



World Organisation
for Animal Health



Training of National Focal Points for Aquatic Animal Health (Cycle IV)

2 - 4 October 2023 Kigali, Rwanda



Animal Health Strategic Plan
Context of Rwanda



Introduction

Rwanda area: 26,338 km² a population of 13 Million as of 2022 Census;

6-10% is occupied by water that have contributed to a production of **46,495 MT** during the year **2022/2023** with **39,213 MT** from fishing and **7,282MT** from the Aquaculture (15%).

Sector (Aquaculture & Capture fisheries) contribution to economic development is still minimal (<1%)

Aquaculture was introduced in the 1940s and expected to grow from 7282 MT to 80,000MT by 2035.



Sector Actors

15 Fish Hatcheries

74 cooperatives with
3,842 members are
involved in fishing

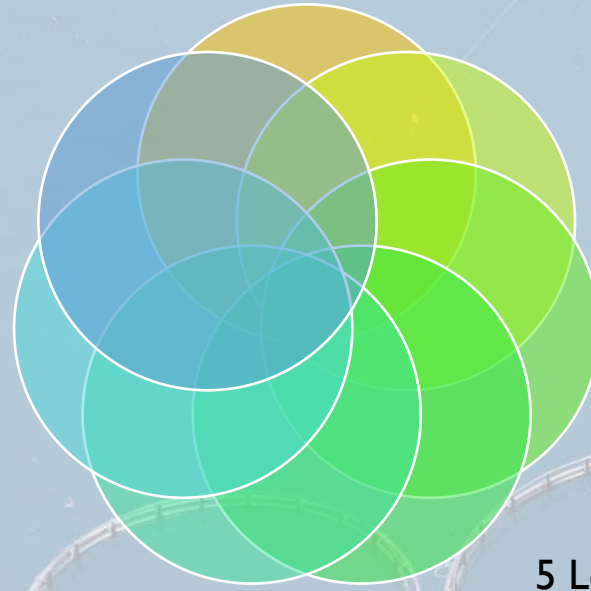
128 Fish farming
cooperatives in
ponds

Importers of Tilapia,
carp and catfish feed
from abroad
(Egypt,Zambia...)

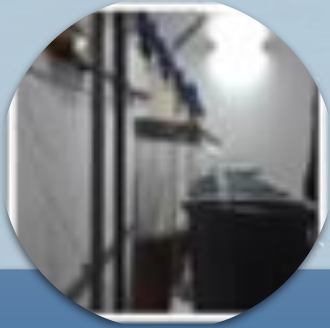
42 private investors
(companies and
cooperatives) in
cage fish farming

2 private company
with RAS

5 Local Tilapia fish
feed (Aquahorts,
Lakeside, Huye feed,
Zamura Feed, and
FINE FISH



Types of Aquaculture Farming Systems



Hatcheries
(Tilapia, carpe,
Clarius)



Cage fish Farming
(Tilapia and
Carp)



Pond fish Farming
(Tilapia, catfish, carpe)



Irrigation Water dams (Tilapia,
catfish)

