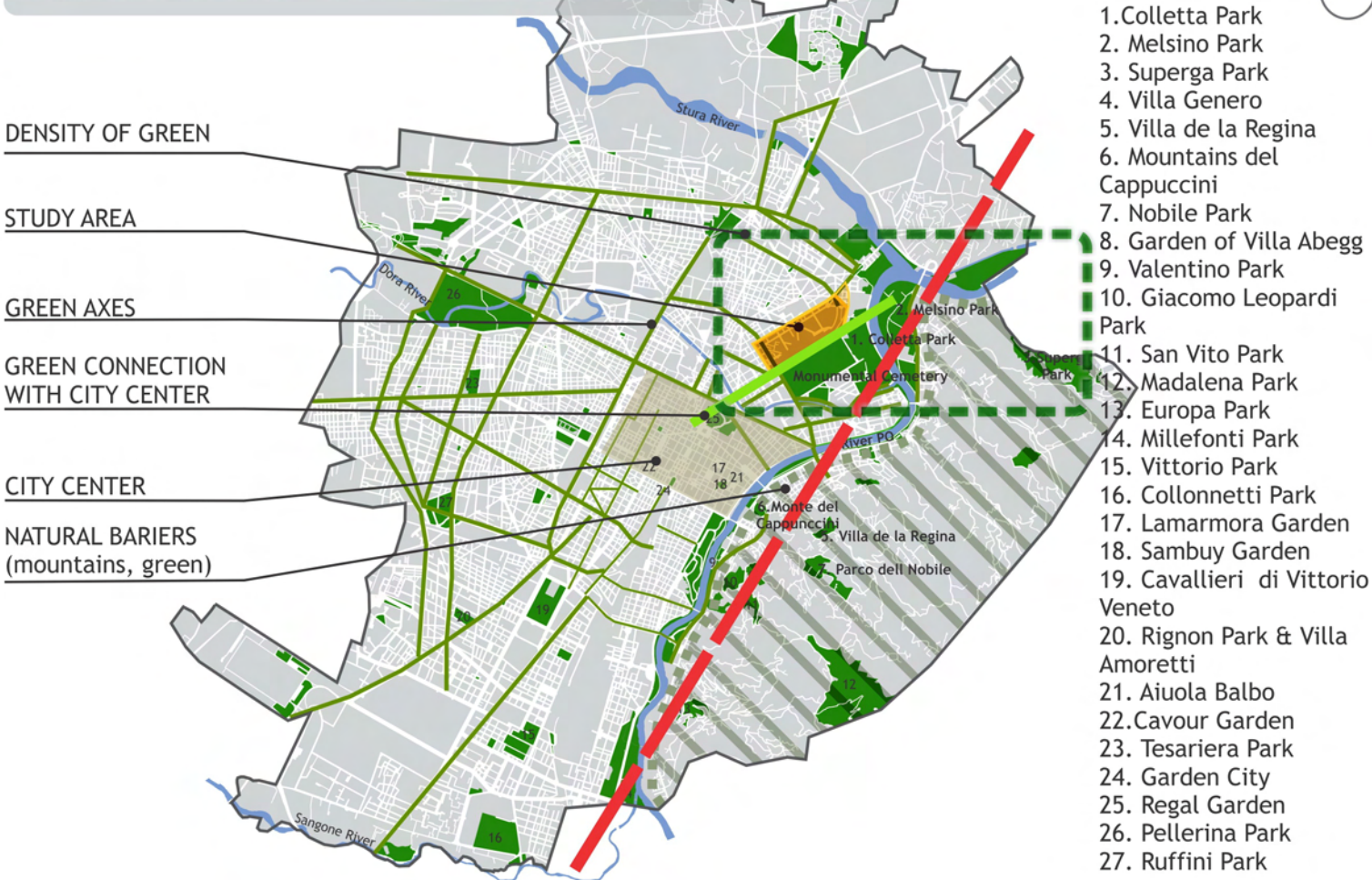


URBAN PROJECT FOR THE AREA "EX-SCALO VANCHIGLIA" IN TORINO, ITALY.

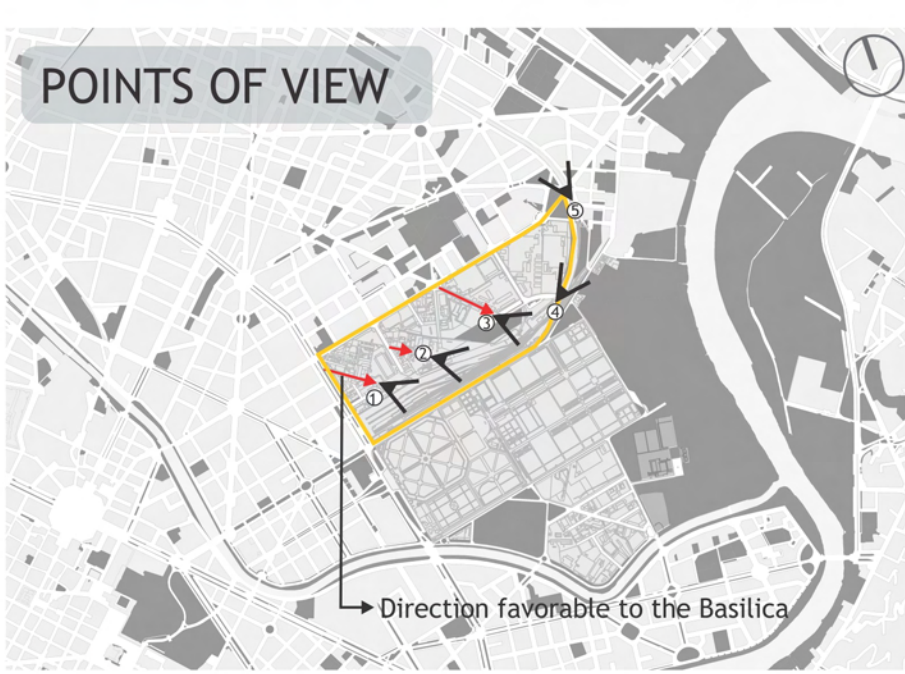
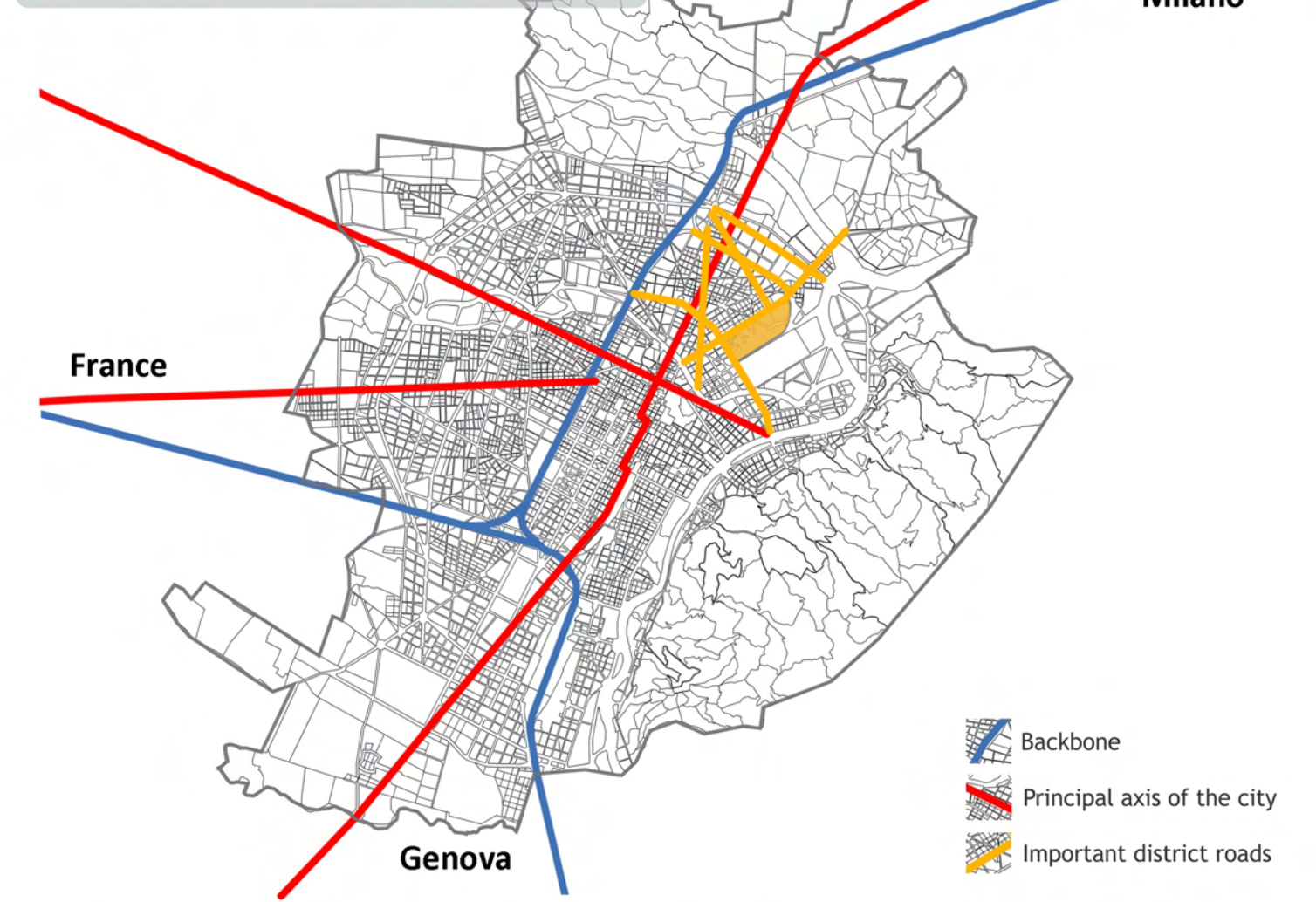
ANALYSIS OF EXISTING SITUATION



