Paper / Proposal Title:
Mixed-use Urban Project in Design Studios. A Research by Design Pedagogical Experience at the Barcelona School of Architecture.

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Abstract (300 words):
This article presents an innovative “research by design” experience in the framework on an on-going investigation on Urban Mixticity within the Barcelona Urbanism Laboratory-LUB. In parallel, during six consecutive academic years, the Design Studio "Urban Project. Ideas and Praxis" of the master's program "Contemporary Project" has applied the analysis methodology developed in the research while reviewing the evolution of the idea of Urban Project in recent decades. In accordance with the tradition started at the LUB in 1980s, Urban Projects are an instrument of mediation between the city and architecture, and at the same time, constitute a way of acting and doing research. A design tool that is different either from the conventional planning or the macro-architecture, and that is driven to conceiving projects for operative fragments of the city well delimited in space and time.

The Urban Design Studio held on Spring 2020 researched on Urban Mixticity in one of the most paradigmatic transformation tissues in the South of Europe: 22@-District Barcelona, taking its northern part as main laboratory. The course participated in a recently launched municipal debate that seek to set up new urban conditions for the non-redeveloped areas, "Towards a Poblenou with a more inclusive and more sustainable 22@ district". The Studio depicted new scenarios for this area taking into consideration...
the new demands for more housing, social and innovation activities, the balance between heritage and new facilities, ecology and sustainability, among other factors. Analysis and proposals both at the block and superblock scale were tested, exploring quantities and qualities of urban mixticity over the layout of the Cerdà’s grid.

• Author(s) Biography (200 words each):
  
  **Prof. Dr. Carles Crosas Armengol** is a PhD Architect and Lecturer (ETSA Barcelona). He has been teaching Urbanism at the Barcelona School of Architecture since 2001 and has been invited to universities in Europe, America and Asia. Former collaborator and assistant teacher to Professor Manuel de Solà-Morales, he is a researcher at the Barcelona Laboratory of Urbanism where he has been coordinator and participant in various international projects and Erasmus + Programmes. He has co-authored different articles and books, among others: “Designing metropolitan metabolism” (Jovis, Berlin, 2018); Re-mix: Urban Productive Landscapes (LUB-UPC, Barcelona, 2018); “Cogenerative design strategies for a sustainable urban metabolism” (Louise-ULB, Brussels, 2015); “Metropolis Barcelona”, 3 volumes. (AMB, Barcelona, 2015) and “Barcelona-Links” (LUB-UPC, Barcelona, 2012). He supervises different PhD research on urban centralities, infrastructure and public spaces and ecosystemic urbanism. He is currently Deputy Head of the Department of Urbanism and Regional Planning –UPC and he has also been ETSAB ViceDean for International Relations (2016-17). Concurrently, he’s been developing professional works together with other architects and professors from a platform of urbanism and architecture since 2003 being awarded in urban project ideas competitions, drawing up urban and territorial studies and plans.

  **Prof. Dr. Eulàlia Gómez-Escoda** is an Architect and Urban Designer (ETSAB). PhD in Urbanism (UPC-Barcelona Tech). Adjunct Professor (2008-2014), Assistant Professor (2015-2018) and since 2018 Tenured Associate Professor at the Department of Urban Design and Urban Planning DUOT at ETSAB-UPC Barcelona Tech. Research fellow at LUB, Barcelona Urbanism Laboratory. Since 2009, she has taught at the Barcelona School of Architecture ETSAB both at the undergraduate program in Architecture and at the Master programs in Urbanism and in Contemporary Design. She has been guest critic and lecturer at international advanced schools such as the Royal Danish Academy of Fine Arts in Copenhagen, the School of Architecture of KU Leuven, the German University in Cairo, the Universidad Mayor at Santiago de Chile and the Graduate School of Planning and Preservation at Columbia University. She has been Guest Critic in Urban Design at the Harvard Graduate School of Design (fall 2019). She is contributor to significant research works related to Barcelona as Inhabiting Barcelona (an investigation on the history of the right to housing and the evolution of residential types in the city, MUHBA 2021), Barcelona Metropolis (preliminary works and analysis to develop the new Metropolitan Urban Director Plan for Barcelona, DHUB 2014-