

The Chair of Sustainable Construction invites to the open lecture:
Bridging the Affordable Housing Gap through Research, Innovation and Technology
The Case of Bamboo Based Construction Systems
by MSc. Luís Felipe López Muñoz

January 26th, 2023



Luís Felipe López is a Civil engineer from National University of Colombia and MSc in Civil engineering from Los Andes University, Colombia. He's head of Technology at Base Bahay Foundation inc., a Philippine-based organization supported by the Hilti Foundation. He is the director of the Base Innovation Center, a materials and structures laboratory for the development of sustainable alternatives for social housing. He is one of the authors of the Colombian Bamboo Structural Design Building Code NSR-10 and actively supported the development of the Peruvian and Ecuadorian Bamboo Structural Design Building Codes. Currently, He is part of the ISO Committee TC 165 (Timber and bamboo structures) representing Colombia, where he worked keenly in the update of the ISO 22156 "Bamboo structural design" standard, published in June 2021.

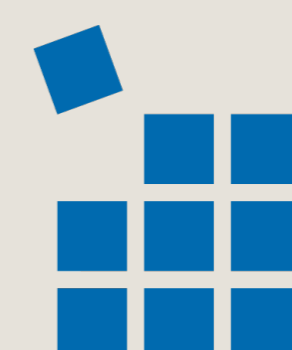
Base Bahay is a foundation that provides alternative building technologies to enable a network of partners to build quality socialized homes. Homes that are Comfortable, Affordable, Disaster Resilient, Ecologically Friendly, and with Social Impact. BASE develops technologies using locally grown and renewable materials to create housing envelopes and designs suited to the needs of local communities. To date, Base Bahay has built more than 1,200 Cement-Bamboo frame houses across the Philippines sheltering about 5,000 individuals in 12 communities and around 200 houses in Nepal.

Event Timing: January 26th, 2023 - 17:00h
Followed by Apéro around 18.30h
ETH Hönggerberg, HIL, F 10.3
Contact us at zedwin@ethz.ch

Please register at:
<https://forms.gle/K8cHvEeQpJFjnoH8A>



PROF. DR. G. HABERT
CHAIR FOR
SUSTAINABLE
CONSTRUCTION



Institut für
Bau- und Infrastruktur-
management