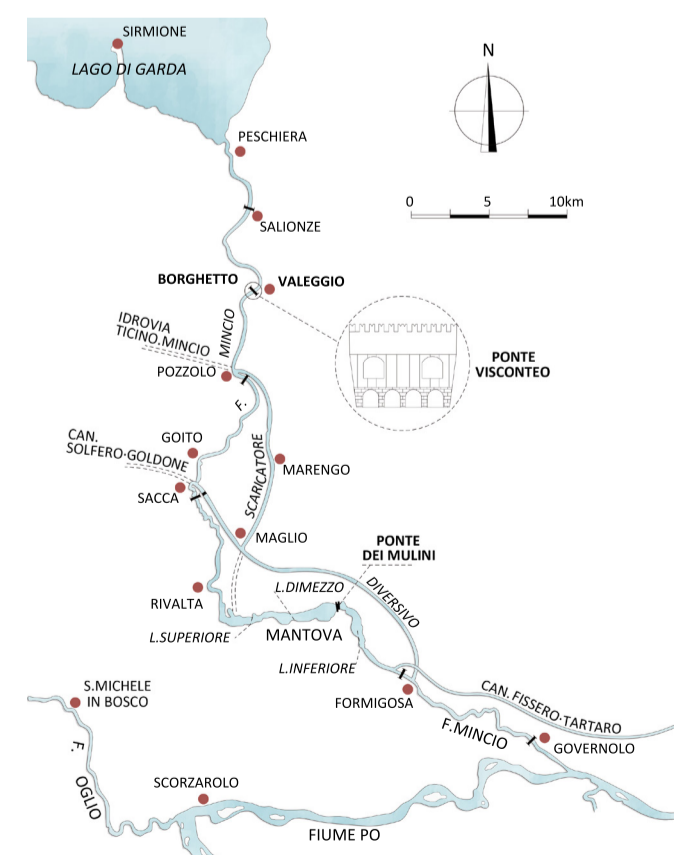


## Revitalization of the Visconteo Bridge and its landscape

Built on the 14th century the Visconteo is a bridge-dam located on the comune of Valeggio sul Mincio. It extends from east to west over the Mincio river passing over the small town of Borghetto. Both the town and the bridge along with the castle of Valeggio, have become an icon and a focal point to attract visitors. It is because there is a need to preserve and show the bridge that this project comes to life, on it the following goals were proposed:

- > Substitute the vehicle path of the bridge and redirect it on another path
- > Create connection and interaction of the bridge with the nearby settlement
- > Replace the use of the bridge while preserving its connection capabilities for the pedestrians
- > Diagnose and point out the works needed for the restoration works
- > Enhance the reading of the bridge as a monument and witness of the history of the site
- > Promote a clear definition of the management and maintenance of the bridge



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## 1. The Visconteo Bridge

Preservation and requalification

### ON THE BRIDGE

#### State of conservation:

Numerous partial restoration interventions have taken place on the bridge in recent years. Despite this, given the absence of an overall restoration and maintenance project, the deterioration process of the bridge was inevitable, compromised more by the mechanical action of atmospheric agents and vegetation.



Castellana tower Battlements East side of the bridge Rivellino

#### Presence of vegetation:

The shrubs and the enormous proliferation of ivy have in many cases damaged the binder placed between the original masonry. What follows is the progressive loss of the material constituting the bridge. In our project we aim for punctual interventions such as the drying of the vegetation.

#### S.W.O.T analysis:

##### STRENGTHS

- good location;
- richness of natural resources and beautiful landscapes;
- proximity to the river;
- rich history dating back thousands of years;
- interesting cultural events;
- presence of various cultural associations interest on it;
- close to one of the most beautiful village in Italy.

##### WEAKNESSES

- dense traffic;
- material degradation;
- safety not under control;
- no points to stop;
- no parapets;
- architectural barriers;
- no night lighting;
- vegetation that has taken over;
- air pollution;
- no specific promotion;
- no independent websites for tourists aimed at inquiring about the bridge;
- economic difficulties of the municipal administration to deal with a restoration project that invests the entire structure, being extremely large.

