



**POLITECNICO**  
MILANO 1863

School of Architecture and Urban Planning

Sustainable Architecture and landscape design

## **New Urban Centrality for Mashhad**

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## **Abstract**

As Part of preserving the oldest neighborhood (Noghan neighborhood) of Iran in the city of Mashhad and dealing with the growth of the city and its tourist population the project was formed.

In the process it was proposed the new airport for the city by using the Metro Matrix method by Professor Ortiz on the location of the municipality's proposed new railway station of Mashhad due to its growth in population and religious tourism. Using the metropolitan cartography method led to design of a network of green and blue Infrastructures that identified the potential green connections, a collection of green and blue corridors inside the metropolitan area and a green belt for around the city. Using an urban corridor connecting the old airport to the historic center through this green network and then making a connection to the Kashafrud river, nearby agriculture fields of our project and our proposed new airport.

The new proposed centrality for Mashhad is designed on this Corridor on the already growing suburb of Mashhad going toward the agriculture landscapes. With the purpose of taking the pressure of the historical center of the city using its position that is between the two most visited locations of Mashhad (new airport and the shrine) It has the proposed functions of agriculture campus of Mashhad University, Medical tourism center, Hotels and malls, Contemporary Art museum and Agriculture exhibitions that brings the flow of people inside of the project using the great accessibility to both the city and the airport through the new metro line, and Buses and new bike paths.

This Project tries to use the city and its surroundings potential and heritage and answer to their needs. With the proposed Metropolitan architecture that acts as a hinge point and a layer machine that keeps the flow and continuity of both the landscape and infrastructures without slowing down their movement. It attempts to give the place new Identity as well as keeping its heritage.

## The list of the drawings

Panel 00

(Title, Abstract and Index)

panel 01

(International role of Mashhad)

panel 02

(history of shrine expansion)

panel 03

(different existing type of masterplan during the time)

panel 04

(green and grey infrastructure)

panel 05

(population and economy growth-tourist attraction)

Panel 06

(analysis conclusion - primary strategy)

Panel 07

(cartography map)

Panel 08

(metropolitan cartography)

Panel 09

(urban strategy)

Panel 10

(urban corridor)

Panel 11

(urban design)

Panel 12

(masterplan)

Panel 13

(mega block)

Panel 14

(mega block diagram)

Panel 15

(metropolitan architecture)

Panel 16

(sections)

Panel 17

(medical block)

Panel 18

(residential block)

Panel 19

(commercial block)

Panel 20

(mega block 3d view)

Panel 21

(bird view)

Panel 22

(metropolitan architecture 3d view)