



Aquaculture – July 2022 news alert (sent by email 19 July 2022)

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 and policy news

£30 million Fast Start boost for cutting-edge start-ups (Open for applications from 11 to 26 July 2022)

Innovate UK is launching a brand new series of grants worth £30 million to back innovative UK businesses in fast starting innovation and boosting the UK economy.

Welsh Government publishes aquaculture guidance for marine planning (26 June 2022)

The Welsh Government has produced an aquaculture Sector Locational Guidance (SLG) which encourages a collaborative approach to understanding opportunities for the sustainable development of the sector.

BBSRC Business and Academia Prosperity Partnership funding of £11 million (Closing date for applications is 8 September 2022)

The Biotechnology and Biological Sciences Research Council (BBSRC) is inviting applications for funding to support established research partnerships between business and academic institutions.

Innovate UK Smart Grants (Closing date is 27 July 2022)

UK registered organisations can apply for a share of up to £25 million for game-changing and commercially viable R&D innovation that can significantly impact the UK economy. This funding is from Innovate UK, part of UK Research and Innovation.

UK SF Skills and Training Scheme (bids open in summer 2022)

The Skills and Training Scheme will provide a one-off fund of up to £10 million to improve training in the seafood industry, including the catching, processing and aquaculture sectors.

Tech focus for new Scottish aquaculture funding (8 June 2022)

The Sustainable Aquaculture Innovation Centre (SAIC) has announced it will support three new innovation projects that aim to deliver economic impact and reduce the environmental footprint of aquaculture. Valued at a combined £1.1m, the three projects have secured more than £350,000 funding from SAIC with additional support from businesses operating in Scottish aquaculture. Two of the successful projects will cover technology-led environmental monitoring, including the use of artificial intelligence (AI),

3D modelling and image-collecting remotely operated vehicles (ROVs), while the third focuses on the role of cleaner fish as an effective, sustainable treatment for sea lice.

New initiatives

BAP gets new consumer-facing website (14 July 2022)

The Global Seafood Alliance has launched a new consumer-friendly website for its Best Aquaculture Practices (BAP) programme.

ASC launches new documents to strengthen farm audits and operationalise the new Feed Standard (14 July 2022)

The Aquaculture Stewardship Council (ASC) has released revised Certification and Accreditation Requirements (CAR) and Certification Requirements for Unit of Certification (RUoC) for the ASC Farm Standards, and new CAR and RUoC documents for the Feed Standard.

30 big names in aquaculture sign on to call for action (12 July 2022)

More than 30 executives representing the international aquaculture sector issued a call to action to accelerate the development of purpose-driven aquaculture. It is the first time that sector leaders from fish production, juvenile supply, feed manufacture, fish health and investor organizations, have united behind such a shared vision.

GRI launches new aquaculture standard (28 June 2022)

Global Reporting Initiative (GRI) has published a new standard covering aquaculture, agriculture and fisheries, to keep track of, and ultimately reduce, the industries' impacts.

New Irish online Aquaculture Information Management System (28 June 2022)

The online viewer is Phase 1 of a project to develop an overall aquaculture management information system for aquaculture licences in Ireland. This is the first step in digitising the aquaculture licensing application process.

First meeting of the Scottish Aquaculture Council (27 June 2022)

Bringing together senior representatives from key organisations with interests in the industry and its environmental and community impacts, the Scottish Aquaculture Council will provide advice to help the Scottish Government realise its aspirations for the sector.

Insect farming under fire as new fish welfare benchmark is launched (23 June 2022)

Aquatic Life Institute (ALI) has launched a benchmark tool to evaluate six of the most well-known, global aquaculture certification schemes and their effectiveness with respect to aquatic animal welfare standards. It includes a ban on insect-based feed ingredients for environmental and ethical concerns.

UK launches new tool to jumpstart native oyster reef restoration (10 June 2022)

The UK Environment Agency has developed a new tool to help increase the oyster population around the English coast.

