

1. ANALYSES

Get to know the city
Get to know the neighborhood

Get to know the study area
Decide which specific analyses are needed

Public spaces, housing typologies
City texture, patterns and grid

Green system, alleys, boulevards
Transportation system

METHOD

THE CITY SCALE

HOUSING TYPOLOGIES

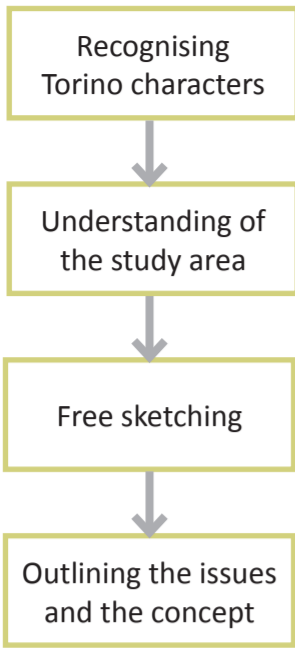
POSITIVES / NEGATIVES

IDEAS / VISIONS

GREEN SYSTEM & CONNECTIONS

FUNCTIONS

PUBLIC / PRIVATE

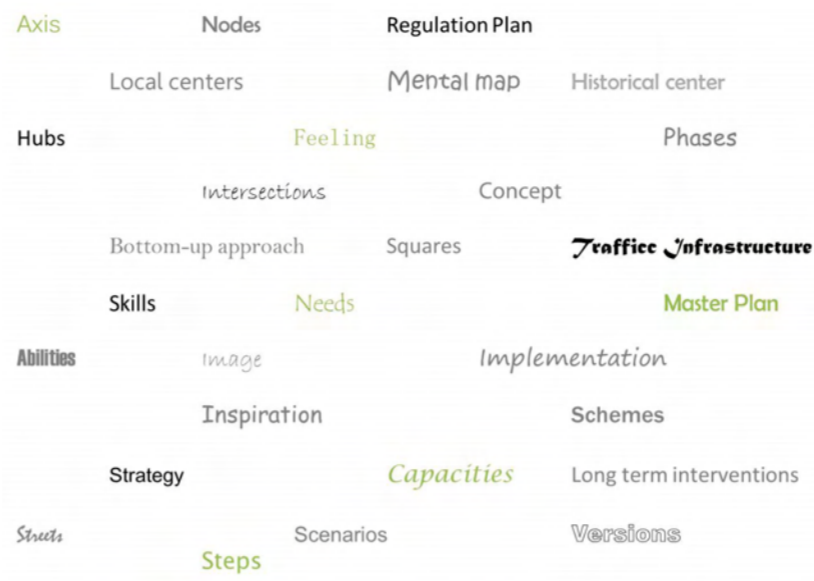


Individual views and opinions after two days in the city

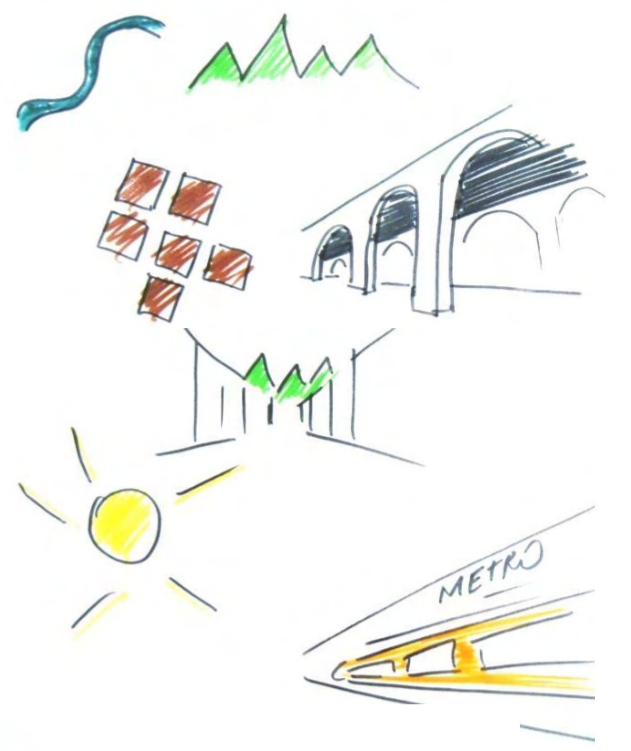
- Discussion on Scalo Vanchiglia and Barriera di Milano
- Specific analysis on different issues

