November 2023

Educating and training farmers on good welfare practices to elevate the aquaculture industry

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Positive food systems for people, animals and the planet.

The Food Animal Initiative (FAI) was founded in 2001 on the Oxford University estate

A multidisciplinary team of scientists, veterinarians, auditors, software developers, data analysts,
consultants and farmers.

Some of our clients

Four Step Journey

Scope

1

- Species
- Issues (Welfare +)
- Geographies
- Product category

Standards gap Assessment

2

- Identify reference standards (BBFAW, FAIRR, Certifications, legislation)
- Identify existing company standards/policy
- Benchmark practice against minimum and aspirational standards
- Benchmark competitor landscape

Policy and Commitments

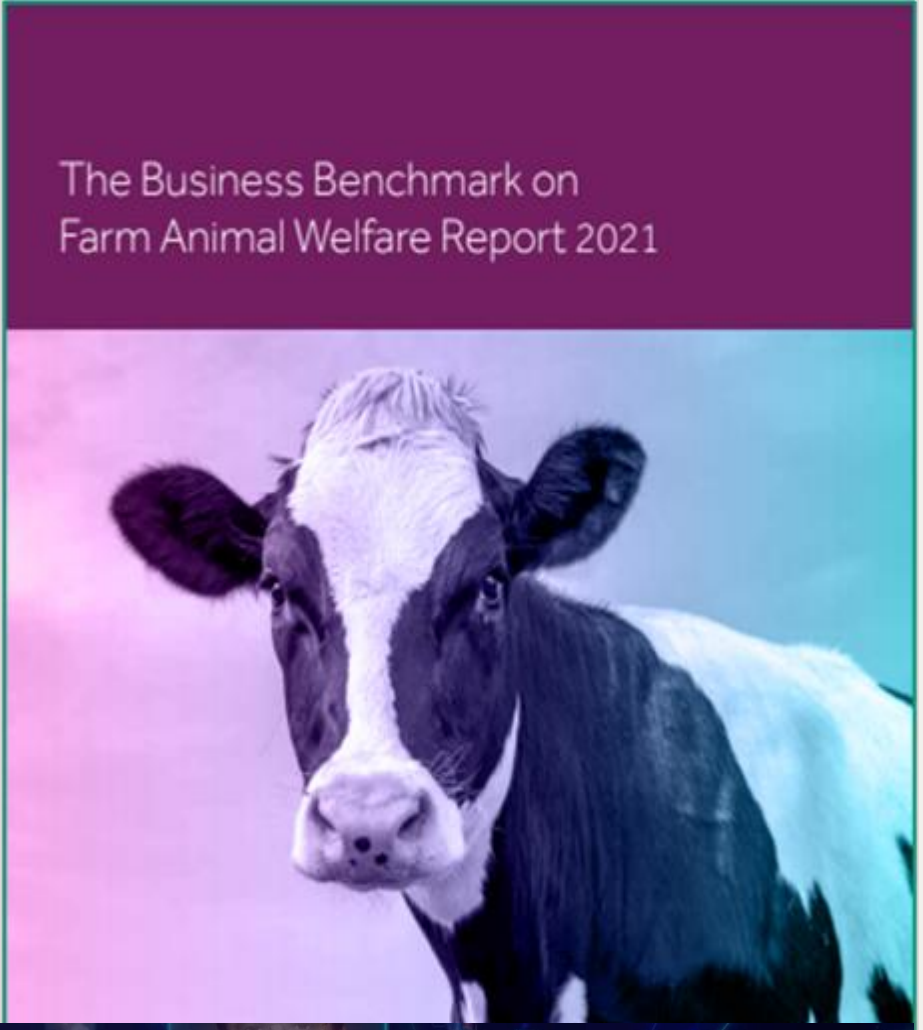
3

- Write and agree policy and commitment
- Support stakeholder commitment

Collection and Analysis

4

- Dedicated application for effective supply chain data management
- Data collection and analysis



Market driven animal welfare

Citizens

There is evidence that citizens' concerns about the welfare of farm animals is not a short-term effect but a growing megatrend.

BBFAW

Annual ranking and benchmarking of corporate animal welfare policies and outcomes for consumers, investors, NGOS and other stakeholders The standard text area has five predefined type levels.