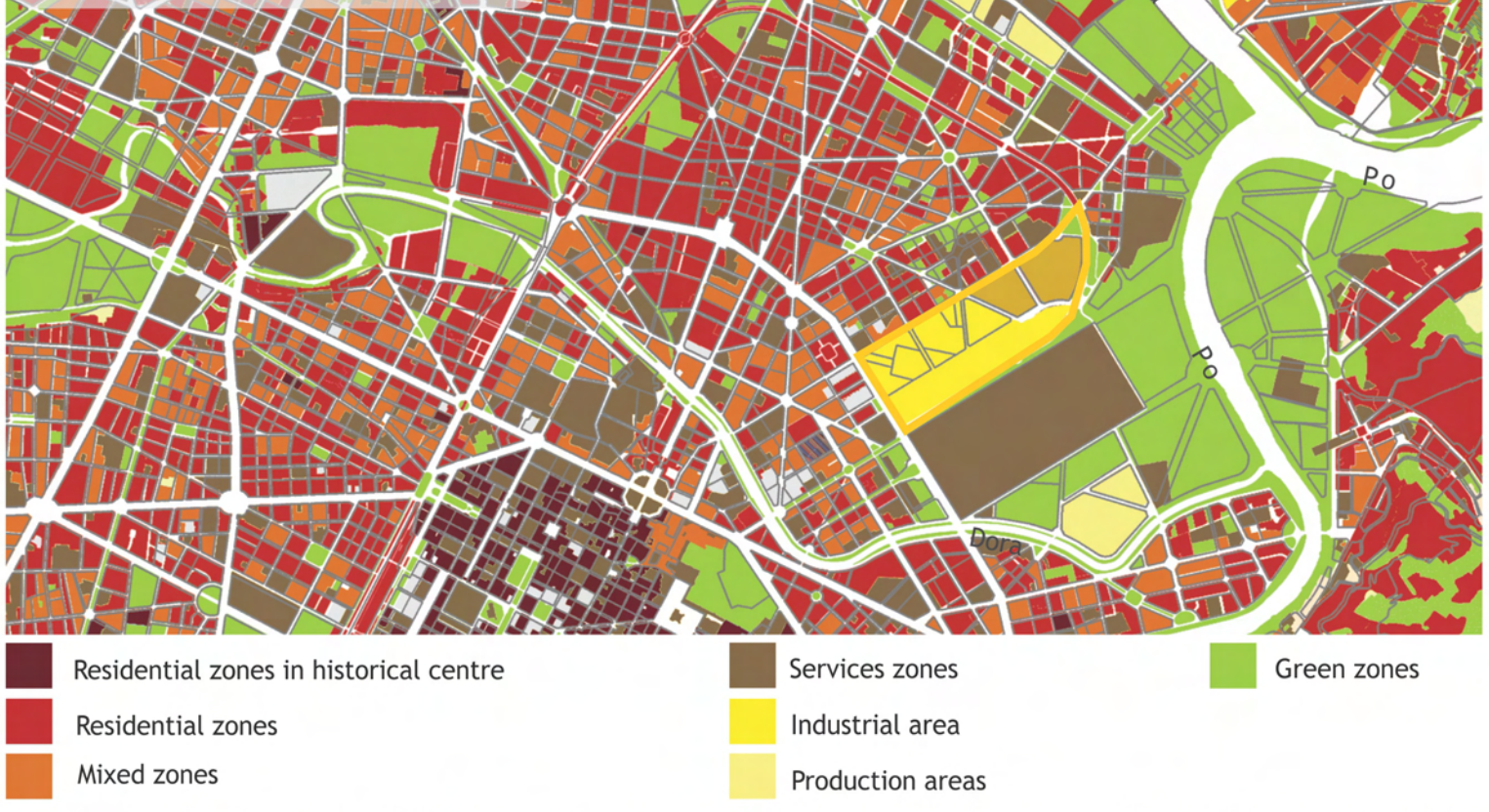
GREEN SYSTEM TORINO - Existent



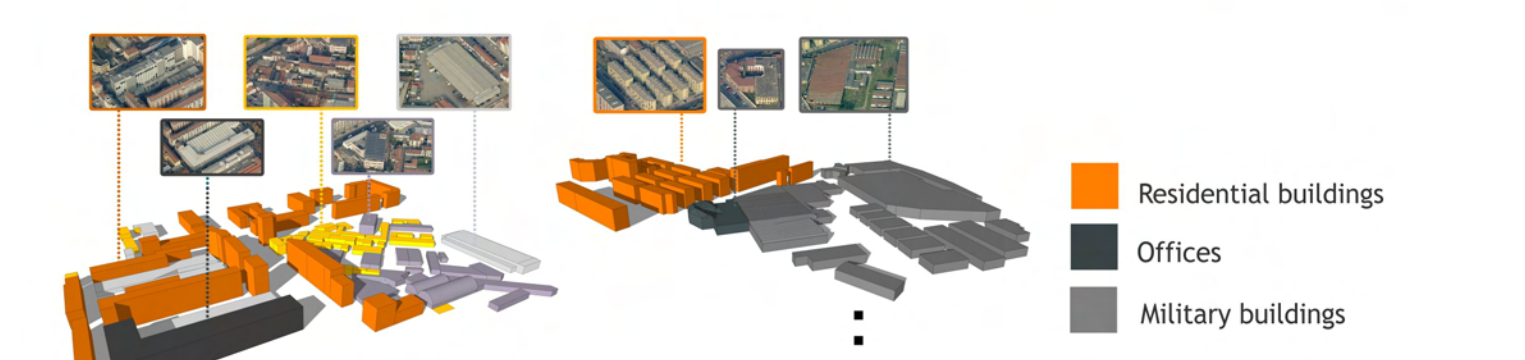
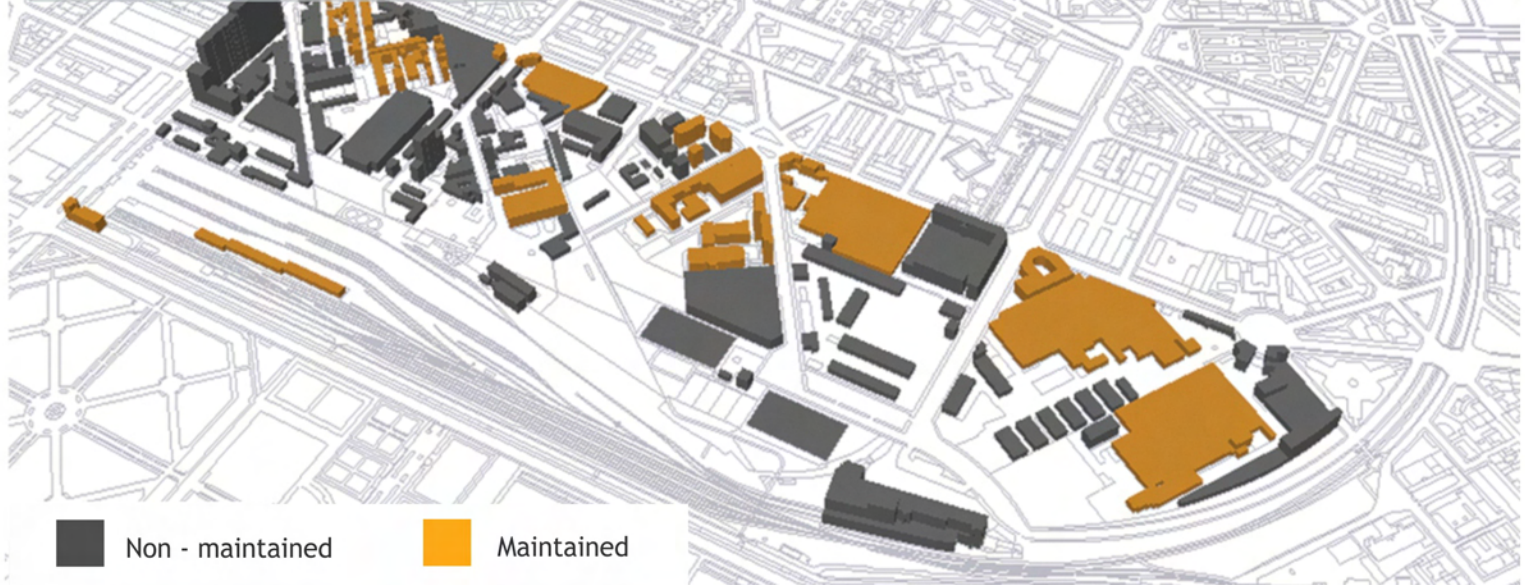
AXIS AND DIRECTIONS IN TORINO



