

# THE GREEN RING

Country / City ..... Italy / MANTOVA .....

University / School ..... Politecnico di Milano, Polo Territoriale di Mantova, Master of Science in Architectural design and history .....

Academic year ..... 2019/2020 .....

Title of the project ..... The Green Ring .....

Authors ..... Hanna Schröder - Ming Jiang - Nadia C.Rocco Zamora - Yuqian Su .....

## TECHNICAL DOSSIER

Title of the project	The Green Ring
Authors	Hanna Schröder - Ming Jiang - Nadia C.Rocco Zamora - Yuqian Su
Title of the course	Planning in historical context studio
Academic year	2019/2020
Teaching Staff	Carlo Peraboni, Chiara Lanzoni, Chiara Giacomelli, Sara Negrelli, Francesco Varesano
Department/Section/Program of belonging	
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 project worked on two different scales. On the first scale, we can perceive the first traces of our green ring. It's constituted by two main sections, which start and end at several different nodes with diverse purposes: a river connection node, a biodiversity research node, an environmental node and an agricultural node. The river and its surrounding protected areas trace the mainframe of the green ring. We extended them along the north part to act as a buffer along the river.

The secondary part of the green ring is "landscape-based", following a mix of historic and current river and canal flows, shaping the circuit into a complete loop while better connecting the neighbouring cities and allowing an interesting experience for tourists and locals through the different landscapes of these regions.

When we move into a smaller scale, our design starts to create individual green rings for the different cities through a series of different green parks, which depending on their location can change their purpose, acting as buffer areas and transition elements.

For further information  
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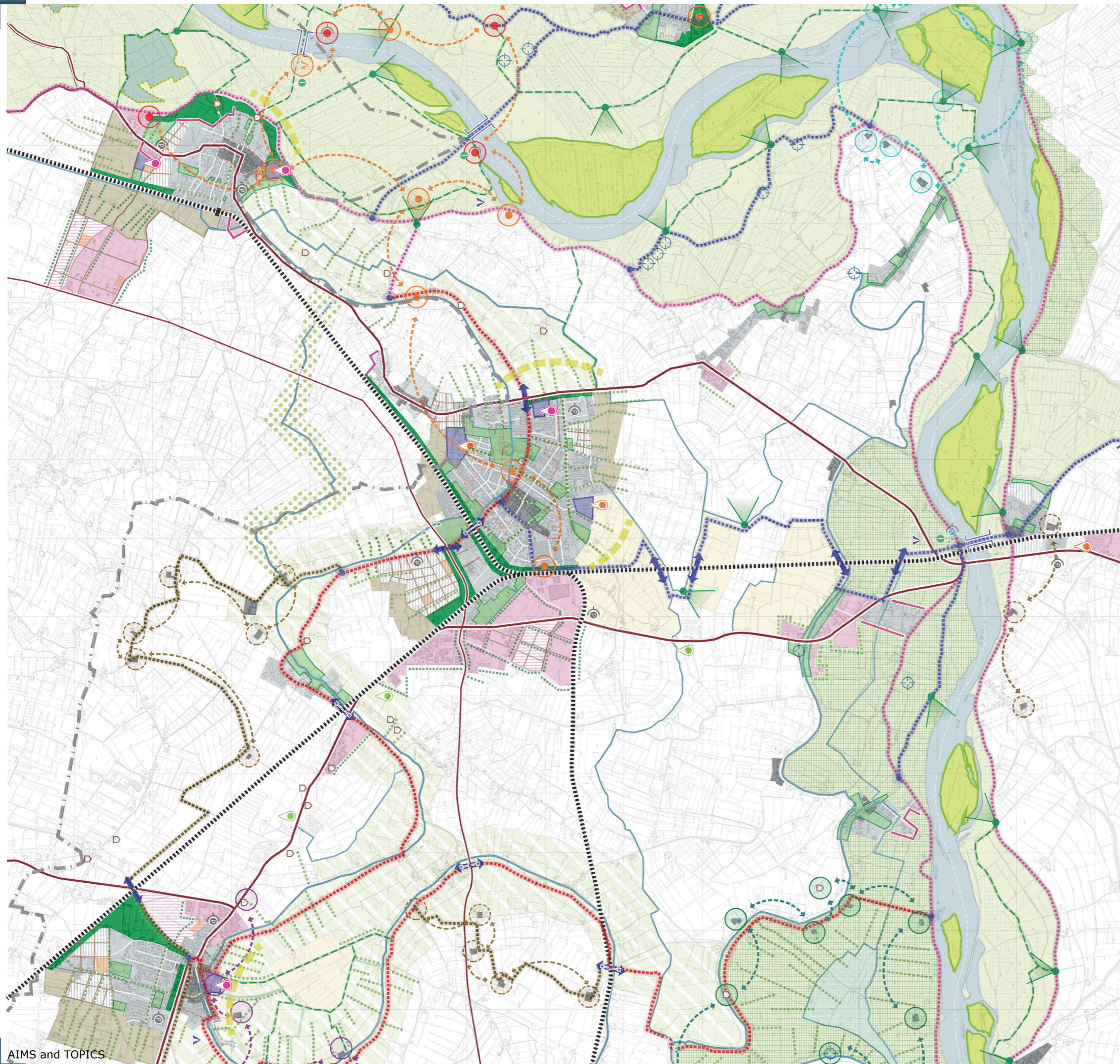
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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE

