



# WorldFish Support to Southern Africa: Aquatic Animal Health

Compiled by Rose K. Basiita and Tom Malambo

Launch of the Regional Aquatic Animal Health Network  
for Southern Africa (RAAHN-SA)

25-27<sup>th</sup> July 2023



# Introduction

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- WorldFish and partners have been involved in several initiatives in the region in regard to Aquatic Animal Health
- Including fish products -food safety, surveillance, biosecurity and disease screening (GIPs in the region – for 2 key diseases of interest to the region)
- Capacity building and training in aquatic animal health
- Fish products development – Nutrition (Women and Children)
- Why? – impacts trade and fisheries policy – initial information was used to support the government of Zambia in the development of AAHS

# WorldFish support through .....

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- FishTrade- a project which was funded by the European Union (EU)
  - looked at how fish and fisheries products cross the borders and what aquatic animal health measures are present at the borders to facilitate a bio-secure fish trade.
- Findings indicated porous borders with no fish health staff assigned at the boarder posts
  - recommended training of available border staff- picked up by Govt and done under ZAEDP

# WorldFish support through .....

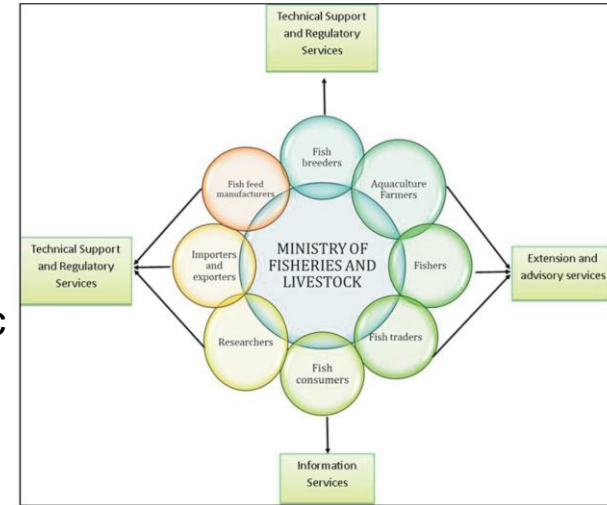
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- FISH CRP- Built on earlier work- Research done with the DoF, DVS, UNZA - a quick surveillance in hatcheries across the country
  - indicated a negative - Tilapia Lake Virus
- Previous work had already established presence of EUS in the wild.
- All work was important for the support to Govt in the development of the AAHS for Zambia

# The National Aquatic Animal Health Strategy and Implementation Plan

This strategy was led by the Ministry of Fisheries and Livestock – working with partners. (launched in May 2021)

- The National Aquatic Animal Health Strategy (NAAHS) consists of five strategies
- Implementation Plan (2021 – 2024) to actualize the five strategic objectives.
- Objective 1: **Enhance Aquatic Animal Health Management**
- Objective 2: **Enhance AAH Research and Development**
- Objective 3: **Enhance collaboration with stakeholders**
- Objective 4: **Improve the AAH Institutional capacity**
- Objective 5: **Operationalize AAH Laboratories and support services**



# WorldFish support through .....

- The Zambia Aquaculture Enterprise Development Project(ZAEDP)-FAO, DVS, DoF, UNZA –Vet – research and development
- Fish (broodfish- GIP) screening and biosecurity measures – focus on hatcheries



• <https://digitalarchive.worldfishcenter.org/bitstream/handle/20.500.12348/5332/33c1c9edb671d39a1ab53c4319416161.pdf?sequence2>

# Capacity building - Trainings in Aquatic Animal Health-NORAD funded project

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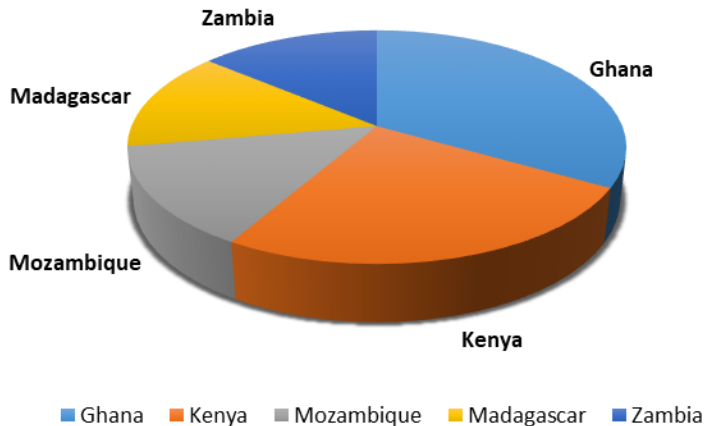
Under the Increased Sustainability in the Aquaculture Sector in SSA through Improved Aquatic Animal Health Management project