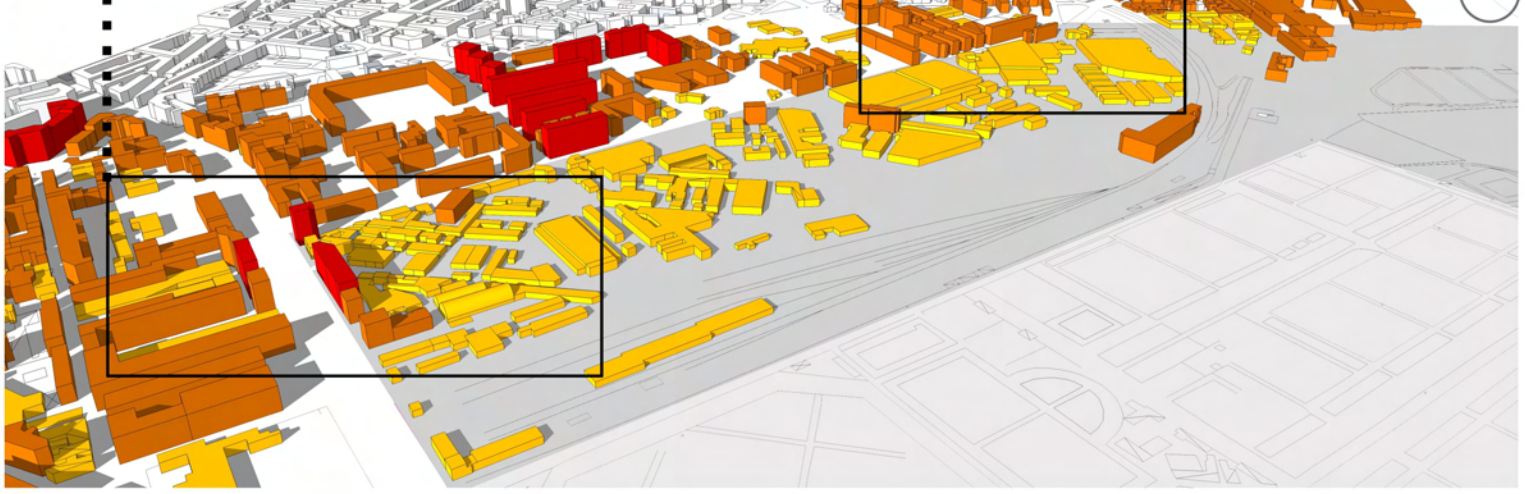
FUNCTIONAL ANALYSIS



MAINTAINED BUILDINGS



TYPES OF BUILDINGS



TERRITORIAL PATTERN



The area is interesting because of its mixed use: closer to the city, next to Porta Nuova and Via Bologna, there are residential buildings with different characters. Also monumental (used and derelict) industry buildings, military buildings, and school for arts and photographers can be found. In the north direction of the area there is a big natural park in a good condition, which has direct connection to the river. It is used only by the inhabitant of the district, lack of the connection to the city centre, mainly for relaxing and for sports, because the only structures built in the park are the sport facilities in the South part of the area.

Two important view-axis define the area, one of it is a vision to Basilica Superga, the other is the view of the Alps.

The strenghts are the environment of the area, because of its position between the mountains and the rivers and urban area.

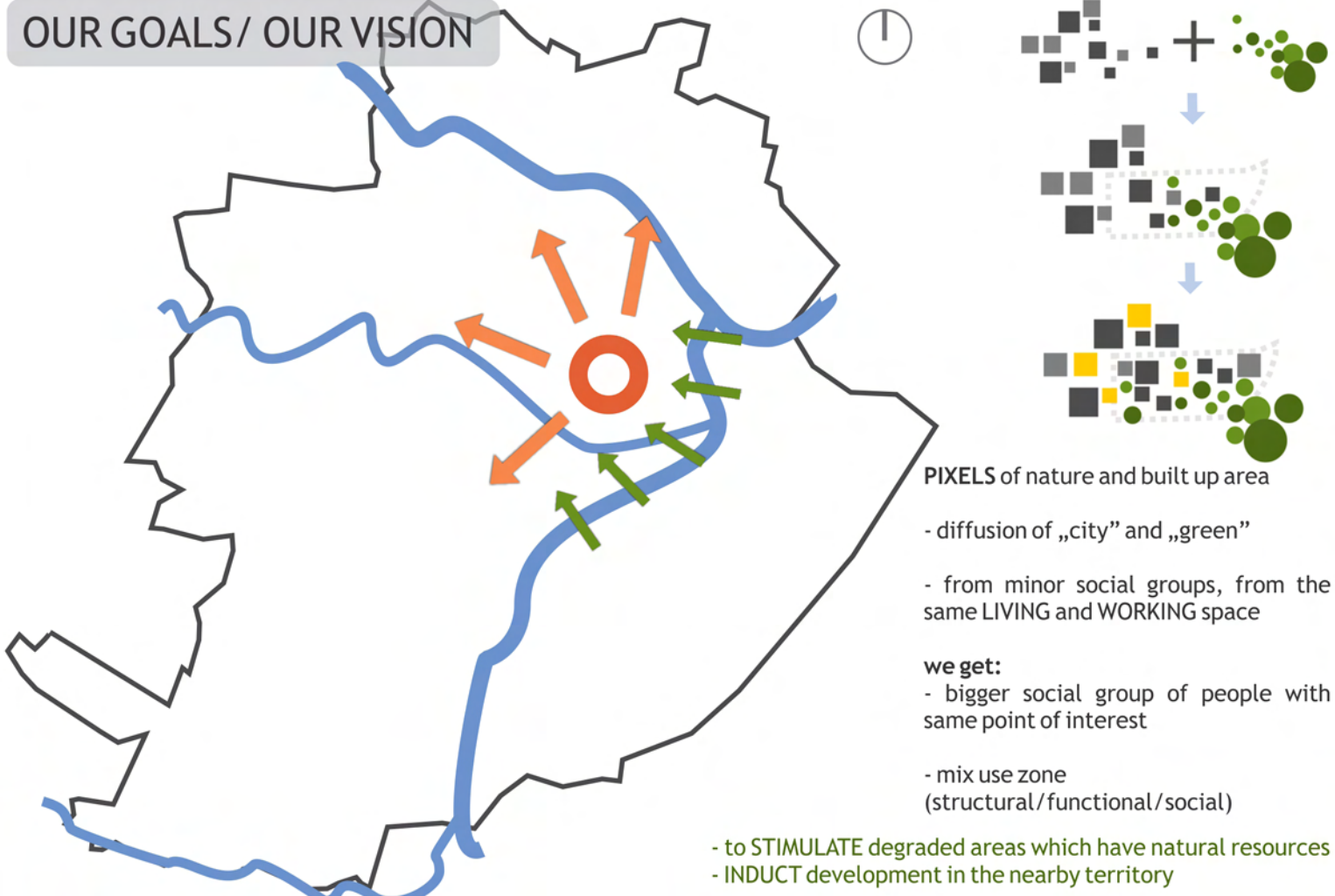
The weaknesses are the derelict industry, the bad, or missing connections to the neighbourhood. This brings the threats, that the hole area is in a low quality condition.

