



Aquaculture – September 2021 news alert (sent by email 7 October 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](#).

Funding news

The Seafood Innovation Fund (SIF) call three opened (6 October 2021. Closing date for applications is 7 January 2022)

The UK government's Seafood Innovation Fund (SIF) is a research and development (R&D) fund that launched in July 2019. It is now part of the UK Seafood Fund under the Science and Innovation pillar. Call 3 is now open and the programme is looking to fund feasibility studies that can test new ideas or approaches to benefit the UK seafood sector.

Dorset to host England's aquaculture innovation centre (4 October 2021)

An English Aquaculture Innovation Hub is due to be developed in Dorset, in a bid to help England increase its aquaculture output ten-fold over the next 20 years.

The project has secured funding from the Marine Management Organisation (MMO), following a successful funding bid from the Dorset Coast Forum (DCF). It will start next month, with a nationwide study on the potential positive economic impacts of an establishing such a hub in Dorset and how it will help to meet the ambition set out in the English Aquaculture Strategy of increasing production 10-fold over the next 20 years.

Project aims to boost the use of renewables in aquaculture (4 October 2021)

A project to develop an energy and cost-efficient power management system for the aquaculture sector has secured up to £129,428 investment from Highlands and Islands Enterprise (HIE).

£24 million for cutting-edge science and fisheries (11 September 2021)

The UK government announced the first investment from the £100 million UK Seafood Fund to boost science and innovation in the fishing industry. Fishing businesses across the UK will now have access to £24 million of investment to develop technology, trial new gear and support world-class research to improve the productivity and long-term sustainability of the industry.

- The [Fisheries Industry Science Partnerships](#) (FISP) scheme and the existing Seafood Innovation Fund will share the funding allocated to the science and innovation part of the UK Seafood Fund. FISP will collect data to improve and share knowledge of fisheries and aquaculture to support sustainable fisheries management. The FISP scheme will open on 20 October 2021.

[Scottish aquaculture researcher awarded £1.5m for climate change study](#) (8 September 2021)

The four-year project will use data from farms in Scotland and Norway to investigate how climate change is affecting aquaculture in both the short and long-term.

[Funding support for fishing and marine businesses](#) (1 September 2021)

Fishing businesses and marine organisations have been awarded £800,000 in funding (part of the £14 million Marine Fund Scotland) to mitigate the impacts of Brexit and help the sector recover from the effects of COVID-19.

[Policy news](#)

[New report highlights Scotland's shellfish sector can aim for more global growth](#) (14 September 2021)

A new report, from Crown Estate Scotland, highlights ways in which Scotland's shellfish producers can access new markets and deliver lasting economic benefits for communities. It highlights opportunities in the UK retail and foodservice sectors, for nutritional pharmaceutical products; and possible markets for carbon off-setting or other green investment opportunities.

[Revised programme for Seafood 2040 Strategic Framework \(Seafood 2040\)](#) (September 2021)

After a year-long review process the [SF2040 programme](#) has revised the original 25 recommendations that support a thriving and sustainable English seafood industry. As a result the 25 are now 19 and continue to support the entire English seafood supply chain with concise, meaningful actions.

[New shellfish classification lists effective from 1 September 2021 to 31 August 2022.](#)

This shows shellfish classifications England and Wales 2021/22, and designated bivalve mollusc production areas in England and Wales 2021/22. It also shows how production areas are classified, the method of treatment and how to apply for classification.

[Climate change](#)

[Study of climate impact on wild Scottish salmon begins](#) (20 September 2021)

A project to gauge the impact of environmental and climate change on Scotland's wild salmon population has begun. Numbers of wild Atlantic salmon returning to Scotland have declined over the last four decades by around 40%, impacting the conservation status of many rivers in the country.

[Climate change adaptation in aquaculture sourced seafood](#) (16 September 2021)

A new report has been released looking at the potential effects a changing climate might have on aquaculture and the supply of seafood to the UK. The study focusses on salmon, bivalve shellfish, sea bass and bream, pangasius and warm water prawns, and sets out a range of adaptation actions to support industry response to climate change. The report is the result of a three-year collaboration between Seafish, the Scottish Salmon Producers Organisation, Stirling University and CEFAS.

