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COURSE OF
ARCHITECTURE FOR SUSTAINABLE DESIGN

Abstract

MI.REUSE, regeneration design of a former industrial site in Rome by components and materials from reusing processes.

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MI.REUSE is a regeneration design of a former industrial site in Rome by components and materials from reusing processes. The aim is to prove how, by waste materials, it is possible the regeneration design of a building that looks like waste itself. Another objective of this work is to classify the recovery sources identified and to share the data on an appropriate online platform. In order to identify the sources in the area, it has been applied the *Harvest Map* methodology. It is a map that includes and summarizes informations about all the waste materials in the area from several productive sectors. Refusal represents the starting point and the strength of the *Superuse* design method. The work is based on two mains aspects, the urban and the local scale. They both cooperate in a mutually supportive manner, they exchange sources with each other; the town offer waste materials that can be used in the regeneration design of the building, while the building could give back an historical and cultural identity to a side of town that lost it. The main topic is the *reuse*, analysed from different points of view trying to extend the concept from the design to the use phase of the building. So that the *reuse* of waste materials from several productive sector enable to *reuse* an abandoned building, where the flexibility and the ease of assembly of the constructive elements ensure the future *reuse* of the spaces.
