



# FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative



## Meet our trained lean subject matter experts A directory



**USAID**  
FROM THE AMERICAN PEOPLE



# Meet our trained lean subject matter experts: A directory

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## About the Fish Innovation Lab

The Fish Innovation Lab supports the USAID's agricultural research and capacity building work under Feed the Future, the U.S. Government's global hunger and food security initiative. Mississippi State University is the program's management entity. The University of Rhode Island, Texas State University, Washington University in St. Louis, and RTI International serve as management partners.

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# What is lean management?

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Embracing lean principles and practices enables businesses to enhance their flexibility and resilience. At the heart of lean is the principle of *maximizing value and minimizing waste in every process*, leading to substantial benefits. By implementing Lean management, organizations can effectively optimize their operations, reduce waste, and unlock economic and sustainable advantages. Adopting lean principles *empowers businesses to adapt, thrive, and achieve remarkable outcomes* in today's dynamic and competitive landscape.

Lean management principles and practices help make operations more efficient in the aquaculture industry.

- Reduce water treatment costs by 60 percent.
- Reduce energy consumption costs by 48 percent.
- Increase fish survivable by 85 percent.

# Who is a lean subject matter expert (LSME)?

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We trained 27 lean subject matter experts (LSMEs) under the Improving Efficiency in the Nigerian Aquaculture Sector by Employing the Lean Production Systems project, sponsored by the Feed the Future Innovation Lab for Fish and implemented by WorldFish. LSMEs were trained to apply lean management principles tools to identify and fix waste streams in aquaculture production and processing systems to improve efficiency.

# Meet our trainer Terri Lawrence

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Terri Lawrence is a highly experienced professional specializing in systems optimization. As the CEO of Collaborative Impact, Terri has provided invaluable operational guidance and expertise to a wide range of industries globally, including manufacturing, healthcare, and food production. Recently, Terri authored a practical guidebook on lean techniques specifically tailored for small-scale fish farmers, offering quick, simple, and impactful methods to enhance efficiency and cost savings. With extensive coaching experience and deep expertise in her field, Terri Lawrence is dedicated to assisting organizations in achieving profitability through resilient and sustainable operations.

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## What our LSMs can offer

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Our team consists of accomplished LSMs who bring their expertise, training and proven implementation experience to optimize your operations. Each team member possesses extensive experience and knowledge in aquaculture, coupled with the following qualifications:

- professional training and certification in lean management tools, processes and methodologies
- a proven track record of delivering training on lean management to others in the aquaculture industry
- successful implementation of efficiency improvements on aquaculture farms, resulting in cost reduction and more effective operations.

We take great pride in the demonstrated success of our LSM team for their expertise in disseminating and implementing lean management within the aquaculture sector. With an impressive track record of over 400 projects completed across 250 aquaculture farms, their efforts have consistently led to better fish survival, more efficient operations and lower costs.

## Meet our trained LSMs

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### Delta State



Abel Onavwie is an experienced fish farmer who specializes in encouraging farm managers to adopt best practice techniques by providing them with new knowledge and technology across the aquaculture industry. As the coordinator of Treasure Fish Farmer Multi-Purpose Cooperative Society, he has experience in coordinating and working with cluster members, cooperate members and partners as well as liaising with state and non-state actors. He studied agricultural economics in university.

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Preye Ofunama will make you fall in love with fish farming. She is the founder of Farmers Meet and an ardent agriculturist who is inspiring a new generation of farmers across Africa. At the center of her work is a quest to help fish farmers succeed and to identify waste in the aquaculture sector.

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Peter Akpokiniovo Diafe is an astute aquaculturist with several years of experience providing comprehensive high quality consultancy services in both static and running water culture of freshwater and saltwater species. He is an engineer, a team leader and the CEO of Pdexter farms. He also specializes in other aspects of aquaculture, such as fish health, water chemistry, pond construction, management and marketing.

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Efejuku Precious Tajinere is the CEO of Tajin Farms. He has trained over 400 youths on entrepreneurship development under the Young Entrepreneurs Training Program organized by the Centre for Values in Leadership under professor Pat Utomi. He has taken several courses in business administration and management at the University of Bocconi in Italy and at the Africa Managers Initiative. He believes in the Ubuntu system, which says "without you, no me."

