



# International Doctorate in Architecture and Urban Planning – IDAUP *Sustainability & Conservation: towards innovative approaches*

First international IDAUP workshop  
Ferrara 19<sup>th</sup> – 30<sup>th</sup> of May 2014



## Case study: Ferrara, Sant'Anna Complex

### INTRODUCTION

Ferrara is situated in the western part of Emilia Romagna, on the Po di Volano, a branch channel of the main stream of the Po River, located 10 km north. For its beauty and cultural importance the Historic City Centre has been qualified by UNESCO as World Heritage Site. The town is still surrounded by more than 10 kilometers of ancient walls, mainly built in the 15th and 16th centuries. Together with those of Lucca, they are the best preserved Renaissance walls in Italy. Around this urban element a green public belt is developed, a recreational space of transition between the Historic City Centre and the nineteenth century city. The project site, originally a Hospital Complex with a surface of approximately 15ha is located in an strategic area, behind the green belt and the historic center becoming an occasion to rethink an important urban fragment inside the city. Today the site still maintain some of this functions, but most of them should be reorganized and new activities and program should take place.

The Municipality together with the citizens has been involved in a workshop in order to envision ideas for the renovation and the future transformation of the site. This material will be the starting point for the workshop for further implementations.



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### TOPICS

After a common reflection on the master plan produced by the municipality and the citizens 3+1 topics should be developed:

- URBAN LANDSCAPE\_a system of paths and open spaces should structure the relation between the existing urban fabric and the new neighborhood
- GRAFTING\_the ability to transfigure the conditions of an existing building into a new configuration, which means finding the right balance between transformation and preservation
- RESTORATION\_uses and strategies of renovation of important historic buildings
- SUSTAINABILITY is the transversal topic as good solutions and smart decisions when it comes to energy optimization and climate adaptation

### ORGANIZATION

The PhD candidates will be divided in three groups and each of them will develop one of the topic proposed as the implementations in the Sustainability aspects.

Each group should produce a Power Point File of about 20 minutes and 2 A1 boards that will be evaluated by a jury at the end of the workshop.

### WORKSHOP HOME PREPARATION PHASE

It's requested to all the IDAUP PhD candidates XXIX cycle both as presentation work and as working/studying activity for the coming workshop, to edit a powerpoint file (.ppt) defined by max 20 slides in English for a short oral presentation (max 15 minutes) during the first days of the WS.

This scientific product has to focus topics related to the general contents referred to the title of the working event and in particular to the relationship between sustainability & conservation with specific attention to the innovative aspects in research field.

More than this is requested to each PhD candidate to write an abstract (max 300 words or 3000 typo characters spaces included) of the .ppt presentation with final References.

The final powerpoint files should be presented/discussed to the teaching staff and to the colleagues in the scheduled first days of the Ferrara's workshop. In a specific FTP arranged for the purpose the PhD candidates will find specific templates both for the .ppt file and for the abstract (.doc).