



BETTER BUILDING IN WEST-AFRICA

THE FIRST LARGE-SCALE GREEN AFFORDABLE HOUSING SOLUTION IN THE SAHEL, ADAPTED TO CLIMATE CHANGE AND SOCIO-ECONOMIC REALITIES, ENABLING ECONOMIC DEVELOPMENT

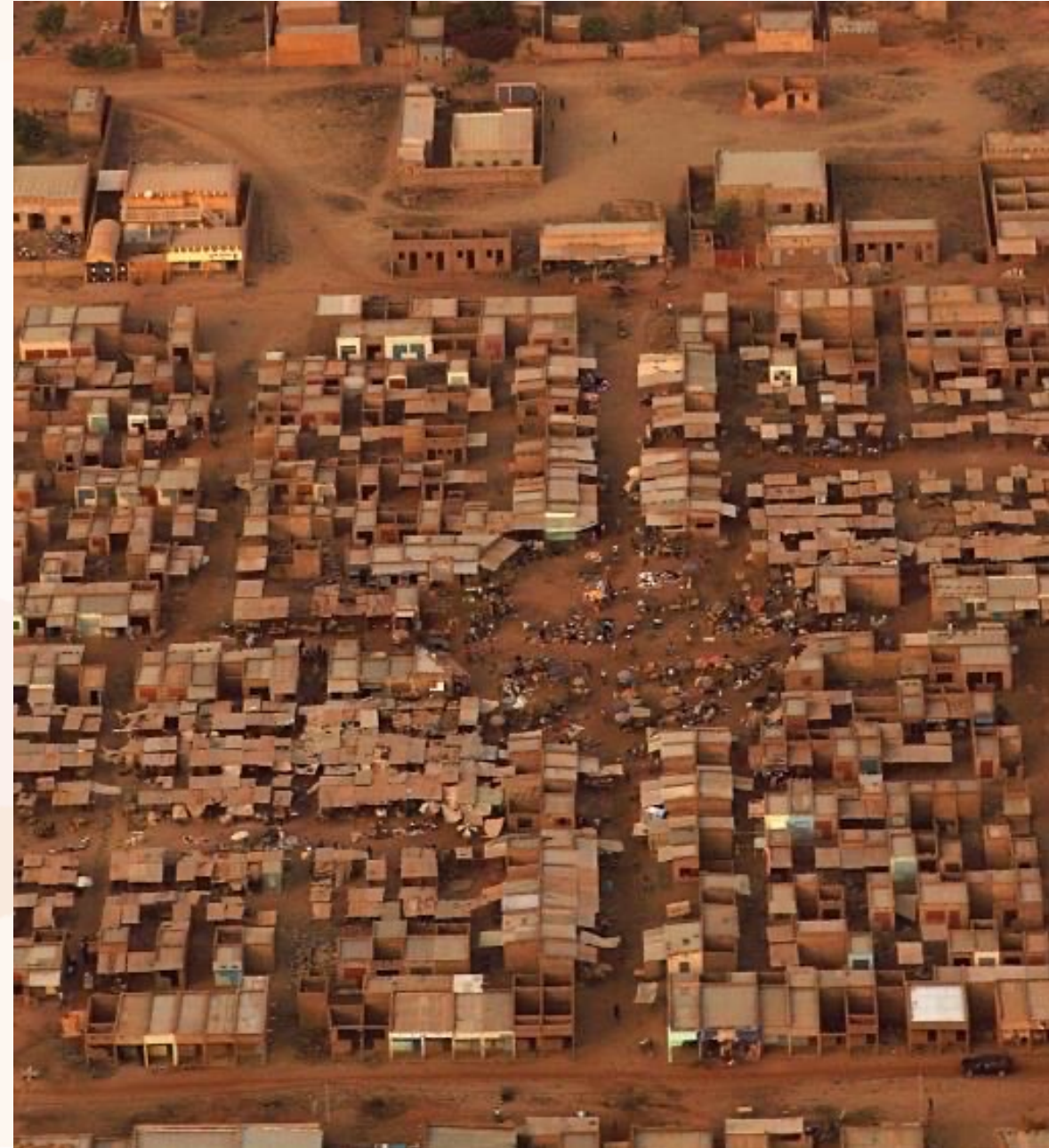
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The Sahel is considered to be the region which contributes the least to greenhouse gas emissions; however, it is amongst the world's regions most vulnerable to the effects of climate change.

giec

GRUPE D'EXPERTS INTERGOUVERNEMENTAL SUR l'évolution du climat

Today, the majority of the Sahelian population is living in precarious unhealthy tin-roof shacks while being at the forefront of climate change.