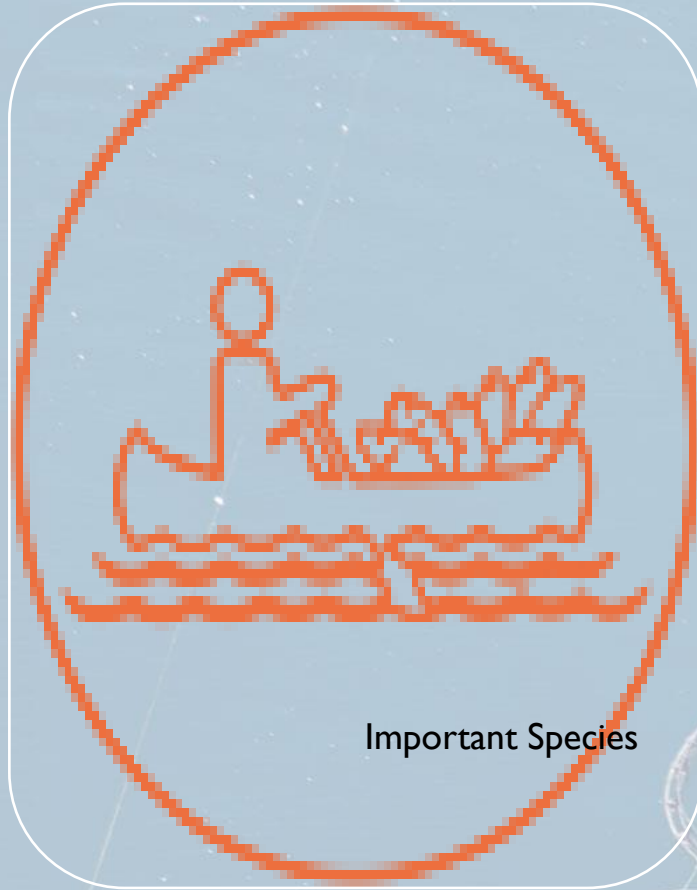


Tank fish farming
/(RAS)



Rice fish integration
(Catfish, Tilapia)

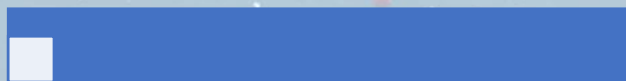
Important fish species found in captures:



- *Limnothrissa miodon* (Isamabaza),
- *Rastreneobola argentea* (Indagala),
- *Clarias gariepinus* (Inkube),
- *Haplochromis* sp (indugu),
- *Oreochromis* sp (Tilapia=ingege),
- *Protopterus aethiopicus* (Imamba),
- Carps (*Cyprinus carpio*,
- *ctenopharyngodon idella*,
- *Hypophthalmichthys molitrix*)
- *Labeo victorinus* (iningu),
- *Schilbe mystus* (Injera),
- *Synodontis* sp (Inkoronko).

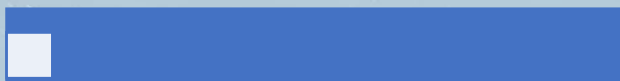
Animal Health Strategic Plan (2023 to 2025) and Implementation Period

By 2025



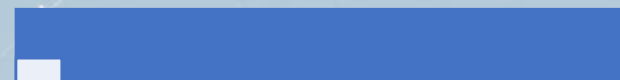
- Developing and operating an aquaculture biosecurity plan across the country.
- Develop a first spatial plan for aquaculture on lake Kivu, resulting in zoning and an understanding of the lake's carrying capacity.
- Promote prudent management of fish health risk factors in the Rwandan aquaculture sector.
- Establishment of vocational training program under university and polytechnics providing short courses on fish health and welfare.
- Enabling the National Veterinary Laboratory and its satellite to be able to test Fish Disease
- Training of professional personnel ToT, surveillance, lab technicians (virologist, microbiologist, pathologist, entomologist and parasitologist),
- Establishment of a breeding Center for the broodstock availability
- Strengthen the Implementation of SOP through the Certification of Fish hatcheries

By 2030



- An aquatic disease surveillance network will be in place across Rwanda, supported by diagnostic facilities and a response capability
- Spatial planning for all Rwanda's lakes and wetland areas completed to help focus sustainable development of aquaculture within environmental limits.
- A risk-based environmental impact assessment process being implemented.
- All aquaculture has appropriate environmental monitoring requirements associated with the licensing agreement.

By 2035



- A sophisticated monitoring network for environment and animal health forecasts potential environmental (e.g., HAB) and disease risks and provides pre-emptive mitigation measures.
- Environmental monitoring routine for private sector operations, supported by efficient and capable Government verification.
- Spatial planning regularly reviewed to allow the cautious expansion of aquaculture where deemed as sustainable.

Legal Instruments and other Sector Documents used for the sector Development

- National Agriculture Policy (**NST1**) and the National Strategic Plan for Agriculture Transformation (**PSTA IV**);
- The National Aquaculture Strategy for Rwanda from 2023 to 2033
- Law N° 54/2008 of 10/09/2008 determining the prevention and fight against contagious diseases for domestic animals in Rwanda
- The sector is regulated by Fisheries and Aquaculture law and Fisheries Ministerial Order;
 - Fishing Licence : 3 categories of licenses (Research, professional/small scale, sport fishing)) issued by RAB
 - Aquaculture License
 - Hatchery License
- other laws referred to are **environmental law** and **water resources law** also facilitate the implementation of aquaculture and fisheries activities;
 - Water Use Permit
- The Standard Operating Procedures for Tilapia Hatchery in Rwanda



Thank You

Murakoze

Asanteni

