Biolab- Entusiastas de la Bioconstrucción · Air & Environment

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Country: Peru · Lima **Category:** Air & Environment **Impact Areas:** Mitigation, Adaptation, Nature-Based **Stage:** Prototype **Team Size:** 80 **Website:** https://www.instagram.com/laboratoriodebioconstruccion

Elevator Pitch

Carry out public space projects using eco-construction methods with natural, recycled materials such as soil, grass, and leaf litter, and create functional objects for the benefit of the community.

Climate Problem

Creating and recycling materials for use in green building to reduce the carbon footprint generated by the construction sector and the damage it causes to the environment

Solution

The use of sustainable building techniques drawn from traditional knowledge, such as adobe, quincha, and rammed earth, as well as sustainable foundations made from local fibers and soil. The lowest possible cost

Revenue Model

Through projects in green building and bioclimatic architecture. With support from UPN, my workplace.

Target Market

Individuals and organizations interested in environmental protection and urban forest restoration

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

Because sustainability is no longer a choice but a necessity in project design. And this is our second project that has been well received by the community.

Competitors

Architects specializing in sustainability and bioclimatic architecture. There are very few of them in Lima—no more than 20 professionals.

Founder Expertise

My team consists of my students from the UPN’s Environmental Construction 2 workshop. Each semester, a group of 26 students works with me on social responsibility projects. This semester, I am in charge of three classes, totaling 80 architecture students.

External Support

Donation of 40 bamboo poles to carry out social responsibility projects and support the beneficiary community.

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