



Fisheries and Animal Resources Development, Government of Odisha

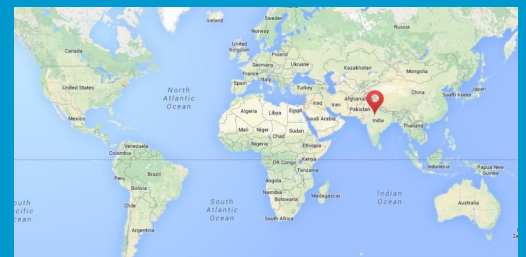
Project brief (April 2020—March 2021)

Project Summary

The project's overall objective is to support the Fisheries and Animal Resources Development Department (F&ARD) of the Government of Odisha, India, to implement the Odisha State Fisheries Policy-2015. The project aims to achieve sustainable aquaculture and fisheries sector in the Odisha State, India, by creating employment, stimulating inward investment, and contributing to State goals for reducing malnutrition among vulnerable and marginalized communities, particularly women and children. The project has achieved remarkable results in engaging more than 6,254 Women Self Help Groups since 2018 across 30 districts of Odisha in aquaculture. Through this collaboration, the technical inputs by WorldFish have resulted in significant achievements in policy attracting multiple investments through various schemes for the development of the aquaculture sector in the State.

Contribution to Outcomes

- 53,960** households, of which 84% women-led, have adopted various aquaculture management best practices and technologies
- 183,586** people assisted to exit poverty thanks to engagement of women engaged fish farming activities
- 212,142** people are consuming more fish
- 6,877** MT fish was produced reducing the Green House Gases (GHG) emissions because of the adoption of the best management aquaculture practices covering an area of **3,516** hectares of ponds under BMPs.



Research country

India

Donor

Fisheries and Animal Resources Development Department (F&ARD) of the Government of Odisha, India

Project duration

2016-2022

Budget

USD 3.25 million

Partners

- Department of Women & Child Development and Mission Shakti - WCD & MS Odisha
- The Borlaug Institute for South Asia - BISA

Policy contributions

- ◆ FISH research activities in India provide robust foundations for the Government of Odisha in securing a funding USD 25.41 million towards unleashing the Blue Revolution ([Read more](#))
- ◆ The successful nutrition results in Odisha, India, attract additional funding from the Ministry of Micro, Small & Medium Enterprises (MSME) to promote hygienic fish products ([Read more](#))
- ◆ FISH research helps the Government of Odisha (India) in securing funding for transforming the livelihoods of Tribal communities dwelling in seven mineral bearing districts through fisheries ([Read more](#))
- ◆ WorldFish assisted the Government of Odisha in preparing the policy guidelines for the taking up of Fish Cage Cultures in Reservoirs by private sector actors ([Read more](#))
- ◆ FISH research in aquaculture systems and continuous technical inputs support the Government of Odisha to obtain funding to promote the aquaculture development in the State ([Read more](#))
- ◆ WorldFish's policy advice to Odisha government during and after India's COVID-19 lockdown period results in the co-design and uptake of recommendations on emergency responses ([Read more](#))
- ◆ In technical collaboration with WorldFish, the Government of Odisha has unveiled a "Master Plan for Fish Seed Production in Odisha" ([Read more](#))
- ◆ FISH supports the digitalization in the government of Odisha to facilitate real-time information for decision making in the implementation of several schemes ([Read more](#))



- Department of Panchayati Raj and Drinking Water - PR&DW
- Fisheries and Animal Resources Development Department (F&ARD) of the Government of Odisha, India

Contact

Project Manager:
Arun Padiyar
A.Padiyar@cgiar.org

Outcome-Impact Case Reports



- ◆ WorldFish, the Government and other key partners come together to strengthen their commitment to reducing malnutrition across the State of Odisha, India ([Read more](#))
- ◆ The adoption of Aquaculture Best Management Practices by fisherwomen is contribution to livelihoods and nutrition improvements for nearly 200,000 people in Odisha, India ([Read more](#))

Innovations developed



- ◆ Genetically Improved Farmed Tilapia (GIFT) introduction in Odisha State (India) ([Read more](#))
- ◆ Standard Operating Procedure (SOP) for the inclusion of dried small fish in the Supplementary Nutrition Program (SNP) in Odisha, India ([Read more](#))
- ◆ Standardized processing methods for boneless rohu (*Labeo rohita*) products in Odisha, India. ([Read more](#))
- ◆ Project Monitoring Unit (PMU) with GIS based Management Information System (MIS), Web and Mobile application adopted by the Government of Odisha ([Read more](#))

Capacity Development



2,791 Short-term trainees of which 80% women

Topics : Fish Farming; Best management practices; GIFT farming; GIS and Spatial Planning; Carp-mola polyculture; nutrition; Rohu processing and marketing;

References

P.A. Padiyar, N. Shenoy, B. Mohanty, B.K. Baliyarsingh, S. Datta, A. Gaikwad, M. Pal, S.K. Dubey, S. Das, B. Sethi, B.C. Ratha, C.V.Mohan, 2021, Odisha-WorldFish Project, Annual report for Year 2 of Phase 2 (1 April 2020 to 31 March 2021). Penang, Malaysia: WorldFish
Retrieved from DSpace: <https://hdl.handle.net/20.500.12348/4716>

Acknowledgements

This work was undertaken as part of the [CGIAR Research Program on Fish Agri-Food Systems \(FISH\)](#) led by [WorldFish](#). The program is supported by contributors to the [CGIAR Trust Fund](#).

Funding support for this work was provided by FARD .

Led by



In partnership



This publication is copyrighted by WorldFish. It is licensed for use under the Creative Commons Attribution 4.0 International License.

April 2021