

AQUACULTURE TECHNICAL, VOCATIONAL AND ENTREPRENEURSHIP TRAINING FOR IMPROVED PRIVATE SECTOR AND SMALLHOLDER SKILLS PROJECT (AQ TEVET)

- Led by **WorldFish** and funded by **Norad**
- 3-year** project from **2018 to 2021**
- Implemented in 3 target provinces: **Lusaka, Northern and Luapula**

Aquaculture Value Chain Development Goal

Increase the human resources working for the private sector and the number of smallholder commercial fish farmers with enhanced aquaculture knowledge and up-to-date practical skills to help sustainably grow the sector and make it more inclusive.

Project Objective

Develop the aquaculture knowledge and practical skills of students and smallholder commercial fish farmers (especially women and female youth) participating in technical education, vocational and entrepreneurship training to enable them to find gainful employment in the private sector.



Project supporting national and global initiatives

- Zambia 7th National Development Plan (7NDP)
- Zambia Aquaculture Enterprise Development (ZAED) Project
- UNESCO strategy for technical and vocational education and training (TVET) (2016–2021)
- Sustainable Development Goals



Project Component 1

Upgrading the fisheries science curriculum and training tools and developing an online training platform and internship program at the **Natural Resources Development College (NRDC)** and scale to other **TEVET** institutes over the course of the project.

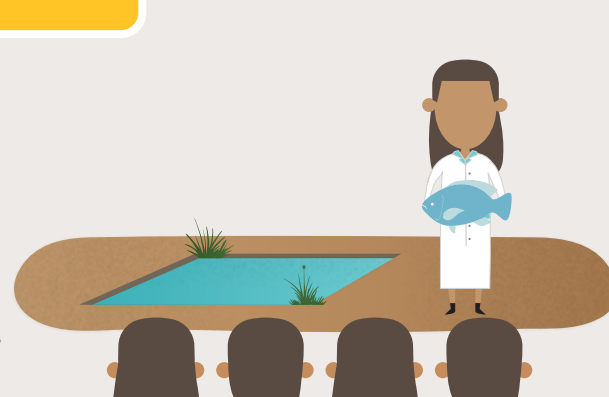
Model: Component 1



Enhance students' aquaculture knowledge base

Students' knowledge enhanced at NRDC through **upgraded training package** (curriculum, training tools, online training platform)

Training package scaled to other TEVET institutes



Enhance students' aquaculture practical skills

Students' practical skills developed at **newly constructed aquaculture training center at NRDC** and through internship program



Students graduate

More students apply to NRDC

Find employment within the private sector

Set up own aquaculture-related businesses



Rates of un-employment reduced among fisheries science graduates

- Improved aquaculture TEVET** training system in Zambia, able to **develop skills and knowledge** relevant to the needs of the private sector
- Institutes produce graduates with **up to-date knowledge and skills**
- More women and female youth** with up-to-date knowledge and skills in fisheries and aquaculture in the labor market
- Reduced rates of unemployment** among fisheries science graduates



Aquaculture value chain development goal

Increase the number of people working for the private sector with enhanced aquaculture knowledge and up-to-date practical skills to help sustainably grow the sector and make it more inclusive.

Project Component 2

Enhancing the **technical education, vocational and entrepreneurship skills** of rural women, men and youth smallholder commercial fish farmers and **increasing their linkages to input/output markets and entrepreneurship opportunities** via private sector extension support and services delivery.

Model: Component 2



Assess market actors interested in supporting the development of the smallholder sector



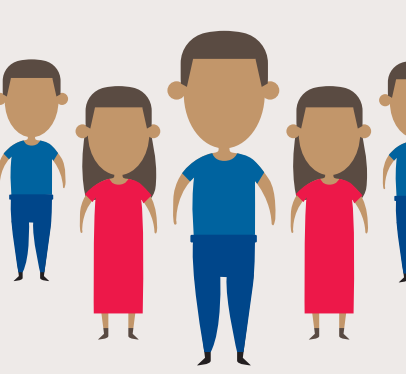
Conduct market research on smallholder fish farmer population census and geospatial analysis and mapping



Support private sector actors in reducing initial costs and investment risks by delivering an evidence base and other incentives to inform and target investment



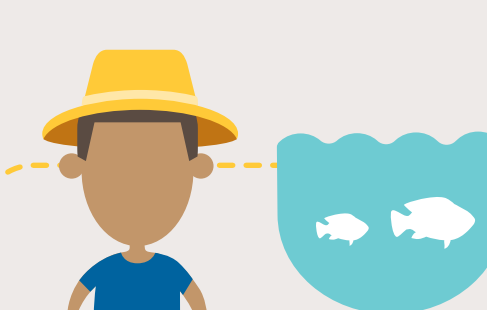
Support private sector to identify and work with commercially oriented fish farmers



Increase the capacity of private sector actors to deliver outreach, training and extension services (via better management practices and training tools)



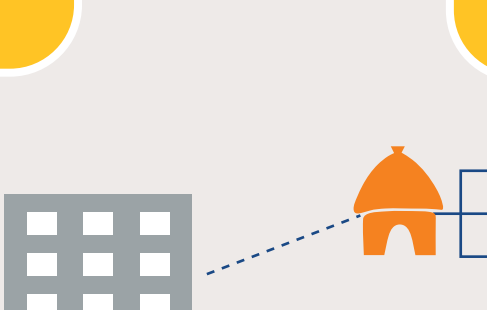
Support private sector to identify lead farmers to spearhead aquaculture development activities with fish farmers



Private sector conducts technology demonstration and testing with fish farmers

Develop capacity of supply chain 'intermediaries' e.g. agro-dealers, traders

Organization and coordination of fish farmers for input supply, TEVET, aggregation and output markets



Private sector supplies fish farmers with inputs, TEVET and links to output markets

- Improved linkages** between the private sector and smallholder fish farmers
- Increased market size and opportunities** for private sector products and services
- Improved smallholder technical knowledge, skills** and access to inputs and output markets
- Improved smallholder **productivity and profitability**



Aquaculture value chain development goal

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