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The Eutopia of the city

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The research and materials collected in this book try to anticipate future scenarios and are, through a study of the most advanced European experiences, as a tool towards ways of doing today in the contemporary city.

The value of this publication allows you to trace a semantic map of strategies and reflections on areas less normate investigated and architecture, on side considerations that work on the imprecision and arbitrariness margins, spaces no prescription where today you can recognize quality the buildings.

Studies tell of projects that have had opportunities for comparison with real constraints, compromised by social and political contexts at various levels and closely linked to economic limits, discussing issues relating to different application fields such as history, architectural and structural design the technological analysis, socio-economic implications and the landscape environment relationship and the city.

Eutopia Urbana, remodelage, references, adaptive maintenance, adaptive Exoskeleton, Rural Urban are the key words that accompanied the research work of several interdisciplinary teams that responded to the multiple degrees of inadequacy of the buildings surveyed.

The analyzes carried out have made it clear that, if the urban regeneration operations are addressed in a coordinated manner with more skills, generating new systems of production and consumption of real estate assets, including in Italy could actually become a new driving force for the economy.

Urban regeneration is therefore not just a hope, a non-existent place, but a reality that can mutate into a utopia "eutopia" (eu-topos), transforming slums, housing sprawl, sprawl, in "good places" to intervene on the concrete with suction and ideological position of a better world.

The operation of remodelage or adaptive maintenance is intended as an integrated method capable of operations, from a technological point of view and typological, to improve and update the architectural objects through the use of practices and interchangeable construction systems able to anticipate future contexts long-term development.

The adaptive Maintenance is thus combined with the concept of integration at a structural level, energy quality, the plant level, type-morphological, and to the concept of "riestetizzazione" (or ready made) existing building. Another keyword in the search investigated Exoskeleton is adaptive, ie the possibility of rehabilitating the buildings by adopting a sort of prosthesis to be used outside and in addition to improve the earthquake resistance

can allow new typological and functional arrangements also be developed over time in relation to the needs of users, extending the life cycle of the building and reducing the environmental load effects at the restoration.

The introduction of the concept of Rural-urban integration like urban and agricultural areas, and provided to address effectively the problems related to the closure of the ecological and climate change cycles where the urban area can be designed as an ecosystem in which regulate the consumption of resources and anthropogenic processes, promoting proximity farming, renewable energy and short production chains between producers and consumers.

Significant part of the research is ultimately the design experiments intended as "pragmatic visionary" expressed with images that evoke suggestions maneuvers where the coded language of architecture is related to the context, generating new ways of thinking and structuring the architectural form.

The publication was produced by the research unit of the University of Brescia within the National Interest Research Project (PRIN) New design practices for sustainable redevelopment of social housing complexes in Italy coordinated by Marina Montuori.