



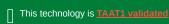
# Affordable Fish Feed Production: Formulation and Pelleting of Low-Cost Feeds





Empowering Aquaculture with Affordable Feeds

The technology "Formulation and Pelleting of Low-Cost Feeds" aims to reduce the cost of fish feeds in Sub-Saharan Africa, where fish farms spend about 60-70% of their budget on imported feed. It promotes the use of local resources to produce quality, cost-effective and balanced fish feeds. This innovation could enhance the profitability and sustainability of fish farming...











Commodities

Fish

Categories

Production, Inputs, Fertilizer

## **Problem**

- · Fish farming in Sub-Saharan Africa is costly due to expensive feeds.
- A large part of the cost is for imported feed ingredients.
- Simple, unprocessed grains used in feeds lead to poor nutrient transfer and pollution.
- · High costs and inefficiencies limit the profitability of fish farming.

#### Solution

Cost: \$\$\$ 1,200 USD Production of 1 ton 85,000 USD

Equipment of production

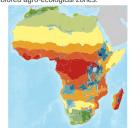
- · The technology makes affordable fish feeds using local products.
- · Pelleted feeds improve nutrient transfer and reduce pollution.
- · Pellets are easier to store and transport, reducing costs.
- The technology allows feed customization for different fish species.

### Tested/adopted in



Where it can be used

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



Target groups

Breeders

## Key points to design your business plan

For Manufacturers: The technology enables the production of affordable fish feeds, reducing reliance on imported ingredients. The main costs involve raw ingredients, equipment, and marketing.

For Resellers: Resellers distribute the manufactured feeds to a wide customer base. Their main costs involve purchasing feeds, storage, transportation, and marketing.

For Users (Fish Farmers): Users gain access to affordable, nutritionally balanced fish feeds, improving profitability. Their main costs involve purchasing feeds and operational costs associated with fish farming.

Gender assessment



Climate impact



