DYNAMICS OF THE PROGRAMME OF THE NUBIAN VAULT ASSOCIATION (AVN)

ADAPTATION OF THE CONSTRUCTION SECTOR IN THE SAHEL
A major challenge!

THE NUBIAN VAULT (NV)
TECHNICAL CONCEPT
A robust and adapted African architectural alternative

THE PROGRAMME OF AVN
AND ITS PARTNERS
The urgent need for scaling up

IMPLEMENTATION OF THE NV MARKET
An adapted methodological response

FINANCIAL MECHANISMS
(CLIMATE, PROFESSIONAL TRAINING ETC.)
Levers for scaling up

THE NV MARKET
A vector of dynamic large-scale promotion
THEORY OF CHANGE - THE NUBIAN VAULT ASSOCIATION (AVN)

IMPROVE
Sustainable Construction Sector - Jobs - Better Housing - Health - Climate Change Adaptation and Mitigation - Local Economies

OBJECTIVE
A SIGNIFICANT, INTEGRATED, INCREASING AND HIGH-GROWTH SAHELIAN GREEN CONSTRUCTION MARKET

NUBIAN VAULT MARKET
Informal/Formal - Rural/Urban - Private/Community
including Self-build - Social Housing - Emergency Housing - Public Buildings

SUPPLY
- Formalization
- Pooling
- Lifelong Training
- Dual Vocational Training
- Mobilizing Trainees
- Training Trainers

DEMAND
- Institutionalization
- Normalization
- Advocacy
- Technical Expertise
- Development of a business environment
- Grassroots Deployment
- Credit Tools
- Project Management Assistance
- Public Markets and Social Housing
- Adaptation Mitigation Mechanism
- Financial Incentives for NV customers
- Awareness Raising and Information

NEEDS
Sustainable Construction Sector - Jobs - Better Housing - Health - Climate Change Adaptation and Mitigation - Local Economies

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More Job Opportunities for NV Artisan Masons

Growth of On-site Capacities and Active NV Artisan Masons

Marketing Tools for NV Artisan Masons

Financial Incentives for NV Construction for Private Clients in Rural Areas

Exponential Market Growth

growth hypothesis of the NV market of 50% and more

Strengthening the Capacity to Mobilize Cash for Rural Customers

Increased Exemplarity of Nubian Vault Constructions

Growth of the Green Building Sector

Increasing the Employability of Rural Youth

Strengthening Rural Economies

Multiplication of Climate Change Mitigation and Adaptation Impacts
Circular Strengthening of Mitigation and Adaptation

Adaptation

Growth of an adapted construction sector

Carbon compensation

Results and impacts

Mitigation

Growth of an adapted construction sector

Carbon compensation financing

Results and impacts

Financial incentives for bioclimatic eco-construction

Exponential growth in demand

Hypothesis of a 50%+ growth in the NV market

- Climate resilience
- Local socio-economic development
- Comfort and well being
- Local jobs (green sector)

- Reduction in use of imported construction materials with high carbon footprints (cement, metal roofing sheets, timber, steel, transport...)
- Reduced energy consumption (electricity) for cooling and heating
- Elimination of use of local timber and straw
Financial incentives for NV construction offered to rural clients

Multiplication of attenuation impacts
Attenuation: Finance from carbon emissions offsetting

Multiplication of adaptation impacts
Adaptation: Finance of resilience to climate change

Exponential increase in demand
Hypothesis of a 50%+ increase in the NV market