



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

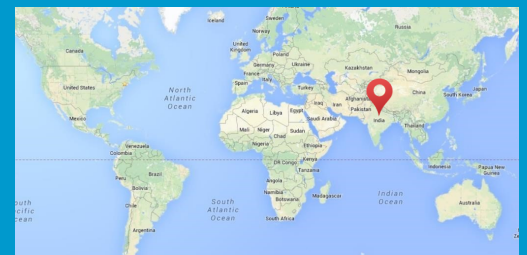
Project brief (October 2019 to September 2020)

### Project Summary

The project's goal is to improve food and nutrition security in the Indian state of Odisha through increasing availability, accessibility, and consumption of fish and fish products. This project will introduce nutrition-sensitive production technologies for producing nutrient-rich fish and vegetables in selected districts of Odisha and increased production of high-quality fresh small fish and dried fish for making fish-based products.

During the reporting period, the project piloted carp-mola polyculture in 789 homestead ponds and 22 community ponds, benefitting 1,307 households. WorldFish, in the presence of the FARD, signed an MoU with the Department of Women and Child Development of Odisha to extend its support to a pilot program on nutrition, where the introduction of fish-based diets and fish products would be made available in 50 tribal dominated Anganwadi centers under ICDS. Under the programme the project has trained 202 ICDS functionaries and community members. The project has also installed ten polyhouse solar dryers in six coastal districts of Odisha, where ten WSHGs will be engaged in hygienic dried fish production.

The Covid-19 crisis severely hampered the field activities. However, the project reached all the beneficiaries through regular phone calls and disseminated all the technical support and nutrition-related messages. Most of the households harvested fish from their pond and had regular consumption of fish. The project supplied all the beneficiaries with seasonal vegetable plants and kitchen garden kits to increase the household dietary diversity.



**Research country**  
India

**Donor**  
United States Agency for International Development (USAID)

**Project duration**  
2017-2021

**Budget**  
USD 1.5 million

#### Partners

- Department of Women & Child Development and Mission Shakti
- Fisheries and Animal Resource Development Department (F&ARD)
- ICAR-CIFT (Central Institute of Fisheries Technology)

## Contribution to Outcomes

**2,957** people were assisted to exit poverty

**5,243** people consuming more fish thanks to carp-based polyculture

**34** households are practicing *carp-mola* small indigenous fish species (SIS) polyculture

**70** hectares of pond area under *carp-mola* polyculture

- Azim Premji Philanthropic Initiative (APPI)
- Department of WCD & MS
- Odisha Livelihood Mission (OLM)
- Mission Shakti
- Falcon Marine Exports Ltd
- Kalinga Institute of Social Sciences (KISS)

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### **Policy contributions**

WorldFish technical inputs to the Government on supplementary nutrition contribute to the inclusion of fish in the newly launched State Nutrition Strategy in Odisha, India ([Read more](#))



### **Outcome-Impact Case Report**

Worldfish, the Government and other key partners come together to strengthen their commitment to reducing malnutrition across the State of Odisha, India ([Read more](#))



### **Innovations developed**

Standard Operating Procedure (SOP) for the inclusion of dried small fish in the Supplementary Nutrition Program (SNP) in Odisha, India ([Read more](#))



### **Capacity Development**

**4,875** people (49% women) trained in short-term trainings

Topics:

*Carp-mola* polyculture

Nutrition

Aquaculture best management practices

## References

Vishnumurthy Mohan Chadag, Baishnaba Ratha. (2020) *Scaling nutrition-sensitive fisheries technologies and integrated approaches through partnership in Odisha: USAID IPP Funded Project (Oct 2019 Sept 2020)*.

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## Acknowledgements

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In partnership



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