FAIRR Protein Index

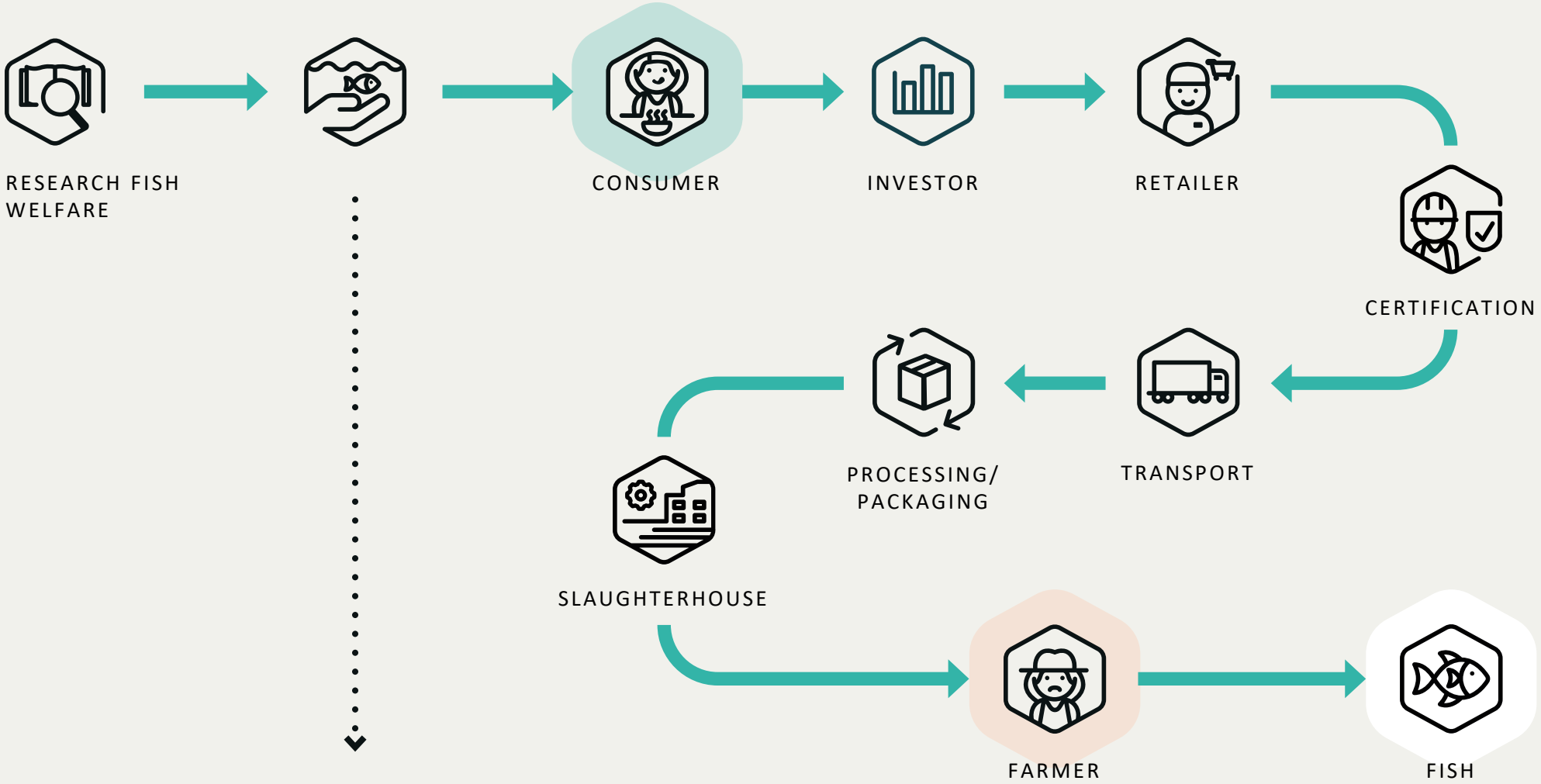
Fastest growing ESG investor network representing over $70 trillon focused on shareholder engagement and indexing of global protein producers. Key issues include animal welfare, antibiotc resistance, animal welfae and climate impact..

Legislation

EU, UK, New Zealand and Australia passing legislation that recognises sentience and strengthens protections for animals

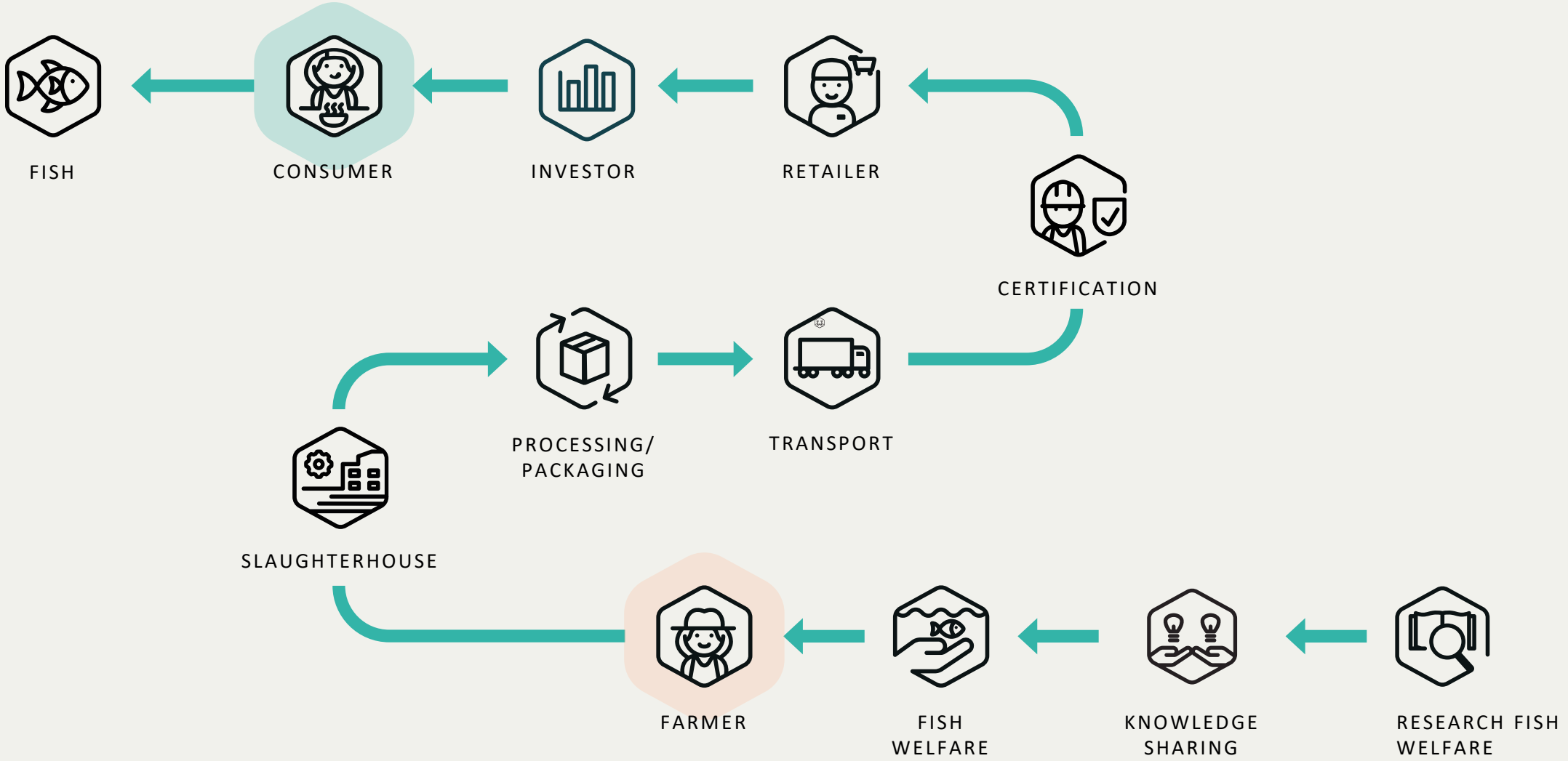
Animal Welfare
Top Down Story

Telling farmers how to farm and
enforcing it through pressure, regulations, certifications
and third-party audits



