#1 Aquaculture: increasing income, diversifying diets, and empowering women in Bangladesh and Nigeria (IDEA)
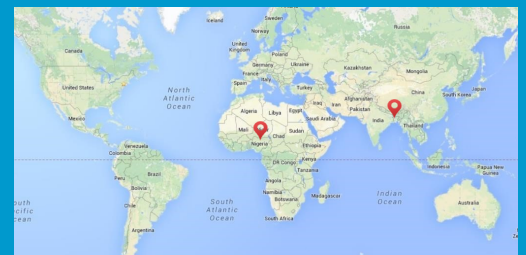
Project brief

November 2018 to December 2019

Project Summary

This aquaculture investment targets Bangladesh and Nigeria, two countries where the growth of aquaculture provides significant opportunities to enhance the income of smallholder families, the diets and nutrition of vulnerable women and children, and the empowerment of women.

In Bangladesh, WorldFish and partners embed proven and emerging aquaculture technologies and production solutions, including carp-mola pond polyculture and rice-fish farming systems. This initiative aims to spark a transformation of the aquaculture sector by harnessing private and public-sector products, services, practices, and favorable policies. In Nigeria, the investment will enable WorldFish to draw on lessons from Bangladesh and its global network of researchers and partnerships, to fill critical gaps that remain in the knowledge base in Nigeria to provide an evidence base to inform future investment decisions.

Research country
Bangladesh
Nigeria

Donor
Bill & Melinda Gates Foundation (BMGF)

Project duration
2018 – 2023

Budget
USD 11.5 million

Contribution to Outcomes

93 people trained of which 31% are women

Topics covered

√ Pond Aquaculture and Dike Cropping

√ Fish value chain and consumption

√ Survey Tools

Innovation developed

Fish foresight modelling tools

An innovative fish sector model that is less data-demanding while able to analyze scenarios and impacts of country's fish sector. Fish foresight modeling involves quantitative assessments of fish production and consumption patterns at global, regional and national levels.

The innovative model was first attempted in Zambia. The results were published in Marine Policy. Next, we worked on Egypt model in 2018. The model was applied to Nigeria during 2019.

([Read more](#))

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Partners

- Advanced Chemical Industries Limited - ACI
- Australian National University - ANU
- Bangladesh Rural Advancement Committee - BRAC
- Dalberg
- Data Management Aid - DMA
- Innovision Consulting Private Limited
- LightCastle Partners
- ReD Associates
- The Right Kind
- Thengamara Mohila Sabuj Sangha—TMSS

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Acknowledgements

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