- A number of countries have been trained in sustainable aquatic animal health, including Ghana, Kenya, Malawi, Mozambique and Zambia.
- Targeting veterinary scientists and other experts involved in aquatic animal health (DVSs and DoFs)
- Two training have been scheduled per year – last year 3 were run.

<https://worldfishcenter.org/project/increased-sustainability-aquaculture-sector-sub-saharan-africa-through-improved-aquatic>

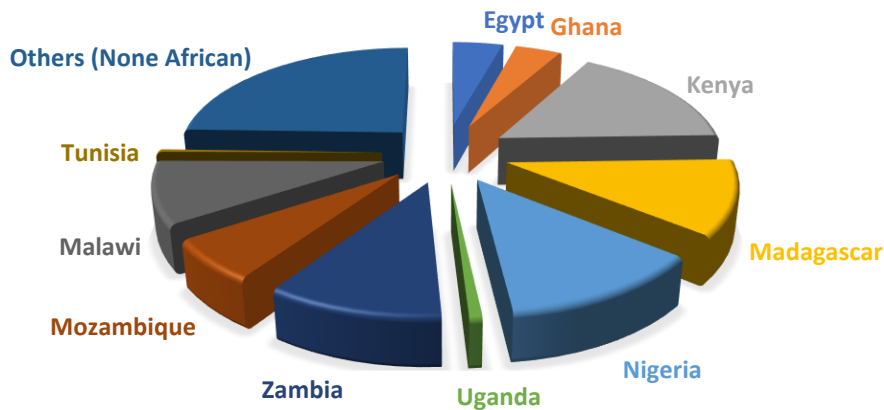


# Aquatic Animal Health – Key Activities (Physical training at FAIH/ Egypt)

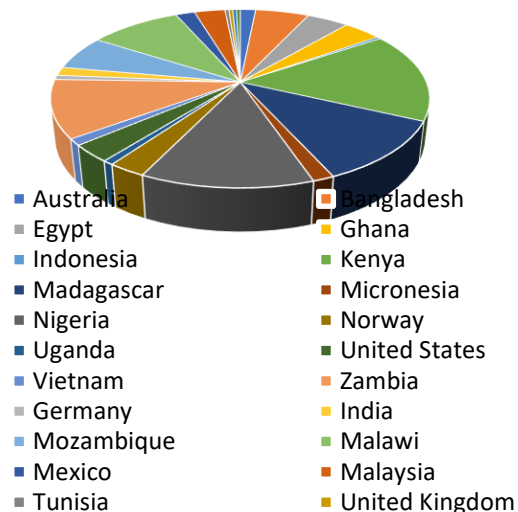




# Aquatic Animal Health – Key Activities (Online courses)



African countries benefited from LEARN.INK courses in relation to the other Continents of the World.



Number of participants joined LEARN.INK courses per country

# Program for Improving Fisheries Governance and Blue Economy Trade Corridors in SADC Region (PROFISHBLUE)

Funded by AFDB, SADC has sought our support to implement 2 major components of the PROFISHBLUE

**Component I:** Improving collaborative governance of transboundary fisheries and genetic resources

- Promote genetic improvement and aquaculture programs/regional hatchery support and training and research
- Develop digital fisheries information systems (DFIS)

**Component II:** Policy harmonization and trade facilitation towards intra-regional trade.



# Team efforts

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## **Collaborators**

Dr Mwansa Songe (DVS)

Dr Kunda Ndashe (Private sector)

Prof. Hangombe (UNZA)

## **Colleagues (WorldFish)**

Dr Mohan Chadag (Principal Scientist and WorldFish Aquatic animal health lead- HQ)

Dr Shiima Ali (Scientist-Aquatic animal health, WorldFish Egypt)

Dr Jerome Delamare (Scientist-Aquatic animal health, WorldFish HQ)

Dr Siamudaala Victor (Director Zambia and Southern Africa)

Mr. Tom Malambo (Research Assistant -



Thank You