FAI Fish Welfare
Bottom Up Story

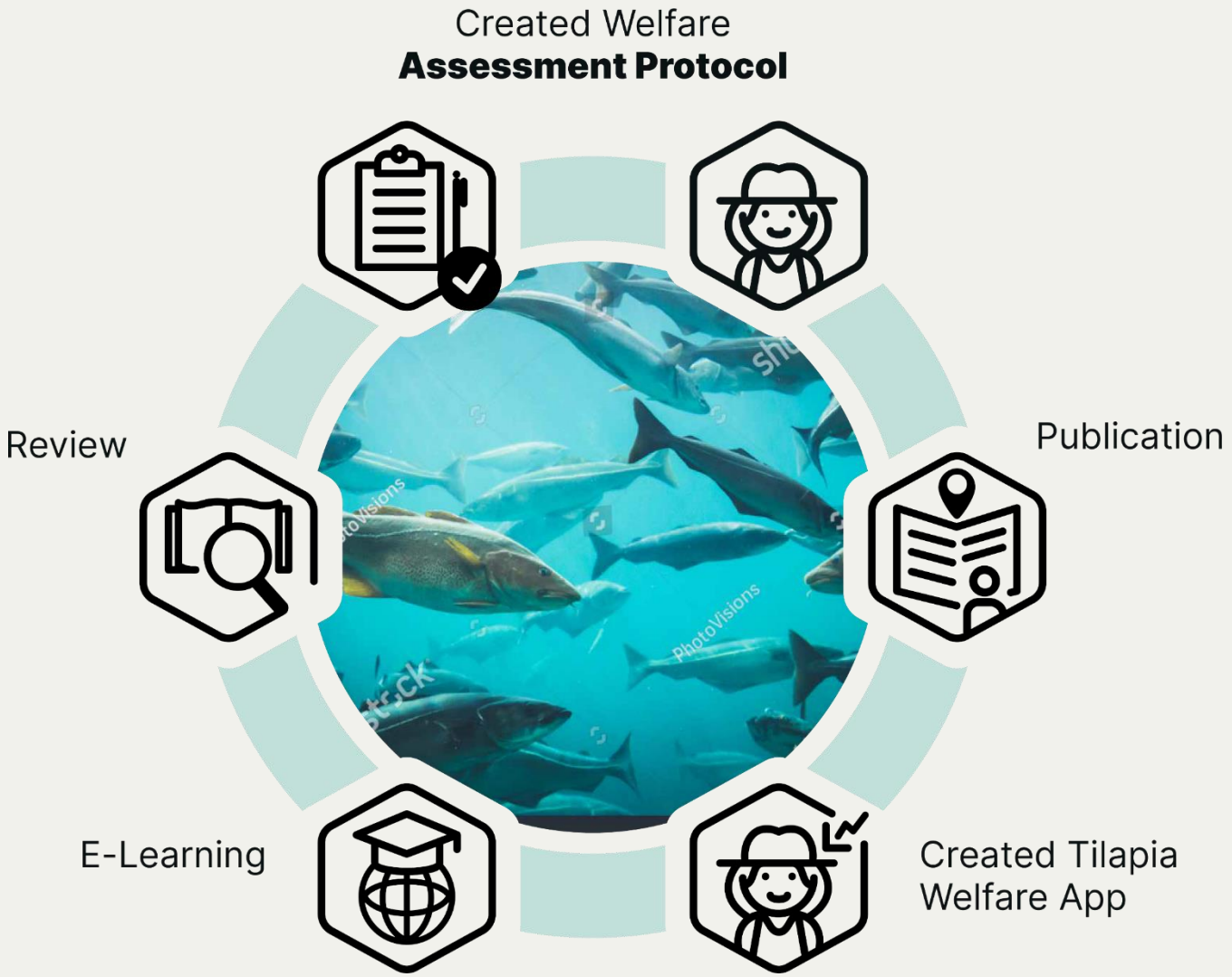
Starts by making scientific knowledge accessible to small-scale farmers through welfare assessments, training and business improvement tools.



FAI’s
Farmer Centric Approach

We are unlocking the latest science and putting it at the service of farmers through:

- Assessment protocols (tilapia, shrimp and carp)
- Assessment app
- Training courses in Thai, Portuguese, Spanish, Vietnamese, Arabic, Chinese, and English.

