

Issues related to climate change, environmental protection and natural resource management are at the heart of contemporary global and local challenges. The Sahelian populations, which have hardly contributed to climate change, are nevertheless among the most impacted in the world. The construction and housing sectors, which represent between 25% and 30% of global emissions, are insufficiently targeted in "green" agendas and mechanisms in Africa. AVN's programme addresses these questions in a cross-cutting and systemic approach allowing the large-scale distribution of an eco-construction market, with proven and efficient solutions:

- Emergence and growth of a "green" eco-construction sector;
- Ability to respond to different clienteles in terms of suitable low-carbon construction;
- Establishment of a business environment favouring this emerging sector at the local, national and international levels;
- Adaptation and resilience of Sahelian populations to climate change;
- Mitigation of the construction sector's carbon footprint by reducing the use of high-impact imported materials (cement, steel), of increasingly scarce local materials (gravel, sand, timber) and the energy requirements of a comfortable habitat;

- Abolition of the use of local ligneous resources used in traditional construction and their replacement by widely available natural resources and local materials (lateritic soil, rocks, water).

AVN asks public authorities, donors and development operators working to adapt to climate change, mitigate GHG emissions and preserve the environment, to support the resources offered by AVN and/or include them in integrated development projects and programmes.



STRONG POINTS OF THE PROPOSAL

- ➔ **Widely recognized architectural solutions and large-scale deployment devices** (AVN is accredited by GABC, UN-CCD, UN-FCCC);
- ➔ **An approach linking adaptation and mitigation** in a virtuous iterative dynamic;
- ➔ **Financial incentive tools**, based on mitigation performance and compensation mechanisms allowing access to eco-construction for Sahelian families;

- ➔ **Exemplary systems for the large-scale dissemination of a "green" sector;**
- ➔ **Capacity to support public policies** in terms of environmental preservation, adaptation to climate change and implementation of their commitments in favour of sustainable development (INDC, SDGs, etc.).

EXAMPLES OF INSERTION IN INTEGRATED DEVELOPMENT SYSTEMS

- Rural development
- Vocational training and employment
- Climate adaptation and mitigation
- Water, sanitation and hygiene
- Peace and social cohesion
- Public policies
- Infrastructures

DOCUMENTATION



Results and impacts

The NV, a low-carbon housing solution

The Climate/Environment approach (FR)

Circular Strengthening of Mitigation and Adaptation