Individual plans and ideas confronted openly to the others

Discussion and consensual approach about ideas and concept

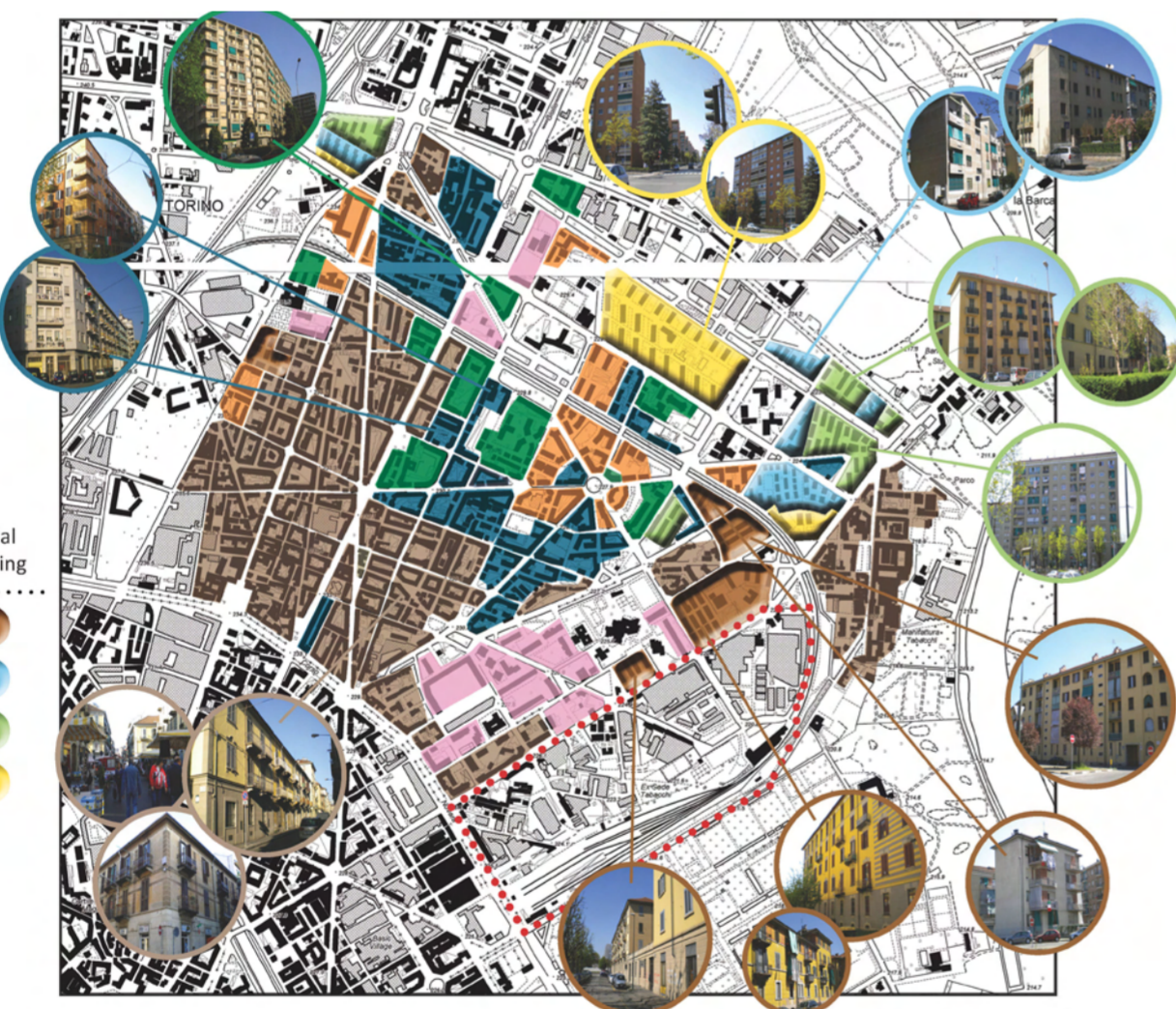
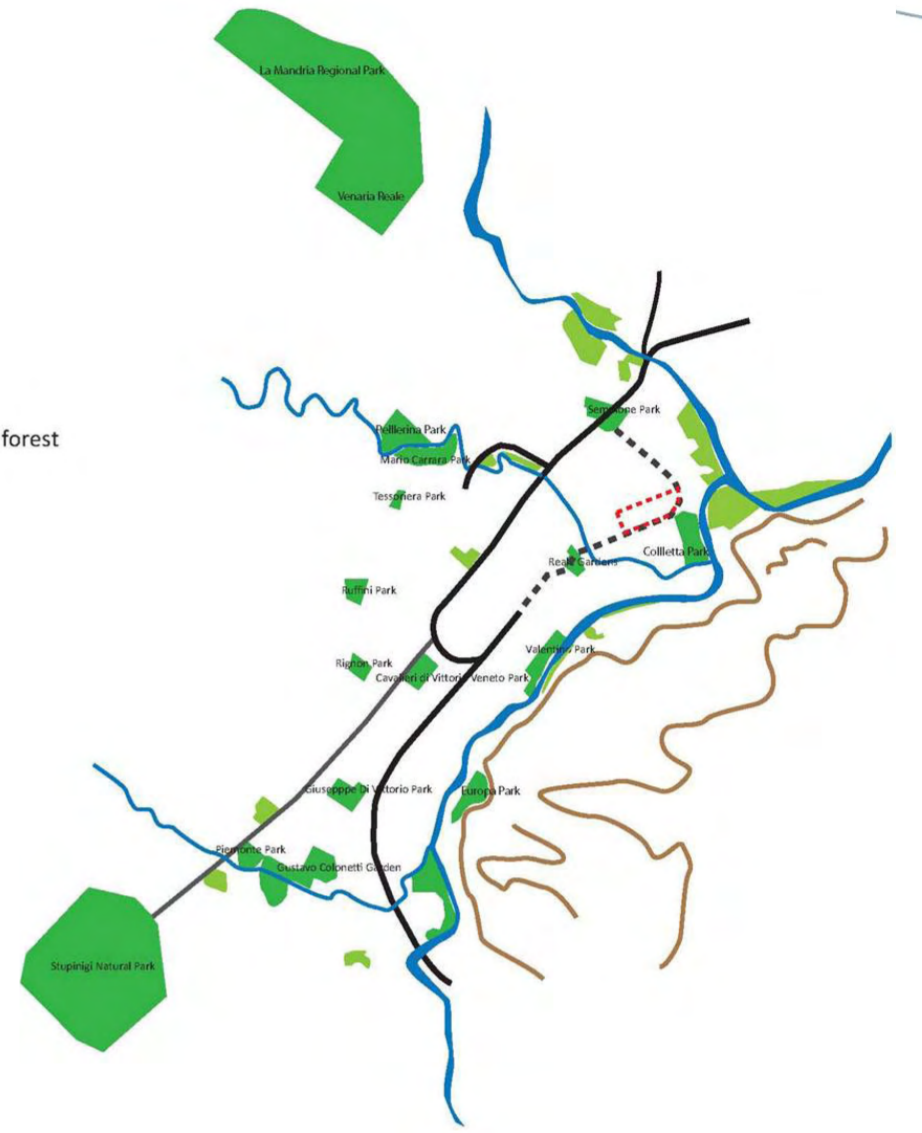