The opportunities are the diversity of the elements (natural, built), the location in the city: it is close to the city centre, and to the future metro line.

URBAN PROJECT FOR THE AREA "EX-SCALO VANCHIGLIA" IN TORINO, ITALY.

CONCEPT STRATEGY

OUR GOALS/ OUR VISION



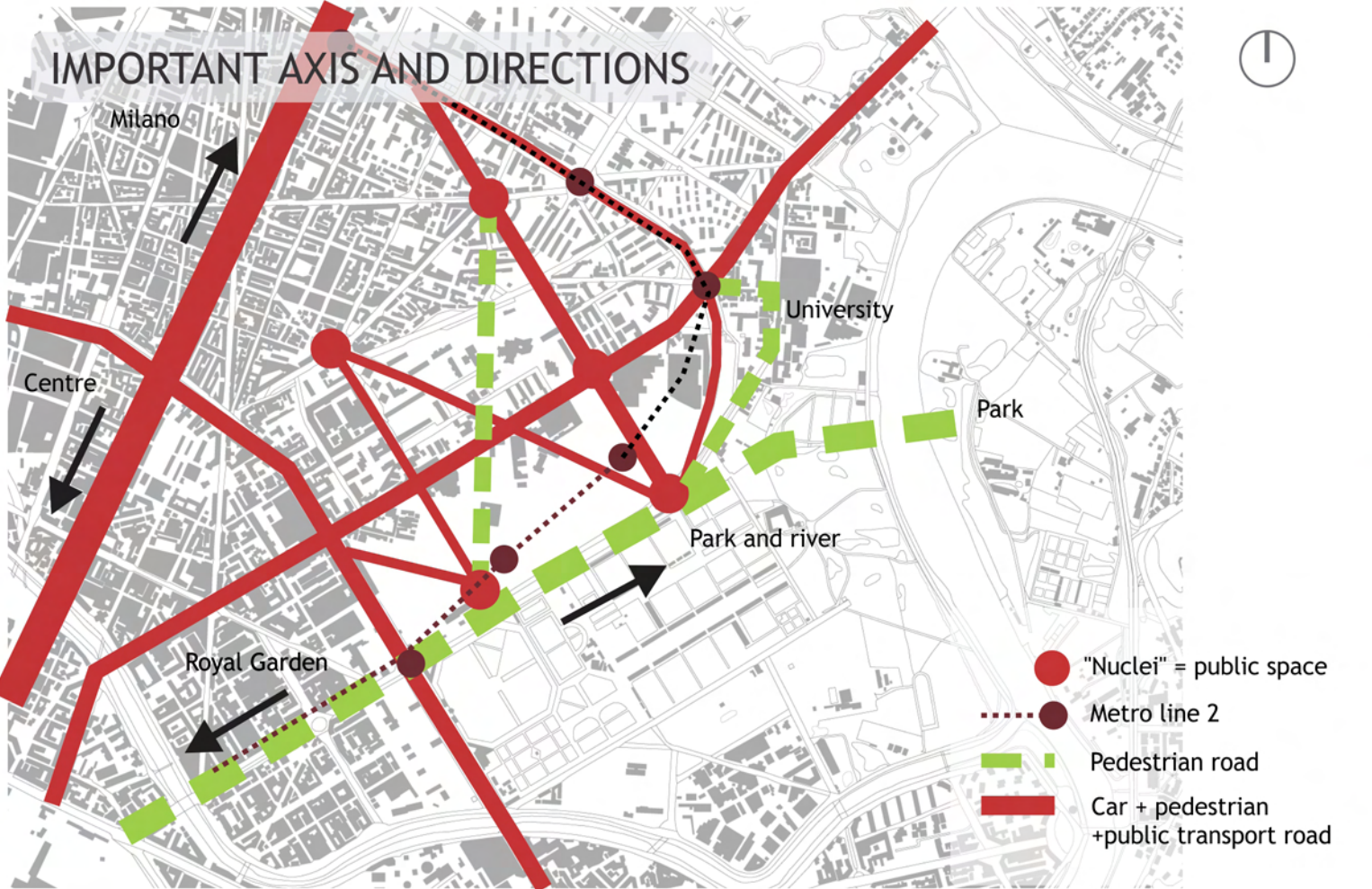
PIXELS = IDEA OF DIFFUSION



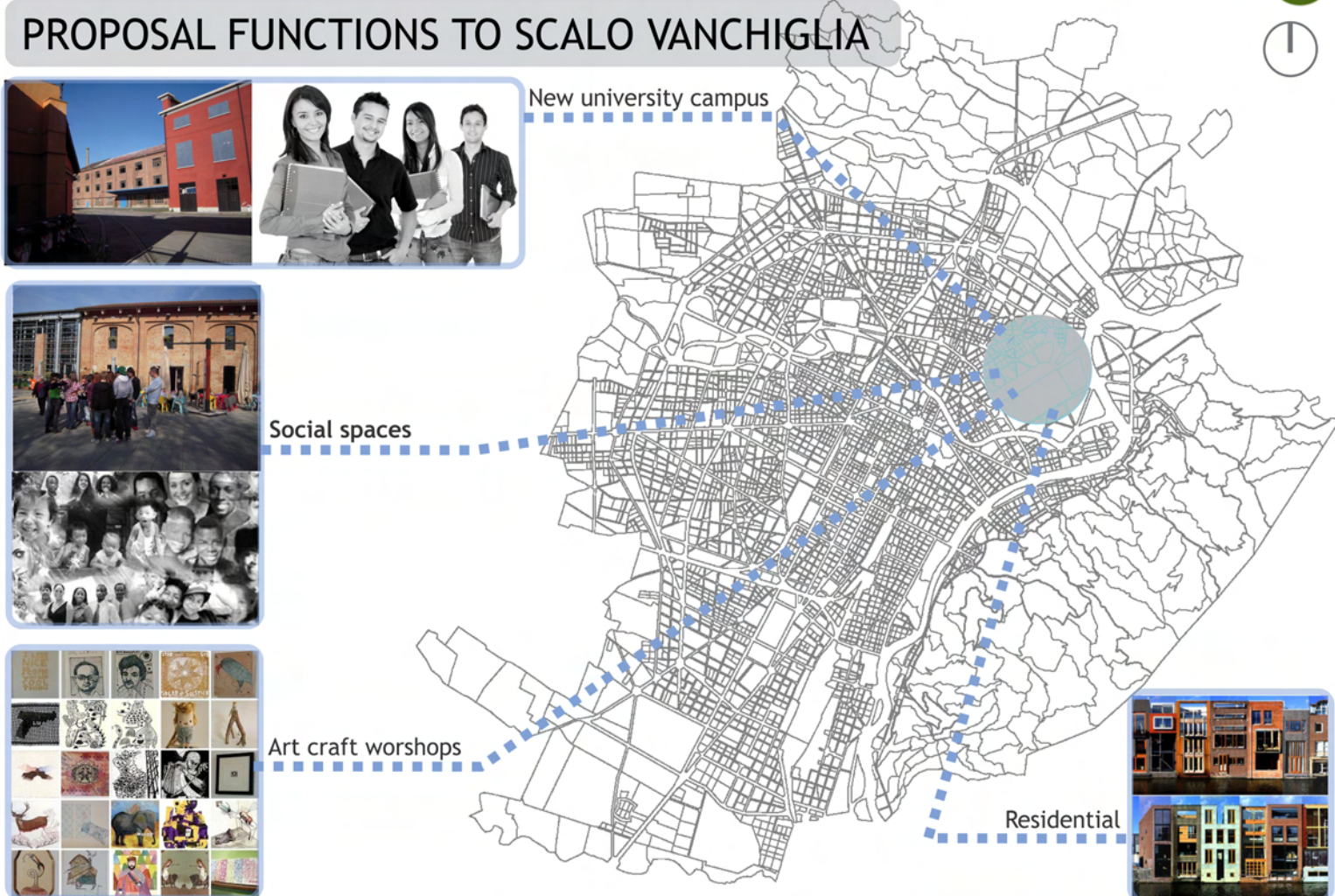
Our concept is to have a mixed-used area with mixed functions, in which the dominant element is the green, which connect the river, the nature, with the urban elements.

