# **Appendix 5a- Coding and mapping of themes**

Aquaculture Fish farming Fish culture

doing

everything

within their

means to put

security

measures to

ensure that

their business

thrives

COMPLEX

BIG POTENTIAL

There is a huge potential in aquaculture for more jobs, livelihoods. It has a big future to make the country great.#7

GOOD GOVERNANCE SYSTEM

SOCIAL RESPONSIBILITY infantile stage Thriving

SUSTAINABILITY OF POND AND CAGE FARMING SYSTEMS profit
long-term
medium-term
short-term
present
future
policies
attitudes

Value chain -production

- -processing
- -distribution:transportation, logistics
- -consumption: safety concerns, varieties, options

SATISFACTION LEVEL

Profit margin; Survical rate Growth rate Sustainability has to be worked at. All stake holders must take part: Ministry, academia, farmers#4

TEAMWORK

Science Technology Infrastructure Local knowledge

training and education

students, fish farmers, ESO,

infrastructure

SUCCESS

MOTIVATION FOR FISH FARMING

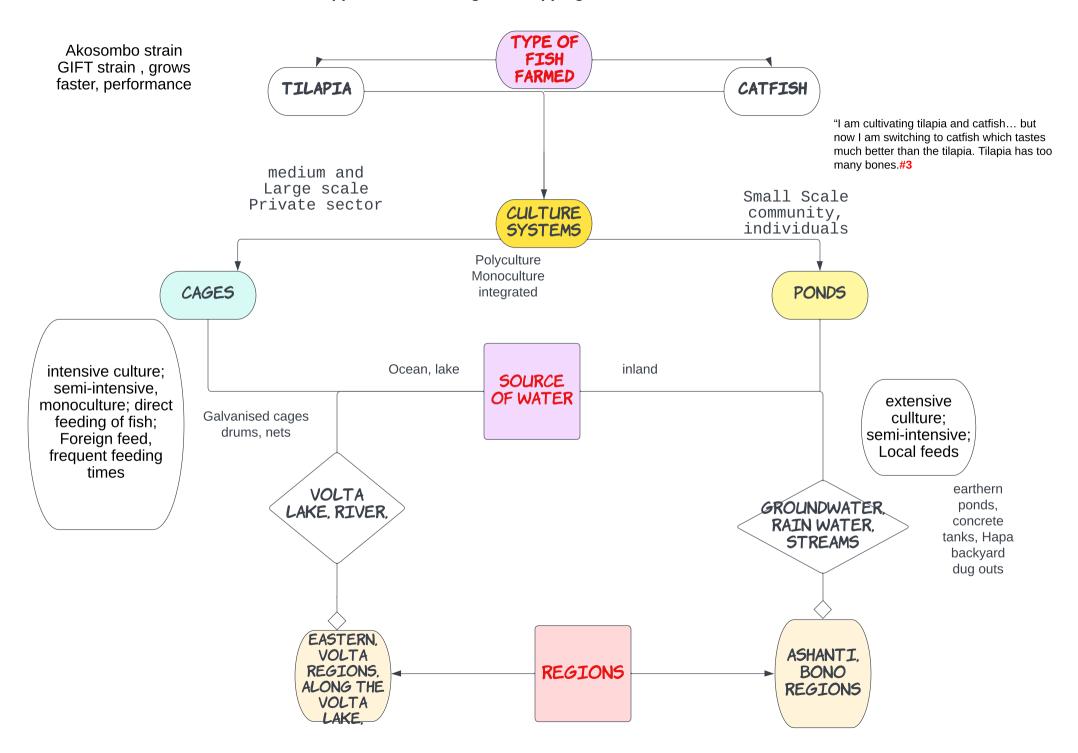
Livelihoods. **Small-scale** source of food for households, local consumption employment, jobs, food, doorstep of rural communities, profit making, studied in school, genuine interest, fun, pleasure, Economic reasons: Large scale profitability, Funds export