OUR FEELING OF TORINO

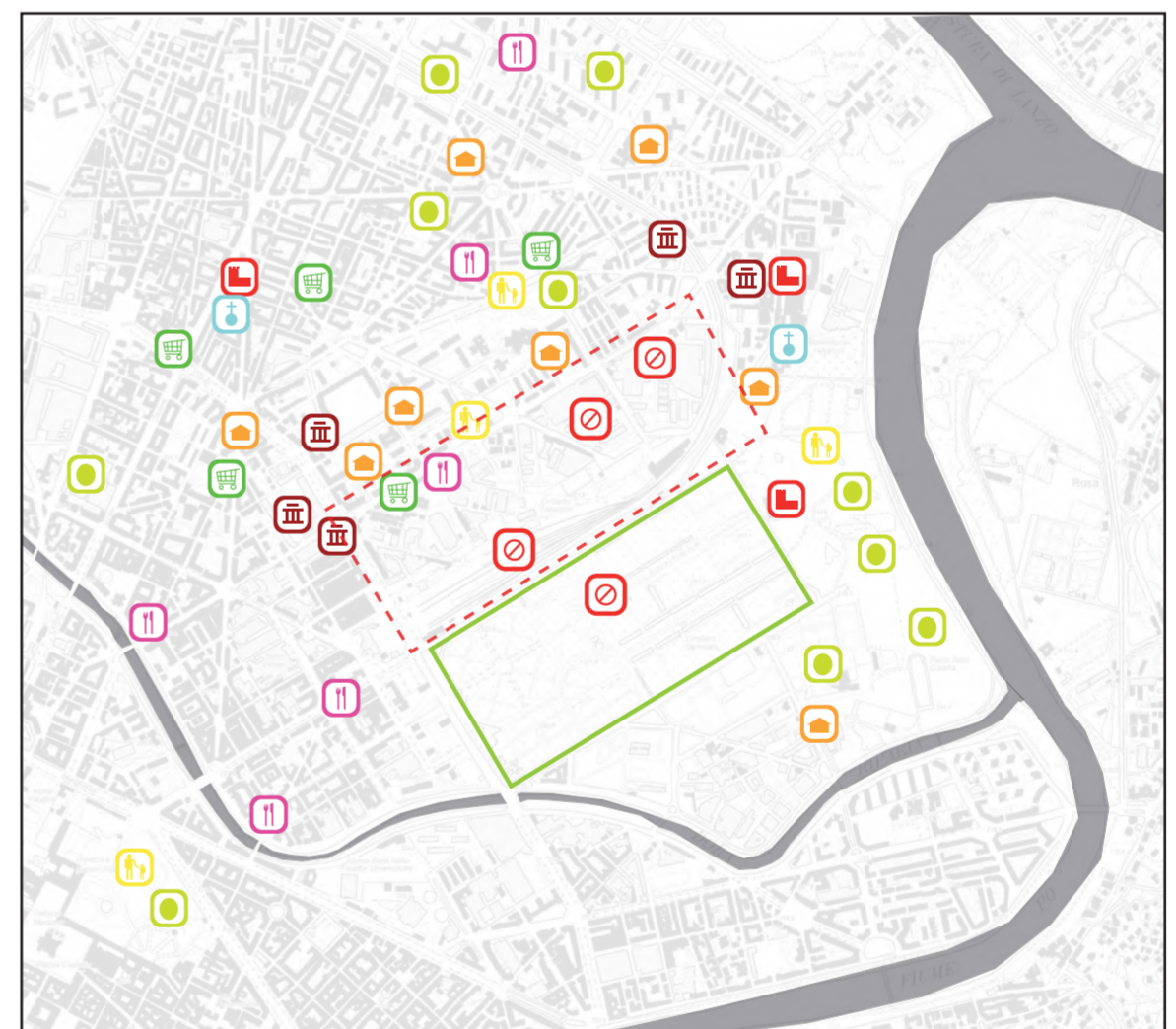


- Urban areas of the city
- Study area
- City centre
- City shrinking with Metro 2
- Major roads
- Cyclepaths
- Metro 2
- Rivers
- University / Politecnico
- Major parks/green areas

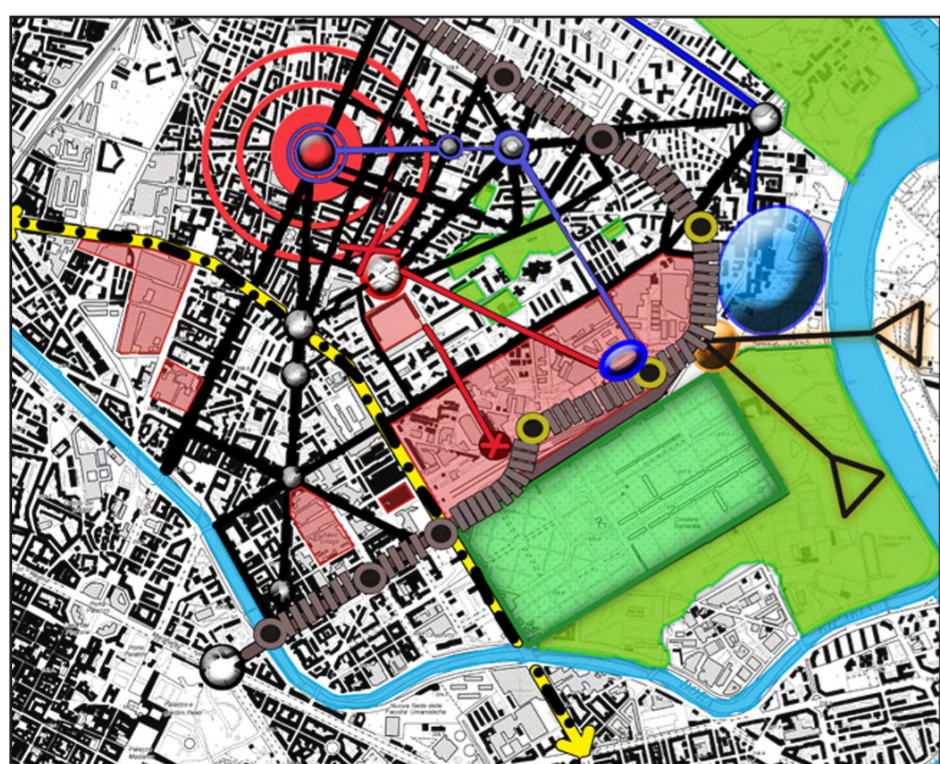
- Study area
- Parks
- Green areas
- Spina 1, 2, 3
- Spina 4
- Road to Stupinigi forest
- Rivers
- Hills



