



POLITECNICO
DI TORINO

Honors thesis

MASTER'S DEGREE IN ARCHITECTURE FOR THE
SUSTAINABILITY DESIGN

Abstract

**Metropolitan Passages as new frontiers for sustainable
living: mobility and contemporary built landscape around
"Città della Salute" (Turin, Italy)**

Tutor

Alessandro MAZZOTTA
Carlos LLOP

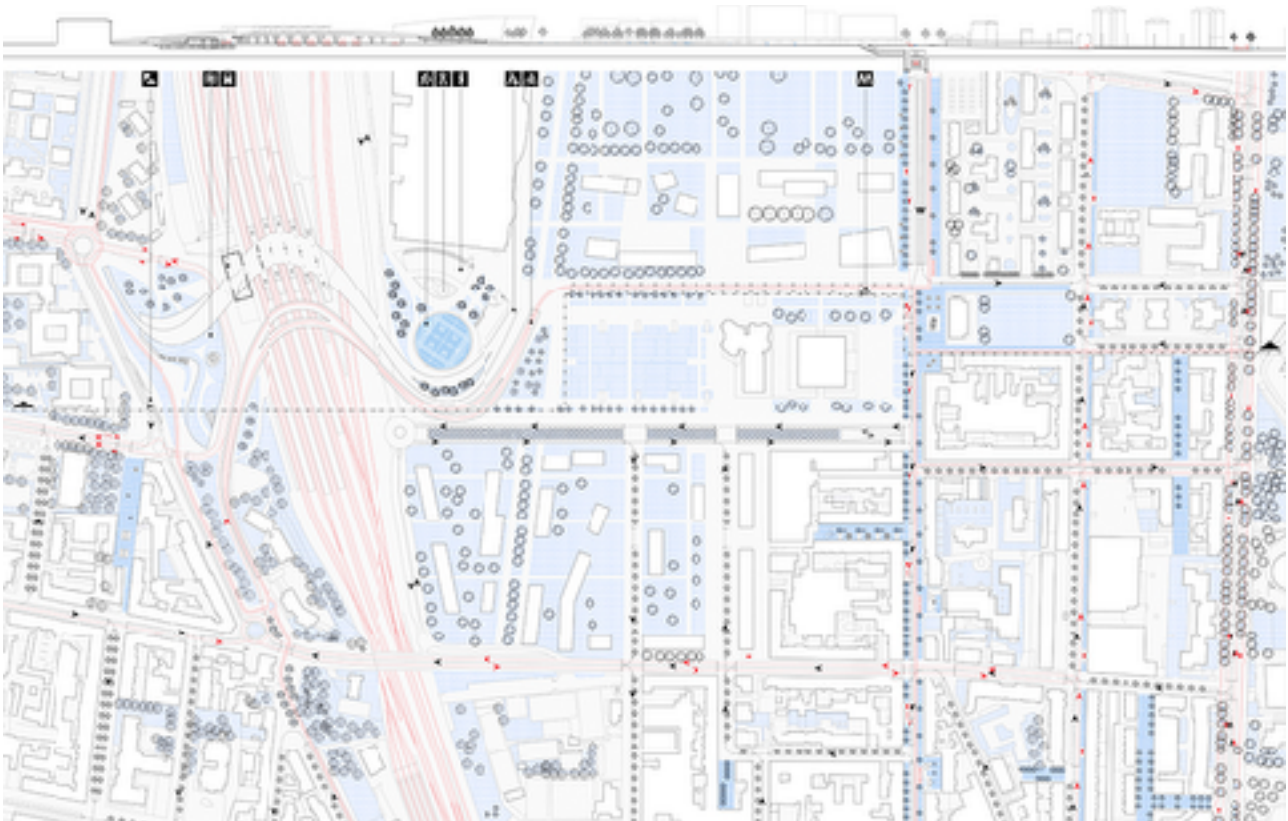
by

Flavia SAPONARO

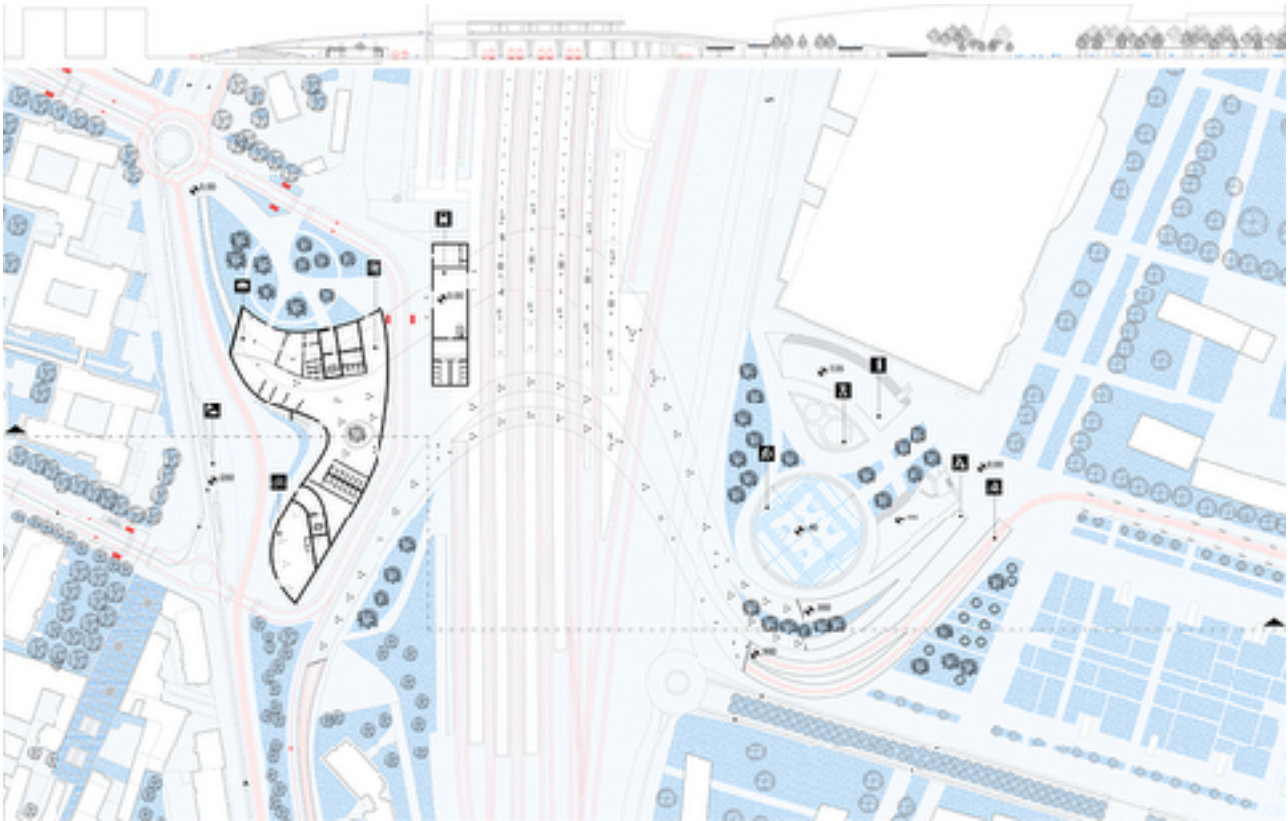
FEBRUARY 2018

The object of this thesis derives from a renewed international interest for metropolitan areas and their quality as essential for the well-being of its inhabitants. The case study deals with a reflection on the topic of Metropolitan Passages referred to the city of Torino and in particular to the area marked by the axes of via Giordano Bruno and via Nizza, including the park of Italia '61, corso Piero Maroncelli and corso Bramante.

The aim of the project is to give back value to the urban outdoor spaces by giving some guidelines which combine hands-on procedures with the rearrangement of the road sections in order to redesign the urban traffic flows, reducing those which are private and boosting the public ones; the second strategy has been defined considering what has been laid down around the area of the Fiat Avio-Oval Lingotto because of the project for the new Park of Healthcare, Science, Research and Innovation (P.S.S.R.I. - Parco della Salute, della Scienza, della Ricerca e dell'Innovazione). Furthermore the impact that the new under construction Headquarter of the Piemonte Region will have on traffic flow has also been considered.