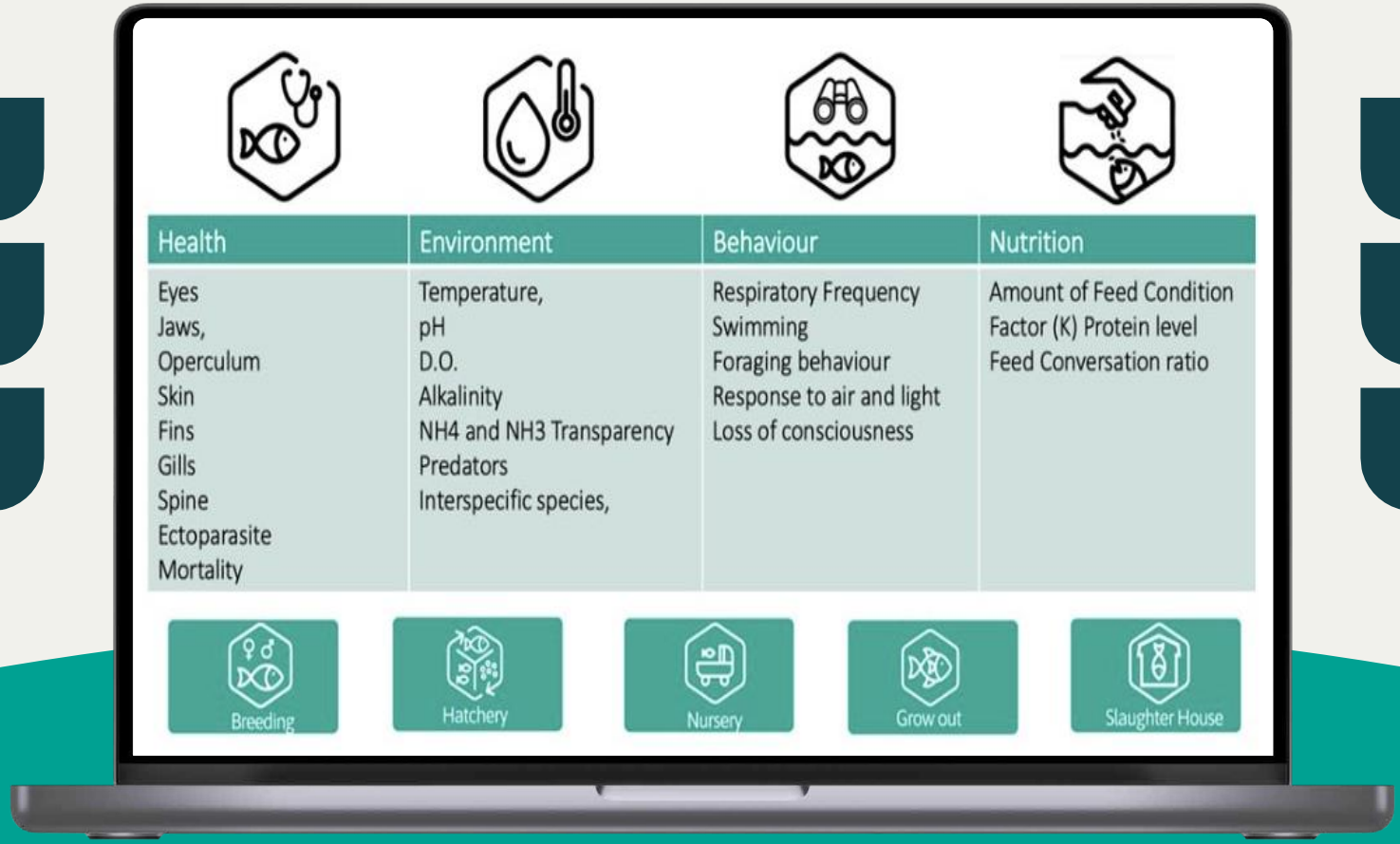


Tilapia Assessment

10,000 articles reviewed

On-farm tested and validated

Welfare science in practice



Define good, moderate and poor welfare (3 point score)