##### OPPORTUNITIES

- requalification for the bridge;
- development of a sustainable project;
- slow mobility;
- to acquire the value of a historical monument;
- social media makes advertising routes more accessible;
- recreate a connection with the village.

##### THREATS

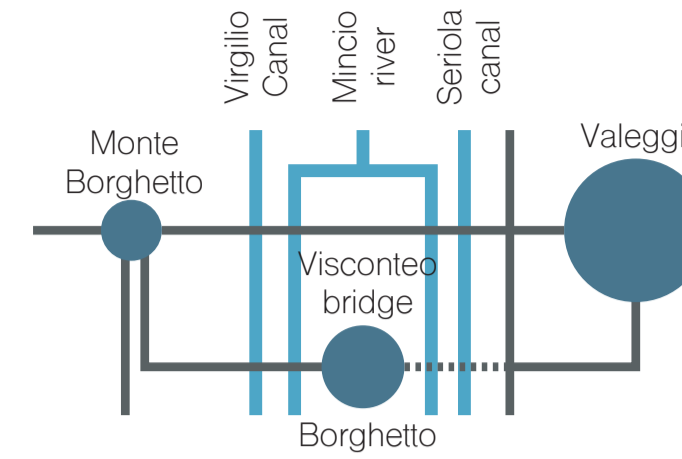
- damage to the natural and historical environment;
- the number of the car that passing on the street;
- vandalism attacks by tourist;
- loss of the original identity of the bridge.

#### New proposals:

- No car transit
- Cycle path
- Bike sharing
- Pedestrian path
- Panoramic points
- Exhibition space
- Events
- New lighting
- New urban furnitures