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Mr. Ochuko Joshua Eriegha is an academic staff member in the Department of Fisheries and Aquaculture, Faculty of Environmental Management of the Nigeria Maritime University in Okerenkoko. He has over 15 years of experience across his work at the university, a research institute and on private fish farms as a fish farmer.

His main focus is answering questions on sustainable fish production, fish feed management, water quality management and environmental toxicology.

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Abdulrahman Yusuf is a professional farmer who specializes in aquaculture and poultry farming, as well as fish feed production. He is the coordinator for the fish farm clusters in Warri and is the president of the Liberty fish farm cluster. He has helped train and shared knowledge with smallholder fish farmers to help them improve farming culture. Many fish farmers have benefitted from the knowledge he has shared on the lean management operational system for aquaculture.

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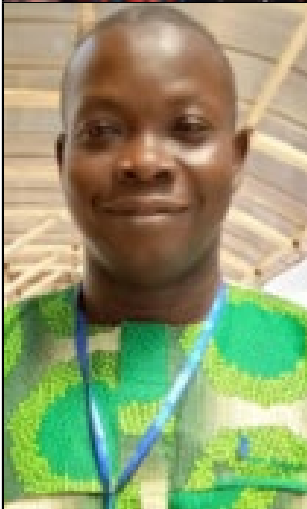
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Otomiewo Onorame is a highly motivated, proficient aquaculture specialist with years of experience in the aquaculture value chain. She has excellent managerial and leadership skills and has successfully trained and mentored fish farmers in contemporary methods, with a particular emphasis on maximizing profit. As the head of the IvoryBee fish farm cluster, she is an active contributor to aquaculture development at the community level, equipping women with the modern farming skills needed for self-empowerment.

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Fredrick Mukoro is an experienced trainer in the aquaculture sector and is an executive member of the Treasure Fish Farm Multi-Purpose Cooperative Society. He was recently invited by the Ministry of Agriculture, in collaboration with the Delta State government, to give a lecture and sensitize fish farmers in the state.

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Akpoki Luke is the cluster head for the Pokas Fish Cluster in Ughelli. He trains his cluster members monthly to improve their productivity and to teach them about new technologies.

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Benson Ese Onoriode is an aquaculturist who specializes in the production and supply of quality fish seed.

He consults and trains fish farmers in aquaculture production and is the founder of Elevital Agricultural Enterprise in Ughelli.

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Stephen Awinimu is an experienced fish farmer who is a highly experienced professional in health, safety and the environment. He is certified by the Institute of Safety Professionals of Nigeria.

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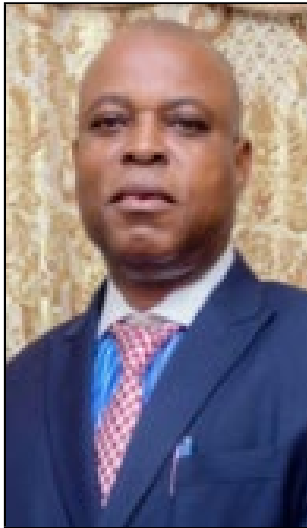
Dr. Marcus Adegbenro Adeniyi is a robust and multidisciplinary professional who heads the management team of the Ijebu Development Initiative on Poverty Reduction (IDIPR) as general manager/CEO. The IDIPR established and administered the renowned UN/FAO acknowledged Eriwe Farm Village under his leadership in 2002, and the Aquaculture Cooperative Cluster Farm has over 1327 fish farmers in various cooperative societies. He is an alumnus of the Wageningen Center for Development Innovation at Wageningen University and Research in the Netherlands.

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## Ogun State

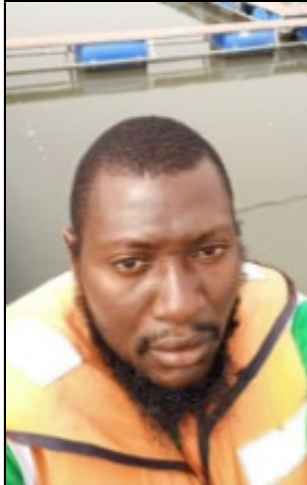


Michael Musowo is an aquaculture specialist with a broad spectrum of experience across the agribusiness value chain ensuring the 4Ps (people, performance, productivity and profits).

