

# Small Ruminant Containment in Protective Sheds

Secure Shelters, Thriving Flocks



Open and protective containment of goats and sheep

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**.



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

Cost: \$\$\$ **2,000 USD**

Building construction

**12,000 USD**

Benefit in a year



Open source / open access

## 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 business plan

For breeders to implement Small Ruminant Containment in Protective Sheds, they need:

1. **Materials:** Local materials like timber, bamboo, or lumber off-cuts, and wire and fencing.
2. **Troughs:** Wooden, metal or plastic feed and water troughs.
3. **Construction Skills:** Knowledge of building a well-drained, ventilated shed with feed and water troughs.
4. **Space Planning:** Separate space for adults and young ones.
5. **Maintenance Skills:** Regular checks and maintenance of the shed.
6. **Cost:** A suitable shed can be built for as low as US \$200. More elaborate structures can cost up to US \$2,000.

Guidance from local agricultural extension services and livestock management organizations is recommended.

Gender assessment



Climate impact



**ILRI**  
INTERNATIONAL  
LIVESTOCK RESEARCH  
INSTITUTE

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

Technology from

[ProPAS](#)

Commodities

Small livestock

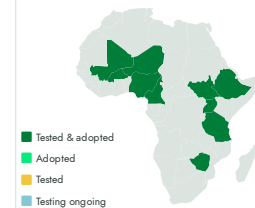
Sustainable Development Goals



Categories

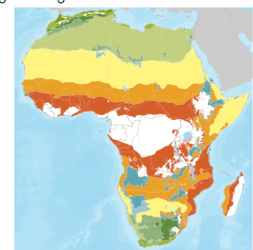
Production, Equipment, Production System

Tested/adopted in



Where it can be used

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



Target groups

Breeders



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<https://taat.africa/lfw>

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