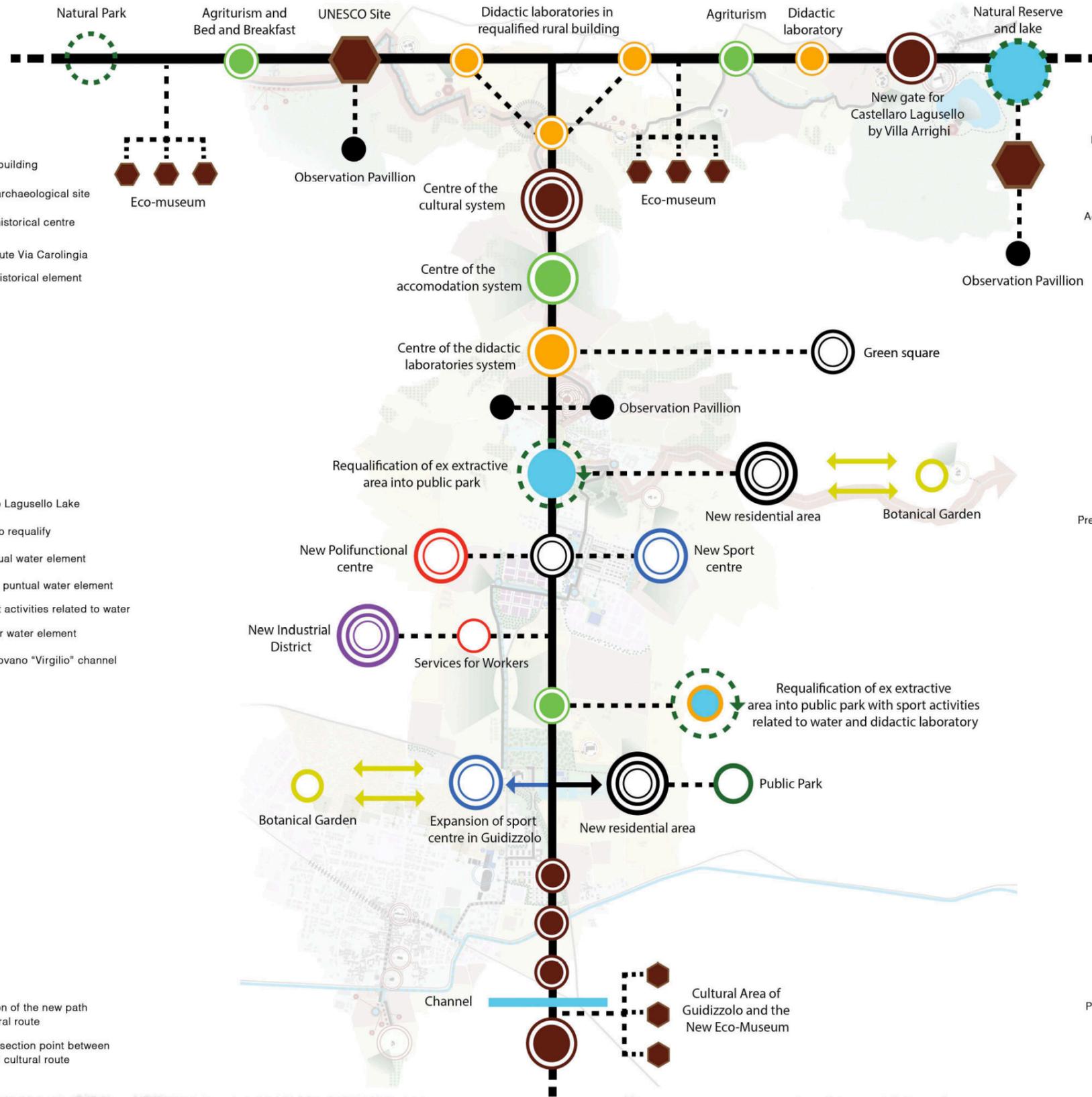
Starting by the cultural route Via Carolingia, that passing through Cavriana, the project take into account the historical aspects present in Castellaro Lagusello and Guidizzolo and make these centralities as appendix of the main route. Inspired by the presence of important water element like Castellaro Lagusello lake and Medio Mantovano "Virgilio" channel and to unify and give new identity at this area, following the traces of the landscape, will be realized a pedestrian-cycle path to link them.



