

INTERNATIONAL NETWORK FOR COLLECTIVE INTELLIGENCES IN LATIN AMERICA AND THE CARIBBEAN

Joint project INCI

Inaugural Call 2020/2021 “Crossing Boundaries toward an Integrated Research Environment”

Berlin Center for Global Engagement within the frame of the Berlin University Alliance

Why this project?

The predicted rapid urbanization and economic development in the Global South (GS) will drastically increase the demand for new buildings. Since potentially up to 3 billion people will live in slums by 2050 (UN), new, rapidly deployable solutions for do-it-yourself construction are urgently needed. These solutions must be socially acceptable and at the same time address the SDG in a meaningful way.

Methods

The INCI Project is an inter-institutional research and implementation project in the field of design and building science with the objective to improve innovation in “sustainability” by the identification and formulation of small-scale, climate-positive design methods that contribute to the sustainable development of tomorrow’s urban and rural structures, especially in line with traditional building methods: the Collective Intelligences (CI).

Starting with and based on the city of Havana, the network INCI is to develop into a knowledge platform for sustainable building through CI that integrate and make available local and regional know-how, foster innovation in the target universities, decolonize university curriculum, and maybe support new approaches in vocational training.

Innovation

Traditional craft and crossbreed techniques, modified machines and self-made devices but also tacit citizenship agreements for public togetherness are pure open-source Intelligences, taught by imitation, developed over generations and perfected through appropriation, imitation and self-experimentation. This knowledge is becoming invisible and gradually being discarded under globalized standardization of processes and a conception of progress. The project also seek to better understand how CI of design and building interact with urban disaster risk reduction strategies and prevention mechanisms.



Source: Inteligencias Colectivas (IC) by Zoohaus, 2020

Duranton: 09/2020 - 06/2021

Region: Latin America and the Caribbean

Coordination: Inst. Architecture, Dept. Architectural Design and Typology, TU-Berlin, & Disaster Research Unit (DRU), FU-Berlin.

Prospective partners:

- CUJAE, Architecture Faculty, Cuba
- FAC, Cultural Institution, Cuba
- ZOOHAUS, Spain,
- ZULOARK, Architects, Germany
- TIRILAB, Research Education, Greece

Gefördert im Rahmen der Exzellenzstrategie von Bund und Ländern durch die Berlin University Alliance

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