

 **18 JUNE** 2020  
Online



# integrate

Integrate Aquaculture:  
an eco-innovative solution to  
foster sustainability in the  
Atlantic Area

## VIRTUAL FINAL EVENT

Definitions of Integrated Multi-Trophic  
Aquaculture: towards a policy concept  
of IMTA in the Atlantic Area –  
bottlenecks and opportunities

**10.45 – 11:00**

### WELCOME ADDRESS

*Juan Manuel García de Lomas Mier. Managing Director, Andalusian Aquaculture Technology Centre, CTAQUA*  
*Sandra Tavares da Silva. Executive Manager, Interreg Atlantic Area Managing Authority*

**11.00 – 11:30**

### SESSION 1: INTEGRATE Project

Moderator: *Erik Malta*

#### The INTEGRATE Project

*Martha Bonnet Dunbar. Project Coordinator, CTAQUA.*

#### What does IMTA mean? Perception in the Atlantic Area and worldwide

*Jessica Ratcliff, National University of Ireland - Galway (NUIG), and Bertrand Jacquemin, Algae Technology and Innovation Centre (CEVA).*

**11.30 – 13.20**

### SESSION 2: Understanding IMTA Best-Practice in the Atlantic Area

Moderator: *Martha Dunbar*

#### PILOT ACTION 1:

- **Cultivation of *Himantalia elongata* (Sea Spaghetti): First trials on an IMTA farm**  
*Anna Soler, Irish Seaweed Consultancy (ISC).*
- **Ulva and lumpsuckers in pilot-scale recirculating-IMTA system**  
*Jessica Ratcliff, NUIG.*
- **Testing the cultivation of oysters, sea cucumbers and seaweed in a land-based IMTA system**  
*Rémy Luthringer, Agrocampus Ouest.*

**External testimonial: A perch, trout and duckweed outdoor recirculating-IMTA system in Ireland**  
*Damien Toner - BMI, Ireland's Seafood Development Agency (associated partner).*

# PROGRAMME



## PILOT ACTION 2:

- **Combining Oysters and Nori...not simple but doable**  
*Bertrand Jacquemin, CEVA.*

**External testimonial: The potentiality of macroalgae culture in Nouvelle-Aquitaine - Study applied to *Porphyra sp.*** *Cynthia Carpentier –Centre Régional d'Expérimentation et d'Application Aquacole (CREAA).*

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## 12.20 – 12:30: BREAK

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### 12.30 –13.20

## PILOT ACTION 3:

- **Towards a standard model for land-based IMTA mariculture - Two cases from southern Spain and southern Portugal: semi-extensive and semi-intensive production**  
*Gabriela Oliveira, Portuguese Institute of the Sea and the Atmosphere (IPMA), and Erik-Jan Malta, CTAQUA.*

**External testimonial: IMTA in the southern European Atlantic: advantages of its implementation**  
*Macarena Algarín, Estero Natural.*

**IMTA's environmental contribution.** *Maria Emilia Cunha, IPMA.*

**LIVE Q&A with presenters from SESSION 2.** *Martha Dunbar/Erik Malta, CTAQUA.*

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### 13.20 – 14.00

## SESSION 3: Where is IMTA in the AA heading?

Moderator: *Erik Malta*

**The importance of capitalization for knowledge transfer**  
*Lars Brunner, Scottish Association for Marine Science (SAMS).*

**Defining a Framework for IMTA development: Action Plans for the Atlantic Area**  
*Marie Lesueur, Agrocampus Ouest.*

**Where are we headed?**  
*Martha Bonnet Dunbar, CTAQUA.*

**LIVE Q&A with presenters from SESSION 3.** *Martha Dunbar/Erik Malta, CTAQUA.*

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INTERREG Atlantic Area 2014-2020 Project EAPA\_232/2016



### COORDINATOR

Fundación Centro Tecnológico Acuicultura de Andalucía  
(CTAQUA)

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