- Historical building
- UNESCO archaeological site
- Cavriana historical centre
- Cultural route Via Carolingia
- Relevant historical element

- Castellaro Lagusello Lake
- Channel to requalify
- New puntual water element
- New main puntual water element
- New sport activities related to water
- New linear water element
- Alto Mantovano "Virgilio" channel

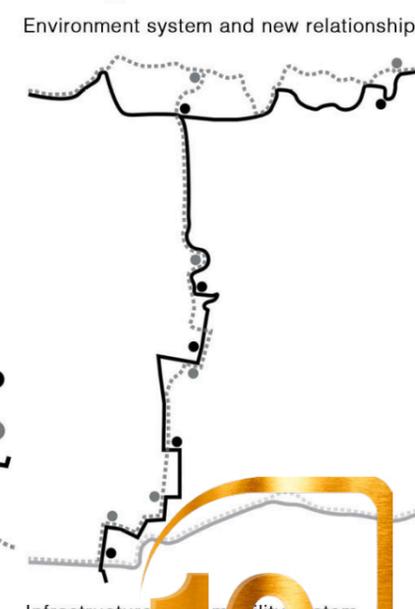
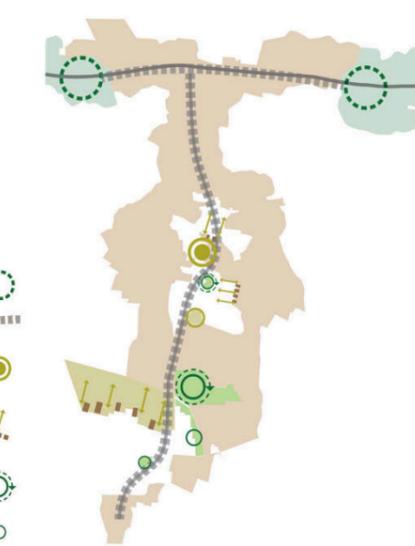
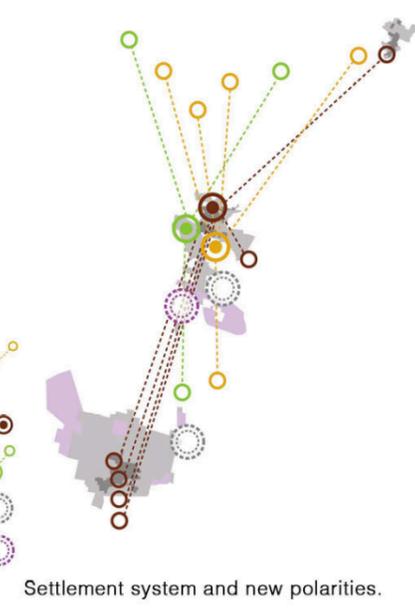
- Connection of the new path with cultural route
- Main intersection point between paths and cultural route

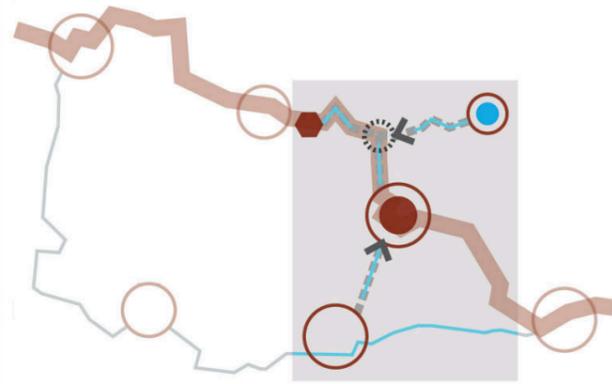


- Didactic laboratories system
- Cultural system
- Accomodation system
- Residential area
- Industrial district