Empowers farmers to improve

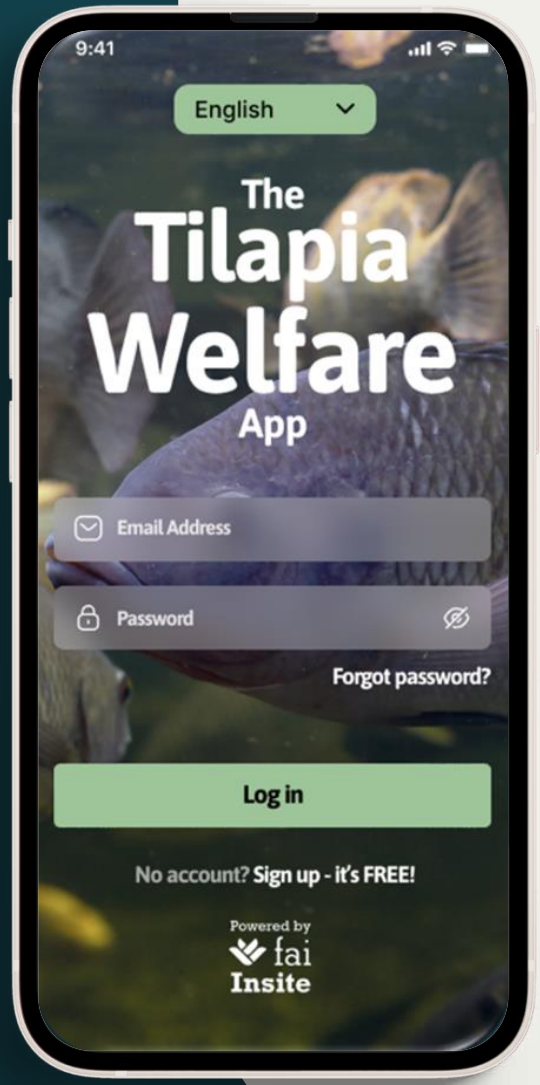
3rd edition just published

ISO 27001

Assessment tool

Multi-language

From breeding to slaughter



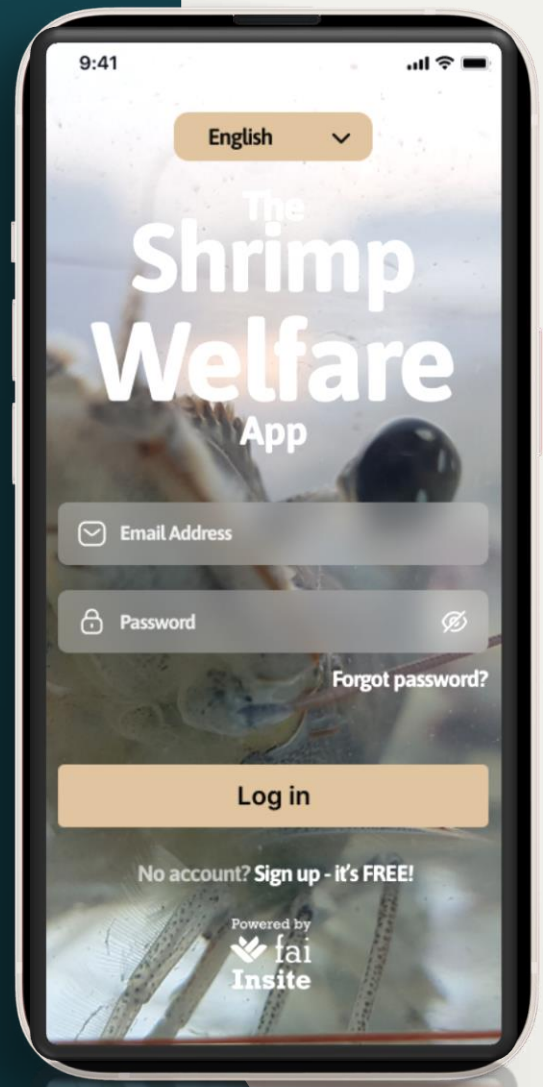
ISO 27001

Assessment tool

Multi-language

From breeding to slaughter

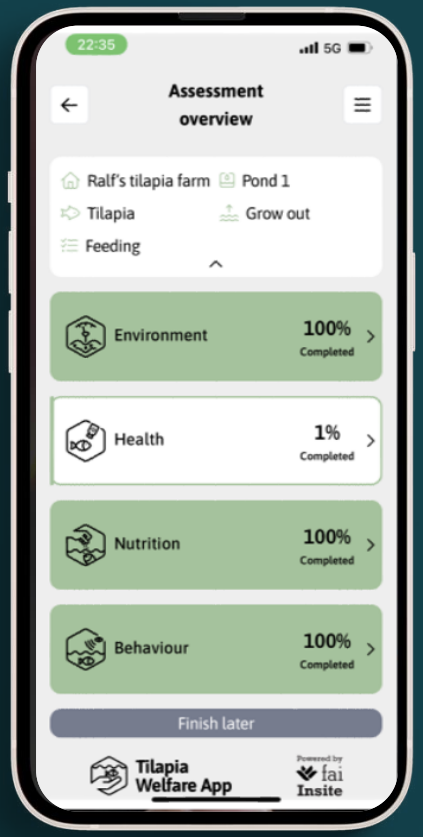
Coming in 2024



ISO 27001

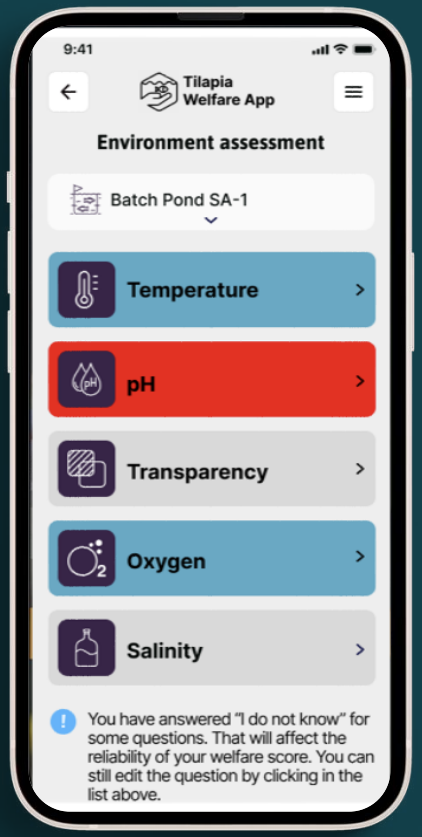
Lifecycle

Indicators recorded in four assessment categories



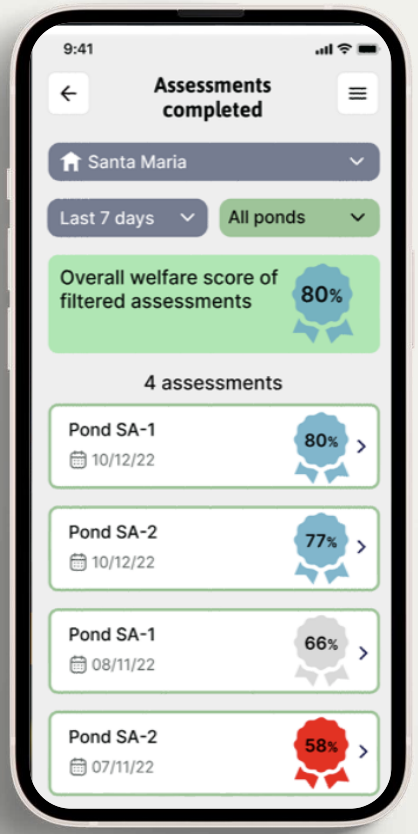
Report

Dive in to understand performance per indicator



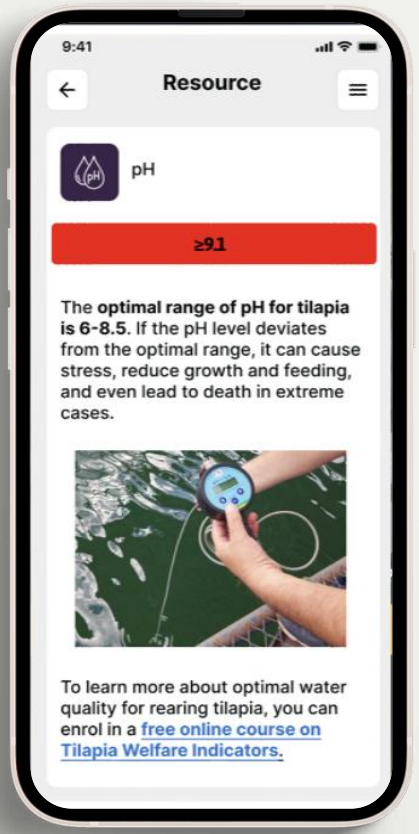
Score

Instant scoring based on 3 point scale.



Learn

Feedback and link to relevant articles and training courses



ISO 27001

> Welfare is equal to good aquaculture practices. FAI's assessment is done as part of our farm routine.

