



Adding value to shrimp with algae oil.

Sustainable Feeds session
TCRS, 24 August 2025
Ester Santigosa



Veramaris Milestones

2017



Joint venture

DSM and Evonik establish a 50:50 joint venture



2019

Facility opening

Grand opening of the production facility in Blair

Commercial launch Aqua



2023

100% utilization

Full capacity utilization achieved in Blair

Business viability proven

2022

SBTi commitment

Veramaris commits to cutting carbon emissions with a science-based target



2011

DSM acquires Martek's algal biotechnology platform

2015

Development agreement between DSM and Evonik

2017

Joint venture

2018

Launch of the Veramaris brand

2019

Facility opening

Commercial launch Aqua

2020

Expansion into Pets

2021

ASC-MSC certification

2022

SBTi commitment

Expansion into Human

2023

100% utilization

Business viability proven

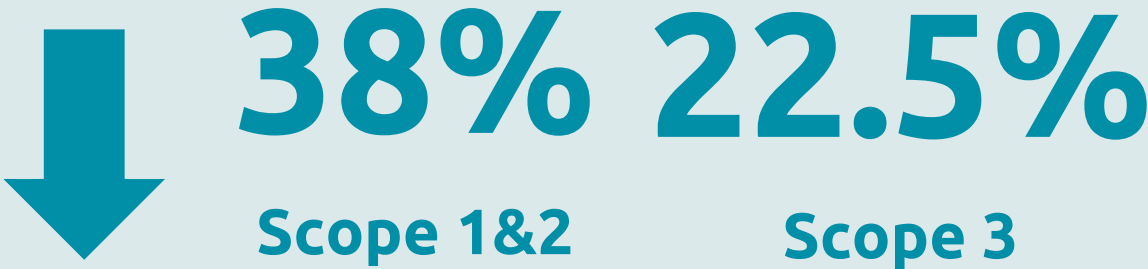
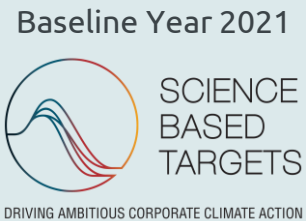
2024 →

Preparing to grow

Progress towards a more sustainable aquaculture

Reducing dietary marine footprint doesn't come at the cost of carbon footprint

Climate commitments



2024 Performance



...reduction in absolute emissions*
since our baseline year of 2021
meanwhile our production grew by...

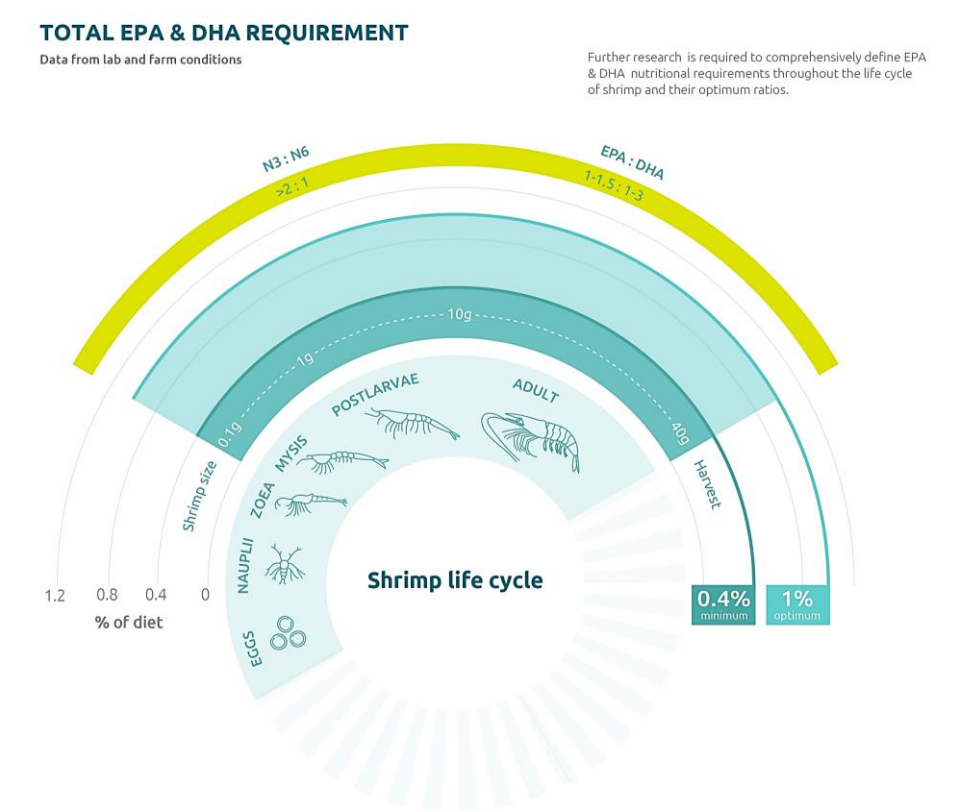


* including Verified Emission Reductions, VERs.