- Green centralities
- Preservation landmarks and new path
- Field preservation
- Botanical garden permeability
- Requalification into public park
- Green public space

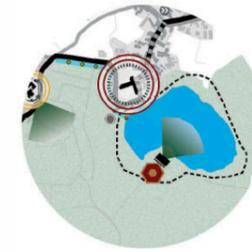
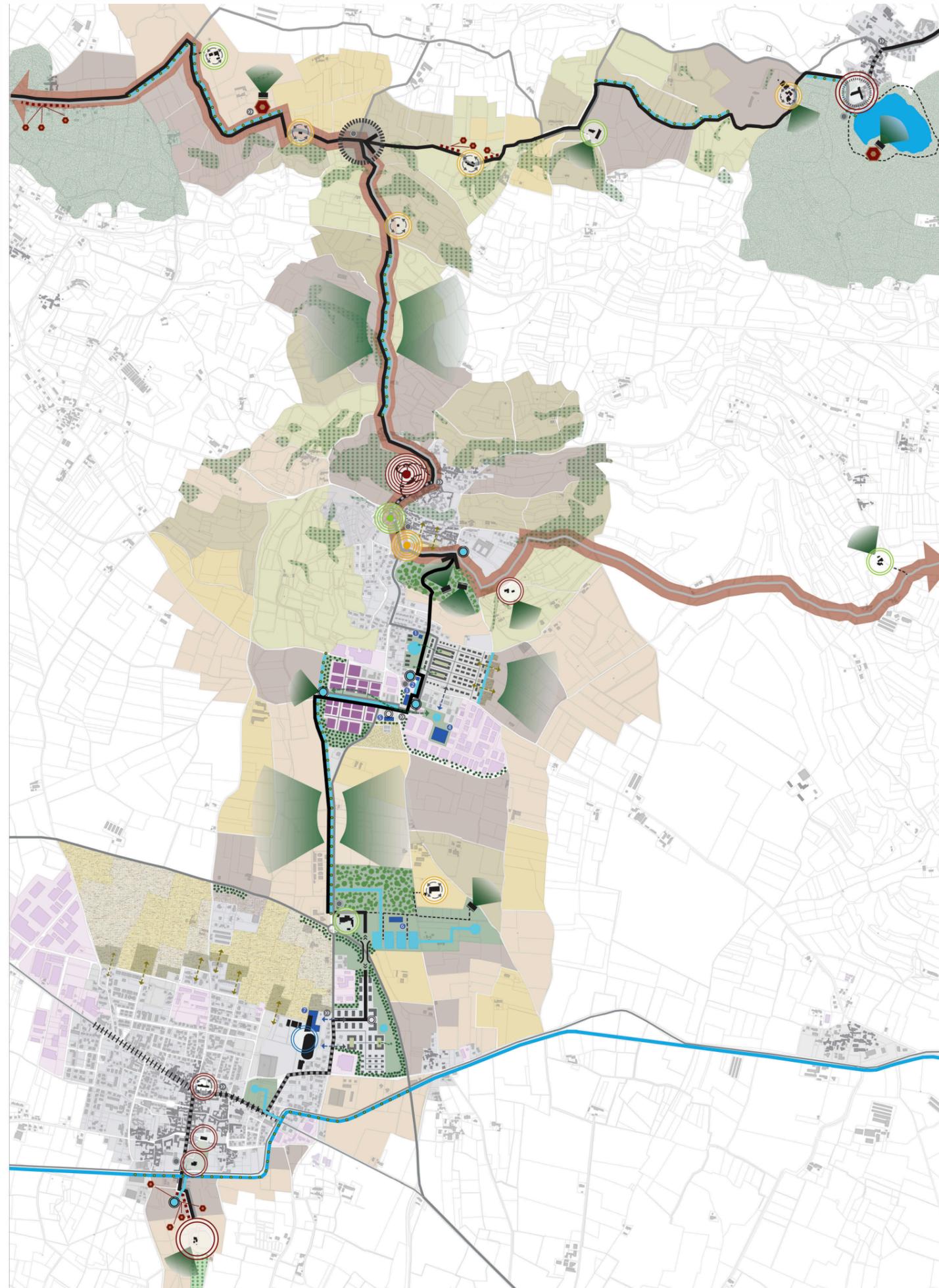
- Bike sharing station
- Shuttle bus station
- Pedestrian-cycle path
- Shuttle bus route





