Migration and the Built Environment in the Mediterranean and the Middle East

CAUMME III
Contemporary Architecture and Urbanism in the Mediterranean and the Middle East

PAUMME I
Projects of Architecture and Urbanism in the Mediterranean and the Middle East

International Symposium
Naples, November 24-25th 2016

Includes CD
with conference proceedings
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International Symposium
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LIKE A SLEEPING-BAG ON THE SOFA
FOR AN UNEXPECTED GUEST

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Keywords: Caring by Urban Acupuncture, Urban Regeneration/Flexibility, Sustainability/Hemp-Bioplastic (HBP)

The controversial relationship between natural and built environments is the starting point for the hypothesis of taking care of places and people, transforming apparent adversities into opportunities.

Regeneration of abandoned, unused and wasted spaces:
1. starting from people (malaise, unease);
2. involving the community through a sense of inter-generation responsibility that gives meaning to environmental sustainability as a fundamental feature of survival;
3. speculating with other ways of dwelling, building, living. If the consumption of a body or of the organ suffering an illness is reflected in a lack of energy, the interventions proposed here point to an idea of recovery not only through building, but based on a wider programme which spans from the particular to the general, from the technical to the political.

The state of malaise and unease inhabits places on the margins of established cities, whose bodies respond with difficulty to the true needs of those who live in them: urban acupuncture, through certain specifically targeted interventions, may constitute a remedy capable of taking advantage of the flux of energy derived from the community, beginning from the grassroots, with small-scale proposals with the potential of gradually reactivating the whole city.

From the awareness that movement, under various forms, is one of the phenomena that dominates our age, from migration to the new work-related nomadism, an investigation is proposed here, using the appropriate tools, into those places and situations that – although often hidden – exist and present temporary ways of living and dwelling which are varied and different to the staticity which characterises so many cities.

REFERENCES
Like a sleeping-bag spread out on the sofa for a guest, cells to be distributed around the city. Pret à porter housing to be inserted into those forgotten urban spaces, allowing them to come back to life, thus gradually reactivating cities, as hoped for by urban acupuncture. Transport constraints imposed a modular project consisting on 6x3x3 metre cells to be aggregated to each other for composing various housing typologies that may adapt as best as possible both to the dwelling needs and to the spaces available. The dry X-lam construction system, associated to an insulation composite system which uses hemp mats and an external finishing in Kanesis bioplastic panels, guarantees optimal interior comfort and total environmental sustainability through all phases of production, use and dismantlement. Prefabrication permits a bathroom unit to be inserted into the cells in the form of 3 equipped bioplastic module-rings, and the inclusion from the outset of a minimal MobAPP furniture-storage system which through guidelines guarantees the possibility of transformations and additional integrations. The building-aggregations are covered by an independent shell which serves as a collector for solar energy and rain water, while creating loggias without the structures touching so as to avoid thermal bridges. The pilot project – which envisages working in emergency conditions - uses the cells as temporary refuge dwellings and chooses using the shells of abandoned industrial structures or else public buildings which were never completed as supports for possible temporary settlements for nomads and immigrants.

Pilot design research developed from a master degree thesis at Unifl, tutor Prof. Arch. M.arco Sala, co-tutor Prof. Arch. Francesco Collotti
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Pilot design research developed from a master degree thesis at Uni, tutor Prof. Arch. Marco Sala, co-tutor Prof. Arch. Francesco Collotti | 15-02-2016.
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