

POLITECNICO DI TORINO
FIRST SCHOOL OF ARCHITECTURE
Master of Science in Architecture (Construction)
Honors theses

Waste production: a basic element of second use in a project in the city of Turin

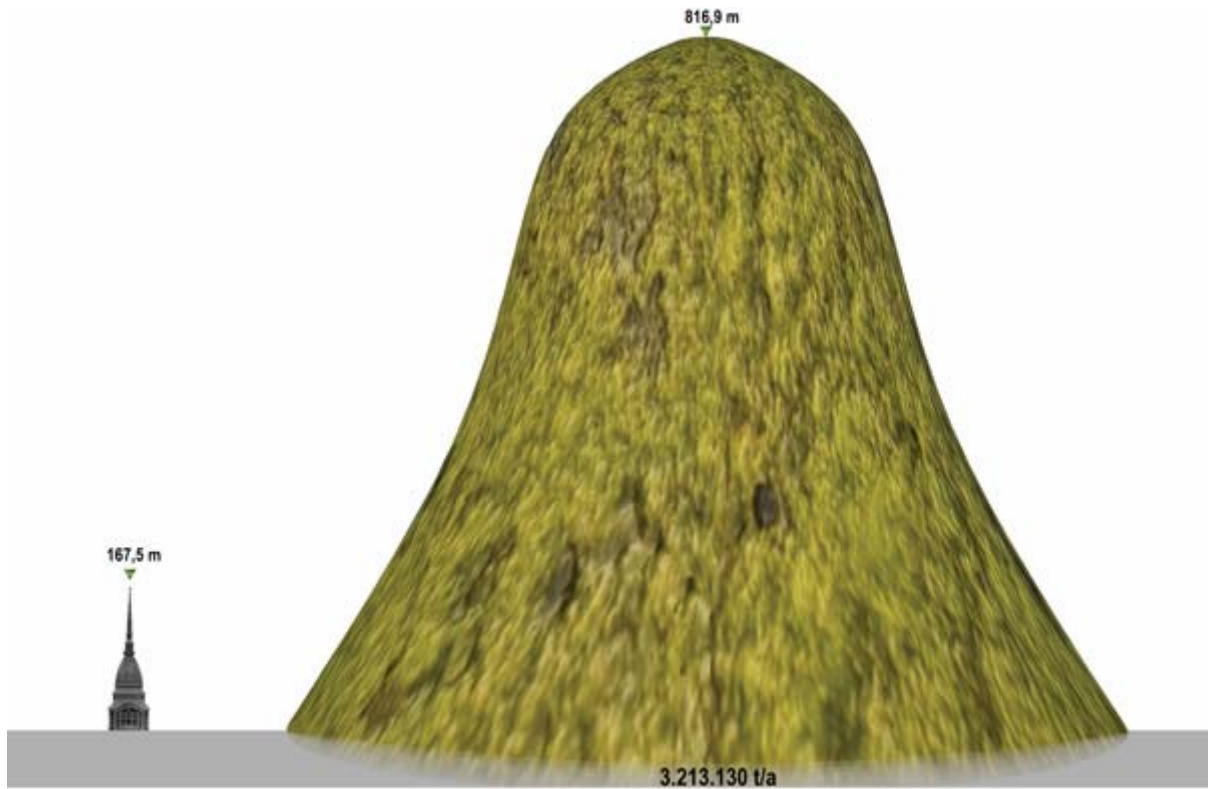
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J. Baurillard declares that the human being is residual, who is echo of the ghost even after its death. Residual same is an object not more using. The main quality to produce objects is their short life, quality that Karl Marx defined with scarcity. For this reason and because it is impossible not to produce waste, I suggest an architecture created with trash objects as a solution of the waste problems in our cities. During my studies I tried to show how is possible to conceive a house in the city of Turin built using its waste.

In the thesis, after a first part where analyzed the waste as of natural instinct human being, I have transposed the garbage data town in pattern show. In the second part showed a charts about some materials from the separate collection in the Province of Turin, having showed that it can say that the method of recycling is more expensive and pollutant than the reuse method. From the data town born the narrows to create the house and the necessity to find real building materials. For the elements of second use is not possible employ in the building designed by me because it can be unavailable or poisonous, in this case is better to use recycled elements. If It does not exist an element for the project to reuse or recycle, they can employ an element of new manufacture. In the third part it shows the reuse method in an architecture, where it proposes new technologies. The project born to inverse process: form the material and details of construction to the entire building. With my project I am showing that the reuse can become a real procedure in the practical knowledge of each architect.

The result is a house made with principles of "do it yourself" but it must be put in a prefabrication in some part of construction. It's a very easy job to realize because it needs a prototype to study the physical property of the new technology. In this thesis what don't come out is the real envolment that the company groove in the reuse method and the relationship to create it.



Rifiuti Provincia di Torino in un anno tipo



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