



POLITECNICO
DI TORINO

Honors thesis

Master of Science in Sustainable Architecture

Abstract

**Reuse of abandoned industrial areas in Europe and
worldwide.**

A case study of Agnesi factory in Imperia.

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by

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March 2020

The derelict industrial areas represent, in Italy and the rest of the world, a reality to which, today, has not been paid proper attention. However, these areas, which are often placed close to residential zones, show interesting aspects because of their history and their future potential, too. As a matter of fact, we now live in a context in which the sustainability of the development has become central and this is why there's no doubt that the recovery of disused areas can play an important part in the attainment of that purpose. The traineeship carried out in Rotterdam, The Netherlands, has been very useful for the initial idea upon which the thesis was based. I was indeed fascinated by that city full of interesting construction sites, especially the one of Fenix I and its recovery, which prove the undeniable need for finding new urban spaces through the renovation of dismissed industrial areas.

In the thesis, this theme is examined through case filing, data collection and normative references.

It was then chosen, among all the analysed cases, to consider and study more deeply the most worthy architectural examples.

The last part of the work concerns a recovery hypothesis of the Agnesi factory, which is located in the Italian city named Imperia but ceased activity in 2016. In this final section an attempt was made to assess whether the economy and the environment would benefit from this architectural intervention and what effects it could produce on the factory's surroundings. That's why a cost-revenue analysis based on the above-mentioned cases was carried out.



Picture 1 – Fenix I, Rotterdam (The Netherlands)



Immagine 2 – Masterplan project Agnesi

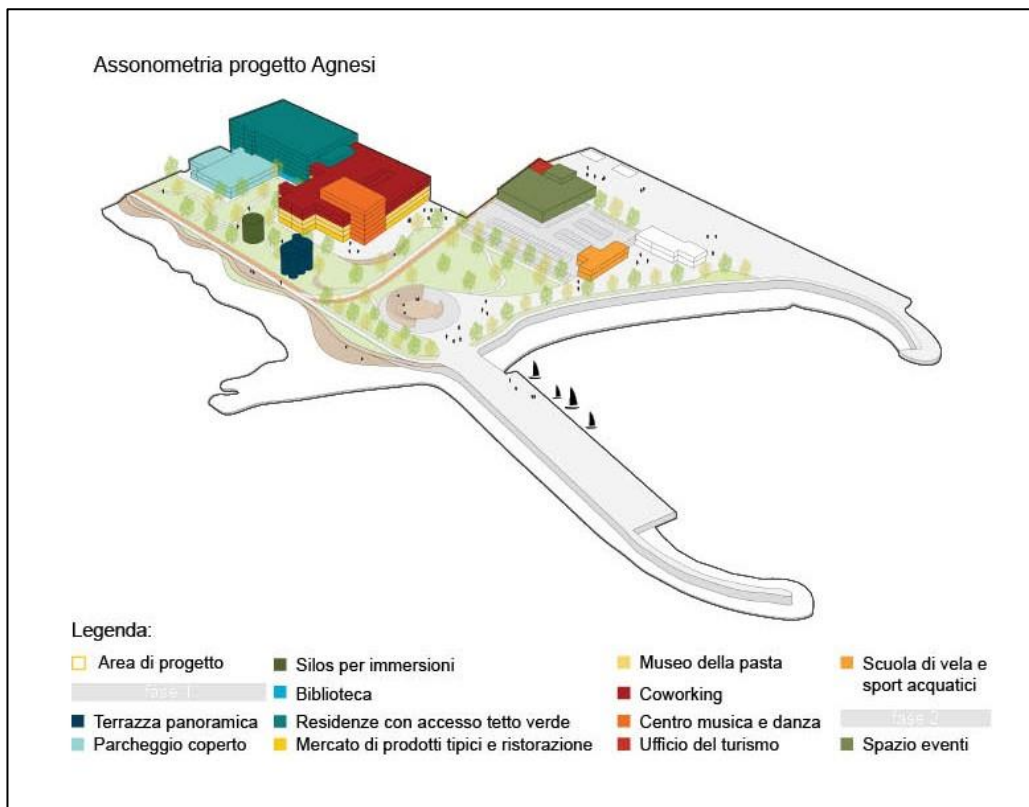


Immagine 3 – Intended use