He is currently the general manager of Philips Farms and Allied Industries Nigeria Limited in Agbor. He is keen on upholding the tenets of best practices, driven by an uncompromising commitment to excellence and professionalism with a deep understanding of diversity, equality and inclusion.

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Salam Yusuf is a systems supervisor in cage and land-based aquaculture. He has seven years of demonstrated work experience in the fishery industry, and is skilled in such areas as water quality management, aquaculture and fisheries. He is a strong information technology professional with a bachelor's degree in aquaculture and fisheries management from the Federal University of Agriculture Abeokuta.

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Atinuke Onaduja is an astute trainer and coach with over 10 years of experience in hands-on practice in aquaculture, hatchery to grow-out and fish feed formulation, as well as other parts of the aquaculture value chain.

She has been instrumental in the aquaculture sector, as she trains her fellow farmers in best management practices and lessons learned from the lean management system.

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Adebayo Solomon is the CEO of Dermav Farms and Farms Produce Ltd with wide-ranging experience in the aquaculture sector. He is a member of the Ogun State Fisheries and Aquaculture Farmers Association and an executive member of the Catfish and Allied Fish Farmers Association of Nigeria.

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Timothy Uchendu is an experienced professional specializing in aquaculture. Currently, he is the assistant head of department and hatchery manager at CHI Farm Ltd. He has provided invaluable coaching, operational guidance and expertise to a wide range of corporate and individual farms in Nigeria, including hatcheries, grow-out farmers, feed mills and processing farms. He is dedicated to helping farmers to run successful and profitable ventures by using lean management in their operations.

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Ayoola Daramola is an experienced aquaculturist who trains interns from different institutes in the southwestern part of Nigeria in fisheries and aquaculture, including lean management. He is the president of Youth in Agriculture at the IDIPR Eriwe Fish Farm Village in Ijebu-ode.

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Temitope Bakare is a fish farmer at the Eriwe Fish Farm Village in Ijebu-Ode. Her specialty is training fish farmers in her local language for easy understanding.

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Oluwafemi Babatunde Oduntan (PhD) is a lecturer and engineer who specializes in the construction of cost-effective, sustainable and easy-to-maintain facilities for aquaculture systems that ensure the security of the food supply.

As a way to strengthen ties between academic institutions, research facilities and businesses that manufacture fish feed, he worked on the creation of a bio-engineering interface for aquaculture. As a result of lean management, he has made a significant impact on a number of youths, farmers, students and women.

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Sunday Izomo has helped many smallholder fish farmers in the state and has been involved in various USAID projects aimed at enhancing farmers' productivity.

As a cluster head at the Eriwe Farm Village, he involves all of his cluster members in various projects.

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Oluyemi Oludayo Michael is an experienced aquaculturist who specializes in catfish production and marketing. He is a seasoned trainer who has trained both local and international organizations in the field of aquaculture. He is one of the founding members of the Ifeoluwa fish farmers Association in Ikgangba.

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Isah Hussani is well versed in aquaculture as the president of the Mojalake Fish Farm in Ijebu-ife. His experience has helped him build the knowledge of his cluster members, and he always makes sure they are involved in different training sessions in the aquaculture value chain sector. He also does consultancy work for various farms in the state, which has helped build his confidence in providing training.

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## **About WorldFish**

WorldFish is a leading international research organization working to transform aquatic food systems to reduce hunger, malnutrition, and poverty. It collaborates with international, regional, and national partners to co-develop and deliver scientific innovations, evidence for policy, and knowledge to enable equitable and inclusive impact for millions who depend on fish for their livelihoods. As a member of CGIAR, WorldFish contributes to building a food- and nutrition-secure future and restoring natural resources. Headquartered in Penang, Malaysia, with country offices across Africa, Asia, and the Pacific, WorldFish strives to create resilient and inclusive food systems for shared prosperity.

For more information, please visit [www.worldfishcenter.org](http://www.worldfishcenter.org)