ENVIRONMENT / LANDSCAPE PROJECT

-  Preservation of rural area and related activities in urban context.
-  Area to be used for cultivation.
-  Public green area equipped with urban furniture as a recreative and aggregative space.
-  Semi-private green area for residents.
-  Planting of new forest or requalification of existing one introducing new spaces to enrich biodiversity.
-  Green barrier along infrastructures and in correspondence of industrial pole as a visual and acoustic mitigation element.
-  Permeability between public and semi-private green areas thanks to new walkable paths.
-  Permeability between residential area and sport centre thanks to new walkable paths.
-  Permeability between the new residential area and new botanical garden thanks to new walkable paths.
-  Redesign of the existing channels' section by placing on the side green tree line.
-  New linear water element in urban context along the roads or in public space, along this will be plant small trees.
-  Artificial lake for sportive activities like boating and fishing.
-  One or more new puntual water element like fountains or artificial lakes in public space.
-  New puntual water element in the square equipped with urban furniture.
-  New main puntual water element place in the new public park in commemoration to the water, usable as resting and recreative space.
-  Main UNESCO archeological site equipped as a new tourist itinerary.
-  Ecomuseum equipped with virtual totems in correspondence of minor archeological sites, monumental trees, resourcences and archaeological sites.
-  Panoramic view by a selected point.
-  New pavillion as equipped resting area to apprecciate the landscape.
-  Area for deep visual.



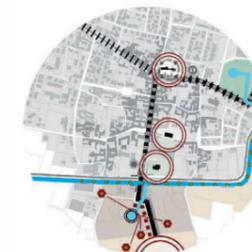
Creation a new pedestrian-cycle path that following the traces of the requalified channel that arrive up to Villa Arrighi and make it the new town gate for Castellaro Lagusello. By here starts the pedestrian path that surrounding the lake and an observation pavillion will be built.



Requalification of the relevance area of the main centres (historical, accomodation and didactic laboratories), equipping with urban furniture arealization of a new public space at the intersection between Via Carolingia and the pedestrian-cycle path.



Requalification of the ex extraction area into a public park as a rest area for recreative and sportive activities related to water like boating and fishing. Equipping this area with rent service, accommodation and didactic laboratories related to agricultural activities.



Requalification of the main square of Guidizolo, that now is used as a parking area, creating a new pavement in front of the administrative building and the tower and moving the parking area in the other part of the square. Construction of an open air auditorium in the park of Rizzini Palazzo, linked with the pro-existing polyvalent structure MAsEC as a place for events.



Realization of new public spaces equipped with urban furniture, water elements, green areas and introduction of new service buildings in Cavriana to improve the quality of workers and residents in the new industrial and residential districts.

