



AQUA2018 EU EATiP Day

"FEED GLOBALLY - PRODUCE LOCALLY"

Montpellier, Le Corum, meeting room Barthez
Monday August 27 2018, 9:00-15:30

Food security and safety matter. The need for sufficient, safe and nutritious food is rapidly growing on a global scale. Through multi-stakeholder collaboration and industry-driven innovation, European aquaculture has become a highly industrialised and knowledge-intensive sector, with the potential of contributing to the aims set in the "Food from the Oceans" report, the "Food2030" Initiative, and challenges such as the 'Clean oceans' related mission presented in the Mazzucato report. The European Research and Innovation Programmes support a range of actions that promote biological, technological and socio-economic developments in aquaculture. These comprise both excellent research, close-to-market innovations, state-of-the-art research infrastructures, capacity building and international collaboration.

As a joint effort, the European Commission and EATiP are setting focus on the impact of European research for the benefit of aquaculture development within Europe as well as worldwide. Through three consecutive sessions, they present some major outcomes of technology and innovation efforts that contribute to tackle the bottlenecks and opportunities in aquaculture towards the overall goal of ensuring food and nutrition security.

09:00 Welcome by the EATiP (Alexandra Neyts, EATiP)

09:05 **SESSION 1 - Setting the scene: How can more food and biomass be obtained from aquaculture in a way that maximises the benefits for future generations?** (*chair and moderator: Sigi Gruber, European Commission DG RTD*)

Opening and introduction of the session (*Sigi Gruber, European Commission DG RTD*)

- a. Towards a sustainable and competitive European aquaculture sector: current status and future challenges (*Lorella de la Cruz Iglesias, European Commission DG MARE*)
- b. FOOD 2030: Aquaculture as a new frontier for food production (*Karen Fabbri, European Commission DG RTD*)
- c. EATiP: Research and development as a driver for achieving the sectors vision for growth (*Gustavo Larrazábal, EATiP*)

The role of mariculture in providing more food and biomass from the oceans: the Food from the Oceans Scientific Opinion (*Carina Keskitalo, European Commission's Group of Chief Scientific Advisors*)

Aquaculture in 2037 - a backcasting foresight exercise (*Tom Redd, JPI Oceans*)

Seafood 2030 - think globally, act locally. A case for sustainable aquaculture growth (*Jon Arne Grøttum, Norwegian Seafood Federation*)

Formulate and position research needs in FOOD2030 (*Katerina Moutou, University of Thessaly*)

AQUAEXCEL 2020 - Research infrastructure knowledge outputs with impact (*Marc Vandeputte, INRA*)

Aquaculture related FLAG projects (*Arthur Rigaud, FARNET*)



Panel discussion (moderator: Sigi Gruber; participants: speakers): *Positioning the role of aquaculture in food security, public health and climate challenges.*

10:40 COFFEE BREAK

11:10 SESSION 2 - Aquaculture 4.0: automation, precision farming and data systems (chair and moderator: Synnøve Helland, EATiP)

Introducing the session (Synnøve Helland, EATiP)

Digitalisation and blockchain as tools for building trust in future aquaculture (Frank Børre Pedersen, DNV-GL)

E-infrastructure supporting virtual aquaculture experiments (Martin Føre, SINTEF)

Innovative services to monitor spatial distribution of aquaculture activities (Jean-Yves Lebras, CLS)

Project presentations (8 min/project) with focus on impact: how will the project results influence aquaculture developments?

Horizon 2020 projects:

- a. SPG - Horizon 2020 SME instrument (Stein Åge Davidsen, SFD Seafarm Development)
- b. CERES, Horizon 2020-funded project (Pauline Kamermans, Wageningen Marine Research)

Panel discussion (moderator: Synnøve Helland, EATiP; participants: speakers): *Knowledge and technology as a competitive advantage in the development of a sustainable aquaculture.*

12:40 LUNCH BREAK

14:00 SESSION 3 - Sustainable global aquaculture (chair and moderator: Patrick Lavens, EATiP)

Introducing the session (Patrick Lavens, EATiP)

Communicating aquaculture across the North-Atlantic (Denis Bailly, University of Brest, Respon-SEA-ble)

Towards a win-win cooperation in global aquaculture (David Basset, EURASTiP/EATiP)

Feedback from ongoing work in different European Sea basins (Sigi Gruber, European Commission DG RTD)

Project presentations with focus on impact: how will the project results influence aquaculture developments?

Horizon 2020 projects:

- a. SYLFEED - Horizon 2020-Bio based industries Joint Undertaking (Amélie Drouault, Arbiom SAS)
- b. Genialg, Horizon 2020 EU-funded project (Philippe Potin, Sorbonne University)

Panel discussion (moderator Patrick Lavens, EATiP; participants: speakers): *How to promote international collaboration in a competitive market?*

15:20 Wrap-up and recommendations to feed into the FOOD2030 initiative.