

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

PROGRAM 27 AUGUST 2024 WITH 4 x PANEL DISCUSSIONS FOCUSING ON VARIOUS PARTS OF THE AQUACULTURE VALUE CHAIN AND THEMES RELEVANT FOR THE INDUSTRY.

THE OBJECTIVE IS TO IDENTIFY KNOWLEDGE NEEDS AND AREAS WHERE THE INDUSTRY SEES ROOM FOR IMPROVEMENT.

10:00-11:00

Welcome remarks by anchor moderator Lise Walbom, CEO, Food Nation Denmark

GREEN SOLUTIONS FOR BLUE FOOD

Is the aquaculture industry fit for the future? Is the ambition of 'circular economy' and 'sustainability' embedded well in the aquaculture industry, and what can be done to improve? Adapting to climate, rising temperatures, and growing populations calls for new approaches to aquaculture – Is the aquaculture industry ready to meet growing demands and address external factors out of their hands?

Followed by:

PANEL DISCUSSION 1: RESOURCE MANAGEMENT WATER AS A RESOURCE

Which improvements can be made within water management when looking at water quality parameters, water recycling and water treatment approaches?

Panelists:

- Julia Lynne Overton, Biologist, AquaPri
- Paw Petersen, CEO, OxyGuard International
- Philip Haargaard Gyldenkærne, Biologist, CM Aqua Technologies

Panel moderator:

- Anette Galskjøt, CEO, Danish Export Association



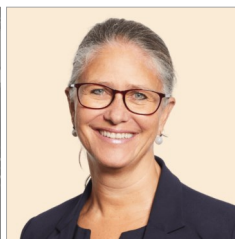
**Julia Lynne
Overton**
AquaPri



**Paw
Petersen**
OxyGuard
International



**Philip H.
Gyldenkærne**
CM Aqua
Technologies



**Anette
Galskjøt**
Danish Export
Association



**Lise
Walbom**
Food Nation
Denmark

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

11:15-12:15

PANEL DISCUSSION 2: RESOURCE MANAGEMENT TURNING WASTE TO VALUE

Handling of sludge and waste treatment in aquaculture facilities. Utilization of sludge and discharge, and the main drivers for waste treatment.

HANDLING OF BY-PRODUCTS

Optimal utilization of seafood side-streams and raw material – can further improvements be obtained looking forward?

Panelists:

- Charlotte Jacobsen, Professor in Bioactives – Analysis and Application, Technical University of Denmark, National Food Institute
- Linn Indrestrand, Head of Fishery & Maritime Services, Port of Hirtshals & Chairman, Danish Ocean Cluster
- Steffen Nielsen, CEO, Danforel
- Trevor Gent, Director of Engineering Solutions, Alumichem

Panel moderator:

- Kristine Albrechtsen, Senior Business and Project Consultant, Pisco Group

12:30-14:00

LUNCHTIME & EXHIBITION VISIT - on your own



**Charlotte
Jacobsen**
Technical
University of
Denmark



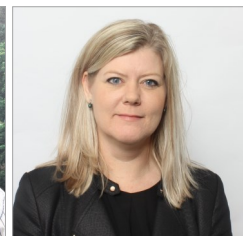
**Linn
Indrestrand**
Port of Hirtshals
& Danish Ocean
Cluster



**Steffen
Nielsen**
Danforel



**Trevor
Gent**
Alumichem



**Kristine
Albrechtsen**
Pisco Group

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

14:00-15:00

PANEL DISCUSSION 3: ENVIRONMENTAL FOOTPRINT

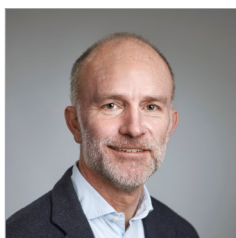
Climate smart management, food security, environmental footprint, and sustainability requirements in the aquaculture value chain. How and why are these parameters crucial for running of business going forward?

Panelists:

- Jacob Bregnballe, Sales Director, AKVA group Land Based
- Katherine Bryar, Global Marketing Director, BioMar Group
- Niels Dalsgaard, CEO, Musholm & Chairman, Danish Aquaculture Producers Organisation (DAPO)

Panel moderator:

- Lise Walbom, CEO, Food Nation Denmark



**Jacob
Bregnballe**
AKVA group
Land Based



**Katherine
Bryar**
BioMar
Group



**Niels
Dalsgaard**
Musholm
& DAPO



**Lise
Walbom**
Food Nation
Denmark

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

15:15- 16:15

PANEL DISCUSSION 4: OPTIMIZATION OF FISH FARMING OPERATIONS

Energy efficiency, energy optimization, optimal planning of labour, feed usage and effective operations are dominant topics in the industry. Which efforts are made to ensure that these parameters are met?

