



## Roofs That Shield

Strong and stable homes create strong and stable communities.

At Nusaned, we focus on providing the basic human right for shelter so that individuals and families have the opportunity to have a place to live in that protects their health, nurtures their wellbeing and fosters an environment of security, stability and opportunity for self-development and economic growth.

### The Challenge

Hundreds of Lebanese communities live in housing conditions that are unsafe and unhealthy. Without secure entrance doors, electricity, running water or even in-house bathrooms, the health and livelihood of the most vulnerable, namely children, the elderly, the sick and those with special needs are compromised. Together, we can create stable home environments that in turn remove the burdens of hardship, danger, stress, fear and uncertainty for thousands of Lebanese families.

### Make a Difference!

It takes just \$4,000 to provide a Lebanese family in need with safe, decent, and affordable shelter. While this amount represents the average cost of rehabilitating a house, any contribution will have a long-lasting and life-changing effect on a family in need.

### Our Ambition

Beyond rehabilitating existing houses, we ultimately aim to design typologies as well as fund the construction of new houses and community spaces, by using sustainable building technologies and relying on principles of a circular economy. We aim to rehabilitate a total of 1,000 houses in eight Governorates: 300 in Akkar and across the North, 200 in Bekaa, Hermel and Baalbek, 200 in Nabatieh and across the South, 200 in Metn and Keserwan and 100 in Beirut.

### Where We Are

The program was initiated on January 15<sup>th</sup>, 2020, in 8 villages in Akkar: Bebnin, Berkayel, Bzal, Fnaydik, Hayzouk, Jdaydet, Karkaf, and Wadi Jamous.

Phase 1: January-March 2020, Phase 1: 34 houses *completed*

Phase 2: June-July 2020, 45 houses *under rehabilitation*

Phase 3: August-September 2020, 45 houses to be rehabilitated

Phase 4: October-December 2020, 45 houses to be rehabilitated



Phase 5: To be determined, 131 houses *awaiting funding*

## How We Support

In coordination with local and international NGOs, and municipalities, and taking into consideration local cultures and conditions, our Roofs That Shield program identifies houses in dire condition that need rehabilitation based on qualifying criteria.

Priority is given to:

- Houses owned and occupied by Lebanese nationals
- Households with a large number of children
- Households that include elderly, sick, special-needs and/or widowed people
- Households with no or minimal financial support

We collaborate with local NGOs and stakeholders to understand needs, identify target individuals and families, and create solutions, while also engaging homeowners in the decision making and rehabilitation processes. A needs-assessment is carried out by our volunteer social workers, and engineering & architecture teams. We aim to raise awareness on the importance of house rehabilitation and how it can improve the health and wellbeing of families, mitigate chronic diseases and injuries by providing water, sanitation and hygiene, improve indoor air quality, and reduce exposure to mold and lead poisoning as well as other hazards.

Using sustainable construction standards, we contribute to local economies by giving priority to local contractors, laborers, suppliers and retailers, and building local capacity in building trades, including health and safety issues.

Focusing on water and energy efficiency, safety and health, and material conservation, we prepare a detailed tender document covering cost, specifications and time estimates to include interventions, as deemed necessary. These affordable home repairs and improvements aim at reducing the home's monthly and life cycle costs as well as increasing efficiency and durability. These interventions aim to:

- Assess existing construction, and reinforce or replace structural elements, if necessary
- Treat water leakage and humidity, mainly in roofs
- Install a secure entrance door and internal privacy door(s) and replace openings with aluminum windows
- Renovate bathroom and kitchen
- Install new electrical and plumbing infrastructure
- Install new interior finishes for floor and walls



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- Implement public health safety measures, including disinfection and rodent proofing

Inviting local contractors, meeting pre-qualification criteria, to tender for the project, and follow bid review and contract award processes based on the highest professional standards of transparency and ethics

Supplying the household with basic home furniture to ensure livability of domestic space

We promote communal living and a healthy neighborhood environment for all. We do this by investing in rehabilitating or creating new shared indoor and outdoor community spaces, especially those related to youth and children, such as playgrounds, sports courts, local health clinics and dispensaries, and multi-purpose spaces to support training, workshops, and various community events.