



# « Workshop on Aquatic food products and new marine value chains »

FOOD 2030 CONFERENCE



**Aquaculture: challenges for educators**

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*We must plant the sea and herd its animals ... using the sea as farmers instead of hunters. That is what civilization is all about — **farming** replacing **hunting**.*

*Jacques-Yves Cousteau, circa 1970*

**Why aren't we there yet?**

*What are the main challenges to introduce aquaculture to youngsters and the general public?*

**Ask educators!**

Workshop with marine science educators



Aquaculture in the context of food production:  
the **most efficient** ratio of feed production

Aquaculture is **ocean conservation**

Aquaculture is **farming**

## Barriers

**Lack of knowledge** to introduce the topics in school – CPDs courses

Perception that farmed fish have **contaminants** – outdated information

Importance of **certification** and **origin** for trust

Controversies and environmental impacts -  
**Present aquaculture as farming**

**Work with stakeholders:** chefs, restaurants, retailers, NGOs, politicians, consumers (Sea Food for the Future, Aquarium of the Pacific)

**Projects in school** foster critical thinking, communication skills, ownership

**Aquapony:** Possibility to combine with hydropony to produce fresh vegetables for the school (USA example)



European  
Commission

# Integrated Multi-Trophic Aquaculture (IMTA)



## Educational Kit





## Demonstrators for Science Festivals





## Suggested Actions:

Continuous Professional Development Courses  
(CPDs), MOOCs

Connect with the curriculum: **nutrition**

Go beyond the food supply question: **economy  
and job creation**

**Visits to aquaculture industry sites:** educators  
in contact with producers

## Disseminate best practice

Educational kit on IMTA (PT, Sea Change)

VLIZ initiative with mussels (BE)

Licences for schools in summer holidays (NO)

Sea for the Future (USA)

Mr Goodfish (FR, SP, IT)

Prizes for quality seafood (IRE)

**Thank You**  
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