



Photo credit: Anas Kumar Sahay/WorldFish

## FACT SHEET

# Scaling innovative, nutrition-sensitive fisheries technologies and integrated approaches through partnerships in Odisha, India can improve food and nutrition security



WorldFish

## Introduction

Funded by the United States Agency for International Development, this project is led by WorldFish in collaboration with the Fisheries & Animal Resources Development Department of the Indian state of Odisha, along with several private sector companies. Its aim is to improve food and nutrition security in Odisha by increasing the supply of and access to affordable, safe, nutrient-rich fish and fish products for greater consumption.

Through innovative technologies and integrated approaches, the project will introduce nutrition-sensitive production technologies for nutrient-rich fish and vegetables in select districts of Odisha and will increase production of fresh, high quality, small fish and dried fish for making fish-based products for the first 1000 days of life. Strong private sector engagement will lead to increased access to nutritious, safe and affordable fresh fish and fish-based products for different population groups.

The project will achieve and sustain greater demand for fish by the public sector and the population of Odisha. To accomplish this, it will combine targeted and well-researched social behavior change tools and methods with increased knowledge and awareness of fish for improved nutrition. Together, this will increase fish consumption by at least 5000 women and 5000 children during the project period.

## Background

Fish is an integral part of a healthy diet to improve food and nutrition security. In low- and middle-income countries, however, the health benefits of fish are not fully understood or recognized, so the use of fish in interventions to improve nutrition and health is overlooked. This project goes beyond the specific role of fish in improving food and nutrition security in Odisha by helping the state meet the targets it has set for attaining the UN Sustainable Development Goals, specifically 2, 14 and 15.

## Project deliverables

Deliverables are based on the four components:

### 1. Increased availability

- **450 households** practicing carp-mola polyculture in homestead ponds
- local community organizations begin culturing mola and other small fish in **six community ponds/reservoirs**
- micronutrient-rich vegetables and orange sweet potato produced in at least **85% of households** practicing carp-mola pond polyculture.

### 2. Increased accessibility

- **five branded, nutritious, safe, fresh fish and fish-based products** readily available in rural and urban markets
- **20 women's groups** producing high quality dried fish from Chilika Lake and reservoirs.



### Project name

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### Donor

United States Agency for International Development (USAID)

### Partners

Fisheries & Animal Resources Development Department of the Government of Odisha, India

### Project duration

October 2017–September 2020

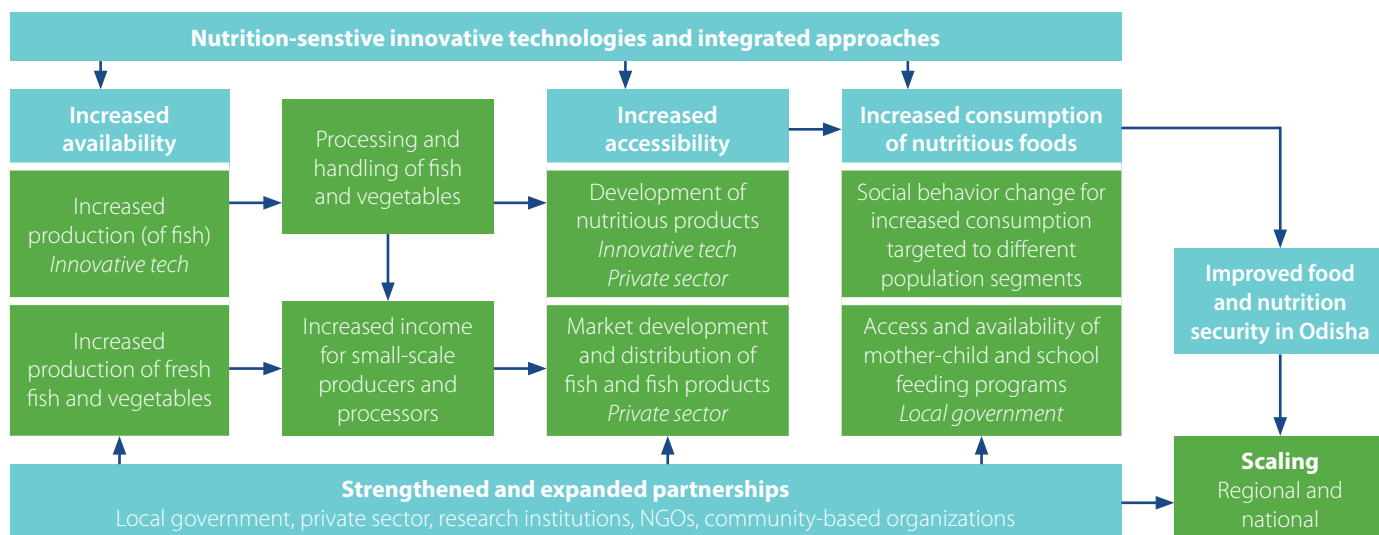
### 3. Increased consumption of nutritious foods

- quantity and frequency of small fish intake increased in the diet of at least **5000 children** and **5000 women**
- **25 schools** with fish in midday meals
- **25 Anganwadi centers** distributing fish products for the first 1000 days of life.

### 4. Improved food and nutrition security in Odisha and scaling

- **two states** in India and **two countries** in the region adopt nutrition-sensitive technologies and integrated approaches in the fisheries sector.

## Pathways to Improved Food and Nutrition Security in Odisha



**Figure 1.** Project pathways to improved food and nutrition security in Odisha.

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## Disclaimer

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