Emerson Esteves

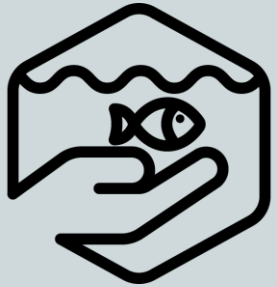
Owner
Global Peixes

www.fai.academy

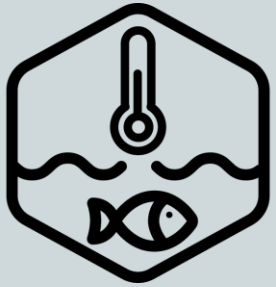
Courses:

www.fai.academy

Shrimp
Tilapia
Carp



Fish welfare



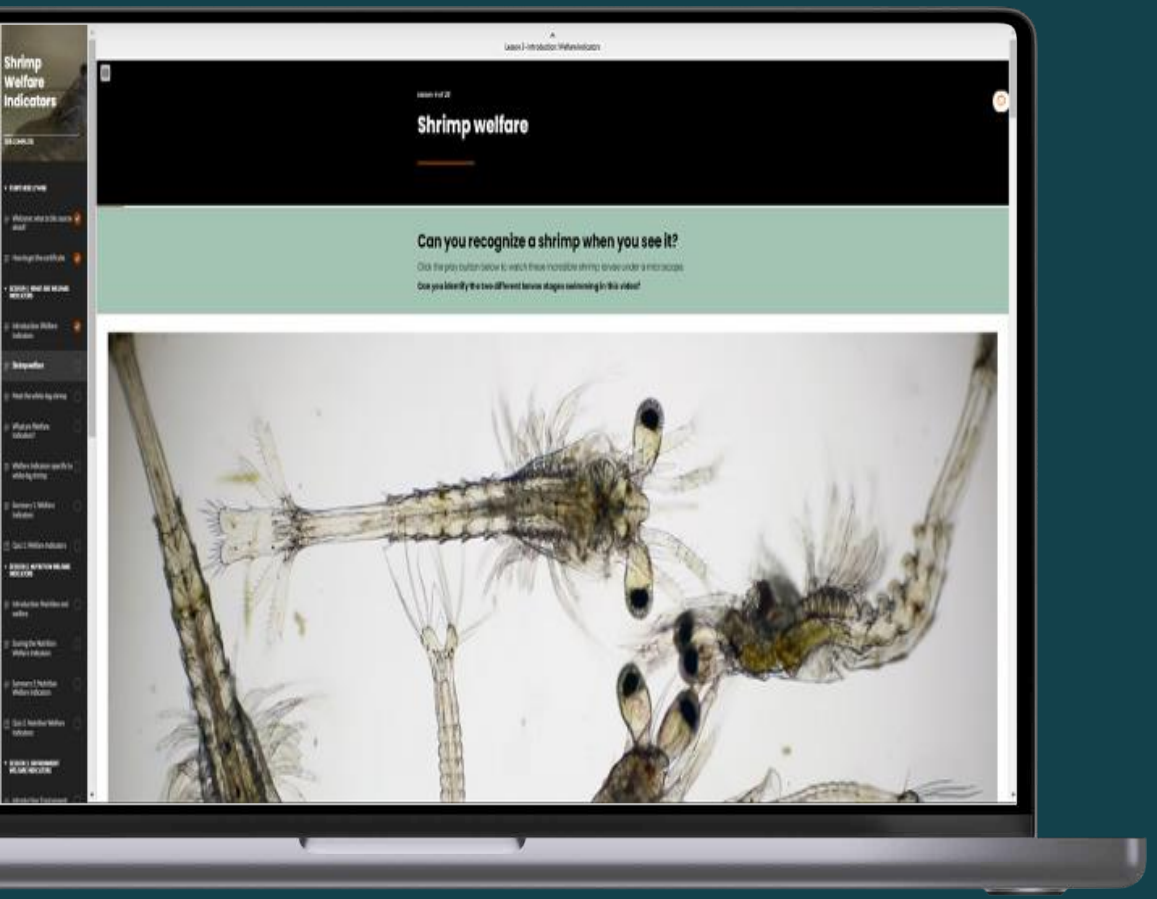
Environment & welfare

Health & welfare

Welfare indicators

Nutrition & welfare

Behaviour & welfare



ISO 27001

Assessment

Training tailored to the four assessment categories

Applied

Practical training for farmers, technicians, managers, vets

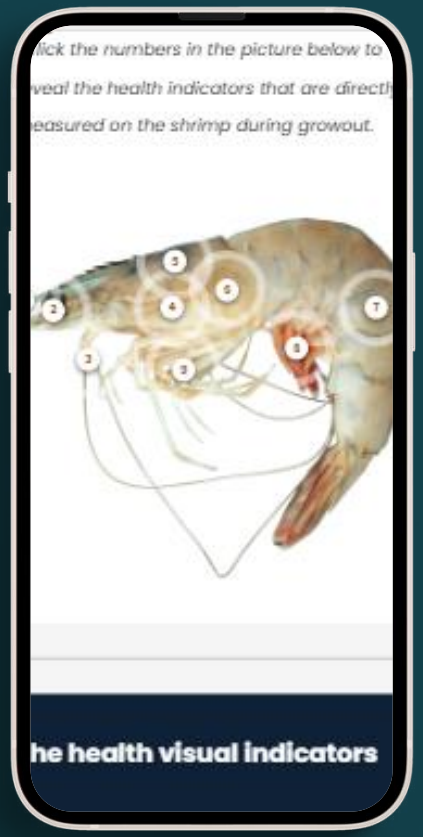
Interactive

Using best practice elearning pedagogy

Impactful

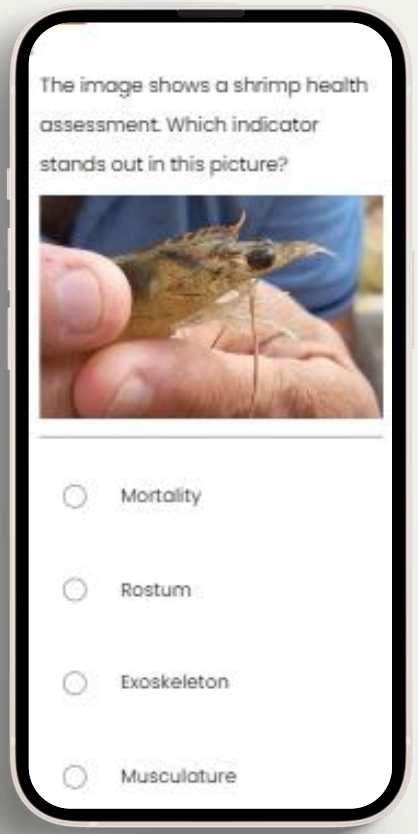
97% of learners report that using fish welfare indicators is an effective way to improve productivity

