

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**.



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

Cost: **\$350 USD**

Initial cost to raise 150 to 200 chickens

2.0–2.5 Kg

Weight of mature meat chickens in 6 weeks

20 m²

floor space for 100 birds.

ROI: **50 %**

Benefit from selling birds



Open source / open access

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 business plan

- The Low-Cost Cage and Free-Range Containment technology enables affordable and sustainable poultry farming practices.
- It empowers smallholder farmers for commercial production while promoting environmental conservation and organic poultry production.
- An estimated US \$350 can raise 150 to 200 chickens under a free-run system, providing a cost-effective investment opportunity.
- The technology is accessible across multiple countries through agricultural extension services, research institutions, and local farming communities.
- Integration with complementary technologies like Biosecurity for Disease Prevention further enhances operational efficiency.

Gender assessment



Climate impact



ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

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

Technology from

[ProPAS](#)

Commodities

Poultry

Sustainable Development Goals



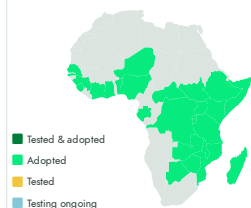
Categories

Production, Equipment, Production System

Best used with

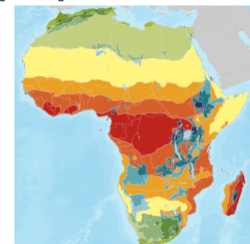
- [Biosecurity for Disease Prevention](#)

Tested/adopted in



Where it can be used

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



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<https://taat.africa/yjg>

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