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## In-Pond Raceway Systems for Fish Farming

Revolutionize your fish farming with IPRS for maximum yields and sustainability.

The In-Pond Raceway System (IPRS) is an advanced aquaculture technology that maintains optimal water quality through continuous water flow and waste management, allowing for high-density fish farming.

Scaling readiness: idea maturity This technology is **TAAT1 validated**.  $\checkmark$ 7.7 Gender assessment Climate impact 47 Problem Solution • Traditional pond farming limits fish productivity • The In-Pond Raceway System (IPRS) enables per area, reducing profits. stocking densities of up to 150 kg per cubic • Inadequate waste removal causes pollution and meter. harms fish health. • IPRS recreates the fish's natural environment, • Traditional methods demand extensive land and promoting faster growth and keeping them free labour, raising costs. from diseases and stress. • Inadequate water circulation and oxygen levels · Production of higher-quality fish in less water a lead to inefficient feed conversion. often exceeding traditional pond production by

## 200 to 300%.

## Key points to design your project

The In-Pond Raceway System (IPRS) technology offers significant benefits for food security and climate resilience. To integrate it into your project, consider these steps:

- Choose a design and size of raceway that matches your objectives and resources.
- Ensure access to quality water and electricity supply for continuous flow.
- Train staff to minimize operating costs.

By following these steps, you can successfully integrate the IPRS technology into your project, thus enhancing food security and climate resilience.



7	WorldFish
	<b>WorldFish</b> Bernadette Fregene
	Technology from
	ProPAS
	Commodities
	Fish
	Sustainable Development Goals
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	Categories
	Production, Equipment, Production System
nd	Best used with
,	<ul> <li><u>All Male Tilapia Fingerlings</u> with Greater Yield and <u>Uniformity &gt;</u></li> <li><u>Fast Growing and Hybrid</u> <u>African Catfish &gt;</u></li> </ul>
	Tested/adopted in
ing	Tested Testing angoing
	Where it can be used
	This technology can be used in the colored agro-ecological zones.





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