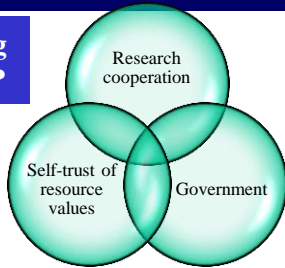




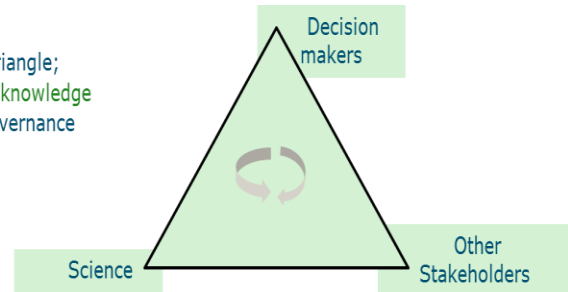
## Addressing Critical Issues to Draft National and Regional Policies Framework for Aquaculture in Africa

### Bridging the GAP



“The whole of **public** as well as **private** interactions that are initiated to **solve** societal **problems** and **create** societal **opportunities**. It includes the **principles** guiding those interactions and care for institutions that enable them” (Kooiman and Bavinck 2005:17).

Interaction triangle;  
Dealing with **knowledge**  
In marine governance



## Tilapia Farming in Malawi Using Biofloc Supports Objectives of the 2030 Agenda and Sustainable Development Goals (SDGs)



Livelihood level

Farmer-family business

Small-scale

Medium scale Business

National public. – Projects

Foreigner investment

Closed value chains

### Support enabling policies for a dynamic aquaculture sector

Policy frameworks supporting multiple aquaculture systems and adaptation of policy frameworks to changing circumstances

### Promotion of fish farming

## Achieving the Sustainable Development Goals (SDGs) in Three Governorates in Egypt through Aquaculture

- Climate smart aquaculture form promote water conservation and sustainability of the industry and enhance water productivity

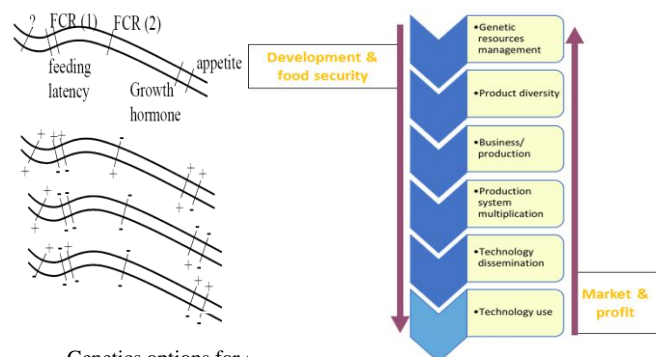


### Integrated aquaculture / agriculture

- Ponds in agricultural zones

- Desert aquaculture using existing reservoirs, purpose-built (recirculation) systems, Multiple use of irrigation water

## Genomic Based Innovation Platform to Overcome the Metabolic and Nutritional Bottlenecks of Poor Use of Plant and Animal Based Ingredient Sources in African Aquaculture



### Genetics options for

1. Join a big genetics program where many farmers share the benefits.
2. Professional on-farm private genetics.
3. Do-it-yourself (sophisticated amateur).
4. Buy the best commercial seed every year.

