The diversity of approaches and impacts of AVN’s programme
The Diversity of Approaches and Impacts of AVN’s Programme

Habitat

Comfort, well-being, performance
- spatial quality
- durability of the buildings
- good value for money
- humidity regulation
- thermal and acoustic qualities
- healthier environment
- resistance to wind & rain
- variety of finishes
- compliant with modern building standards

Diversity of use
Housing:
- rural housing
- urban housing
- social housing
- re-housing & building programmes

Community Use:
- administrative / religious
- education / health

Production:
- offices / workshops, crop storage, livestock

Renewal of a Sahelian "archi-culture"
- local materials
- self-build & mutual aid
- labour-intensive
- multi-storey & roof terrace construction
- anti-erosion materials & exterior renders
- modular spaces, later extensions possible
- promotion / evolution of traditional skills

A proven & supported technical concept
- thousands of completed buildings
- standardised professional rules
- an operational technical expertise facility
The diversity of approaches and impacts of AVN’s programme

**Employment**

**A Holistic Approach to Professional Training**
- combined on-the-job and theoretical (technical, management, entrepreneurship...) training
- technical training tools & supports adapted to rural beneficiaries & those with little or no schooling

**Mobilisation & Reinforcement of Trainers**
- a network of NV trainer masons
- new opportunities offered to development & cooperation agencies
- evolution of the curricula of Professional Training Centres

**The Growth of an Adapted Construction Sector: From Brick-maker to Architect**
- personalisation & support of professional career development
- development of out-of-season skills for rural masons
- jobs for vulnerable people (e.g. young men with little or no schooling)
- specific programmes for construction technicians
- new "products" for artisans & businesses in the construction sector
THE DIVERSITY OF APPROACHES AND IMPACTS OF AVN’S PROGRAMME

**ECONOMY**

**COMPLEMENTARY FINANCIAL MEASURES**
- "adapted habitat" financial incentives for rural NV clients
- use of Climate (Adaptation & Attenuation) funds
- "adapted habitat" micro-finance products

**ECONOMIC REINFORCEMENT**
- agricultural & familial
- local & national
- informal & formal

**VECTEURS OF MARKET EVOLUTION**
- short production circuits
- reduced use of imported materials
- increased proportion of labour costs
- reduction of energy costs for thermal comfort

**ADDED VALUE FOR NV CLIENTS & CONTRACTORS**
- stimulation of virtuous economic circles
- strengthening of professional training
- environmental & climatic impacts
- exemplarity of the buildings
The diversity of approaches and impacts of AVN’s programme

**Adaptation to Climate Change, Resilience, Environment**
- "adapted habitat" sector and green jobs
- comfortable, resistant & durable buildings

**Carbon Attenuation & Greenhouse Gases**
- reduction (manufacture, transport) of imports (cement, steel, roofing sheets, beams) & high footprint sands & gravel
- passive thermal performance of NV construction & low carbon impact of the buildings’ life cycle (grey energy)

**Public Policies**
- use of Climate funds: Green Fund, Adaptation Fund, GEF ...
- meets results expected from regional & national development plans

**Environment**
- control & management of local materials (rocks, earth, water)
- protection of timber & straw resources used traditionally

**Mitigation**

**Adaptation**
The diversity of approaches and impacts of AVN’s programme

**Stakeholders**

**Political Decision-makers**
- local, national & international advocacy for adaptation of the construction sector & the range of potential impacts
- support for the introduction of “adaptation of the construction sector” elements in local & national development plans

**Sponsors & Contractors**
- presentations & proposals to sponsors
- putting contractors & NV artisans & entrepreneurs in contact

**Civil Society**
- mobilisation of farmers’ & womens’ groups (OCB, OP, Coop)
- emergence of the right to adapted housing promoted by leaders in the Sahel

**Development & Cooperation Actors (local to international)**
- awareness raising & mobilisation
- transfer to operational partners of methodologies for deployment of the NV market (offer & demand) & their follow-up & support