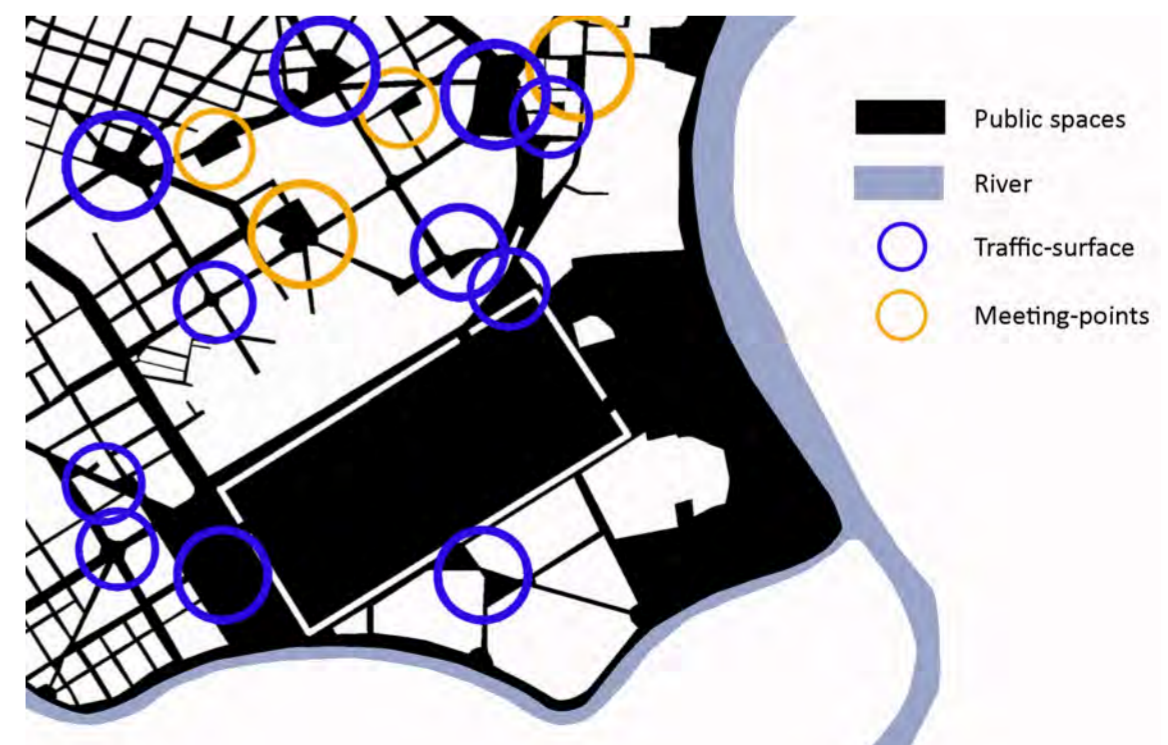
- Private Housing
- Social Housing
- before 1946
- 1947-1956
- 1957-1966
- 1967-1976
- after 1977
- Scalo Vanchiglia Study Area



- religion
- monuments, special points
- schools
- shops
- meeting points
- post
- barriers
- eating points
- municipality
- sport recreation



- NEIGHBORHOOD CENTER
- HISTORIC CENTER BOUNDARY
- PO RIVER
- GREEN AREAS
- CEMETRY
- VIEWPOINT
- METRO STATIONS ON THE AREA
- METRO STATIONS
- UNIVERSITY
- CLOSED STREET
- SQUARES
- NON-CONNUNED STREETS
- CONNECTION ACS TO THE NEIGHBORHOOD CENTER



- Public spaces
- River
- Traffic-surface
- Meeting-points

2. GROUP

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MEMBERS: JAROMIR HAINC ALINA LORENA PITULICU JOANNA DUDZINSKA TATIANA BAZZI TUGBA HABIBOGLU ZSUZSANNA STRANIGG

UPWARD Urban Project Workshop and Responsible Design ERASMUS INTENSIVE PROGRAMME 2011

COORDINATOR: POLITECNICO DI TORINO



2. CONCEPT

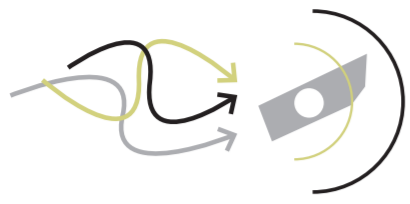
Free sketching
Ideas, visions, characters