The project suggests the conversion of the current Torino Lingotto railway station into a new type of station, ensuring a bridge-crossing connection of the opposite sides of the railroads. The choice of thinking about an intermodal platform over the current train station is supported by strategic thinking and vision, because creating a link between the train station and the metro line would turn Torino Lingotto into a new urban door and entry to the city, optimizing the current flow of the passengers.



The thesis paper is divided into four sections, of which the last one reports the research and project method, and the others describe the main actions of the project: activate, mobilise, inform. In the first section *“To activate: expansive spaces”* there is a brief reconstruction of what it means to deal with the urban public spaces in terms of vitality, referring particularly to what has been said by Jan Gehl and Jane Jacobs and to the considerations made, among the others, by Le Corbusier, Camillo Sitte and Allan Jacobs. In the second part *“To mobilise: efficient spaces”* is examined the topic of mobility as a key tool to improve the quality of the public open space. In the third part *“To inform: readable spaces”* the informations are treated as an instrument to understand the space around it by getting data and knowledge and as a way to shape the city. Broadcasting and sharing information are at the basis of hands-on procedures. The three actions recommended by the project can't be effective if they don't take place at the same time and if they aren't part of a common and overall view that combines the three approaches gaining expansive, efficient and readable spaces.

flavia.saponaro@studenti.polito.it

0039 3888055285

For further information please contact:
Nome Cognome, mail