Across Disciplinary and National Borders: a Pedagogical Tool for Re-use

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Across Disciplinary and National Borders: a pedagogical tool for re-use

Sandra Marques Pereira (ISCTE-IUL) and Jim Roche (DSA / DIT)

EDUCATION FOR REUSE
PLACE: ISCTE-IUL, LISBON

One-week workshop, students from the 15 participating schools developed an evolving housing design using prefabricated wood panels, to re-adapt pre-existing modern dwellings/buildings to contemporary living
SITE: PORTELA, LISBON

Photo: Pedro Ferreira
Methodology

PREPARATORY WORK - VIDEOS YOUTUBE
i) Theoretical on Mass Housing
ii) Portela’s urbanistic and architectonic framework

LECTURE
Theoretical framework about housing/society in Portugal and New Ways of Inhabiting

SITE VISIT
Including visits to the interior of apartments / meeting residents

PREPARATORY STUDIO
Sociological Contextualization of Portela/ Exercise Explanation

DESIGN STUDIO
Mixed groups Reconfiguration proposals Use of ISTCE’s FabLab modular system

PRESENTATION DISCUSSION OF PROJECTS
RESULTS

1) diversity of dwelling typologies allowed for:
   a) social mix – age/life course stage & household type
   b) flexibility and adaptability over the lifetime

2) family networks and residents interaction facilitated:
   a) communal shared space
   b) engagement between the private and public;
   c) vertical connectivity;
   d) social amenities - urban rooftop gardening, communal cooking, eating;

3) user-participation in dwelling design and self-a)
   building aimed at customizing / personalizing and attracting / engaging newer younger residents a
   “do-it-your-self” modular system inspired by ISCTE’s FabLab
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We propose a solution composed of many different houses, all of these give you the opportunity to make them your own through the use of a modular construction system, which are stacked in the construction of the tower.

Sedef Guney  24 July 2014 at 04:14

Different origins and profiles are put forward. Self-owned housing and large scales are considered regarding the design process. The short-period residents such as exchange student, young users are tackled in the work. It is an interesting group due to the new demands of Lisbon. Different modules for different functions including vertical usages have provided professional attitudes towards the intervention. Attempts for sun protection and climate are also a part of the vertical/horizontal design formulations. The solutions are presented in good quality graphical senses. For the future fragmented spaces within the floor plans can be integrated with respect to the other input in the in-situ.

Leandro Madraro  31 July 2014 at 03:31

The case of Torre David in Caracas, is an example of how an existing structure is filled in with self-constructed housing units. Inhabitants transform the in-between spaces become an elevated street....

“One Floor, One Family” - Group D - Bairro da Portela de Sacavém
Karol Görner, Inger Kiratins Rahbek, Rémi Avril, Francisco Alves, Chrysa Pierrakou, Shilan Gharanfoli, Héctor Ruiz

The aging population of Portela calls for a different type of house - one to accommodate the elderly woman living alone, one for exchange students, one for the new families of 3 or 4 people that were attracted there due to the spacious lots. And clearly another for those one exchange student/room, the girl/Shovels her, get together with her and come in this here, sitting in that as family grows. We propose a solution composed of many different rooms. All of these gives you the opportunity to make your own house through the use of a modular constructive system. This system is arranged in a grid, so we can maintain some unity and still provide a lot of freedom to the users. The those stairs started as clean spaces and as the house grows around, public areas raised from the open spaces.

PORTELA: A contemporary solution for a modern design.
Carlos Ochando Seva, Lukas Kolb, Bruno Trabut, Afonso Patinhas, Evi Stavraki, Milos Jellasic

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WORKSHOP: Contemporary living patterns in mass housing in Europe
ISCTE- University Institute of Lisbon, Portugal. July 14th-19th 2014
For more information please visit the website www.oikonet.org or contact: info@oikonet.org

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OUTPUT – full scale prototype
OUTPUT - presentation
OUTPUT - exhibition
CONCLUSIONS

- Collaboration between the disciplines of sociology and architecture, made possible by one condition: a conception of interdisciplinarity as meaningful collaborative work among disciplines considered to be different, but not “unequal”

- A common goal: to enrich the reflective skills of students and make them aware of the importance of both interdisciplinary work and users’ focus within their profession

- Challenges of work within international teams on reconfiguring modern high-rise housing which is such a global phenomenon

- The resultant architectural ideas of the students suggest both how these blocks could be reconfigured and new ways of living for the residents thus proffering exemplars that contradict the negative stereotype of modern high-rise projects

- Oikonet Lisbon Workshop on Portela: an exploratory experience not devoid of some weaknesses / worthwhile case study contribute to the urgent and quite neglected debate on the adequacy of architectural education to contemporary society within the equally urgent context of how high-rise estates could be reimagined
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