Connections
Livability, community

Integration on different aspects
Which tools should work better

Sense of spaces
Concept of the "Orchard" free topic

TO INTEGRATE THE AREA
THROUGHOUT CONNECTIONS

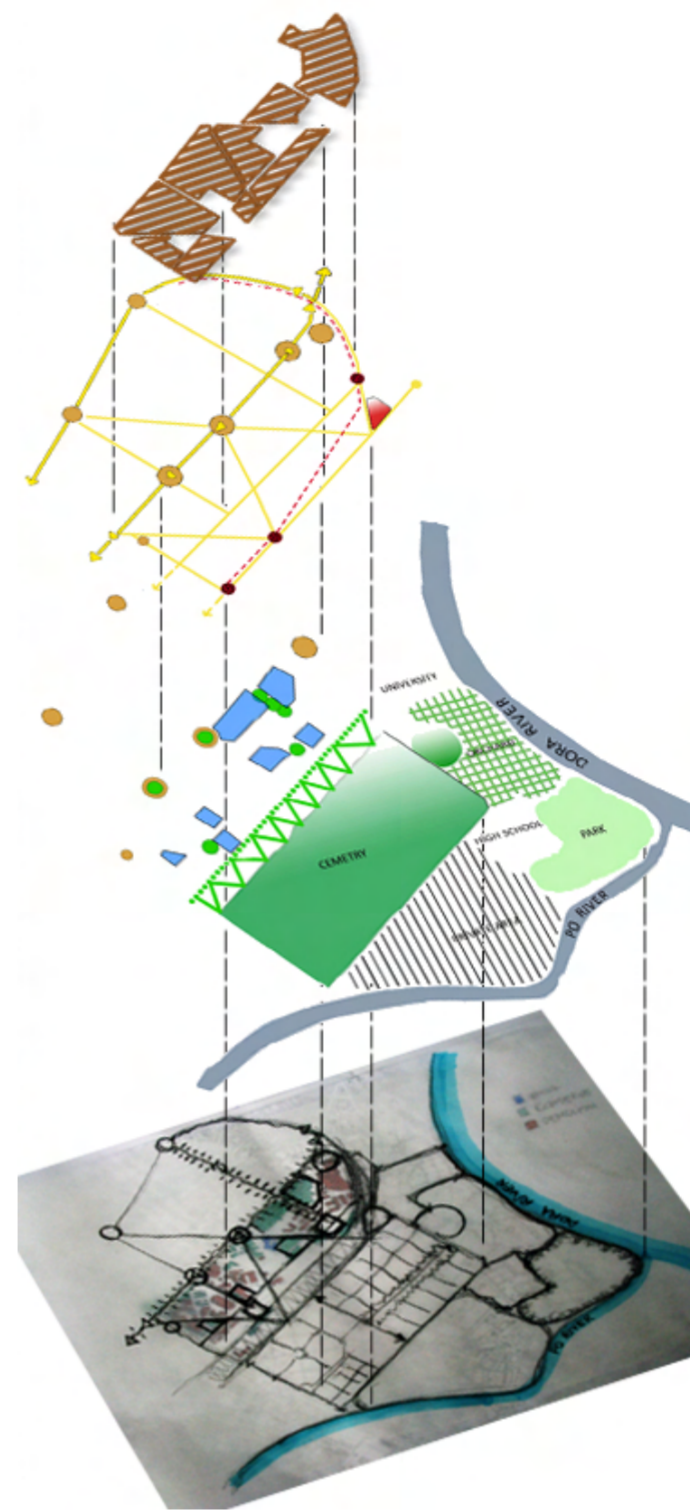
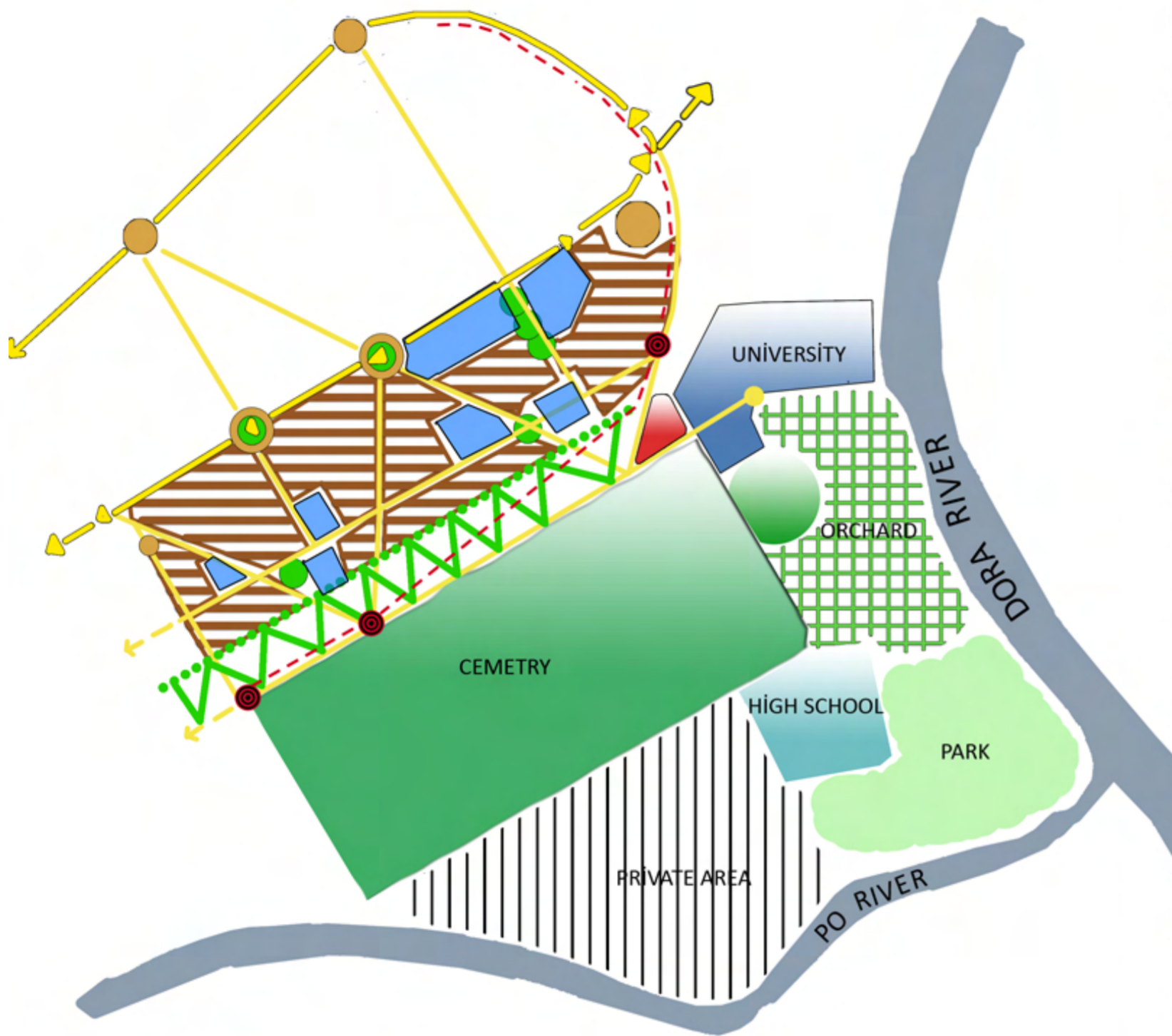


