

AVN's Programme aims to meet the expectations of as many people as possible in Sahelian Africa (and elsewhere!) in terms of the evolution and adaptation of the construction and housing sectors. AVN relies on a low-carbon architectural concept offering technical qualities and appropriate thermal and economic performance, and on an innovative methodology for disseminating know-how already deployed in several Sahelian countries.

To meet the Climate Adaptation and Carbon Mitigation needs of new public or community construction projects, the emerging NV eco-construction sector supported by AVN can rely on a solid technical corpus and on experience acquired over more than 20 years on more than 7,000 worksites in six Sahelian countries.

AVN offers support to communities, partners, CBOs, women's groups, as well as public authorities, contracting authorities, donors and development operators, in the definition and implementation of their construction projects. This support can take the form of technical advice, drafting of ToRs for tender documents, project assistance, cost estimation, selection and monitoring of the various stakeholders, site control, etc.



STRONG POINTS OF THE PROPOSAL

- ➔ **Response to the growing needs for suitable and sustainable infrastructure** in rural and urban areas in different sectors (storage and agricultural processing, small livestock, crafts, trade, health, education, administration, technical buildings, etc.);
- ➔ **Integration of eco-construction proposals on large-scale projects** (activity zone, electrified artisanal zone, social housing, housing programme for IDPs, ecovillages, etc.);
- ➔ **Improvement of the thermal and hygrometric performances of the infrastructures**, improving the comfort of the users and strengthening their production capacities;
- ➔ **Reduction of structural work costs** and use of local materials in short circuits;
- ➔ **Reinjection of construction costs into regional economies** (transformation of purchase costs of imported materials into local labour costs);
- ➔ **Strengthening and diversification of players in the eco-construction sector** through their positioning on the formal market (community or public procurement);
- ➔ **Reinforcement of the diffusion of the NV market** by the exemplary nature of the built infrastructures.

EXAMPLES OF INSERTION IN INTEGRATED DEVELOPMENT SYSTEMS

- Rural development
- Vocational training and employment
- Climate adaptation and mitigation
- Water, sanitation and hygiene
- Gender
- Internally Displaced Populations response
- Support for entrepreneurship
- Peace and social cohesion
- Public policies
- Infrastructures
- Urban planning projects

DOCUMENTATION



Results and impacts

NV buildings for agriculture and livestock

NV buildings for education

NV buildings for health

Typology of NV buildings in Senegal (FR)

The NV, a solution for community buildings (film)