



Fisheries and Animal Resources Development (Program with Department of Fisheries, Odisha)

Project brief

April 2019 to March 2020

Project Summary

The project's overall objective is to technically support the Fisheries and Animal Resources Development Department (F&ARD) of the Government of Odisha, India to implement the Odisha State Fisheries Policy-2015 and to achieve "sustainable aquaculture and fisheries sector in Odisha State, India, creating employment, stimulating inward investment and contributing to State goals for reducing malnutrition among vulnerable and marginalized communities, particularly women and children".

The main highlights during this period for each component were:

1. *Sustainable intensification of carp production and fish seed quality improvement.*

The policy for long-term leasing of the GP tanks to WSHGs for taking up fish farming has helped to quickly scale up and scale out the project in all the 30 districts, involving 24,000 women.

2. *Reservoir fish production and productivity enhancement through stocking of fish fingerlings raised in captive pen nurseries and through cage culture.*

The project has provided technical support for timely installation of pen nurseries, production of fingerlings and fisheries management practices. An action plan was prepared for implementation of commercially viable cage culture practices in rectangular cages in Odisha and shared with concerned DFOs for implementation.

3. *Introduction of GIFT (Genetically Improved Farmed Tilapia) by establishing a GIFT multiplication center and hatchery and farm demonstrations.*

The establishment of GIFT hatchery in Government Fish Seed Farm at Kausalyaganga was initiated. A proto-type GIFT hatchery was constructed to kick-start the mono-sex GIFT seed production, with the first batch of mono-sex fry sold to farmers.



Research country
India

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

Project duration
2016 – 2022

Budget
USD 3.3 million

Partner

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

4. GIS (Geographical Information System) and Spatial planning for management of inland fisheries resources

The establishment of the GIS and Spatial Planning cell in the Directorate of Fisheries, Cuttack was completed during this reporting period. This contributed to the identification of reservoirs and their seasonal water spread areas.

Contribution to Outcomes



8,539 people trained of which 92% women

Topics

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



2 Innovations

- I. GIFT Tilapia introduction in Odisha State (India) ([Read more](#))
- II. Better Management Practices for Carp Intensification by Women Self Help Groups ([Read more](#))



1 Outcome Impact Case Report

The adoption of aquaculture Best Management Practices to benefit the livelihoods and nutrition of more than 2,000 Women Self-Help Groups in Odisha, India. ([Read more](#))



1 Policy contribution

Investment approved for the genetically improved farmed tilapia (GIFT) Multiplication Center and Hatchery establishment at Government Fish Farm in Odisha (India) ([Read more](#))

References

V.Chadag. Fisheries and Animal Resources Development (Program with Department of Fisheries, Odisha): Annual report April 2019 to March 2020.

Link: <https://hdl.handle.net/20.500.12348/4172>

Acknowledgements

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