

Small Ruminant Containment in Protective Sheds

Secure Shelters, Thriving Flocks



Open-sided 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 affordable and adaptable solution for small-scale farmers.

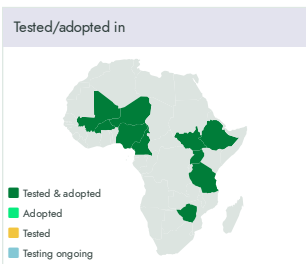
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Technology from
ProPAS

Commodities
Small livestock

Sustainable Development Goals

Categories
Production, Equipment, Production System



Where it can be used

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

Target groups
Breeders

This technology is **TAAT1 validated**.
 7x6
 Scaling readiness: idea maturity 7/9; level of use 6/9

Project adoption **1**
Technology integrated in the ENSURE project.

Inclusion 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 program

Protective Housing for Small Ruminants provides safe and controlled shelters that reduce losses from predators, theft, disease, and harsh weather while improving animal health, welfare, and productivity. Suitable for livestock development, climate resilience, and rural livelihood programmes, the technology contributes to SDGs 1 (No Poverty), 2 (Zero Hunger), 8 (Decent Work and Economic Growth), and 13 (Climate Action), while improving livestock performance and strengthening the resilience of smallholder farming systems. To successfully integrate this technology, consider the following key actions:

- Identify vulnerable livestock production areas where poor housing limits animal survival and productivity.
- Establish partnerships to strengthen animal welfare, biosecurity, and appropriate shelter construction.
- Invest in protective housing, feeding and watering facilities, and strengthen farmer capacity on housing management, hygiene, and disease prevention.
- Monitor animal health, mortality, herd productivity, adoption of improved housing practices, and programme outcomes.

12,000 usd
Benefit in a year

IP
Open source / open access