Reports

The State of World Fisheries and Aquaculture 2022 (28 June 2022)

This coincides with the launch of the Decade of Action to deliver the Global Goals, the United Nations Decade of Ocean Science for Sustainable Development and the United Nations Decade on Ecosystem Restoration.

- The growth of aquaculture, particularly in Asia, lifted total production of fisheries and aquaculture to an all-time high of 214 million tonnes in 2020, comprising 178 million tonnes of aquatic animals and 36 million tonnes of algae.
- Production of aquatic animals in 2020 was 30% higher than the average in the 2000s and more than 60% above the average in the 1990s.
- Global consumption of aquatic foods (excluding algae) has increased at an average annual rate of 3% since 1961, almost twice that of annual world population growth – reaching 20.2 kg per capita, more than double the consumption in the 1960s.
- Over 157 million tonnes – or 89% of aquatic animal production, were used for direct human consumption in 2020, a slightly higher volume than in 2018.

Road to Sustainable Aquaculture report (28 June 2022)

UK aquaculture NGO ThinkAqua has produced the foundational 'Road to Sustainable Aquaculture' document for The Blue Food Partnership of the World Economic Forum.

2022 Alltech Agri-Food Outlook (27 June 2022)

The 2022 Alltech Agri-Food Outlook, which reveals global feed production survey data and trends shaping the future, has been released. Data collected from 11th annual survey estimates that world feed production increased by 2.3% to 1.235 billion metric tons in 2021. According to the survey, top 10 countries produce 65% of the world's feed.

Seafood is about more than just the food on our plates

Seafish has updated its website providing information on the [ecosystem services and the public goods and benefits from commercial seafood species](#). Also published is the Seafish / MarFishEco report '[UK shellfish industry's role in supporting shellfish ecosystem services and public goods and benefits](#)' which considers the role that fishing and aquaculture play in maintaining and enhancing shellfish ecosystem services, delivering public goods and benefits, and the relevance of this to future marine policy development.

The Anthropology of Aquaculture (June 2022)

This includes seven case studies of the cultural/environmental history of aquaculture in diverse parts of the world (China, Australia, Egypt, Europe, South America, Canada/USA, Hawaii).

Scottish Shellfish Farm Production Survey 2021 (14 June 2022)

The publication shows Scotland's mussel and oyster farmers produced significantly more shellfish in 2021 compared to the previous year. In total, mussel production rose by 52% year-on-year from 5,661 metric tons in 2020 to 8,590t in 2021, the highest level ever recorded in Scotland.

[Effects of Harmful Algal Blooms \(HAB\) on Fish and Shellfish Species: A Case Study of New Zealand in a Changing Environment \(14 May 2022\)](#)

This review examines HAB species which are known to bloom both globally and in NZ and their effects on commercially important shellfish and fish species.

[Sustainable intensification of aquaculture using efficient nanobubble technology \(May 2022\)](#)

Devices that produce bubbles one-ten-thousandth of the size of those made by conventional aeration systems are being heralded by their developers as having a range of advantages – such as allowing increased stocking densities, reducing diseases and improving feed conversion ratios.

[Get involved](#)

[Aquaculture Innovation Forum 2022 on 6 to 7 September 2022](#)

The forum is a two-day event reuniting the aquaculture and livestock industry for extensive networking opportunities and content covering the biggest topics in aquaculture.

[Global Shrimp Forum first meeting \(6 - 8 September 2022\)](#)

The first ever Global Shrimp Forum will take place on 6 - 8 September 2022 in Utrecht, the Netherlands. The Forum is the warm water shrimp industry's first dedicated annual conference and business meeting, aiming to drive the shrimp industry towards a resilient and sustainable future.

[4th International Symposium on Advances in Marine Mussel Research \(AMMR\). 21 to 23 November 2022. Saunton Sands Hotel, North Devon.](#)

AMMR2022 offers a two and a half day meeting that will celebrate the latest in marine mussel (*Mytilus* sp.) research.

[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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