



**Politecnico
di Torino**

Honors Thesis

Master of Science in Sustainable Architecture

Abstract

MINE OF CULTURE

**Recovery and enhancement of the buildings
of the mining district located in Ollomont (AO).**

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This thesis project can be collocated within a context of study, analysis and processing of programmes that aims at recovering marginal territories, those places that, far from urban realities, own important resources and that constitute excellent opportunities for local development. In particular, the argument of this study is the restoration of the mineral complex of Rey (Ollomont, AO), a place abandoned since the Fifties (of the 1900s), with the goal of transforming it into an Alpine cultural centre. Nowadays, it could represent a redemption point for an area that requires a promotion tool that lasts throughout the whole year. Therefore, the work presented is not only a pure planning exercise, but it aims at defining a regeneration process that could represent, somehow, a model for the local/regional development of areas presenting the same features. This transformation will have to base itself on concrete needs originated from a complex process composed by different phases. In a first moment, several studies analysing realities like the Aosta Valley's one, that are marginal areas where valorisation processes for abandoned spaces were already in place, have been investigated. Later, we studied the mine history, its evolution over time and its bequest, in other words, the components that represents fundamental resources for the development of a territorial identity. The third section concerns an analysis strictly linked to the territory; this is an essential part to analyse our area framework. Survey is the key word that can better define the fourth phase of our work, a meticulous survey of every single element has been done. We got started from a macro-scale, thus the land survey thanks to the drone, to the micro-scale, that is the single window frame. All this hard work has been done with the objective of having a project that could be easily workable in BIM. The last phase, or rather, the one dedicated to the project, has been for sure the most exciting one. The analysis/estimations done previously have been a fundamental basis that allowed us to define the geometry/structure, to highlight the future functions and to find out the strategic character of the area.





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