[Study. The effects of climate change on aquaculture and implications on sustainability](#) (21 September 2021)

This article presents the results of a comprehensive literature review related to "climate change and aquaculture". It discusses the effects of climate change on aquaculture

production and sustainability implications, presents some mitigation and adaptation options that may have a wider application as well as challenges to successful adaptation and suggests prospects for future development.

Report and resources

Scottish Fish Farm Production Survey 2020 (30 September 2021)

Scotland's aquaculture sector harvested 192,129 tonnes of Atlantic salmon in 2020, a 5.8% drop from the year before, according to the latest figures from Marine Scotland Science. This is still the second highest annual level. Production tonnage of rainbow trout increased by 2% in 2020 to 7,576 tonnes.

Blue Food Assessment (15 September 2021)

The Blue Food Assessment (BFA) has published five papers which provide an uniquely detailed assessment of the various environmental pressures of aquatic food production and highlights aquatic food diversity and its nutritional contributions. Four further papers are due. The BFA is an international joint initiative that brings together over 100 scientists from more than 25 institutions. The Stockholm Resilience Centre at Stockholm University and Stanford University are lead science partners and EAT is the lead impact partner.

Ecosystem services, goods and benefits derived from UK commercially important shellfish (September 2021)

This review summarises current knowledge of the ecosystem services provided by commercially important shellfish such as molluscs and crustaceans.

News

Shanghai Declaration: Aquaculture for food and sustainable development (24 September 2021)

The Shanghai Declaration was adopted by the participants of the Conference on Aquaculture Millennium on 24 September 2021. It represents a road map to optimize the role that aquaculture can play in achieving the 2030 Agenda for Sustainable Development.

New interactive dashboard makes it even easier to find out about Aquaculture Stewardship Council (ASC) impacts (23 September 2021)

Searching for data and statistics about responsible seafood farming around the world just got easier thanks to a new and interactive Impacts Dashboard on ASC's website.

Leading Industry Stakeholders to Develop Low Emission Offshore Aquaculture (10 September 2021)

A consortium of 17 leading industry and research institutions have come together to reduce the environmental impact and improve fish welfare through innovations within offshore and closed technologies, biology, fish feeds, electrification, digitalization and logistics. The project has been granted 96 million NOK from the Norwegian Research Council.

Improving aquafeeds for sustainability, fish welfare and human nutrition (20 September 2021)

This is the first article in a series on sustainable feeds from the Green Aquaculture Intensification in Europe (GAIN) project, which is funded by the EU Horizon 2020 Fund. This article provides an introduction to some of the issues surrounding aquafeeds.

[GOAL 2021 webinar. With animal feeds under scrutiny, aquaculture can make a strong claim \(17 September 2021\)](#)

Animal feeds – both terrestrial and aquatic – account for the largest share of livestock production’s two greatest concerns: cost and environmental impact. For fed aquaculture, it’s long been understood and accepted that feeds account for 60 percent of overhead, if not more.

Events and key dates

[Free webinar. Aquaculture in the UK. Tuesday 26 October 2021 from 11am to 1pm BST.](#)

This online event, organized by the All Party Parliamentary Group on Fisheries and Seafood 2040, will consider how the aquaculture sector within each of the UK’s four nations can develop in an effective and sustainable manner, and the role of government, legislators, and the industry within this development.

Aquaculture Stewardship Council (ASC) two consultations: on the [feed standard](#) and the [welfare of farmed fish](#). Both consultations close on 31 October 2021.

The ASC is seeking views on proposed documents that will accompany the recently published ASC Feed Standard for feed mills; as well as on their recommendations on revised fish welfare indicators.

[Public input sought on new issue of BAP hatchery standard \(8 September 2021. Closing date for responses is 8 November 2021\)](#)

The Best Aquaculture Practices (BAP) Hatchery Standard Issue 2.0 is now available for public comment. The standard applies to all aquaculture hatchery and nursery facilities for finfish, crustaceans and mollusks that produce eggs and/or juvenile aquatic animals for live transfer to other aquaculture facilities and to all species covered by the any BAP farm standards.

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](#)

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