Panelists:

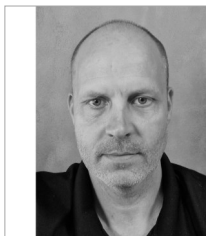
- Anders Carøe Bylling, CEO, Aller Aqua
- Kim Daugaard Andersen, Water & Aquaculture Sales Manager, Oxymat
- Steen Petersen, Partner & Co-founder, FoulingCure
- Søren Mattesen, CEO, Nordic Kingfish Hanstholm

Panel moderator:

- Kristine Albrechtsen, Senior Business and Project Consultant, Pisco Group



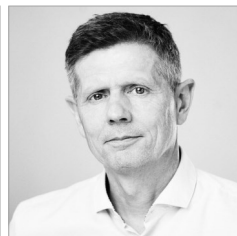
**Anders
Carøe Bylling**
Aller Aqua



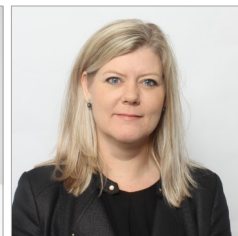
**Kim
D. Andersen**
Oxymat



**Steen
Petersen**
FoulingCure



**Søren
Mattesen**
Nordic Kingfish
Hanstholm



**Kristine
Albrechtsen**
Pisco Group



**Lise
Walbom**
Food Nation
Denmark

16:15-16:30

WRAP UP AND TAKE AWAY MESSAGES

- Lise Walbom, CEO, Food Nation Denmark

END OF PROGRAM

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

Short biographies of panelists and moderators (shown alphabetically after first name)

Anders Carøe Bylling, CEO, Aller Aqua

Anders Bylling is CEO of Aller Aqua, the fourth generation of the family-owned Danish company. Aller Aqua leverages over 60 years of industry expertise to drive sustainable innovation in aquaculture feed production. Aller Aqua delivers high-quality feed solutions that enhance fish health and farm profitability. Its strategic vision and commitment to sustainability position it as a leader in the aquaculture industry.

<https://www.aller-aqua.com/>

Anette Galskjøt, CEO, Danish Export Association

Anette Galskjøt is the CEO of Danish Export Association since 2022. Prior to this she was a diplomat in the Danish Foreign Service, serving among others as Consul General in Istanbul. Anette has held leadership positions within both the private and public sector and holds degrees in Law from Copenhagen University and Kings College, London as well as a MSc from London School of Economics.

<https://www.danishexport.dk/>

Charlotte Jacobsen, Professor in Bioactives – Analysis and Application, Technical University of Denmark, National Food Institute

Charlotte Jacobsen, Ph.D., is professor in Bioactives – Analysis and Application. She is internationally renowned for her research in lipid oxidation of omega-3 rich foods and she has received several awards including the Danish Danisco price 2003, the French La Médaille Chevreul 2010, the German DGF Normann Medaille 2020, the Stephen S. Chang award (2021), AOCS Fellow (2022), European Lipid Science Technology award (2023), Knights Cross of the Dannebrog Order. Her publication list includes more than 290 peer-reviewed manuscripts and book chapters.

<https://www.food.dtu.dk/english/>

Jacob Bregnballe, Sales Director, AKVA group Land Based

Jacob Bregnballe has been Sales Director at the Land Based division in AKVA group since 2007. He is a well-known expert in recirculation aquaculture systems (RAS) and holds a M.Sc. degree from Copenhagen University, Denmark. Jacob has a strong background from designing, R&D and engineering aquaculture projects around the world for 40 years. He has strong commercial background from managing his own land based and sea based aquaculture business for 20 years before joining AKVA group. He has also worked as an international aquaculture consultant for the FAO under the United Nations and has written the booklet "A guide to recirculation aquaculture".

<https://www.akvagroup.com/land-based/>

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

Short biographies of panelists and moderators (shown alphabetically after first name)

Julia Lynne Overton, Biologist, AquaPri

Julia is a biologist at the Danish fish farming company AquaPri. She has 20 years of broad experience in the field of aquaculture which includes hands-on experience of RAS systems in a commercial setting. Julia also has an administrative role for licensing and certification of the company's farms.

<https://www.aquapri.dk/>

Katherine Bryar, Global Marketing Director, BioMar Group

Katherine regularly engages in advocacy work sitting on several advisory panels, including the United Nations, where she bridges the needs of conservationists, governments, and businesses. Currently, Katherine is the Global Marketing Director of BioMar Group, a global aquafeed company, representing them on the UN Blue Food Partnership aquaculture group. With the feed representing around 80% of the environmental footprint of aquaculture farming, BioMar is well positioned to revolutionise the industry with a set of ambitious targets that will reduce the impact of aquafeeds while decoupling them from the human supply chain.

<https://biomar.com/>

Kim Daugaard Andersen, Water & Aquaculture Sales Manager, Oxymat

Kim Daugaard Andersen has a robust background in sales and export, particularly within the aquaculture and machinery sectors. With six years of experience in aquaculture sales at Oxymat, he specializes in Onsite Oxygen PSA systems, ensuring sustainable and cost-effective oxygen supply. Additionally, he boasts 15 years of experience in machine export sales, showcasing his extensive expertise and proven track record in these industries.