We have important and existing axis, which are stopped by buildings. Our plan is to open these axis to make them permeable, to integrate them more into the city.

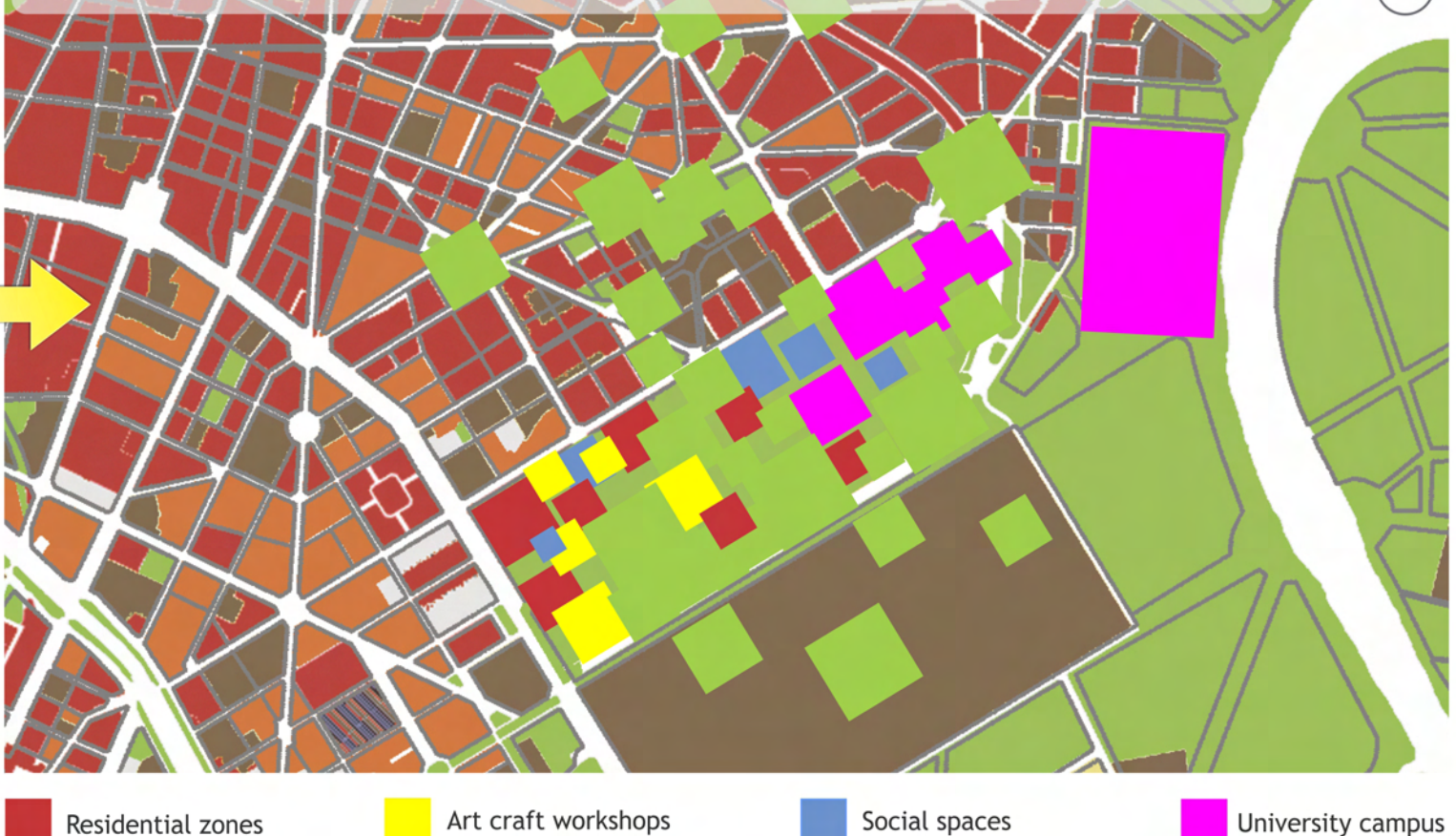
We have a conception of the remaining buildings. Five formal industry buildings will be used in the plan as social buildings, art-crafts, and university campus.



