

Low-Cost Cage and Free-Range Containment

Safeguarding Chickens and reducing Costs



The technology is a movable chicken house that lets chickens roam freely during the day and return to safety at night. It's affordable, easy to move, and made from basic materials. Proper maintenance and predator protection are essential for its effectiveness, making it a practical solution for chicken farming.

This technology is **TAAT1 validated**.

8·9 Scaling readiness: idea maturity 8/9; level of use 9/9

Gender assessment **4**

Climate impact **5**

Problem

- Many small farmers can't afford expensive chicken houses.
- Chickens are sometimes kept in crowded and uncomfortable spaces.
- Predators and bad weather can harm chickens.
- Farmers want to meet the demand for free-range and organic chickens.
- Pests and diseases build up in one spot if chickens stay in the same place for too long.

Solution

- Affordable movable houses for chickens.
- Gives chickens space to roam and find their own food.
- Keeps chickens safe from predators and bad weather.
- Good for the environment and the farm.
- Easy to clean and take care of.

Key points to design your project

- Affordable poultry housing solutions empower smallholder farmers for commercial production and aid poverty alleviation.
- Boosts food security with organically raised poultry.
- Supports economic growth through job creation.
- Promotes sustainable farming practices by reducing environmental impact and advocating for organic production.

Steps to incorporate the technology:

- Secure access to suitable land for free-range poultry production.
- Conduct market assessment to evaluate demand and profitability.
- Allocate resources for comprehensive training and support.
- Collaborate with agricultural institutions.
- Explore integration with complementary technologies like Biosecurity for Disease Prevention.

Cost: **350 USD**

Initial cost to raise 150 to 200 chickens

ROI: **50 %**

Benefit from selling birds

2.0—2.5 Kg

Weight of mature meat chickens in 6 weeks

20 m²

floor space for 100 birds.



Open source / open access

ILRI
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Technology originally documented by

[ProPAS](#)

Commodities

Poultry

Sustainable Development Goals



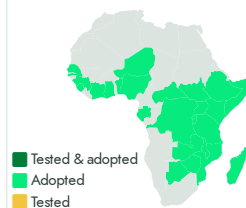
Categories

Production, Equipment, Production System

Best used with

- [Biosecurity for Disease Prevention](#)

Tested/adopted in



Where it can be used

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