<https://oxymat.com/>

Kristine Albrechtsen, Senior Business & Project Consultant, Pisco Group

With a Global Business Engineering background and previous positions in Novo Nordisk (DK), AKVA Group (NO/DK), and Pentair (US), Kristine has 20+ years' experience with business development, design and establishment of complex industrial production facilities all over the world, hereof 10+ years within aquaculture. Kristine has been involved in multiple international RAS projects currently operational. Today, Kristine works in the independent aquaculture consultancy company Pisco (DK), mostly with Due Diligence and Feasibility Studies, with focus on establishment of environmentally and economically feasible aquaculture projects.

<https://piscogroup.dk/>

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

Short biographies of panelists and moderators (shown alphabetically after first name)

Linn Indrestrand, Head of Fishery & Maritime Services, Port of Hirtshals & Chairman, Danish Ocean Cluster

Linn works as the Head of Fishery & Maritime Services in the development department of the Port of Hirtshals. She focuses, among other things, on circular symbiosis and blue business collaboration for 100% resource utilization. In addition to being the chairman of the board at the Danish Ocean Cluster and her work at the Port of Hirtshals, she also works part-time at Giske Municipality on the establishment of a new fishing port in Gjørsund.

<https://portofhirtshals.dk/en/> & <https://danishoceancluster.com/en/>

Lise Walbom, CEO, Food Nation Denmark

Lise Walbom is the CEO of the Danish public-private partnership, Food Nation. Lise has solid professional experience in working with both public, private and political actors in the Danish food arena. Before joining Food Nation, Lise spent a decade working as a consultant in the food industry for the Confederation of Danish Industry, one of Denmark's largest employers' organization representing more than 10,000 Danish enterprises, and has previously worked within private consultancy focusing on innovation, productivity and strategy. Lise holds a MSc in Agricultural Science from the Royal Veterinary and Agricultural University (KVL) and has a diploma degree in management focusing on strategy development and coaching.

<https://foodnationdenmark.com/>

Niels Dalsgaard, CEO, Musholm & Chairman, Danish Aquaculture Producers Organisation (DAPO)

Niels Dalsgaard is CEO at Musholm A/S. Danish trout farming company, founded 1979. Full value chain aquaculture, i.e. operating hatcheries, land-based freshwater RAS for smolt, sea farms, processing, freezing and export sales. Musholm A/S subsidiary of Okamura Foods Co.Ltd, Japan, fish processing, distribution and full value chain trout farming in Japan. Chairman of Danish Aquaculture Producers Organisation (DAPO).

<https://musholm.com/en/> & <https://danskakvakultur.dk/>

Paw Petersen, CEO, OxyGuard International

Paw Petersen, an electronic engineer specializing in measurement and control technology, has been the Owner and Director of OxyGuard International since 2000. Under Paw's leadership, OxyGuard has become a global leader in water quality measuring, monitoring, and control equipment for the aquaculture industry. His innovative approach and expertise have driven the company's success and growth in providing intelligent solutions for sustainable aquaculture.

<https://www.oxyguard.dk/>

GREEN SOLUTIONS FOR BLUE FOOD AQUACULTURE INDUSTRY FORUM COPENHAGEN - 27 AUGUST 2024

AQUA 2024

Short biographies of panelists and moderators (shown alphabetically after first name)

Philip Haargaard Gyldenkærne, Biologist, CM Aqua Technologies

Philip works with water quality and chemistry in land-based aquaculture across the Nordic region, ensuring clean water and efficient nutrient use for better production with minimal waste. With a Master's from Technical University of Denmark, Philip focus on water purification, quality control, and the impacts of water quality in marine and freshwater environments.

<https://cmaqua.dk/>

Steen Petersen, Partner & Co-founder, FoulingCure

Partner and Co-founder of FoulingCure, M.Sc. in Industrial Engineering. For the last 15 years Steen has worked with the aquaculture industry – delivering turn-key projects for the Fish Feed Plants and the last 4 years, for the land based fish farms, supplying the patented cleaning system FoulingCure – that makes plate heat exchangers self-cleaning, during full operation.

<https://foulingcure.com/>

Steffen Nielsen, CEO, Danforel

For the past two years, Steffen has been in charge of Danforel, leading one of the largest producers of hot-smoked trout fillets with a processing plant and seven farming facilities based in Denmark. Previously Steffen has been working in the medical industry, leading global companies mainly in the fertility sector.

<https://danforel.com/>

Søren Mattesen, CEO, Nordic Kingfish Hanstholm

Søren is CEO of Nordic Kingfish Hanstholm since 2021. He has been working in the seafood industry since 2004 with sales, production, sustainability, and management.

<https://www.nordic-kingfish.com/>

Trevor Gent, Director of Engineering Solutions, Alumichem

Trevor has over 25 years of engineering experience, starting in Water Treatment and expanding his skills across various industries. In the past four years, he has specialized in Waste and Water Management solutions for the Aquaculture sector, working on projects in Canada, Norway, Denmark, and Sweden, with a focus on maintaining environmental permitting and licensing. Trevor holds a degree as Chemical Engineer.

<https://alumichem.com/>

Program and panel discussions are conducted by:

Martin Winkel Lilleøre / Head of Danish Export – Fish Tech
+45 6020 8557 / maw@danishexport.dk / www.danishexport.dk