PROPOSAL FUNCTIONS TO SCALO VANCHIGLIA



APPROXIMATE LOCATION OF THE FUNCTIONS AND DIFFUSION



STRATEGY

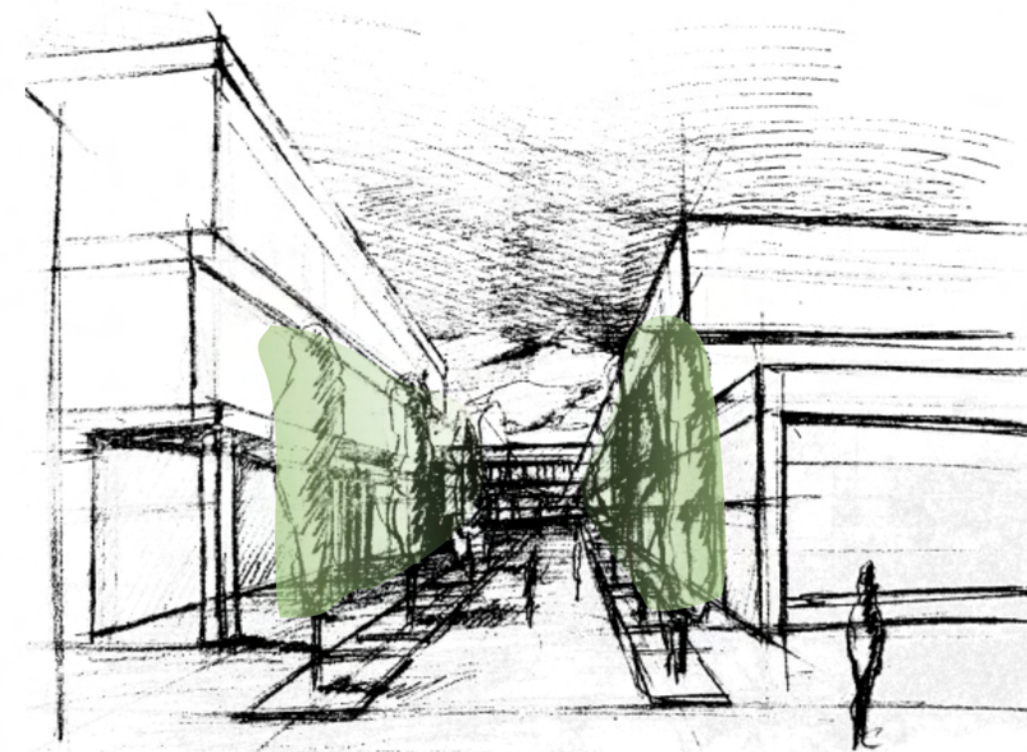
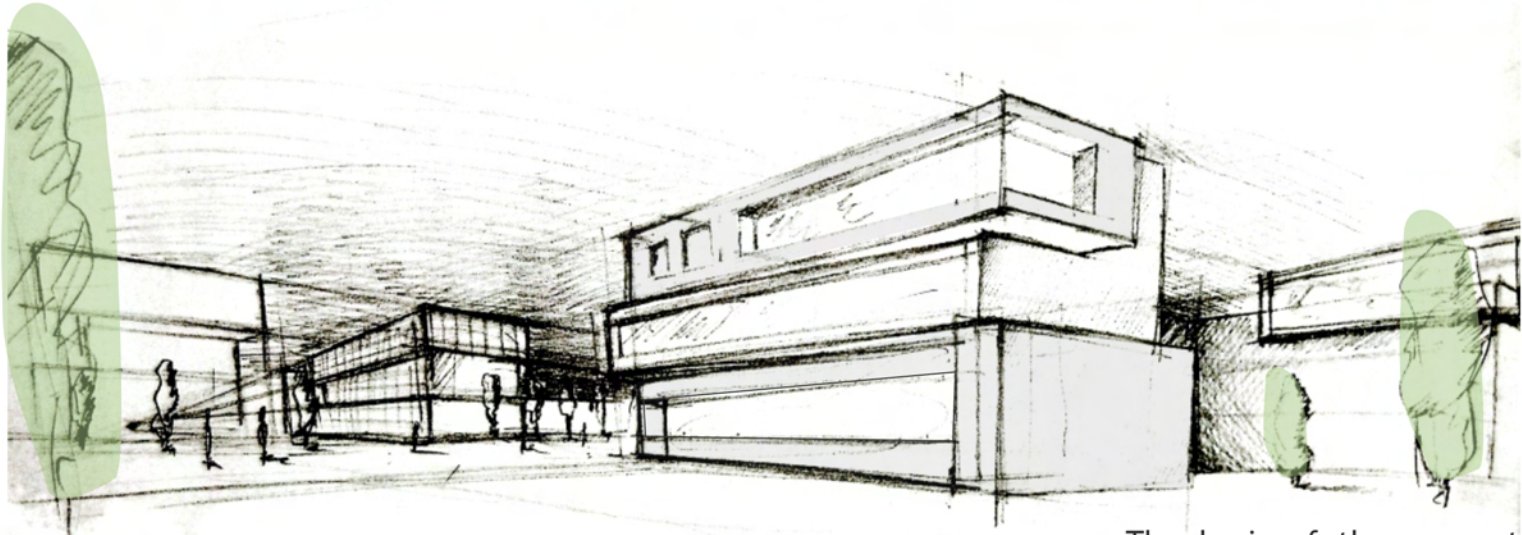
GOALS	PROGRAMMES	PROJECTS	stage 1	stage 2	stage 3
REHABILITATED URBAN STRUCTURES	Upgrading the infrastructure	Improving the existing streets and sidewalks and adding new ones			
	Restoring and rehabilitating buildings - industrial, private residences	Making the metro line 2 - the 3 stations			
	Reversing the deterioration of specific urban zones and preserving the valuable and unique elements	Completing and connecting the public transport routes			
	Enhancing the access to community-based services	Evaluating and prioritizing the interventions on existing buildings			
RESTRUCTURED AND DIVERSIFIED ACTIVITIES	Promoting mixed use areas - services, commercial activities, residential (private, social)	Rehabilitating existing, used buildings (new materials and colours, new technologies)			
	Gaining from higher-educational education establishments and connected services	Evaluating and integrating the specific and valuable elements (built - architectural, ambient, green - tall trees)			
	Designing new urban/green spaces	Inserting public services, for the inhabitants of the area			
	Making an user-friendly and comfortable public environment	Making mixed use areas - services and commercial activities at the ground floor, residential or offices at the next floors			
IMPROVED ENVIRONMENT AND QUALITY OF LIFE	Marketing new technologies and materials	Constructing a balanced residential area - mixed types of housing (private (medium and high standard), social housing)			
	Encouraging the participation and involvement of the people	Building a Campus for the University at Manifattura Tabacchi			
	Insuring the safety of the users	Designing the new park and green links (landscape design and eco-friendly technologies)			
		Shaping the urban spaces - "plaza"			
24h USED AREA		Adding modern and comfortable urban furniture in the public spaces			
		Promoting new materials and colours, technologies and alternative energy use			
		Having meetings and consulting with the inhabitants of the area			
		Organizing public events and activities			
		Inserting an advanced urban lighting system			
		Contracting a security company for the area			

Stage 1 - the Campus (+residential and services) has as main actions the building of the **Campus for the University at Manifattura Tabacchi**, adding new streets and the metro stations, evaluating the existing buildings and rehabilitating the ones to be kept; also having meetings and consulting with the inhabitants to find out their needs and interests and organizing public events and activities.

Stage 2 - Public spaces (+residential and services) it's focused on the landscape design of the new park and the links between the public spaces; also **mixed use areas** are taking shape on this stage and the security and participation of the people is increased by meetings and events (exhibitions, contests, shows-concerts).

Stage 3 - Housing (social and private+services) tries to balance the existing functions with **mixed types of housing - private (medium or high standard), social**; also makes public spaces more user-friendly and safe.