## 2. New connections

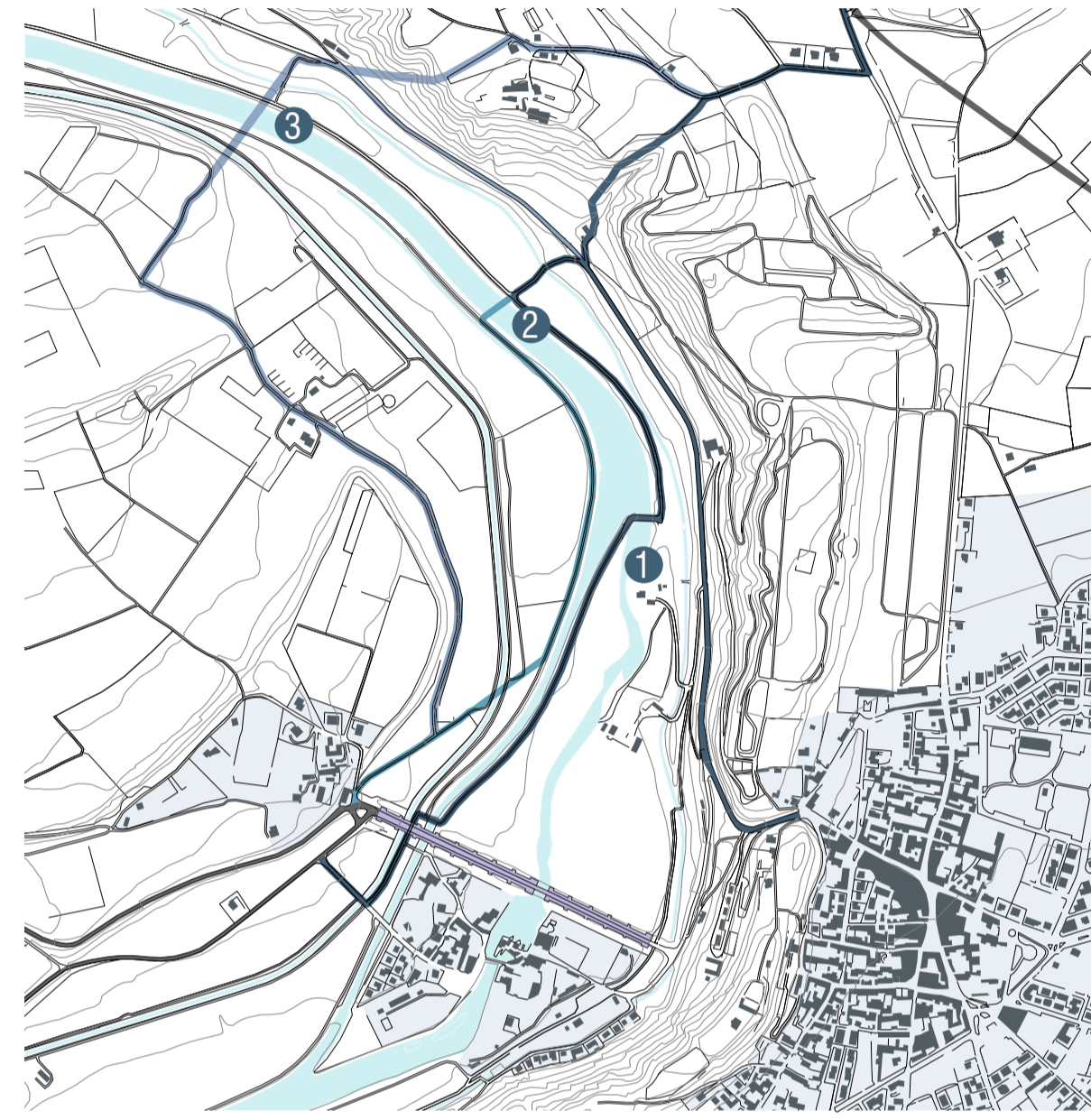
Location of the new bridge



#### What to connect:

Replacing the Visconteo bridge will require to reestablish the connection between Valeggio and Monte Borghetto, to ensure this action any cross will require to pass the three water elements that interrupt the connection, the Seriola canal, Viriglio canal and the Mincio river.

#### Alternative proposals



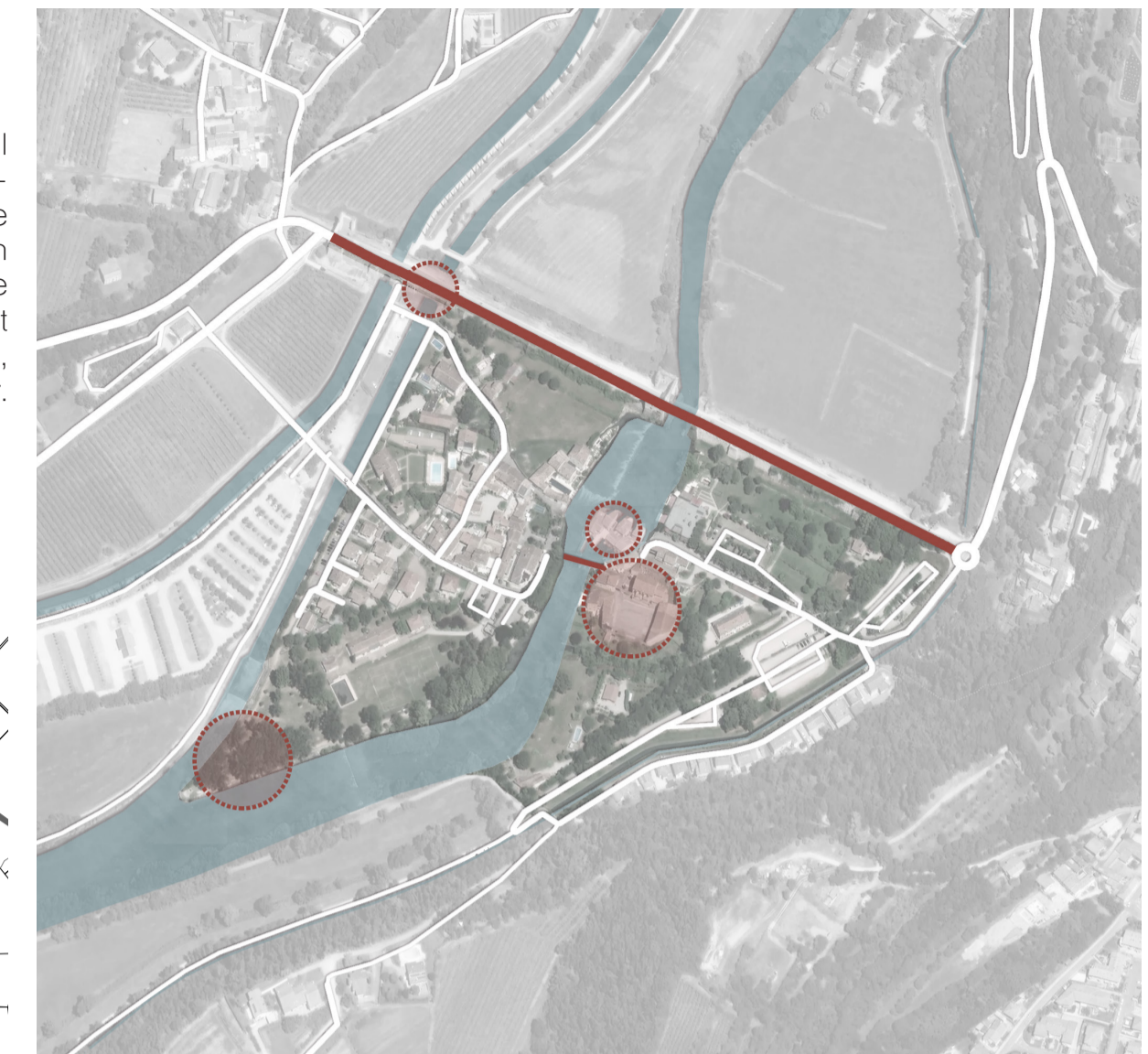
- 1 The first alternative takes on mind the re utilization of the existing system of bridges and roads, the distance of the deviation is of 3,1km
- 2 The second alternative distances from the Visconteo bridge, aligning with an existent axis, this alternative will require of the construction of new bridges, the distance of the deviation is of 2,62km
- 3 The third alternative takes on mind the crossing of all water elements on just one axis on the location where the watercourses narrow, the deviation distance of this alternative is of 3,7km