OUR MISSION



Decent housing for the many, as soon as possible,
adapted to climate change and socio-economic
realities in the Sahel.



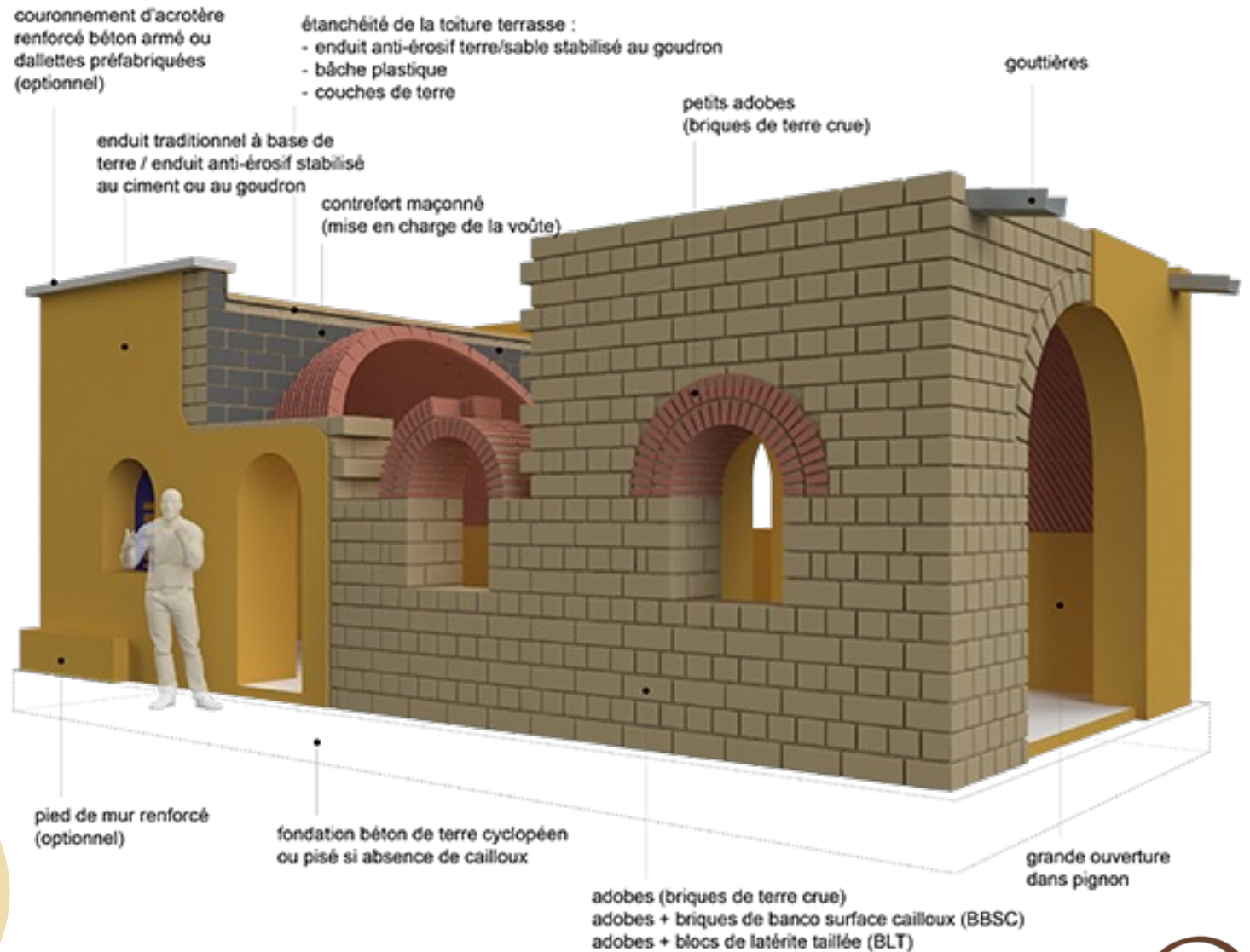
The Nubian Vault

a 3000 years architectural technique

- > Durable
- > Comfortable
- > Ecologically sustainable
- > Affordable
- > Adapted to local economy
- > Easy to replicate