Goals

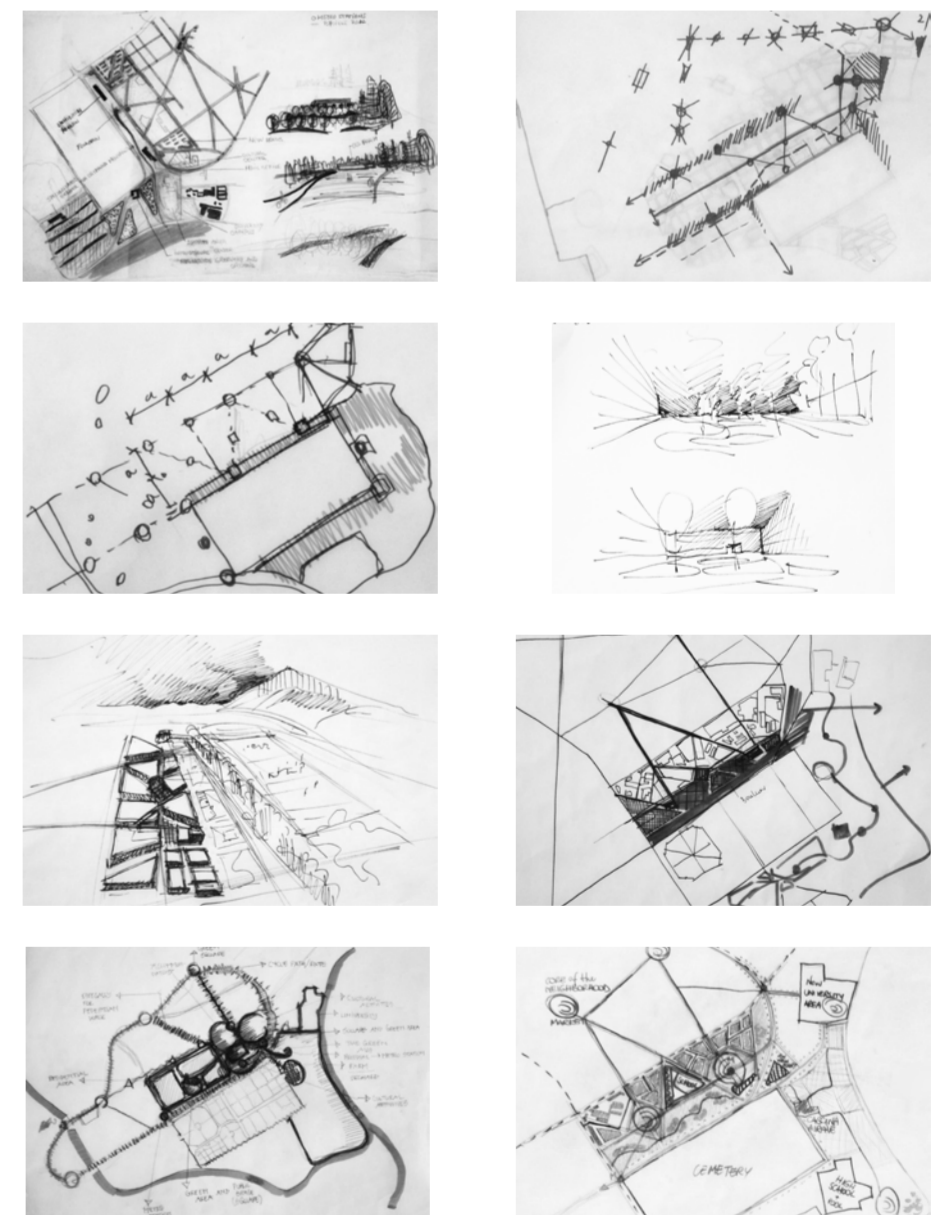
- Integration of community
- Integration of green areas
- Integration with the neighborhood
- Creation of new public spaces
- Maintenance of existing city texture
- To bring the countryside to the city

Tools

- Housing typologies to match with existing patterns - no skyscrapers
- Connections between the green surfaces through green alleys
- To maintain the existing street grid
- To find best points for public use
- Blocks with similar dimension and structure that fit with the neighborhood
- Reuse of the old "Cascina Airale" (Airale Farm) and creation of orchards



- ▨ Residential areas
- ▢ Public services
- ▴ Focal/symbolic point
- Green alleys
- ~ Metro 2
- Major roads
- Local connections
- ~ Park
- Metro 2 stations
- Squares
- Old "Airale Farm"
- Green areas



Why the Orchard?

- ▨ Urban green surfaces
- ▢ Natural green areas
- ▴ "Orchard" areas
- ▢ Cemetery
- ~ Tree alleys

- A method to bring the countryside in the city
- To educate to natural knowledge and experiences
- To make the area more sustainable
- Local production of food
- Self-maintenance by production
- To improve the fruition of the natural green spaces
- To make the area part of the city
- Creating a meeting point for community