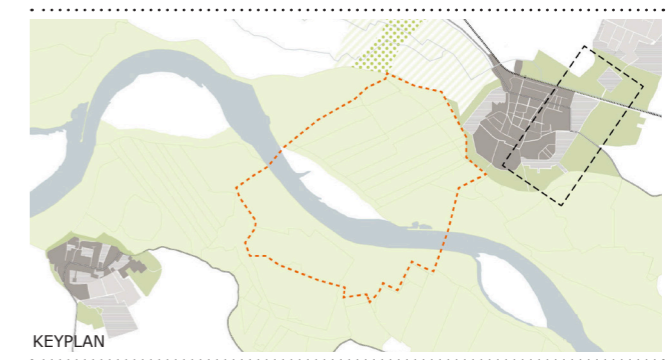


AIMS and TOPICS



The main vision for this project is to repositably integrate citizens and tourists into the landscape and vice versa. By **Including the community in projects of research for the improvement of the flora and fauna of the area**, and by re-inserting green systems into the urban and agricultural landscape. The project aims to solve many existing problems concerning the natural and man-made environment and meets many of the **\*Sustainable Development Goals 2030**.

**THE GREEN RING**

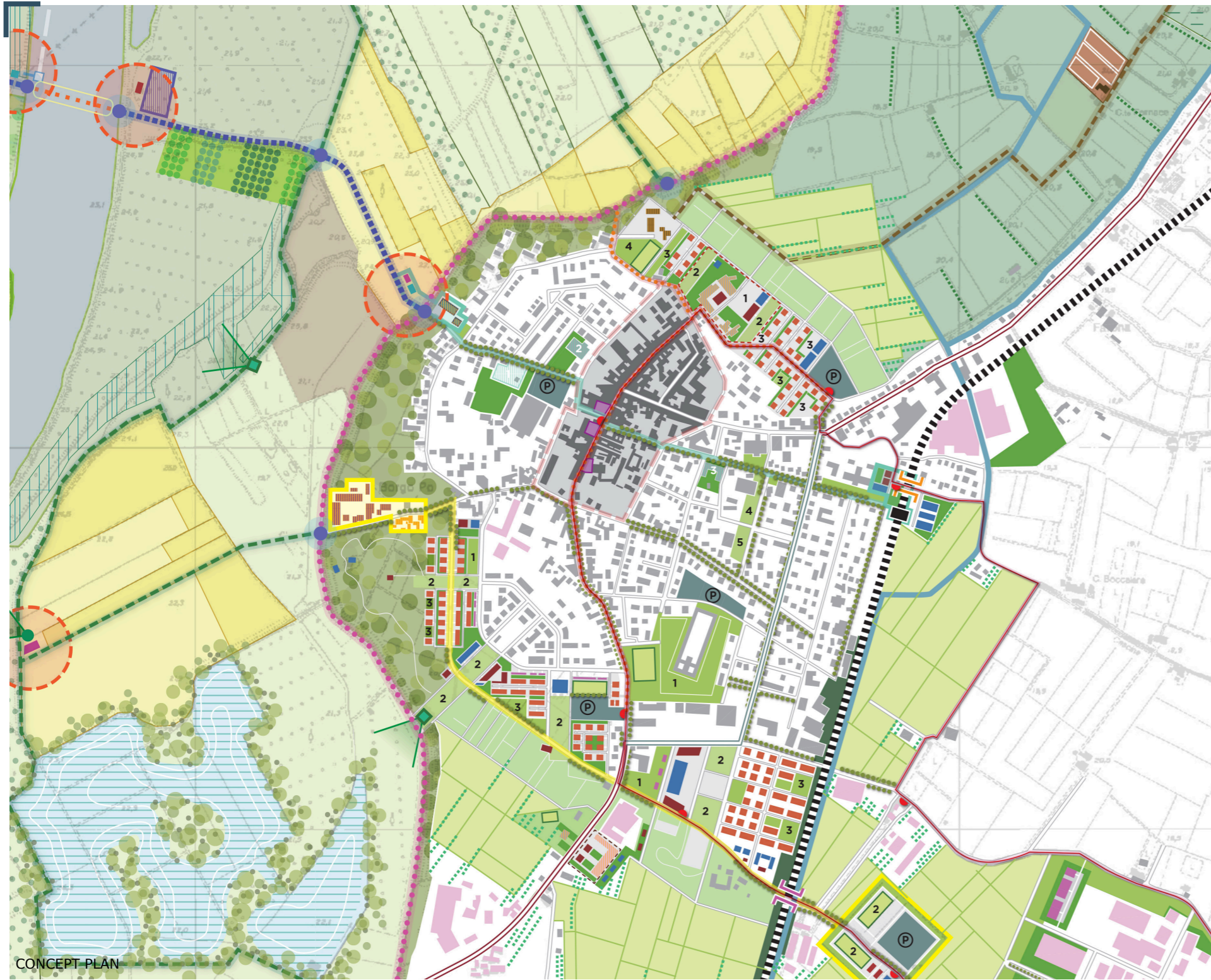


KEYPLAN



SCHEME

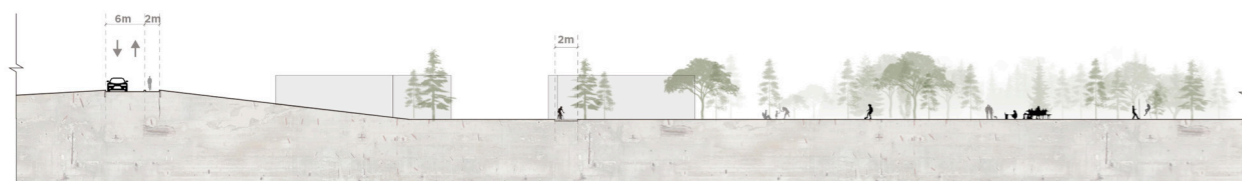




## URBAN SETTLEMENT

- New industrial buildings.
- The improvement and reutilization of neglected and abandoned areas and buildings into communal spaces such as parking, commercial and service nodes, or rehabilitated green areas to improve and diversify the industrial areas.
- Developing, shaping and improving the structure of the city, both inside and outside the existing urban limits.**
- Residential
- Buildings of service
- Buildings of commerce
- Urban parks and gardens to strengthen the local community and diversify the city and its urban edge and improve the cities microclimate. **\*11.6 & 11.7 Goal**
- 1 Gardens
- 2 Public urban multi purpose space
- 3 Community vegetable gardens
- 4 Dog Park
- 5 Kids playgrounds
- Sport spaces
- Green areas creating a green belt around the cities made of spaces as plant nurseries, flowery meadows, bicycle training tracks, children thematic parks, water parks, green meadows and scattered small forests.
- Private green areas belonging to the property they are on.
- Light reforestation areas acting as buffer zones along the train track.
- Tree lines around redesigned agricultural grounds acting as delimitation and visual buffer to scattered constructions.