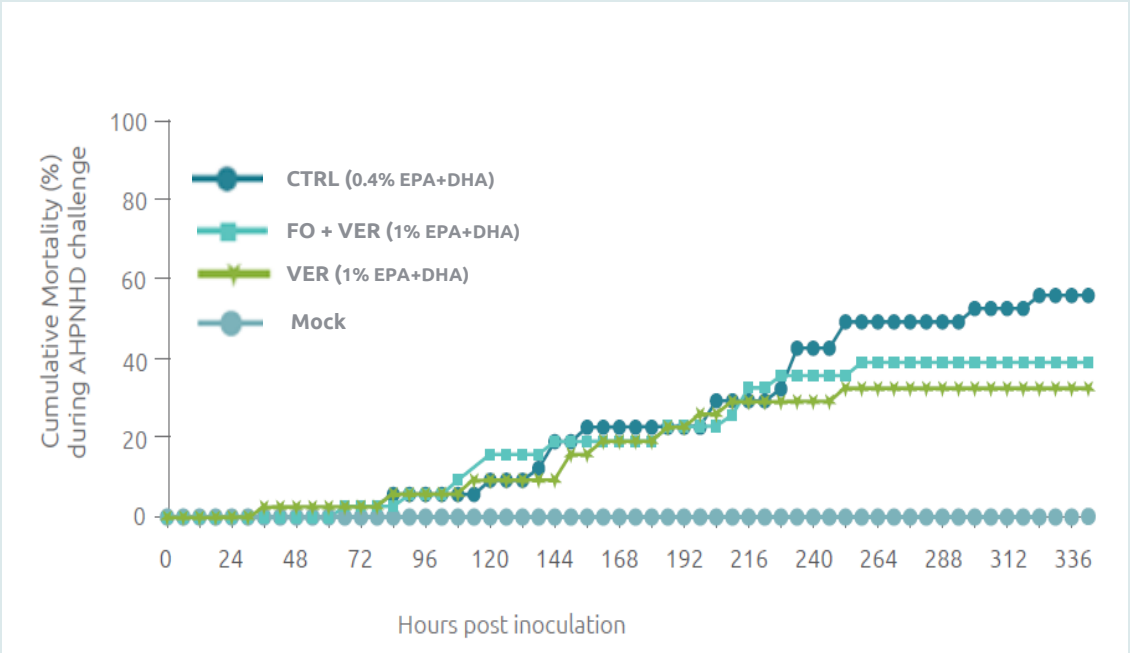
Exact PUFAs requirements of shrimp are still unknown

But we know that more is better

Veramaris Optimum Omega Nutrition guidelines for shrimp



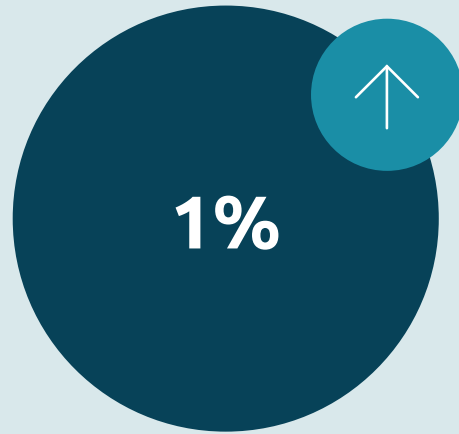
23% reduced mortality during AHPND challenge with 1% EPA+DHA



1%
EPA+DHA

Take-home messages

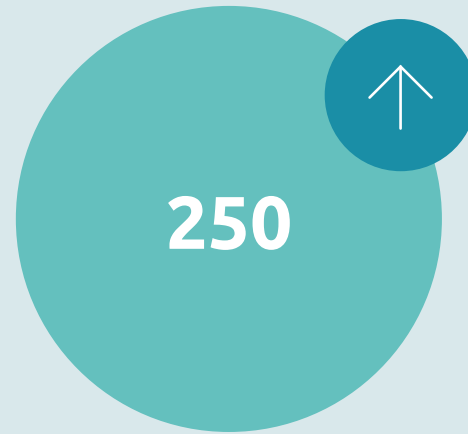
For Shrimp Health



Include 1% dietary EPA + DHA from algal oil

- Better shrimp growth (SGR + FCR)
- Follow **Optimum Omega Nutrition** Guidelines

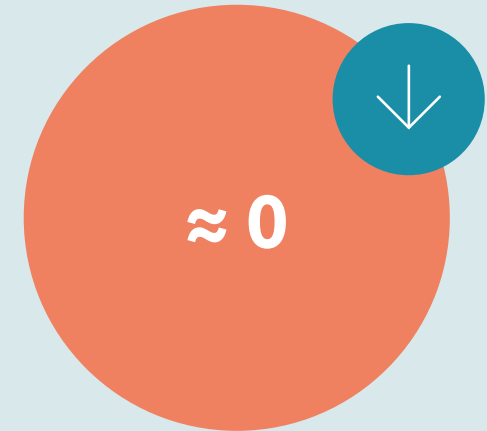
For Your Health



Increase EPA & DHA in the tail muscle towards 250 mg/100g

- Ensuring daily intake of Omega-3 fatty acids in one portion of shrimp
- Opportunity for **downstream value creation**

For Ocean Health



Reduce FFDRoil to ≈ 0

- Reducing dependency on limited forage fish for marine ingredients
- Use **FFDR Calculator** to see how Veramaris oil helps



VERAMARIS

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