



## **Aquaculture – July 2021 news alert (sent by email 5 August 2021)**

**This Seafish aquaculture industry news e-alert covers news items, legislation and reports.**

### **Aquaculture Common Issues Group meetings**

The minutes and presentations from all the meetings are on the [website](#).

### **Resources, policy and funding**

**University of Stirling offers a dozen fully-funded aquaculture scholarships. 11 July 2021.**

The fully-funded places for a masters degrees in aquaculture-related subjects are supported by the Sustainable Aquaculture Innovation Centre (SAIC), with funding from the Scottish Funding Council (SFC).

**Seafish briefing on new guidance from Defra on changes to seafood export health certificates from 21 August 2021. 9 July 2021.**

Defra have published updated EU export health certificates in line with recent changes to EU law. These updated certificates introduce some significant changes for shellfish exporters (especially exporters of Pacific Oysters, European Flat Oysters and farmed decapod crustaceans).

**Opportunities for collaborative large-scale research and innovation (R&I) funding for fishing and aquaculture. July 2021.**

The UK has agreed to associate to the Horizon Europe funding programme (2021-2027). This means that researchers and innovators in UK universities, research organisations and businesses can continue to compete for collaborative large-scale R&I funding. Cluster 6 of Horizon Europe has a section that focusses on enabling sustainable fisheries and aquaculture, with a wide-ranging list of challenges to be addressed by research and innovation. For further information email [Helen Sweeney](#).

### **Reports**

#### **Assessing the risks of alternative aquafeed ingredients**

- **Part 1. 26 July 2021.** Traditionally, there has been much reliance on the use of wild-caught fishery products, like fishmeal and fish oil, in feeds for aquaculture species. Alternative protein meals and oils have considerable potential to supply the required dietary nutrients for aquaculture species, but each requires a unique assessment of their compositional and nutritional variability.
- **Part 2. 2 August 2021.** An evaluation of the risks of alternative aquafeed ingredients must be considered to enable the production of safe, sustainable and functional aquafeeds. This discusses genetically modified organisms, changes to product qualities, and an overall perspective of all the risks discussed and their management.

**Precision aquaculture. Part 1. Data and evidence-based management. 26 July 2021.**

Precision aquaculture is a way to facilitate and automate aquaculture operations based on data collected at the farm level by sensors and other technology.

**France has become innovation nation for insect production. 26 July 2021.**

Some of the world's leading insect producers are emerging from France that could help advance the aquaculture industry and tackle tough environmental challenges.

**Assessing the ecosystem services of farmed shellfish. 23 July 2021.**

A new research project aims to quantify the ecosystem services provided by Ireland's shellfish aquaculture sector. Called ShellAqua, the project has four goals covering ecosystem services, life cycle datasets on mussel and oyster production, economic analysis, and knowledge transfer of methods, results and approaches

**OECD – FAO Agricultural Outlook 2021 – 2030. 19 July 2021.**

The Food and Agriculture Organization (FAO) of the United Nations foresees that by 2030 aquaculture production growth over the projection period to 19 million metric tonnes (MT), an increase of 23.0% or 2% per annum. This is slower than in the previous decade when production grew by 29 million MT (+52.7% or 4% per annum. Aquaculture production is expected to overtake capture production in 2027 and account for 52% of all fish production by 2030. Aquaculture is expected to be the main driver for the increase of fish production globally. Maintaining aquaculture growth will require increased use of other feed sources, and potentially the development of new nutrient rich feeds, as well as responsive and effective governance and increased investment, to ensure equitable regional development.

View [The Grower](#) (July 2021) issue

**Globefish market reports. 16 July 2021.**

- [Pangasius costs rising all along the supply chain as COVID-19 impact lingers.](#)
- [COVID-19 heavily impacts bivalves](#)
- [Lackluster ending to salmon market in 2020](#)
- [Bass and bream industry awaits foodservice reopening](#)
- [2020 farmed shrimp production declined in Asia but increased in Latin America](#)
- [Tilapia sector growth to resume after shaking off pandemic effects](#)

**New report. Driven to Waste: The global impact of food loss and waste on farms (July 2021)**

This new report from WWF-UK highlights how much work is needed globally in order to begin tackling this significant and overlooked hotspot of food loss and waste and how important it will be to improve the sustainability of our food systems and agriculture.

**New report. The future of feed: a WWF roadmap to accelerate insect protein in UK feeds (July 2021)**

This research was commissioned by WWF-UK and funded through the WWF-UK and Tesco partnership. This study examines how the production of insect meal might scale

up in UK pig, poultry and salmon feeds, with focus on the black soldier fly, and what this could mean for the UK's future soy and fishmeal footprint.

### **News**

#### **New tool to improve 'cleaner fish' welfare in salmon farming. 28 July 2021.**

In a new study the University of Stirling Institute of Aquaculture has established the correlation between lumpfish growth weights and welfare, and turned it into a tool farmers can use to assess the health of the fish and take remedial action if required.

#### **Groundbreaking initiative to protect vital mangrove forests funded by Aquaculture Stewardship Council (ASC). 26 July 2021.**

The new fund is providing economic incentives to local communities in Ecuador in exchange for conserving mangrove forests in a bid to reverse decades of destruction of these vital habitats.

### **Events**

**5 – 8 October 2021. [Aquaculture Europe 2021](#). Madeira, Portugal.**

### **Seafish further information**

- **Monthly fishmeal news alert.** There is also a monthly Seafish fishmeal industry news e-alert covering news items, legislation and reports. To be added to the mailing list email E: [Karen Green](#).
- [Seafish aquaculture web page](#)
- [Fishmeal news](#)

*This is an information service provided by Seafish for the UK industry and key stakeholders. The views expressed are not necessarily the views of Seafish.*