Subway



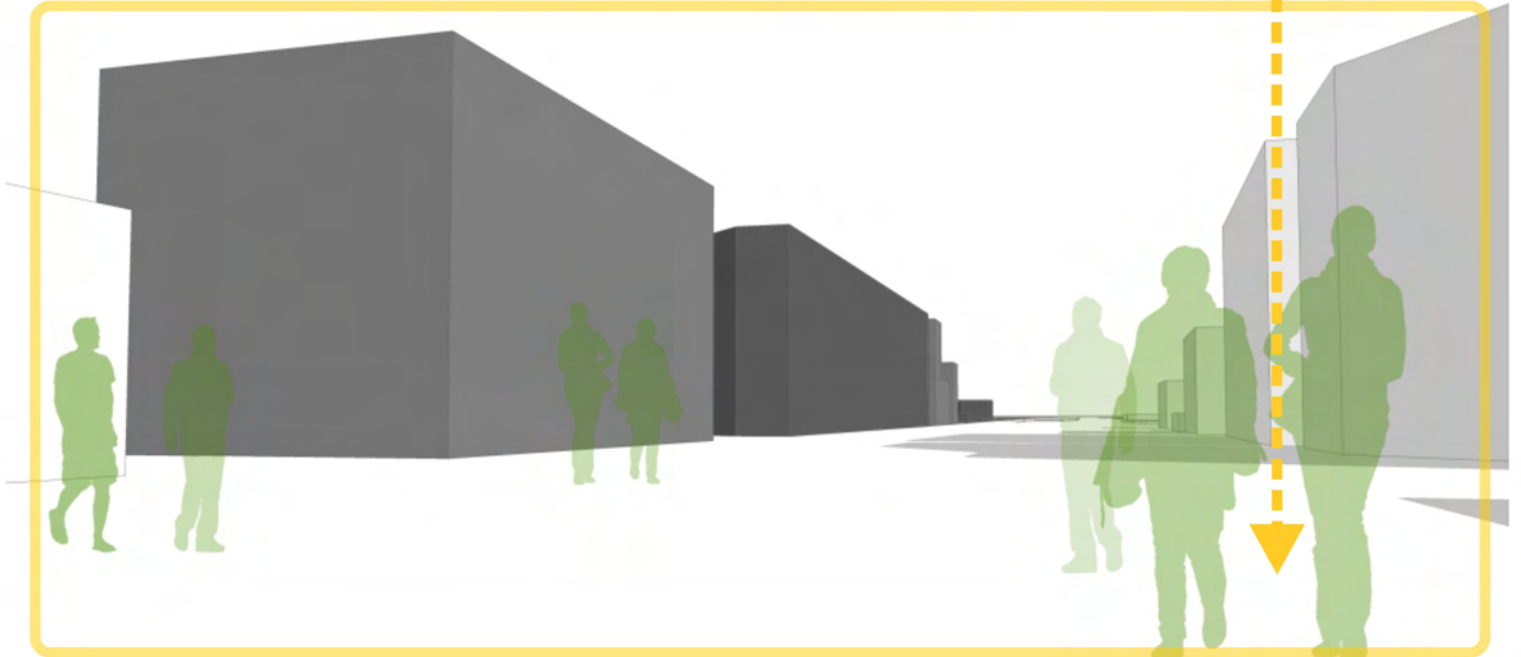
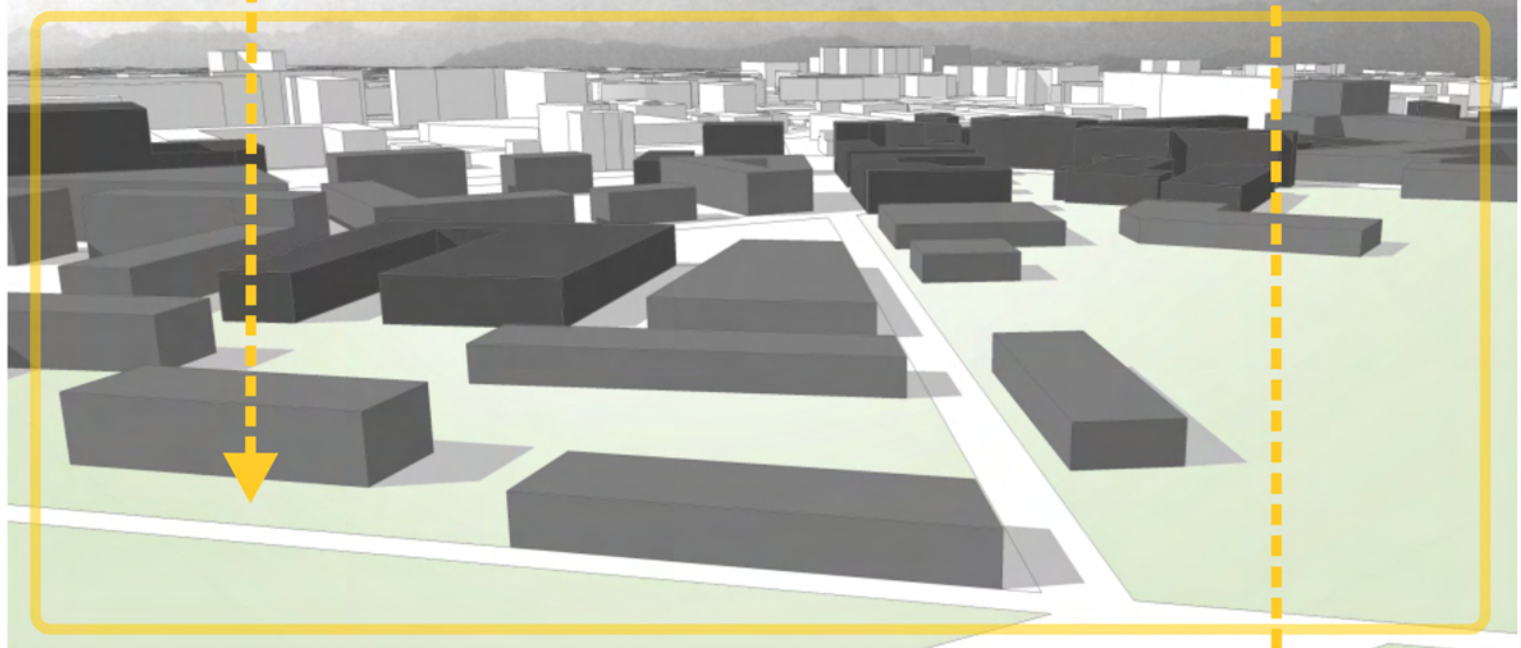
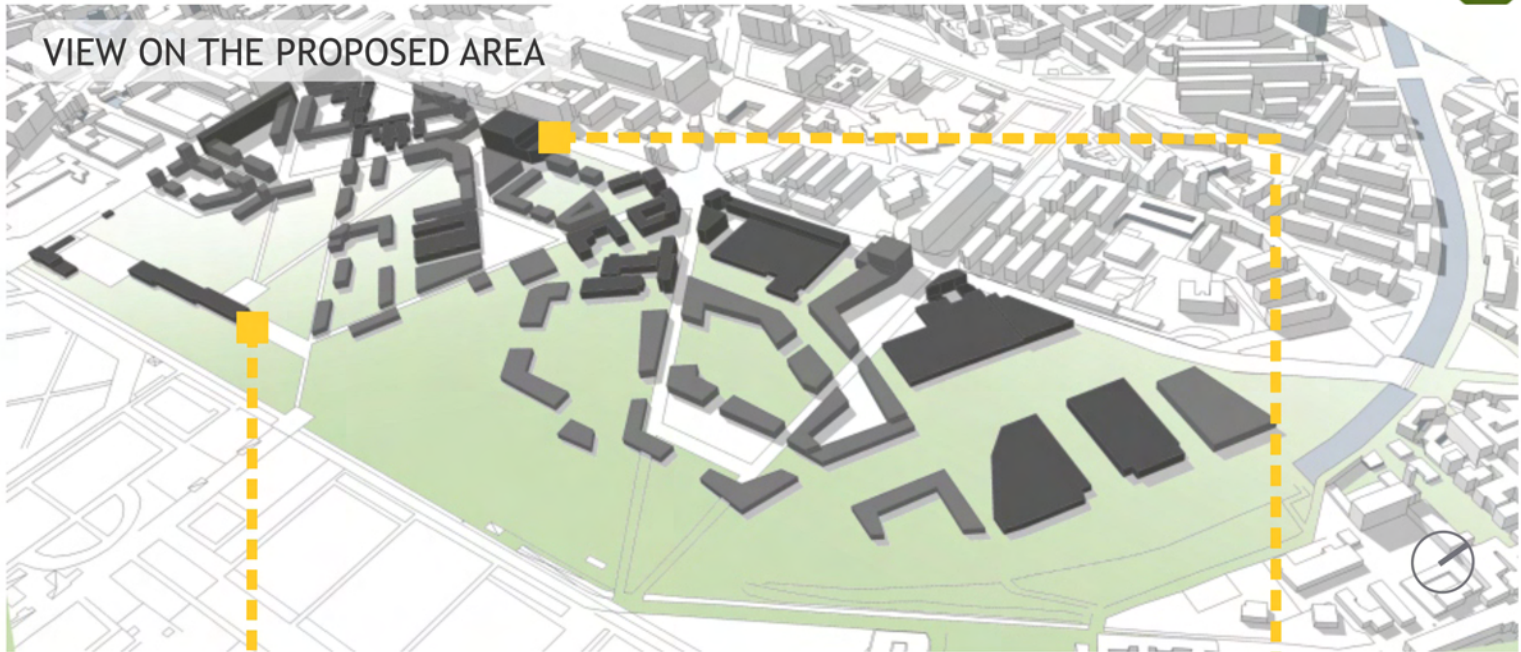
The basis of the concept was the idea of pixels, how to manage with different types of morphology to have an union of the territory. First of all we integrate the green with the city by different ways.

Two important view-axis define the area, one of it is a vision to Basilica Superga, the other is the view of the Alps.

We propose a mixed-used territory in functional, structural, and social aspects. Mixing settlements, green, water and industry pixels.

On the north part of the area, near to the university campus the buildings start to have dynamic shapes in order to show the development of the area, and diversity.

