



PRISM



**Aquaculture Horizons**

April 28 - 30, 2025 | Setúbal, Portugal

# Innovative Aquaculture for Sustainability: Advancing Sustainable Practices Across the Seafood Industry

28 April 2025 | Duration: 14:10 – 15:20, 1hr 10 min | Setúbal, Portugal



## Workshop Agenda:

### 14:10 - 14:15 | Opening Remarks & Introduction

- Brief introduction to the workshop theme and objectives.
- Introduction of the speakers and panellists.

### 14:15 - 14:30 | Session 1: Engagement of maritime industry in the enhancement of marine habitat and species reestablishment.

Speaker: Linn Indrestrand, Head of Fishery & Maritime Services, Port of Hirtshals, Denmark.

#### • Key Topics (10 min):

- Commercial operations at one of Europe's busiest ports.
- The ports' role in supporting education, research and species recovery.
- The benefits for the port of engaging with the lobster rehabilitation program.

#### • Active Audience Engagement: (5 min)

- Show of hands: "Is anyone else working on restorative projects with non-traditional partners?"
- Quick interactive question: "What are the biggest barriers to securing support from alternate industries to support restorative aquaculture?"

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**14:30 - 14:45 | Session 2: Research institutes supporting the development of innovative aquaculture education and restorative aquaculture practices.**

Speaker: Dr. Jean-José Filippi, Hatchery Manager, Stella Mare Marine Research Centre, Corsica.

• **Key Topics (10 min):**

- Operations overview at the Stella Mar facility, Corsica.
- Importance of the use of Recirculating Aquaculture Systems in the culture and ecological restoration of endangered species, e.g. European Spiny Lobsters.
- The key to collaborating with maritime professionals on the conservation and sustainable management of Mediterranean species.

• **Active Audience Engagement: (5 min)**

- Show of hands, "How many have worked on restorative aquaculture projects over the past 5 years?"
- Quick interactive question: "Can we list the key causes of species decline that requires the implementation of restorative aquaculture?"

**14:45 – 15:00 | Session 3: Advancements in Crustacean Culture: Spiny Lobster & Beyond**

Speaker: Prof Greg Smith, Larval Crustacean Expert, IMAS, Tasmania, Australia.

• **Key Topics (10 min):**

- What is the alternative to the development of spiny lobster hatcheries.
- The long road to commercial spiny lobster hatchery production.
- What steps are the final step to commercial spiny lobster production.

• **Active Audience Engagement: (5 min)**

- Show of hands, "If you think that technology will play a large role in the development of new sustainable aquaculture industries.
- Quick interactive question: "Is anyone in the room developing technology to bridge the capacity gap in aquaculture?"

• **15:00 – 15:15 | Session 4:**

• **Panelists: Linn Indrestrand, Dr. Jean-José Filippi, Dr Andrew Trotter and Prof Greg Smith**

• **Key Topics (15 min): Integrating Research, Industry, and Sustainability (15 minutes)**

- What is required to encourage the intersection of academia, industry, and government in driving sustainable aquaculture.
- Key challenges and opportunities in advancing sustainability across the sector.
- Actionable strategies for overcoming barriers to sustainable aquaculture.

- **Active Audience Engagement:**

- Open the floor for direct questions from the audience.
- Ask the audience: "What collaborative approaches have you seen work well in advancing sustainability?"

**15:15 – 15:20 | Session 5: Closing Remarks and Next Steps (5 minutes)**

- Recap key takeaways from each speaker's presentation.
- Call to action for continued collaboration in sustainable aquaculture.
- Final Q&A for any remaining questions or comments from the audience.
- Information on how to stay connected with the speakers and future events.

## **Workshop Speakers and Panellists:**

### **Linn Indrestrand**

Head of Fishery & Maritime Services, Port of Hirtshals, Norgeskajen 11, DK-850 Hirtshals Linn is Head of Fishery & Maritime Services at Port of Hirtshals, driving port development and visibility in the fishing industry. She recently completed a project management role at Giske Municipality, leading the development of Port of Gjøvsund, including a new national fishing port and an innovative value-driven development model for the seafood sector. Linn fosters collaboration between Gjøvsund, Hirtshals, Hitra Industrial Park, and Kysthavnen. As chairman of the Danish Ocean Cluster and board member at Hirtshals Service Group, she promotes sustainable growth, circular business models, and stronger maritime industry relationships.

### **Dr Jean-José Filippi**

Hatchery Manager and Head of Aquaculture Experiments, Stella Mare Marine Research Center, University of Corsica/CNRS Jean-José is an aquaculture research engineer with a Ph.D. in marine biology and parasitology. He specializes in RAS methods, focusing on the ecological restoration of endangered marine species. At the University of Corsica, he led successful juvenile rearing of the European spiny lobster, significantly contributing to species conservation. Dr. Filippi works bridges academic research and practical applications, collaborating with maritime professionals on conservation and sustainable management of Mediterranean species, including the European flat oyster and purple sea urchin, driving ecological and economic impacts in marine resource management.

**Dr. Andrew Trotter**

Restorative Aquaculture Expert, University of Tasmania, Tasmania, Australia Andrew is a Senior Research Fellow at the Institute for Marine and Antarctic Studies, University of Tasmania, with over 20 years of experience spanning academia, industry, and environmental consultancy. His research focuses on the intersection of aquaculture innovation, marine species conservation, and ecosystem restoration. A recognised leader in lobster aquaculture, Dr. Trotter also spearheads a conservation program for the critically endangered red handfish. His work is increasingly centered on seagrass habitat restoration—laying ecological foundations for species recovery and long-term ecosystem health. Through cross-sector collaboration and applied science, Dr. Trotter advances restorative aquaculture approaches that support sustainable seafood production while enhances marine biodiversity and ecosystem resilience.

**Professor Greg Smith**

Larval Crustacean Expert, University of Tasmania, Tasmania, Australia Greg is a leading expert in aquaculture hatchery technology with a focus on shrimp, ornamentals, and spiny lobsters. He began his career in the 1980s and owned a *Macrobrachium rosenbergii* hatchery in the 1990s. For the past 25 years, he has pioneered advances in spiny lobster culture as Director of the Australian Research Council's Industrial Transformation Hub for Sustainable Onshore Lobster Aquaculture. With significant roles at the University of Tasmania and the Australian Institute for Marine Science, he has driven industry-government collaborations to promote innovation and sustainability in aquaculture.



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