

WorldFish



FACT SHEET

Technologies for African Agricultural Transformation (TAAT) Aquaculture Compact: Upscaling Aquaculture Technologies to Boost Value Chain Productivity



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Introduction

Technologies for African Agricultural Transformation (TAAT) is a programme funded by the African Development Bank (AfDB). It is a knowledge and innovation-based response to the need for scaling up proven technologies across Africa. The aim is to boost productivity and make Africa self-sufficient in key commodities. The TAAT Program is currently being implemented in thirty-one (31) African countries with focus on priority commodities including maize, wheat, rice, sorghum/millet, cassava, high iron beans, orange-fleshed sweet potato, aquaculture, small livestock, etc. with support from several enabler compacts.

The TAAT Aquaculture compact is one of such commodity compacts, led by WorldFish. This compact aims to disseminate and upscale aquaculture technologies across twelve (12) Africa countries to increase aquaculture value chain actors' productivity, increase fish protein consumption and enhance sustainability across the value chain.

Objectives

- Creating an enabling environment for technology adoption.
- Facilitating effective delivery of technologies to aquaculture value actors.
- Raising aquaculture production and productivity through identification and deployment of appropriate technologies.

Expected impacts

The Aquaculture compact through identified regional activities across selected countries will ensure that



80% fish farmers have access to improved fish seeds



20% increase in aquaculture production



10–30% reduction in importation of fish, improved household nutrition and new employment opportunities for youth in the aquaculture value chain



Target beneficiaries

- Aquaculture value chain actors including youth and women
- Fish seed producers
- Fish feed producers/ millers
- Fish farmers
- Fish processors and traders

Partners

- Government institutions and extension services
- National agricultural research institutions
- Universities
- Fish farmers associations
- Private sector
- Non-governmental organizations (NGOs)

Technologies being demonstrated and upscaled through the Aquaculture compact

- Fast growing, disease resistant quality fish seeds and improved fish rearing technologies for tilapia (*Oreochromis niloticus*), catfish (*Clarias gariepinus*) and hybrids of *Heterobranchus* species and *Clarias* species),
- Quality low cost fish feed using locally available raw materials and
- Improved post-harvest technologies and fish product development (value addition).

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