+/- 7°C

Gain in
thermal
comfort









$\pm 7^{\circ}\text{C}$

Gain in
thermal
comfort



We build ~~houses~~ a market

« Market-based approach »



Support the offer

with the implementation, strengthening and diversification of technical and entrepreneurial **training for jobs in the NV construction sector** (apprentices, masons and artisans), in order to ensure an autonomous green professional sector



Support the demand

with sensitization to the NV architectural concept . Financial incentive are proposed to the rural core target clientele, while at the same time microfinance operators are encouraged to join together to sustainably develop new adapted housing loan products.

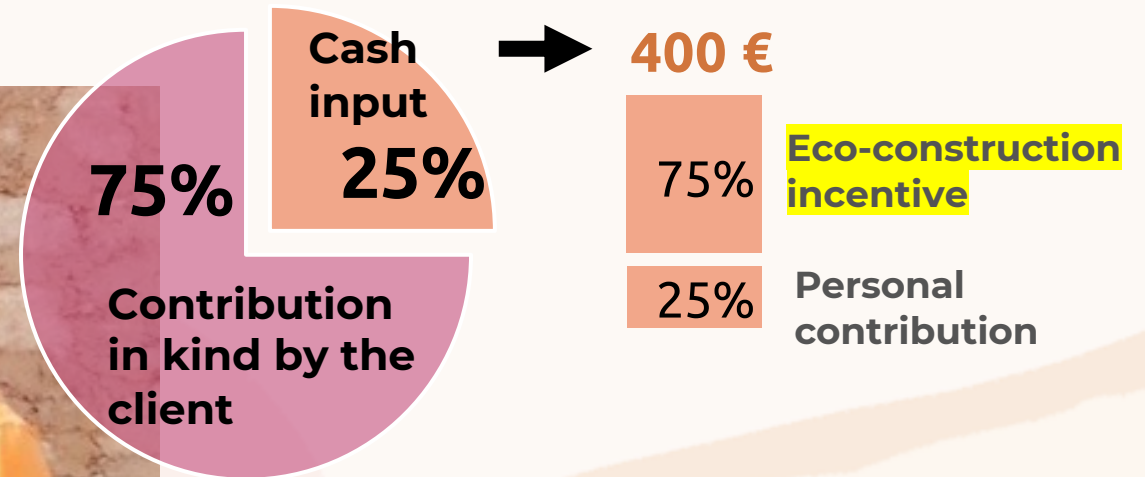


Support the business ecosystem

Mobilizing a various range of stakeholders (operational partners, relay partners including political actors, technical partners, financial partners), and advocating for the right to adapted housing in the Sahel to foster a supportive institutional context for the NV solution.