- Tree lines through the urban settlements, connecting the entrances to the city and the areas of importance.
- Preservation of historical city center. **\*Goal 11.4**
- Limited traffic zone for sustainable development of the city.
- Elimination of parking spaces in the major urban public spaces for the creation of high quality communal spaces.
- P Parking areas along main entrances of the cities.
- Bus route to create a public transportation connection between the city and the industrial areas. **\*11.2 Goal**
- Bus stops
- Multi purpose market spaces, including covered and open spaces, adjustable to seasonal uses (Christmas markets, farmers markets, fairs, etc.).

CONCEPT PLAN



section 1-1



section 3-3



section 2-2



section 4-4





- PUBLIC ACTIVITIES AXIS:**
- Plazza
  - Retail
  - Electromechanical equipment storage
  - Multifunctional outdoor space
  - Grass lawn

- SERVICE:**
- Flower shop
  - Souvenir shop
  - Rest rooms for parent-child outdoor activities
  - Storage

- SERVICE:**
- Shop
  - Toilet
  - Sporting goods rental

- SPORT CENTER:**
- Sporting goods rental
  - GYM
  - Teenager athletics training base
  - Swimming pool
  - Physiotherapy center

- CULTURE CENTER:**
- Library
  - Media center
  - Supermarket
  - Auditorium
  - Piazza
  - Restaurant
  - Cafe

- REST AREA:**
- Home stay
  - Hotel
  - Tourist bus stop
  - Restaurant
  - Bar

- RESEARCH CENTER:**
- Data center of citizen science
  - Agricultural products display
  - Agriculture products online business office

- FURNITURE FACTORY(BERNI GROUP):**
- Furniture factory
  - Furniture display
  - Timber processing
  - Storage

- MULTIFUNCTIONAL BUILDING COMPLEX:**
- Furniture factory
  - Handcraft workshop
  - Exhibition hall
  - Equipment leasing
  - Handmade furniture selling

- SERVICES:**
- Deserted wood recycling
  - Timber furniture online business center
  - Environmental protection education center
  - Cafe
  - Storage



Aerial View



MASTERPLAN