DIVERSIFY SPECIES CULTURED

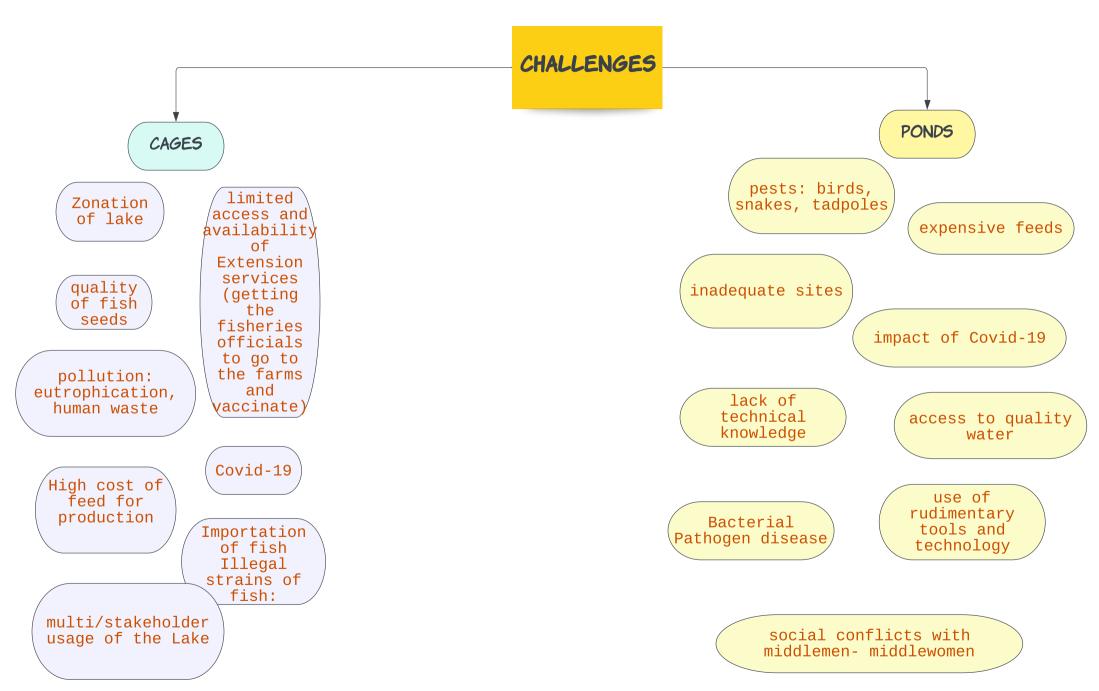
> FISH WELFARE

BIOSECURITY MEASURES AND PROTOCOLS

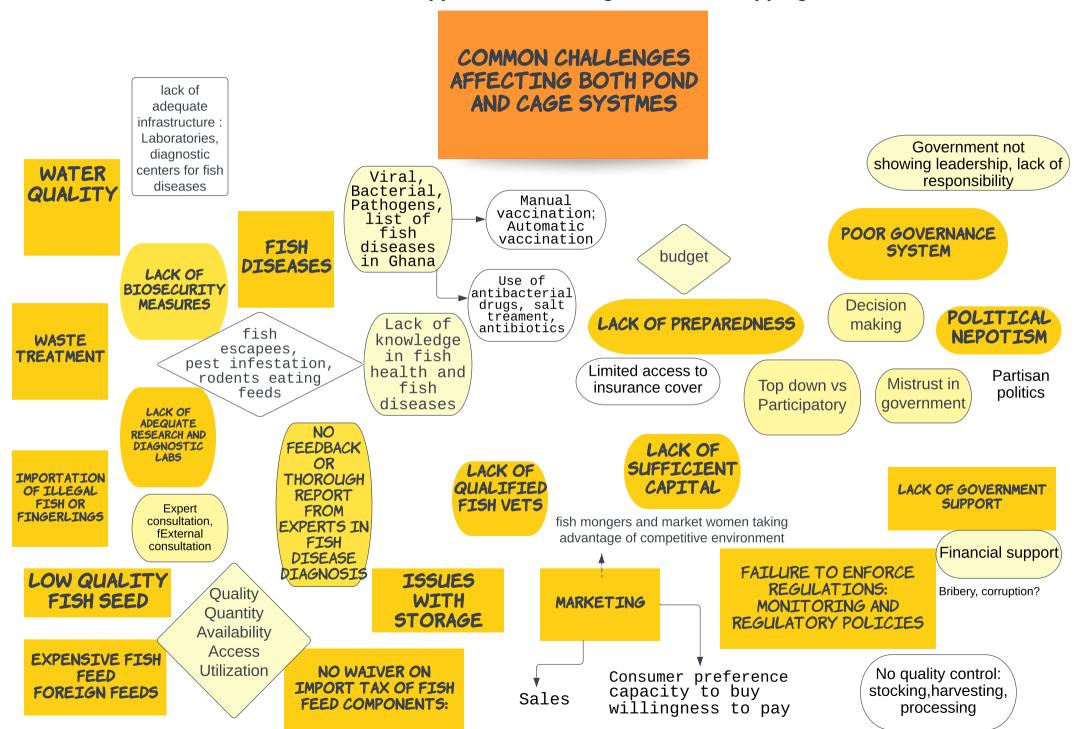
#### **Appendix 5-b Coding and mapping of themes**



## Appendix 5c- Coding and mapping of themes



# **Appendix 5-d Coding and theme mapping**



#### Appendix 5-e Coding and mapping of themes

**OPPORTUNITIES** AND RECOMMENDATIONS

CAPACITY BUILDING

NEW MARKETS TRADE LIBERALISATION

AfCFTA: a blessing or a bane?

AfCFTA is a major threat to the local businesses eventhough it is profitable to the government in the short term, but in the long term#9

MORE TRAININGS MORE WORKSHOPS

PROMOTE INNOVATIONS

the most important thing is government's engagement and priority to the aquaculture sector and provide the infrastructure and technical know-how. So far it seems the government is not having this as a priority. The labs in Koforidua, Takoradi and Accra are due to complete this year 2021. A programme to train fish vets: lecturers at the university of Ghana designed the project and they got the funds to do it" >#2

**INVEST IN** BIOSECURIT **MEASURES** 

DIVERSIFY FISH SPECIES

PRIVATE SECTOR

ACADEMIA AND

PUBLIC SECTOR

PARTNERSHIP

**BUILD TRUST** 

GIFT strains.

Akosombo strain tilapia, bonytongue, shell fish

INTEGRATED EXTENSIVE AGRICULTURE AND AQUACULTURE SYSTEMS

NEW

TECHNOLOGY

A ONE STOP SHOP MODULE

RAS SYSTEMS

**FLEXIBLE POLICIES** 

**ENFORCEMENT** OF REGULATIONS We also introduced a module for "One stop shop for licencing for farms": giving licences to people who want to go into aquaculture. If we are talking about sustainable development, you want to be able to control the industry. You would want to know how many people have been given licences to operate and where they are located in the event of disease prevention.#11

Monitoring

ATTITUDINAL CHANGE:

COOPERATION

COORDINATION

COLLABORATION

We should subject ourselves under authority, allow the regulatory bodies do their jobs. Agree for inspectors to visit the farms at any point in times if they are doing the right things. This is the case with some big farms .#4

**ASSOCIATIONS** 

COOPERATIVES

Biosecurity regulations

Control

Things are going to change, and I think monitoring should be intensified able to monitor what is going on in the lake to avoid mass. lake to avoid massive pollution. We are blessed with a huge water resource which has the potential to bring a lot of revenue in terms of fish farming.#7

IS THE

AQUAPONIOS PREPARED

**SECTOR** 

**READY AND** 

WITH KSAs?

AQUACULTURE