

Small Ruminant Containment in Protective Sheds

Secure Shelters, Thriving Flocks



Small Ruminant Containment in Protective Sheds is a cost-effective technology providing essential shelter for goats and sheep. Constructed from local materials, these sheds protect livestock from predators, weather, and diseases, while ensuring ventilation, drainage, and feeding facilities. They contribute to animal health, productivity, waste management, and biosecurity, offering an affordabl...



This technology is **TAAT1 validated**.

7.6



Scaling readiness: idea maturity 7/9; level of use 6/9

Gender assessment

4

Climate impact

7

Problem

- **Security:** Risk of predator attacks and theft.
- **Basic Needs:** Difficulty in finding food and shelter.
- **Health:** Risk of disease transmission.
- **Cost:** High expense of building shelters.

Solution

- **Safety & Health:** Protects livestock from predators and diseases.
- **Environment:** Shields from weather and manages waste.
- **Biosecurity:** Reduces disease transmission.
- **Affordability:** Cost-effective and adaptable for small-scale farmers.

Key points to design your project

Small Ruminant Containment in Protective Sheds is a technology that positively impacts gender equality, climate, and contributes to SDGs. It provides an affordable livestock management method, mitigates climate change effects, and contributes to SDGs 1, 2, 13, and 15.

For project managers aiming to promote this technology among breeders, the approach includes:

- **Awareness Campaigns:** Educate breeders about the technology's benefits.
- **Training Programs:** Train breeders on shed construction and maintenance.
- **Demonstration Sites:** Show the technology in action.
- **Compatible Technologies:** Promote integration with other livestock management practices.
- **Key Partners:** Collaborate with local artisans and agricultural organizations.

This approach ensures successful technology adoption, leading to improved livestock management and productivity.

Cost: \$\$\$

2,000 USD

Building construction

12,000 USD

Benefit in a year



Open source / open access

ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

**International Livestock
Research Institute (ILRI)**
Adeniyi Adediran

Technology from

ProPAS

Commodities

Small livestock

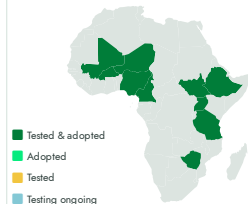
Sustainable Development Goals



Categories

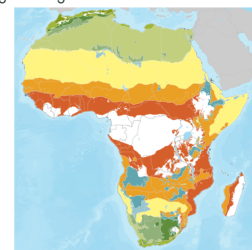
Production, Equipment, Production System

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Breeders



Small Ruminant Containment in Protective Sheds

<https://taat.africa/gyp>

Last updated on 2 October 2024, printed on 15 May 2025

Enquiries e-catalogs@taat.africa