



World Organisation  
for Animal Health



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

25 – 27 July 2023 Lusaka, Zambia



ROYD MUKONDA  
PRIVATE PLAYERS PRACTITIONER  
MUKASA AGROSOLUTIONS AND FISH FARM







# A CASE FOR THE FISH FARMERS

- There has been a network across Southern Africa including DRC, Angola, Malawi, Botswana, Zimbabwe and Namibia for fingerlings, table size and feed supply from Zambia.
- Zambia plays the role of a demonstrator for new technologies in aquaculture under Worldfish (Technologies for African Agricultural Transformation) TAAT project.
- Majority of the farmers grow tilapia and Catfish.
- There is a lot of regional trade between neighboring countries.



# DISEASES FACED

- Gas bubble disease
- Fungal infection with notable one being saprolegnia.
- Bacterial infections.
- Stress related infections resulting from poor handling



# DISEASES FACED





# GAS BUBBLE DISEASE





# OPPORTUNITY IN CAPACITY BUILDING PROGRAMS





# SUCCESSSES RECORDED

- Training in fish health by FAO and ZAEDP Project.
- Farmers are able to notice that fish is unwell and describe clinical signs.
- Extension officers have received training in basic fish diseases.
- There is increased access to resource materials now due to increased number of AAH experts in the ministry.
- We have a number On-farm disease identification and treatment tools being developed for common bacteria and fungal infections.



# CHALLENGES

- Language barrier to most farmers in rural areas.
- Limited laboratory facilities.
- Need for fish Species cycle stock health programme for both hatchery and grow-out units which will allow farmers do things on their own and only call experts to come and carry out specialist tasks.
- Lack of sensitisation programs on the media to create awareness on fish health.
- No feedback is given to the participating farm in case of research conducted on the premises.
- Lack of biosecurity in majority farms





# THANK YOU

