

POLITECNICO DI TORINO  
SECOND SCHOOL OF ARCHITECTURE  
Master of Science in Architecture  
***Honors theses***

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**Orio Canavese's Castle: new ideas for sustainable recovery**

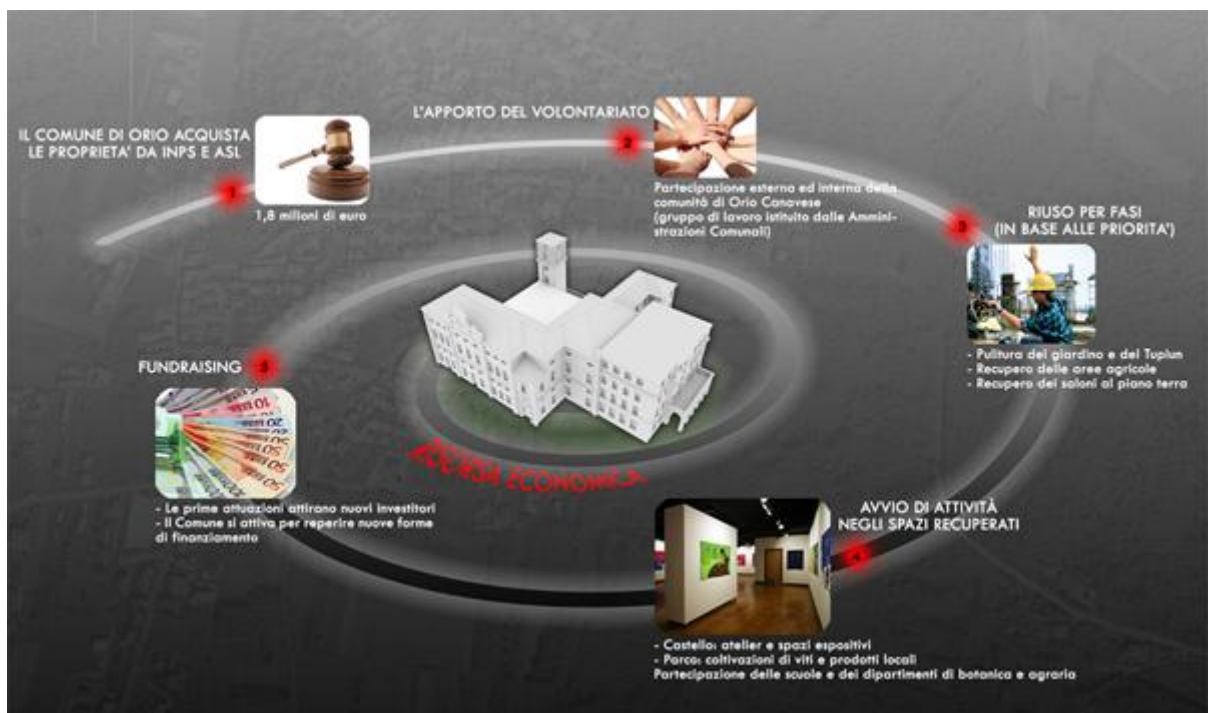
by Michel Como and Silvestro D'Ambrosio

Tutor: Carla Bartolozzi

The thesis take into examination the Orio Canavese's Castle, former Hospital Unit, located in the province of Turin. The goal of this thesis is the analysis and the acquisition of awareness of the architectural artifact through historical reconstructions, from the end of the seventeenth century to the present day. In order to complete this work we relied on the studies undertaken by researchers and, of course, on our observations and researches during our visits at the Castel; those studies leaded us to develop proposals for a sustainable reclamation of the Castle. Economic sustainability is in fact a fundamental guideline for our work; It wouldn't be coherent with the reality If we would not take into consideration the great obstacle represented form the economic aspects. The whole factory with the adjacent park are at the moment in condition of utter degradation so the possibility of any global action would lead to a significant increase of costs difficult to sustain. This is how our project gave life, based on concepts already expressed many times within the activities of the study group which has been promoted by the Town Council. This project is being developed in parallel with the attempt of the Municipality to the takeover the area owned by "INPS" and "Regione Piemonte" (ASL), where any agreement would lead to a further increase in costs from the beginning, which would once again delay the urgent process of reclamation of the Castel. For this reason our proposal minimizes interventions, ensuring the start of a process of re-use of the building with an affordable cost. The work also deals with issues and observations expressed by the citizens of Orio Canavese, in particular with the Municipal Administration, interested and willing to guide and help us in this research. The development of a thesis about this subject is a first small goal already reached by our study group as it is desperately looking for solutions to end the problem. We consider extremely important that Universities and/or other Institutions get involved and make available their own means to help a small community, that has a little more than eight hundred inhabitants, to protect this building which is a symbol for them; a symbol for the citizens of Orio Canavese to which they are grateful for having provided them work during the years when the building was used as a Hospital.

Moreover this building is part of the typical Canavese landscape, in which most of the ancient villages are dominated by beautiful Noble Buildings. Despite our case study has not particular historical interest, shows strong architectural and environmental potential features that characterize the entire local context, moreover, it represents a majestic welcome greeting for those that from Turin travel to these lands. Orio Canavese is one of the first villages in the Canavese area where can be found various castles that characterize the entire area.

The development of this thesis has been possible thanks to the involvement of Professor Architect Carla Bartolozzi, DAD Department of Architecture and Design at the "Politecnico di Torino", which, as supervisor was able to advise and address us toward a plausibly path for the development of this work, thanks to the her great professionalism and knowledge in the field of architectural restoration.



## Concept



### Interior suggestions

INTERVENTI GLOBALI CASTELLO E PARCO			
STIMA PER COSTI PARAMETRICI		PROPOSTA IN CHIAVE SOSTENIBILE	
	<b>A CASTELLO</b> SUPERFICIE TOTALE: 5.000mq COSTO AL MQ: 2.000€/mq 5.000mq x 2.000€/mq <b>10.000.000 €</b>		<b>A CASTELLO</b> SUPERFICIE DA RECUPERARE: Atrio d'Ingresso 30mq Gran Galleria 80mq Sala di Levante 50mq Salone D'Onore 75mq Sala di Ponente 50mq Bazar 45mq <b>TOTALE 330mq</b> <b>300.000 €</b>
	<b>B PARCO</b> SUPERFICIE TOTALE: 30.000mq COSTO AL MQ: 150€/mq 30.000mq x 150€/mq <b>4.500.000 €</b>		<b>B PARCO</b> SUPERFICIE DA RECUPERARE: Tappeti 7.000mq Terrazze 4.000mq Vigneto 1.000mq Polo di ricerca 500mq <b>TOTALE 12.500mq</b> <b>38.800 €</b>
<b>TOTALE 14.500.000 €</b>		<b>TOTALE 338.800 €</b>	

### Sustainable recovery

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