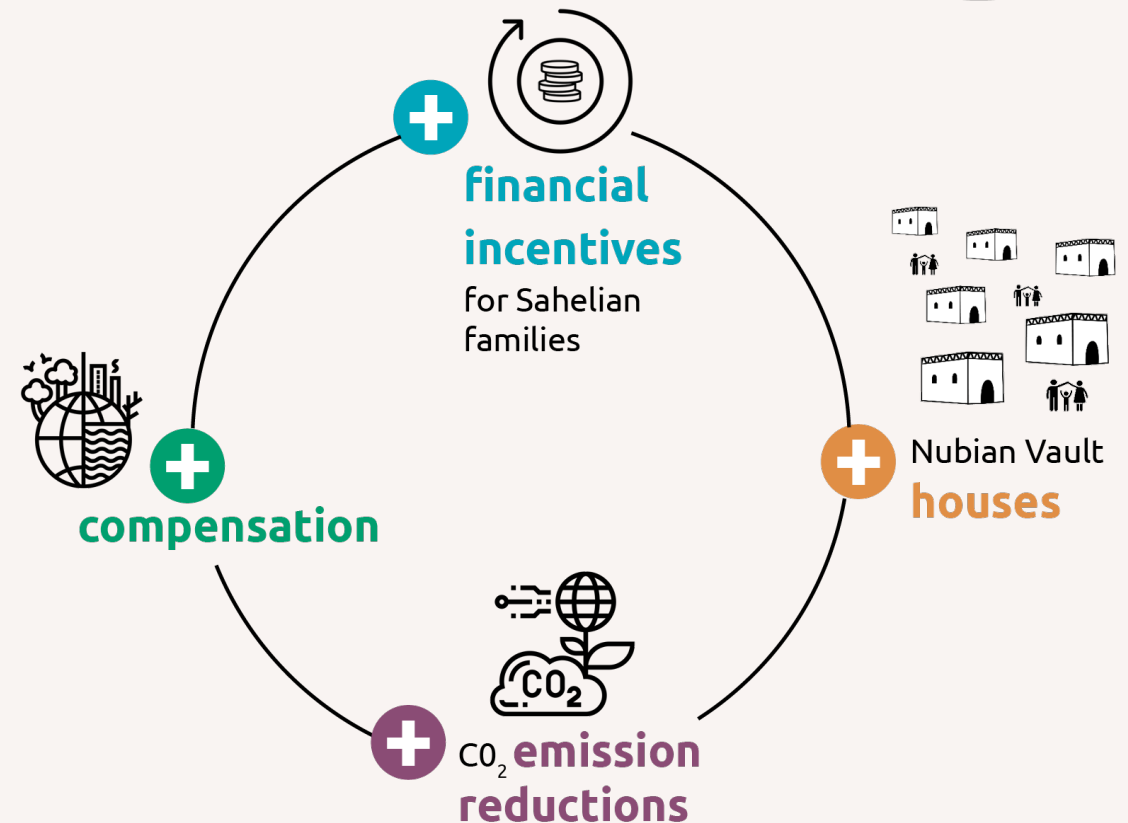


The main lever for developing the NV market : financial incentives for eco-construction



Carbon credits to fund these financial incentives

NV buildings have a **low carbon footprint** thanks to the materials used (raw earth) and their good thermal performance. Compared to the most common types of construction in the Sahel (using sheet metal or cement), **NV houses avoid CO₂ emissions, both during the construction and usage phases**, thus justifying the issuance of carbon credits.



The climate contribution that brings together under one roof both climate commitment and a better quality of life in Africa.



The climate contribution that contributes significantly to the professional future of young people.



The climate contribution
that delivers a wage at
the end of each month.





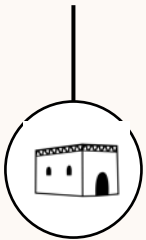
UN TOIT.
UN METIER.
UN MARCHÉ
La Voûte Nubienne



UNHCR
The UN Refugee Agency

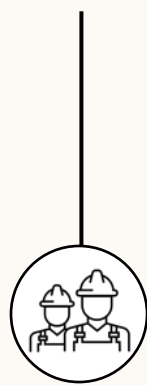
Solution for internally displaced persons (IDPs)

A systemic response promoting social cohesion and enabling green impacts in a nexus based approach



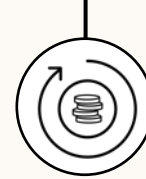
Adapted housing and sustainable construction

- NV houses for IDPs
- NV houses offered to host families -> social cohesion
- NV Community buildings for agriculture, education, health
- => Better life conditions +



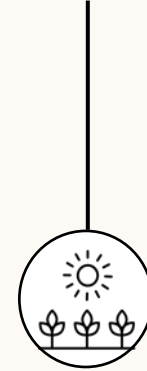
Vocational training and employment

- For IDPs and host communities
- Dual and inclusive training
- High intensity labour force approach
- Cash for work for women (earth coatings) and young rural without qualifications



Local economy reinforcement

- Construction costs reinjected in local economies
- off-season jobs
- Development of a sustainable eco-construction sector



Climate & Environment

- Mitigation - Low carbon eco-construction
- Preservation of timber resources (wood-free construction)