Health indicators

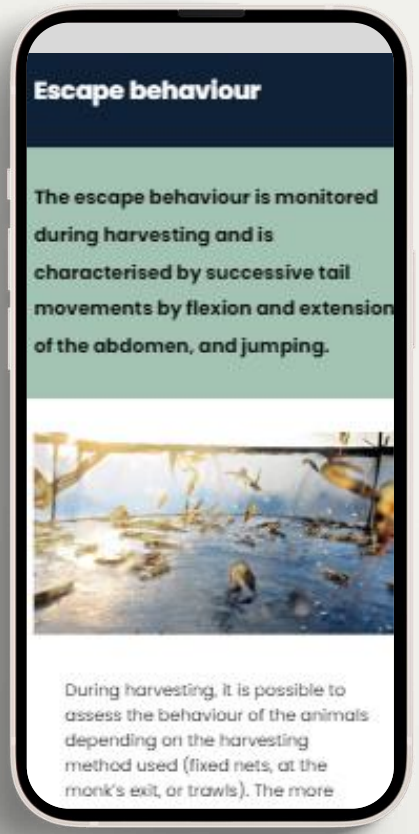


Good use of diagrams

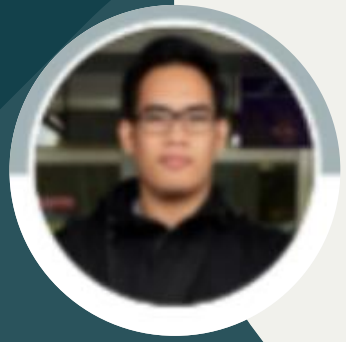
Knowledge testing



Visual examples



“These training modules make complex things easy to understand. It was enlightening for me and I shared it with my team.



Hasim Djamil

Veterinarian
Regal Springs Indonesia

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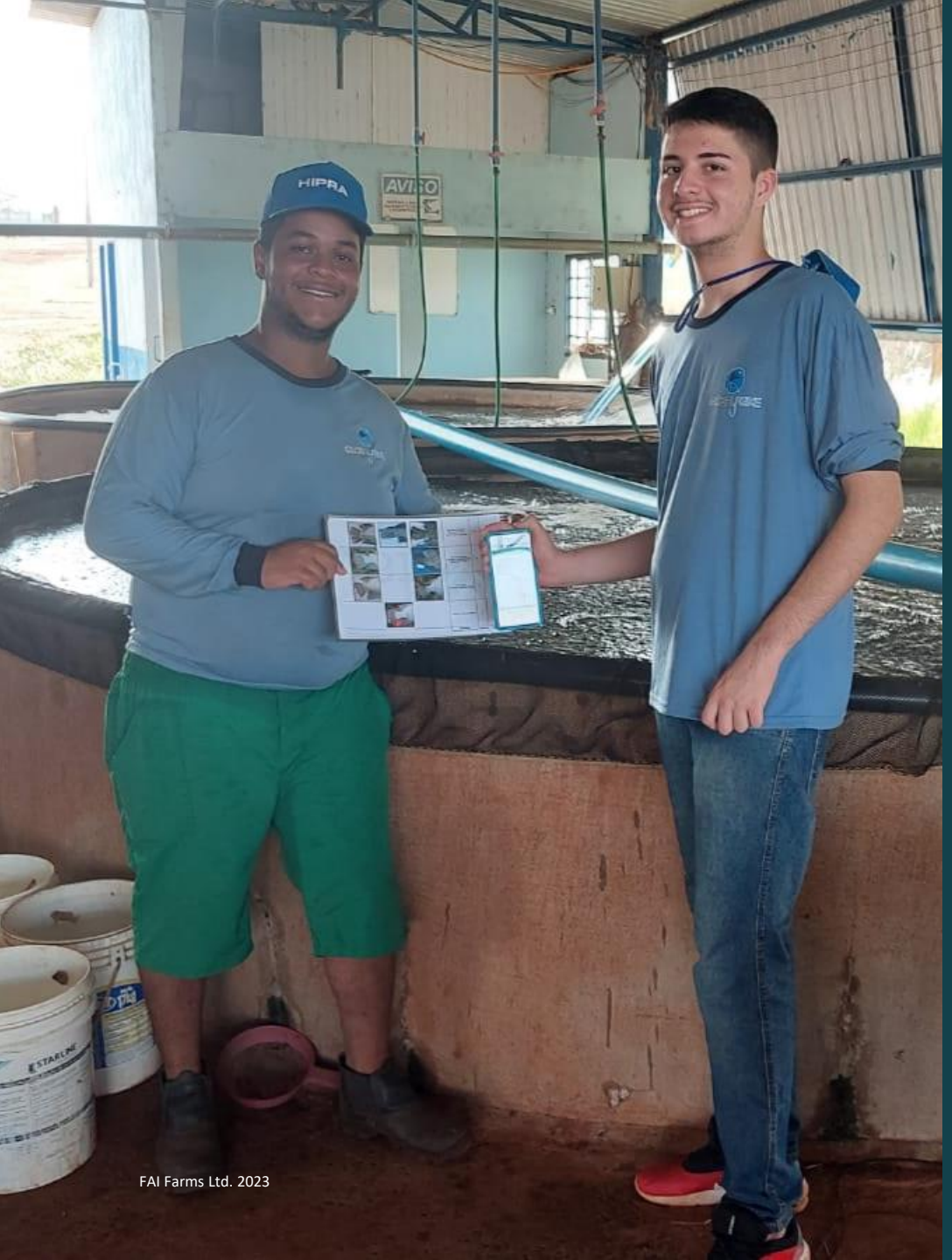

> Very visual and generally, lots of diagrams and photos. The progressive structure of the course was well realised.

