

Scaling Global South Climate Solutions | Roof Over Our Heads (ROOH) Campaign - Global



Exploring the delivery of affordable, accessible, and scalable climate resilient housing for people living in informality.

Challenge

Over 2 billion people in informal settlements face severe climate risks due to inadequate and unsafe housing. With 92 percent of people in Asia, self-building, designing and financing their own homes, addressing this crisis requires scalable, affordable and locally led solutions that deliver climate-resilient housing to vulnerable communities. The ROOH campaign responds to this need by addressing the question: How can we deliver climate resilient, Robust, low-carbon and affordable homes to those living and working in informality through adaptable, locally led solutions.

Solution

The campaign entails the development of dwelling-level strategies through four aspects: Materials, design, Technique, and finance by leveraging the local construction ecosystem of a settlement (residents, laborers, masons, artisans, vendors, suppliers and manufacturers). The process emphasises the following:

- Incrementality
- Local availability, affordability and accessibility
- Individual savings over credit products
- Skill-building



Contact

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Impact

The campaign for ROOH is currently active in 10+ Countries across 3 continents (through 60+ learning labs) in the global south, where dwelling level solutions and interventions have been successful in addressing the challenges of heat, rain, cyclonic winds and composite weather patterns across 5 microclimatic zones (India) and many such contexts across other countries (Including those in the LAC region, South-East Asia etc.). Dwellings where solutions have been implemented have recorded improved living standards, reduced energy costs (through heat resilient interventions) and fewer maintenance cycles during the monsoons. Quantitative data collected from the demonstrations suggest that there is a reduction in average temperatures (from 1 to 2 degrees C), a reduction in maximum temperatures (from 4 to 7 degrees C) and dwellings in rain prone areas have experienced zero instances of water ingress.

Engagements in these settlements led by local actors have realized the theory of scalability under the campaign where demonstrated interventions are the primary catalyst of change. We call this the zone of influence. Across the settlements where demonstration work has been done, for every 1 dwelling intervention, 6 other families in proximity have come forward to adopt similar solutions by mobilizing savings and leveraging the skill building for local artisans that the demonstrations have facilitated. Within a period of 18 months, the work has been scaled up from 6 demonstrations across 3 cities in the country to 100+ resilient houses across various cities and settlements.

Partners

The campaign for ROOH engages with and has partners ranging across the following categories, all of whom constitute the larger network that drives it. These include but are not limited to:

1. Political leaders and State actors
2. NGOs/Civil Societies and philanthropist
3. Community groups and federations of people working and living informally, residents
4. Local construction actors such as contractors, artisans, markets and vendors
5. Mainstream construction industry and local industries
6. Research institutions, academic institutions and knowledge partners
7. Building construction and development institutions
8. The private sector

For more on implementing partners, key stakeholders and funders, please check: campaignforrooh.org/

