

Introducing NORGHATI

Norway-Ghana

Tilapia Initiative

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If you want to go **FAST**
go **ALONE!**

If you want to go **FAR**
go with **OTHERS.**



GHANA IN AFRICA



Teaching Africa to Fish

- A sense and feeling of nothing being done
 - The impression is FALSE.
 - Africans have worked out solutions, and acted on them.
 - The traces these left are faint.
 - Because other competing systems triumph.
 - Whenever future seed seeks to take root it strikes sand!
- We seek intelligent understanding of our realities, not simply the politics of power.
 - We seek intelligent action to change these realities!
 - Adapted from the book *Osiris Rising* by Ayi Kwei Armah, 1995.



Food Security

- To achieve food security calls for a paradigm shift from Competition to Cooperation in National Priorities.
- To ensure food security people must have access to an affordable, nutritionally adequate diet permanently.
- Sustainable agricultural development must look at alternative innovation systems, how such systems can benefit the poor, and what changes are needed to realise it.



NORGHATI - A Private Sector Initiative

The Seed:

Simmah Ltd: The Ghanaian Client

MoreFish: Norwegian supplier of aquaculture technology.

- ❑ Aquaculture to meet huge domestic demand and bridge a national shortfall of over 400000 tonnes.



Participating Norwegian Organizations and their specialization

1. **MoreFish** - Aquaculture technology. The One Stop Shop for African Aquaculture.
2. **Norwegian Veterinary Institute** - Health management, laboratory and diagnostic services.
3. **Nofima** - Feed formulation, breeding and value chain.
4. **Tekna FTU** - Seminars and forum provider.
5. **West African Fish Farmers AS** - Management and trials.
6. **African Golden Tilapia Farm Ltd. (AGTF)** - guaranteed employment of student trainees; experimental trials of feed and fingerlings.
7. **Biomar AS**. Fish feed, commercial and R&D contributions.
8. **TF Aquaconsult AS** - Practical education and grow out construction and management.
9. **NTNU** - Education on practical and theoretical issues.
10. **Fisheries Department Norway** - Regulations and licenses.
11. **Norwegian Food Safety Authority (Mattilsynet)** - Regulatory and legal support; appropriate legislation and control guidelines.
12. **Frøya Upper Secondary School**. Bridge between research and industry; curriculum and textbook development, teaching abroad.



Participating Ghanaian Organizations and their specialization

1. **Simma Ltd** - Aquaculture Academy and farms.
2. **University of Ghana** - Teaching facilities, Lecturers and students.
3. **Aquaculture Research and Development Centre** - Research partners and laboratory services.
4. **Ministry of Fisheries and Aquaculture development** - Personnel and office space, legal framework and guidelines.
5. **Prime Shores Ltd** - Performance trials on different feed compositions and fingerling, management practices and trial of technology.
6. **Food and Drugs Authority** - Safety guidelines and controls.



SUPPORTING PRIORITY POLICY GOALS

- Knowledge base for professional aquaculture practice and industry.
 - Strengthen Monitoring, Control and Surveillance to ensure compliance with existing regulations.
 - Tackle the issue of poor governance.
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- Aquaculture to meet huge domestic demand and bridge a national shortfall of over 400000 tonnes.



The key to success isn't in all the things
we do but in the
handful of the things we do well!

- Thorbjørn will now share with you **our** keys to success.

THANK YOU FOR THE ATTENTION!