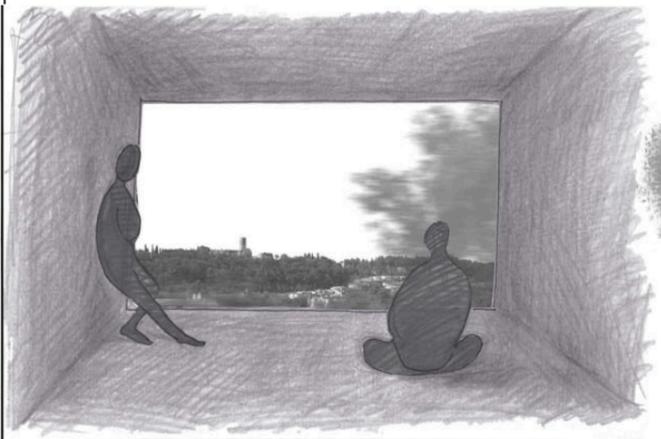




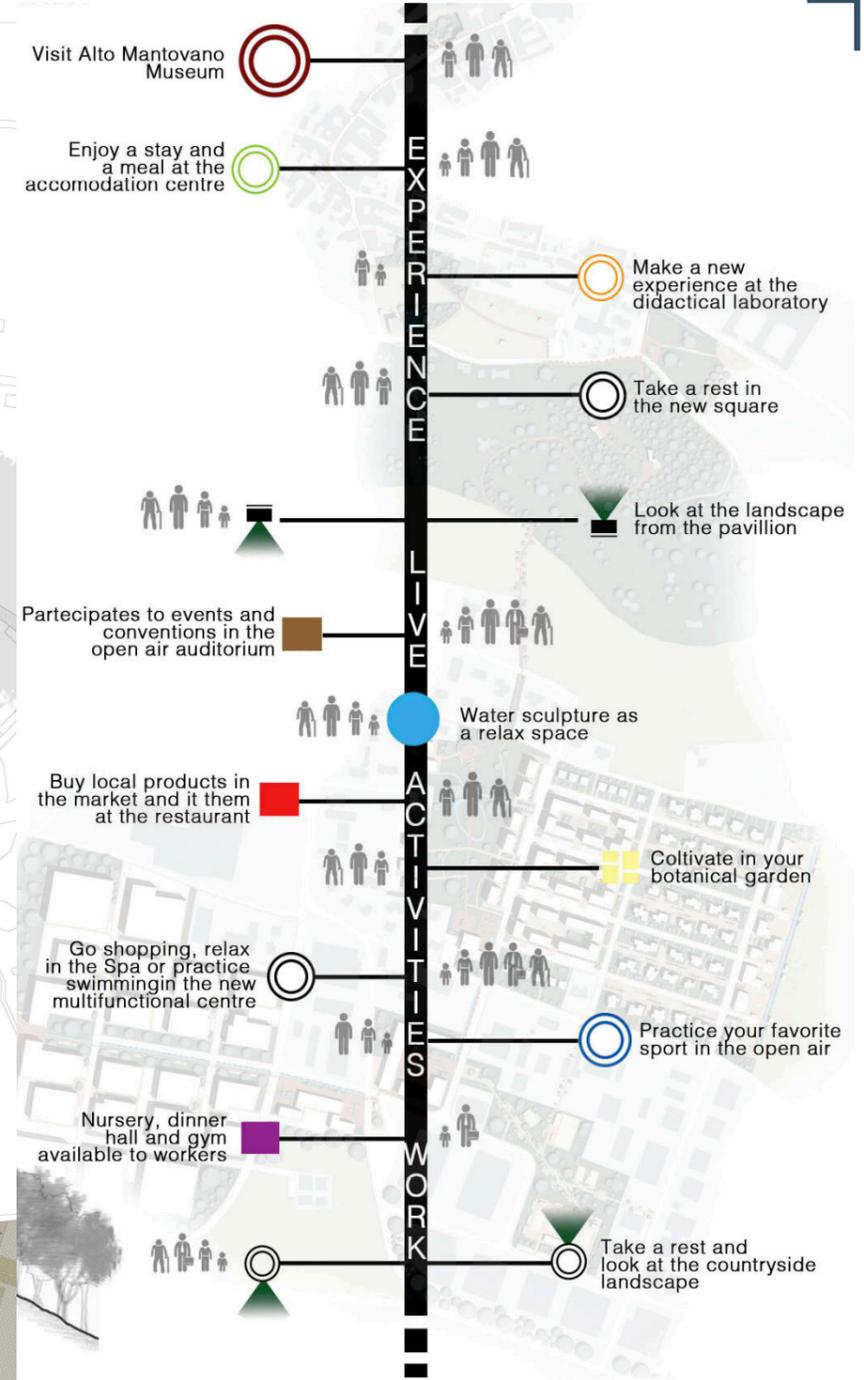
Water sculpture and open-air auditorium in the new public park.



Permeability between new residential area, botanical garden and countryside.



Observation pavilion on the top of the hill.



Market square and residential buildings.