THE STRATEGY

CONCEPT SCHEME

FREE TOPIC CONCEPT

LAYERS

FREE SKETCHING



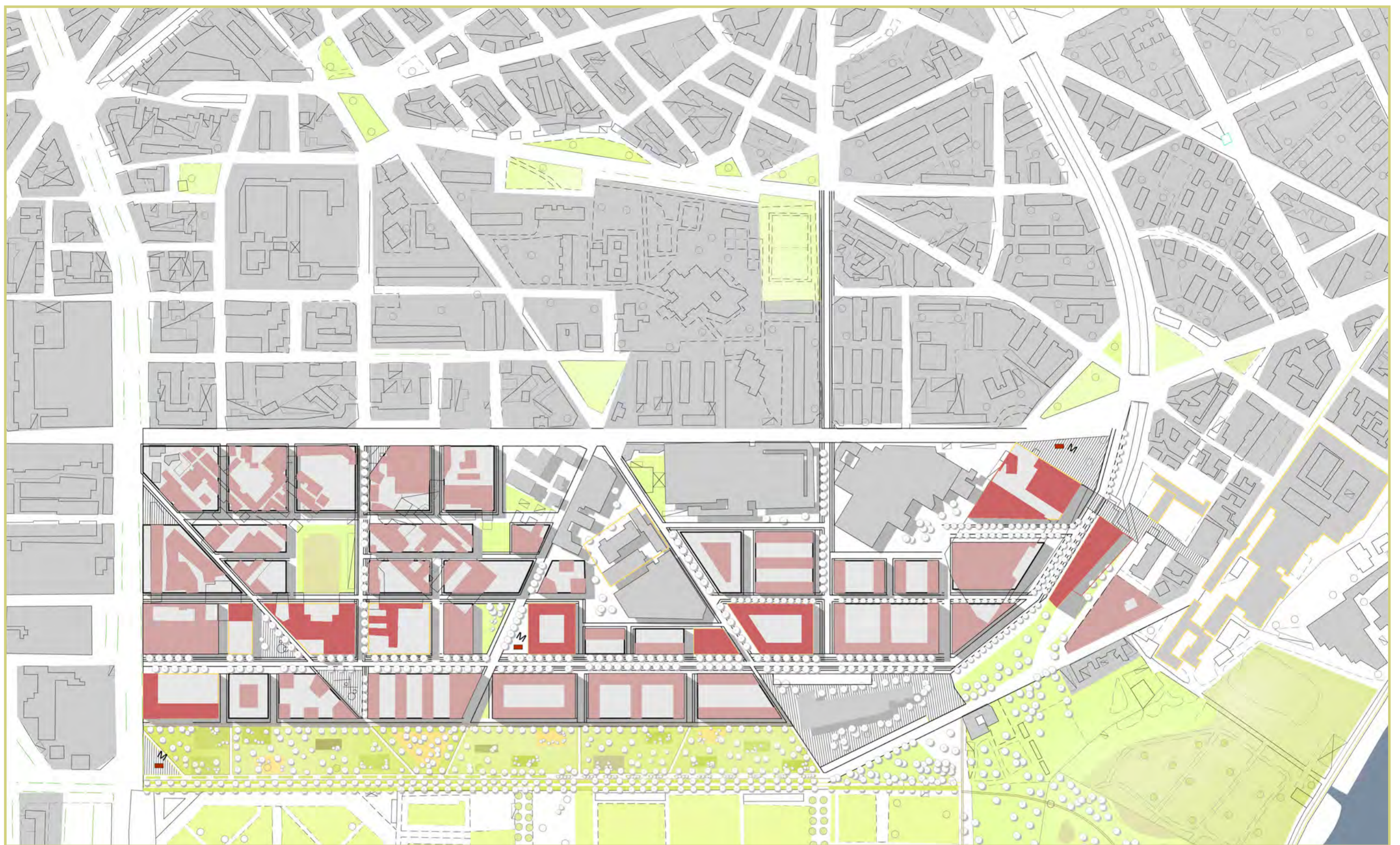
3. PROJECT

Plannig by layers
Defining the main schemes

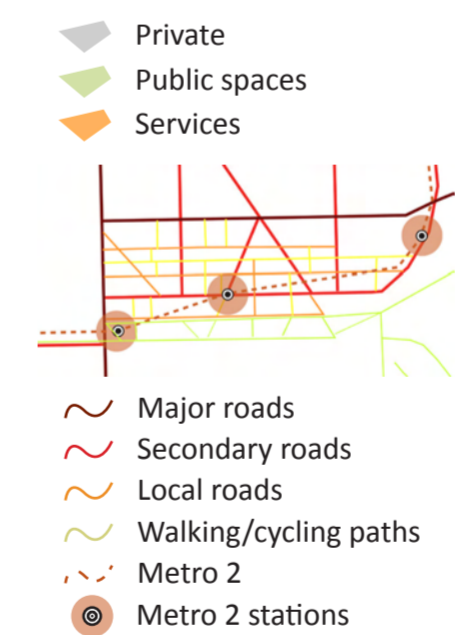
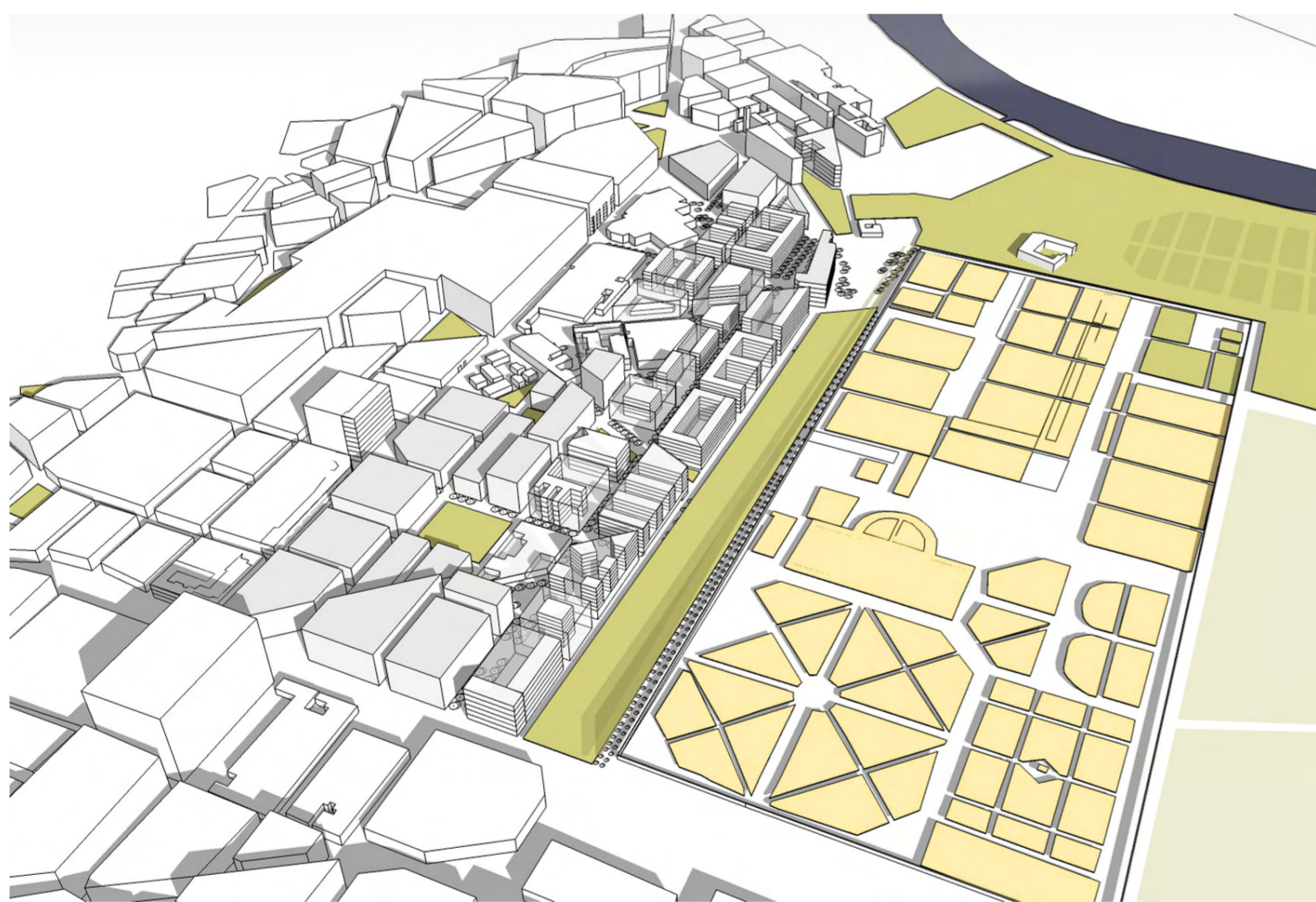
Desing functions and uses
Outlining the feeling of spaces