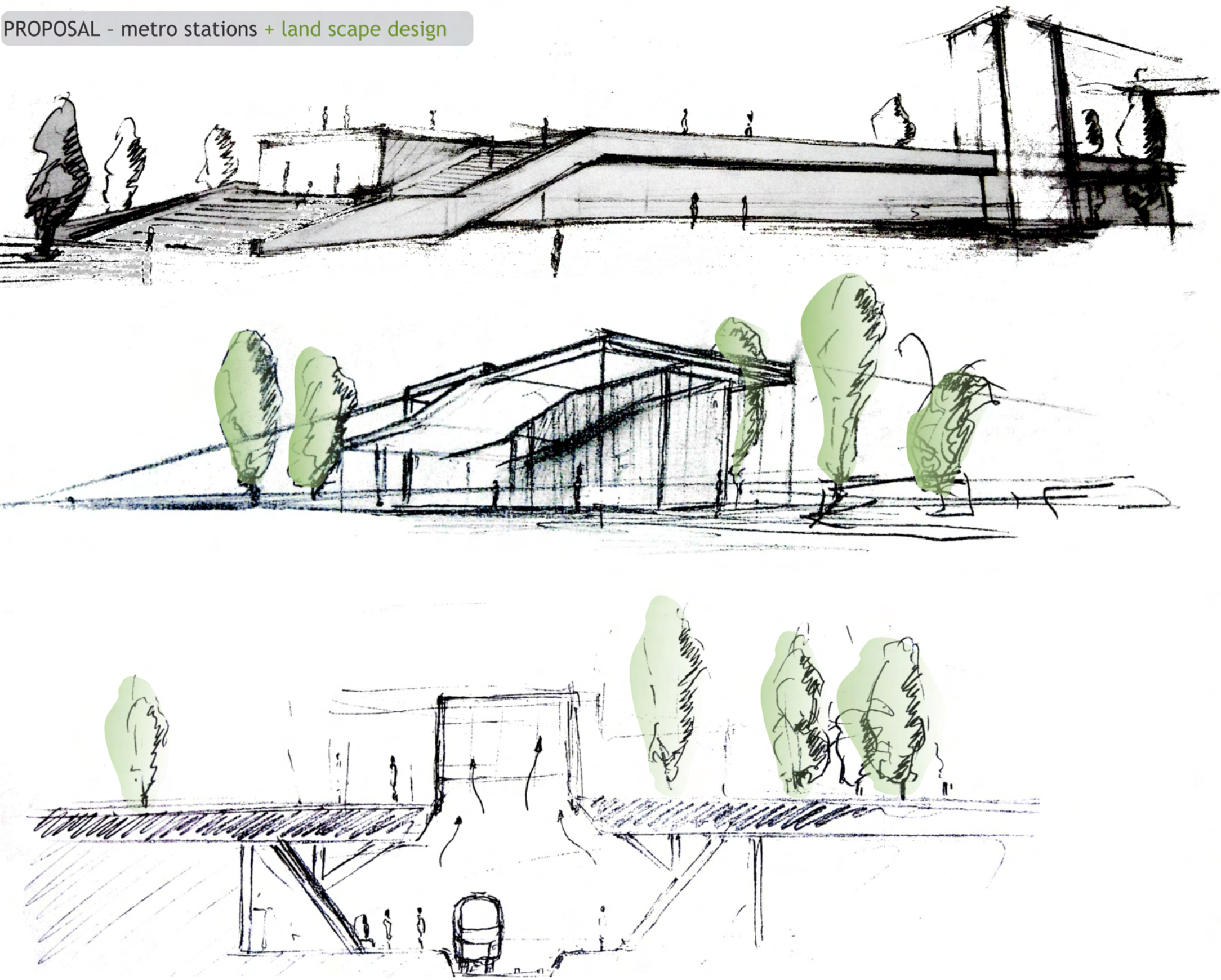
We propose a lower density area with as many green spaces as possible.



URBAN PROJECT FOR THE AREA "EX-SCALO VANCHIGLIA" IN TORINO, ITALY.

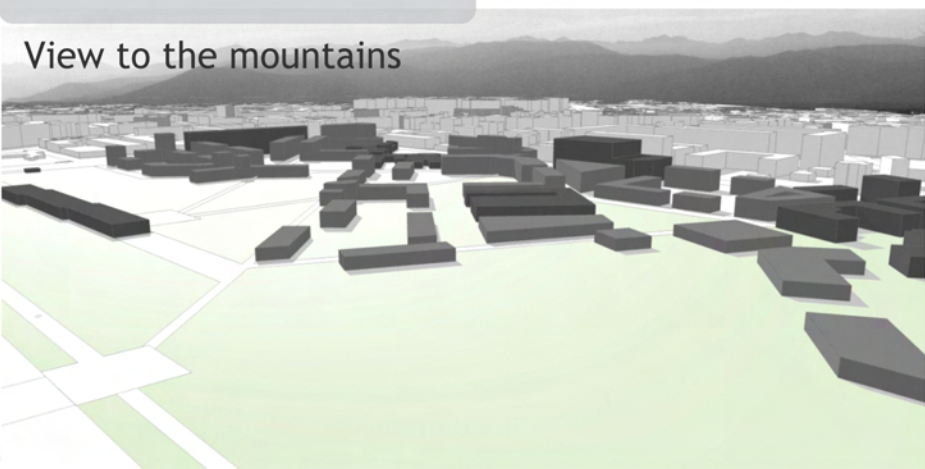
FREE TOPIC

PROPOSAL - metro stations + land scape design



FUTURE PERSPECTIVES

View to the mountains



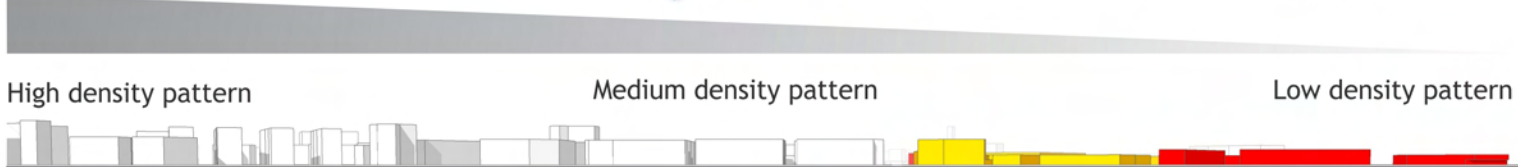
View to Basilica Superga



Location of the metro stations

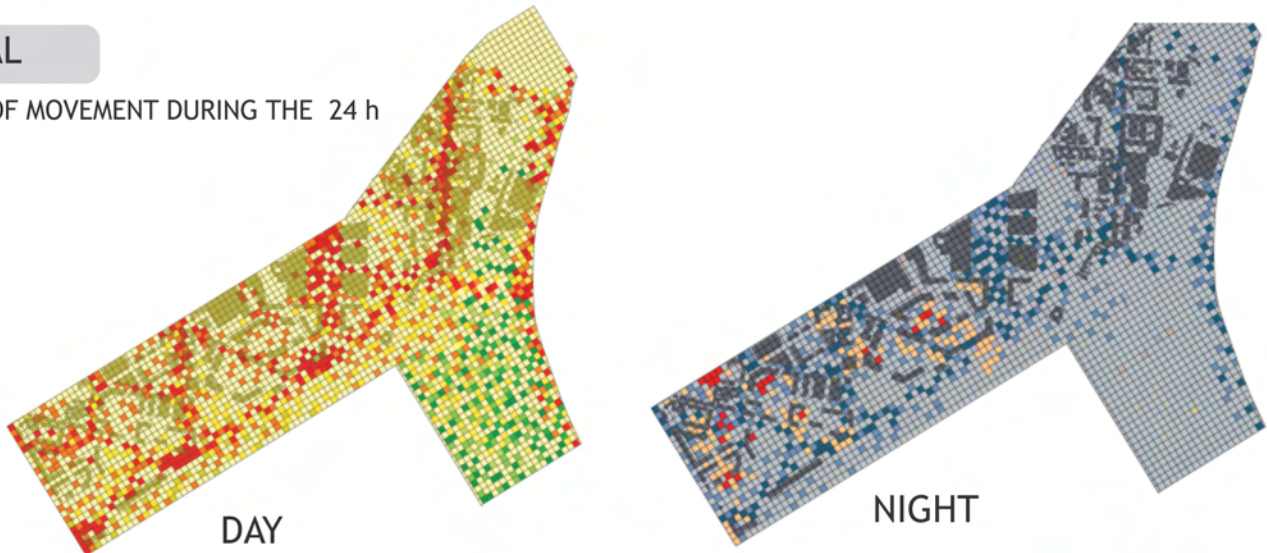


DENSITY AND ELEVATION



PROPOSAL

- INTENSITY OF MOVEMENT DURING THE 24 h



PROPOSAL - sustainability



A new metro station was located in the proposed green belt, near the campus university. At the roof top it is vantage (observation) point from which you can see the structure of the cemetery and view to basilica of Superga.

In the opposite direction, stretches a beautiful view of the Alps. The glass tower is a integral part of the metro station, and serves as local point reference. Sketch shows a view in the direction of the space between buildings on campus. In parallel to the facades of buildings was designed belt of trees protecting pedestrians from the sun.

CALCULATION OF THE FUTURE FUNCTIONS AND ZONING

Function	Zoning	Builded area-ground level	Builded area-total
1. Campus	14,7% 99 171,96 m ²	40% of zone 39 271,00 m ²	86 396,2 m ²
2. Social, administrative and commercial housing	22,7% 152 388,20 m ²	18% of zone 28 031,26 m ²	103 715,7 m ²
3. Residential housing	21,0% 141781,18 m ²	18% of zone 25 512,90 m ²	102 051,6 m ²
4. Park area	40,4% 278627,43 m ²		
5. Infrastructure	1,2% 8031,77 m ²		
TOTAL:	100% 680 000 m ²	13% of territory 92 815,16 m ²	292 163,5 m ²

- sample solutions
- shapes and dimensions of buildings (according the function)
- land scape design
- sustainable life

MORFOLOGY OF THE GREEN AREA

