



Photo credit: Choua Mouembar, WorldFish

## FACT SHEET Technologies for African Agricultural Transformation (TAAT) Aquaculture Compact



### Introduction

The Technologies for African Agricultural Transformation (TAAT) program, funded by the African Development Bank, is a knowledge- and innovation-based response to the need to scale up proven technologies across Africa. The aim is to boost productivity and make Africa self-sufficient in key commodities. The program is being implemented in 31 countries. It focuses on nine priority commodity agricultural value chains (maize, wheat, rice, sorghum/millet, cassava, high-iron bean, orange flesh sweet potato, aquaculture and small livestock) with the support of enablers.

The TAAT Aquaculture Compact (2018–2021) is one of 15 compacts. Led by WorldFish as part of the CGIAR Research Program on Fish Agri-Food Systems (FISH), the compact aims to disseminate and upscale aquaculture technologies across ten countries to raise the productivity of aquaculture value chain actors, increase consumption of fish protein and enhance sustainability along the value chain.

### Objectives

- Create an enabling environment for technology adoption
- Facilitate effective delivery of technologies to aquaculture value chain actors
- Raise aquaculture production and productivity through identification and deployment of appropriate technologies

### Expected impacts by 2021



**80%**  
of fish farmers have access to improved fish seed



**20%**  
increase in aquaculture production



**10–30%**  
reduction in fish imports, improved household nutrition and increased job opportunities for youth in the 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 farmer associations
- Fish processors associations
- Private sector
- Non-governmental organizations

## Technologies being demonstrated and upscaled through the TAAT Aquaculture Compact include:

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

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