Connecting the neighborhood to the area
Creating focal point

Thinking about public spaces
3D viewing



- | | | | | | | | | | | | |
|------------------|---------------------|----------------|---------|------------|--------------------|----------------------|-------------------------------|--|------------------|---------|-----------------|
| ● fruit trees | ■ playgrounds | ■ gardens | ■ parks | ■ cemetery | — cycle paths | — roads | ■ existing buildings | ■ boundary of quartals | M metro stations | ■ river | Scale 1 : 5.000 |
| ○ existing trees | ■ landscape squares | ■ public green | ■ farm | ■ orchard | — pedestrian paths | ■ designed buildings | ■ possible future development | ■ social/cultural/educational activities | ■ public squares | ▲ N | |



The final plan has been designed according to different concepts and concerns. First of all the existing roads have been lengthened within the study area to preserve the specific grid outlined in the previous analysis. Next the texture and pattern of the neighborhood have been taken into account while redesigning the transportation scheme. In this sense the new residential and services/commercial schemes have been thought with attention to the pre-existing one in the nearby. The idea was to maintain and exploit the Torino character and livable dimension also in the redeveloping area. Following new public spaces located in different key points are supposed to increase the small amount of public surface in the neighborhood and will guarantee the integration on the community aspect of the area with the rest of the city. Furthermore while laying out the movement scheme new pedestrian and cycling paths have been drawn thus to increase the accessibility to the area and provide for new enjoyable routes.

The grid of the block defining the main and important public spaces is show on the drawing as well is in the 3D model. The fabric is suggested in our project by different typologies of possible built-up schemes are shown in the plan as another layer, less important than roads, streets, squares and gardens. In the redevelopment areas is presented the "archeological footprint" of existing fabric to define different approach towards design of specific buildings there.



On the "green" aspect in the plan there is a provision of new green public spaces in the gap between the cemetery and the buildings. The second idea was to connect the natural green areas around the Po and Dora Rivers to the city centre through a linear park within the area. The natural areas has been also rethought and redesigned following the "orchard" idea.



SCALO VANCHIGLIA TRANSFORMATION PLAN

3D VISUALIZATION

EXAMPLES OF SPACES

LAYERS

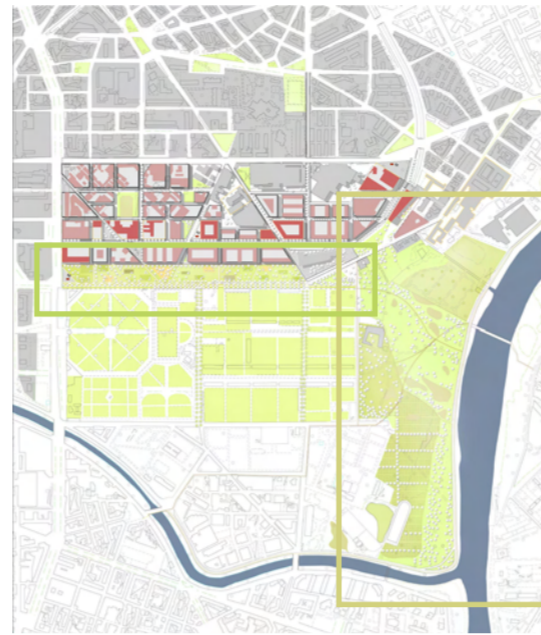
4. FREE TOPIC

Rethink the green system
Recognize different characters

Chose the dimension of green spaces
Decide the functions

Countrysides comes to the city
Connections between urban and natural green

Orchards and plants nursery
City farm



- fruit trees
- existing trees
- playgrounds
- landscape squares
- gardens
- public green
- parks
- farm
- cementary
- orchard
- cycle paths
- pedestrian paths
- designed buildings
- existing buildings
- possible future development
- boundary of quartals
- social/cultural/educational activ
- metro stations
- public squares
- river



The City Farm

- Private property
- The City-Farm gives the community an opportunity to experience farming in the city.
- It gives an opportunity for children and adults to learn about where their food comes from and why that is important
- Accessible all year round

It contains:

- Farm for animals: pig, donkey, cow, goat, sheep, small animals, poultry, ...
- Vegetable-garden & Spice-plants-garden
- Orchard
- Education rooms and areas
- Restaurant serving dishes partly from self-produced vegetables, eggs, meat, dairy products

How is it working?

- Profit from selling fresh products in season through the year
- Profit from restaurant
- Profit from organize education-courses, volunteer-programs, summer-camps to kids
- Support from municipality's budget
- Sponsors, funders



Orchard

- In cooperation with the farm
- Makes profit from selling products
- Goals: production, education, demonstration
- Great variety on different species (apple, cherrytree, plum, pear, peach, apricot, ...)

Plant Nursery

- Private property
- Not open for community
- Private maintenance
- Private profit

Natural Park

- Keeping the field in their natural form
- Great points of view
- Connection between the university and the "orchard area"
- Connection between the linear park and the hills

Linear Park

- Small gardens carried by inhabitants
- Playgrounds for children of different ages
- Cycling paths bordered with vegetation
- Geometrical alleys to connect the two sides of the park
- linear vegetation
- Groups of trees
- Small squares with different pavement textures



ORCHARDS AND GREEN SPACES

IDEAL VISIONS OF THE ORCHARDS

ILLUSTRATIVE PICTURES