#### New proposals:

- Replacement of the vehicle pass
- New public transport route
- New touristic destinations
- Bicycle connections
- New parking lot
- Vehicle exchange hub

## 3. Borghetto sul Mincio

The surroundings of the Visconteo Bridge



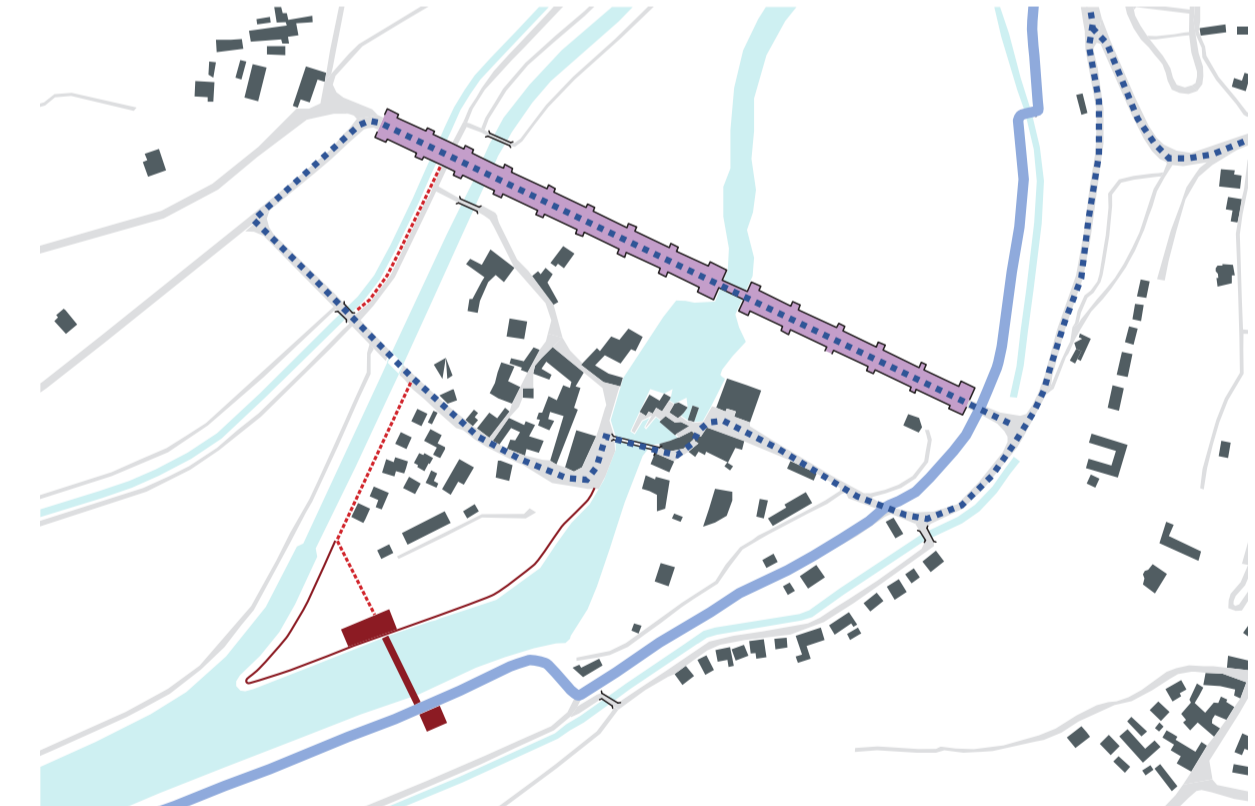
#### Historical sites:

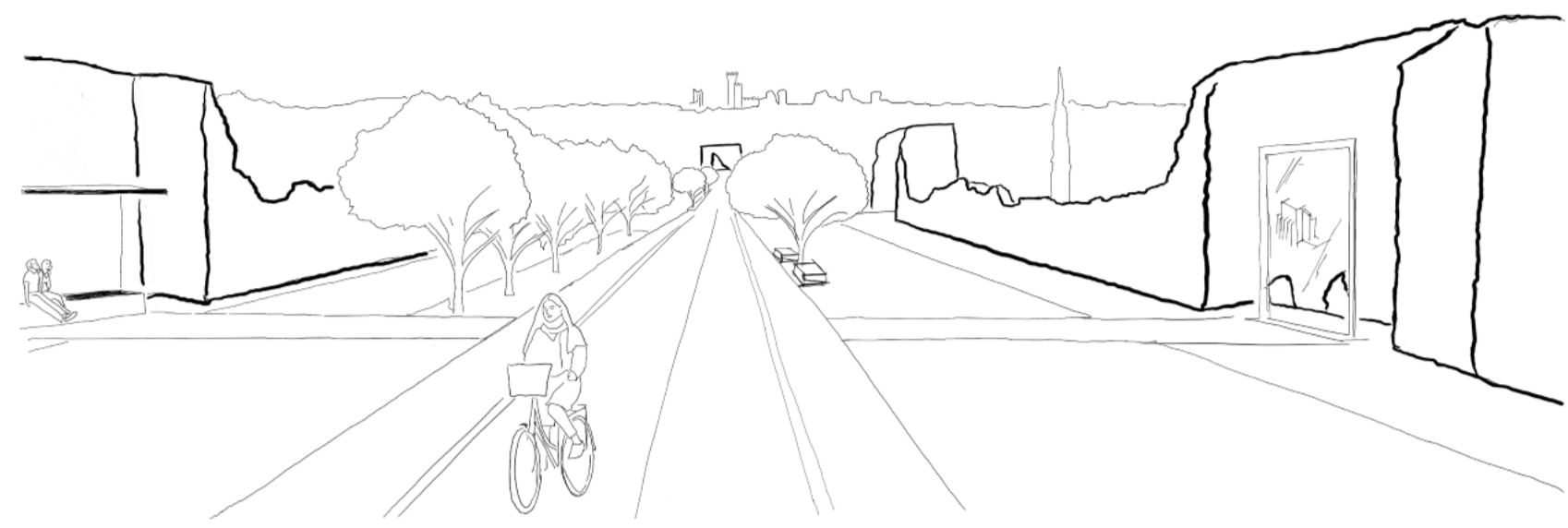


#### Local specialties:

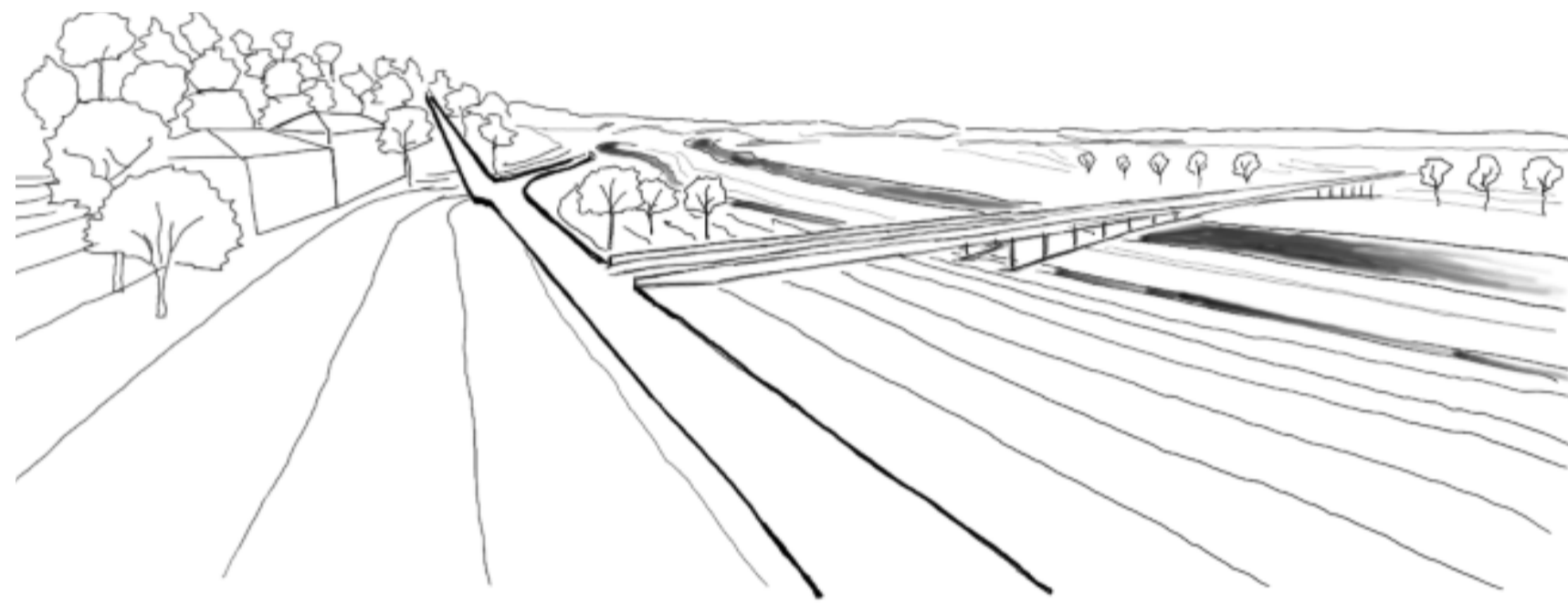


Borghetto, hamlet of Valeggio sul Mincio, has its ancient roots in history. Defined as one of the most beautiful villages in Italy where nature blends with history, to date it does not have a complete tourist offer beyond catering. In this way, our project is looking forward to establish a new system of river crossing, two banks, east and west, which today struggle to relate. This is made stronger by the design of an architectural system consisting of two buildings, they have different functions which bridging the gap in city services of Borghetto. The addition of a new road also brings the village closer to the Visconteo bridge.





1- Preservation project of the Visconteo Bridge



2- New connections for Valeggio sul Mincio



3- New project on Valeggio sul Mincio