

for a sustainable and profitable aquaculture





SHARE OUR VISION

The Aquaculture sector today faces very different challenges compared to livestock production and at the same time often lacks the critical mass to resolve the many bottlenecks. At Adisseo, we understand that our aquaculture customers have specific needs in terms of solutions, services and expertise. In our Business Unit Aquaculture, specialized and passionate teams are 100% dedicated to aquaculture from product development over product management to technical services and sales. All with just one goal in mind – growing your aqua business in a sustainable and profitable way.





SPECIES-SPECIFIC SOLUTIONS AND SERVICES

Aquaculture around the world is diverse in terms of species of fish and shrimp, production systems and farming conditions. Understanding the specific challenges, for each of these situations, is the starting point for all Adisseo's aquaculture solutions.

Before they are brought to market, the efficacy of our solutions has been proven under commercial conditions, in terms of feed formulation, feed processing and aqua species.

DEDICATED AQUA EXPERTISE AT YOUR SERVICE

In a young industry like aquaculture, many problems don't have a proven solution yet. That is why we work alongside our customers to optimize the application of our products. At Adisseo, we provide two aqua-specific platforms and three technological services through field-experienced professionals.

AOUA SERVICES

Aqua Nutrition Platform	Aqua Health Platform	E. lab	DiM DISSEO	in pne	
Optimize feed formulation and feed processing QC/QA of raw materials and finished feed.	Optimize disease prevention programs, using in-feed additives and complementary farm care solutions.	Analytical services	Design, Implement and Monitor liquid dosing systems	Precise Nutrition Evaluation using NIR	0

We invite you to share practical experiences with our aqua experts, so they can help to increase the productivity and profitability of your operation.









OUR UNIQUE COMBINATION OF SOLUTIONS AND SERVICES

KEY PROGRAMS

HEALTH

INNOVATIVE RANGE OF NATURAL FEED ADDITIVES TO REDUCE THE IMPACT OF DISEASE OUTBREAKS AND PARASITIC INFESTATIONS ON THE PRODUCTIVITY OF FISH AND SHRIMP

Sanacore® GM	Bacti-Nil® Aqua	Apex® Branchia	Aquastim [®]
-	•	•	•
Broad-spectrum nealth promotion	Anti-microbial action	Prevention of gill parasites	Species-specific immune modulation

DIGESTION

IMPROVING FEED COST EFFICIENCY AND FLEXIBILITY ON RAW MATERIAL CHOICE



Aqualyso®	Lipogest®	Aquagest®	Rovabio [®]
Natural emulsifiers based on lyso-phospholipids	Natural emulsifiers based on bile salts	Species-specific digestive/metabolic enhancement	Innovative range of enzyme solutions

PALATABILITY

FEED PALATABILITY SOLUTIONS TO MINIMIZE FEED WASTE AND MAXIMIZE FEED INTAKE

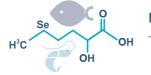


Aquabite®

Attractants and palatability enhancers

SPECIALTY NUTRITION

SPECIALTY NUTRIENTS TO SUPPORT A BALANCED FORMULATION OF AQUA FEEDS FOR ALL SPECIES OF FISH AND SHRIMP



	Nutri®-Taurus	Aquavit C	Rhodimet®	Selisseo®
н	-	•	•	•
••	Taurine	Stable source of Vitamin C	DL-methionine and DL-hydroxy methionine	Innovative source of organic selenium

FEED QUALITY

COMPLETE RANGE OF FEED ADDITIVES TO OPTIMIZE AND MAINTAIN FEED QUALITY



Nutri®-Bind Aqua	Oxy-Nil® Aqua Zero	Toxy-Nil [®] Aqua	Mold-Nil®
Low inclusion pellet binders	Ethoxyquin-free anti-oxidant	Mycotoxin inactivation	Mold inhibition

FARM CARE

FARM SOLUTIONS TO ENSURE OPTIMAL HEALTH AND ENVIRONMENTAL CONDITIONS



Nutri®-Farm P/PW/L/FE	Nutri®-Farm GUT Gold	Nutri®-Farm Stim S	Nadis
-	•	•	•
Probiotics for soil nd water management	Broad spectrum health promotor	Immune modulator for shrimp	Broad-spectrum disinfectant and virucide

APPLIED RESEARCH AS OUR FOUNDATION Being a global specialist in aquaculture additives, we

are confronted with a highly fragmented business. It covers a wide diversity of aquaculture species, feed formulations, farm technologies and diseases. We run applied research programs around the world in collaboration with specialized academic partners as well as selected customers, to develop and optimize the application of our solutions.

We are increasing our focus on R&D and innovation in aquaculture with the recently inaugurated Aquaculture Station by Adisseo (ASA); a RAS test facility at St Johns Island, Singapore.

These significant investments will enhance Adisseo's capacity in applied research, particularly focusing on long-term innovation projects that are essential to lead innovation in aquaculture.





SUSTAINABLE AND PROFITABLE **GROWTH IN AQUACULTURE**

Our passion is to work together with our customers to make it happen!

The world is hungry for fish. The demand for fish and shellfish is growing as both the world population and average wages increase. Consumer trends around the world point to an increased awareness of the health benefits of eating seafood. This growing demand has been supplied by aquaculture, which has grown at a staggering rate over the last three decades. Today over 50% of the seafood we consume is farmed. Farmed seafood production is expected to remain the fastest growing animal protein-producing industry in the next decade. Efficient farming technologies, improved genetics; along with innovations in nutrition and health management will be key to determining aquaculture's future.



This is an opportunity for aquafeed producers to consolidate their role at the centre of the value chain. Adisseo is determined to take the lead on innovation in aquafeed, supporting sustainable and profitable growth for our

The history of the BU Aquaculture began in the late nineties

Dr. Peter Coutteau and his team initiated pioneering research on the development of nutritional and health promoting concepts for a diversity of aquaculture species. Throughout the incorporation of the aqua team into Nutriad in 2009 and Adisseo in 2018, a specialized portfolio of additives has been developed for aquafeed producers. Today, our vision for aquaculture is enriched by the longstanding experience in innovation and technical excellence of Adisseo, a global leader in animal nutrition and committed to support the sustainable development of aquaculture.







DISCOVER MORE ON ADISSEO'S ENGAGEMENT IN SUSTAINABLE GROWTH



"WE ARE AIMING FOR SUSTAINABLE, REASONABLE, ENVIRONMENTALLY -FRIENDLY GROWTH THAT MEETS THE EXPECTATIONS OF OUR **CUSTOMERS AS WELL AS NEW** MARKETS."

Jean-Marc Dublanc - CEO www.adisseo.com



SOCIAL RESPONSIBILITY

SUSTAINABLE GROWTH

ENVIRONMENT

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