Shrimp Welfare Indicators
Feedback from farmer

fai academy

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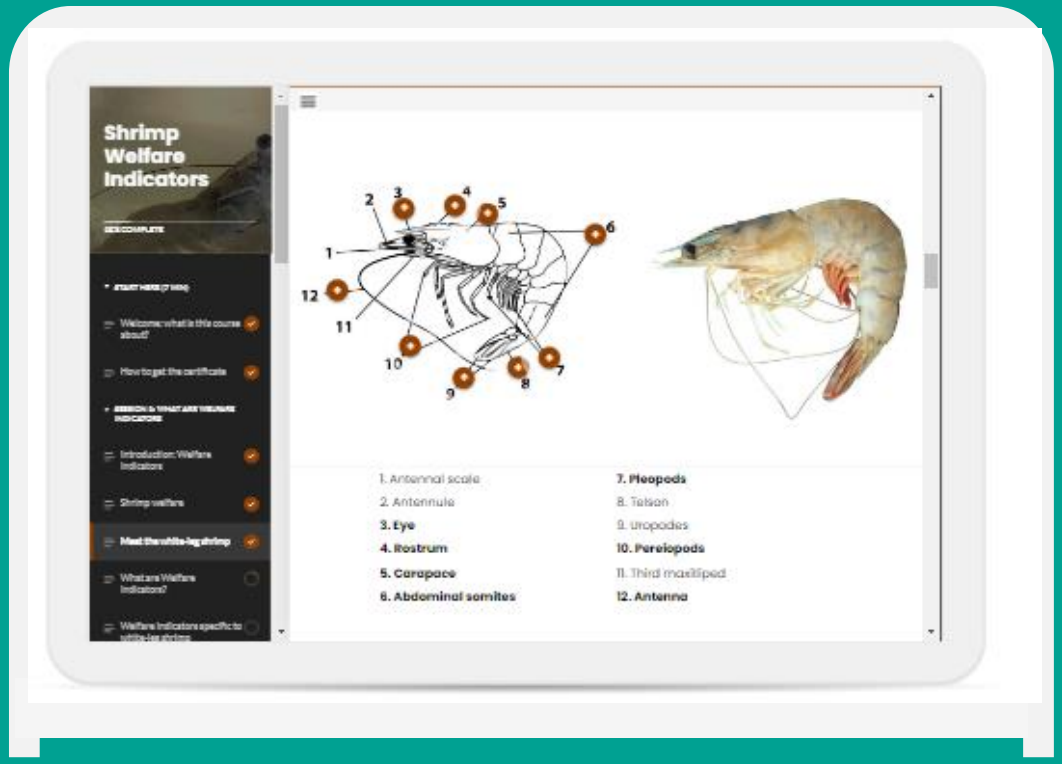

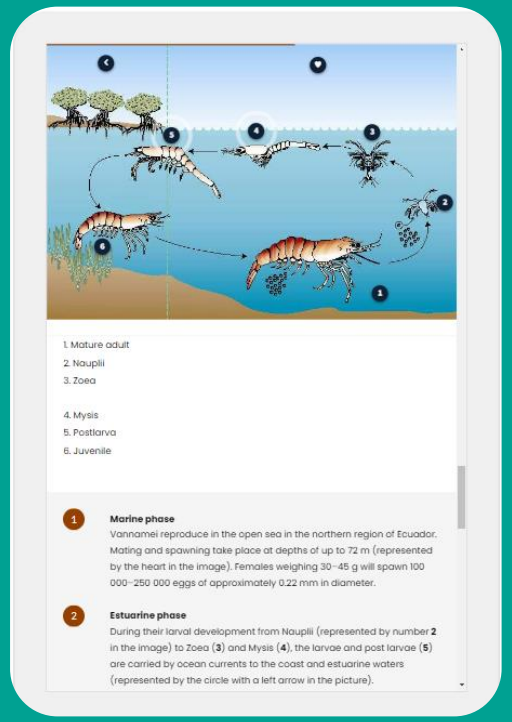

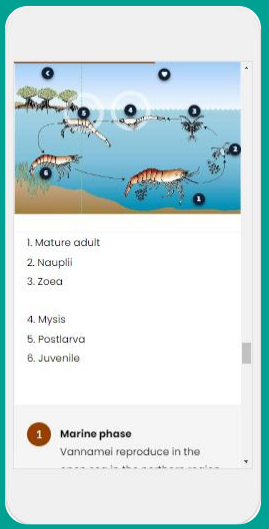

Hasim Djamil. DVM • 2nd
Veterinarian di Regal Springs Indonesia
1w • + Follow

This training module are attractive and pleasant, make some complex things simple and easy to understand. certainly, it was enlightening for me to implement a similar module and share it to my team. Massive thank Sara Barrento Øistein Thorsen
#elearning #fishwelfare #tilapia #health #aquaculture

fai academy

Certificate of Training

This is to certify that

Hasim Djamil

has completed the course on

Tilapia Welfare Indicators

and is aware of tilapia welfare, and the basic principles to assess tilapia welfare, based on the nutrition, environment, health and behavioural welfare indicators.

Find free courses on:

> I recommend the FAI courses to all my students to gain real-world applicable knowledge before they graduate.

Fernanda Leal

Professor of Aquaculture Engineering
Federal Institute of Ceará

THANK YOU!
WE LOVE QUESTIONS!
☺

Contact: welfare.aqua@faifarms.com

Ralf Onken
CTO

www.myshrimp.farm
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www.faifarms.com

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