



Aquaculture Update

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ACIG, 30TH APRIL 2019

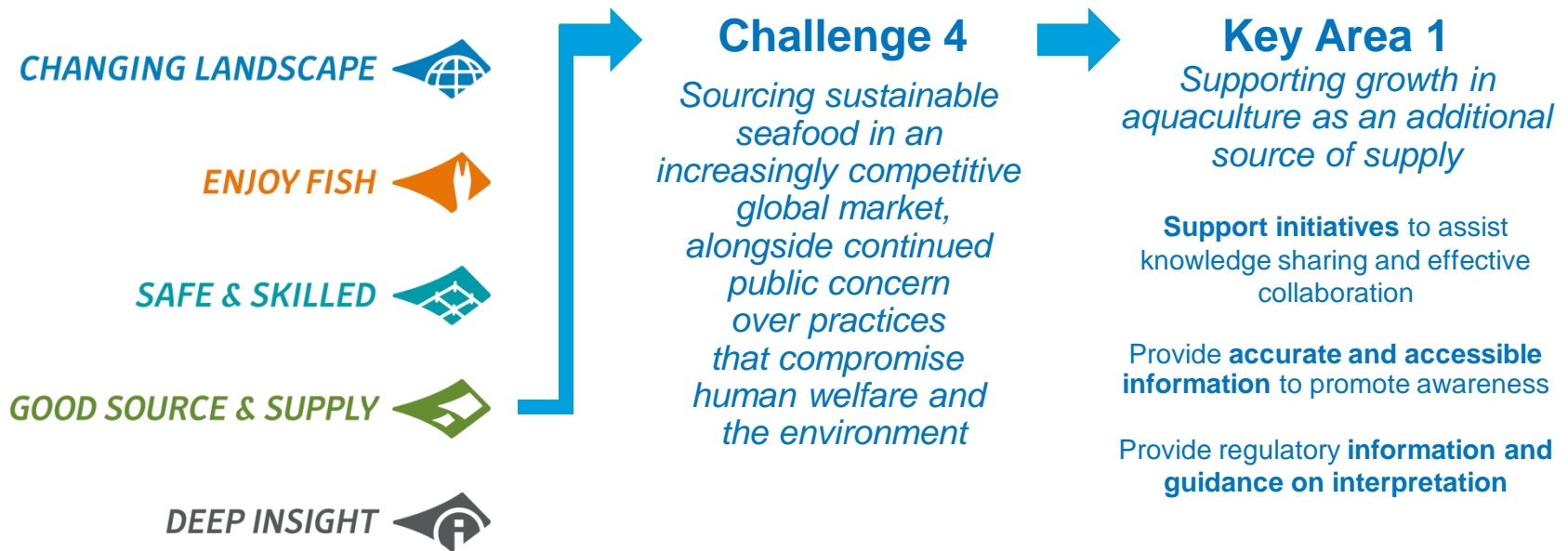


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Seafish Corporate Plan 2018-21



In collaboration with the UK seafood sector we have identified the following five key challenges



2nd Annual Plan (2019/20) is currently being finalised...



Supporting Initiatives... **seafish**

Devolved Aquaculture Leadership Groups



England

- On-going support to Seafood 2040 and the English Aquaculture Leadership Group (ALG)

Wales

- In collaboration with Fishmongers' Company facilitated exploratory meeting of Welsh aquaculture businesses
- Offer appropriate support for collective action going forward

Northern Ireland

- Talking with the Aquaculture Representative Group (ARG) on how Seafish could support its formalisation

Scotland

- On-going discussion with Marine Scotland re. it's 'UK Aquaculture Forum' and in relation to a new pan-UK group to bring all four 'national' groups together



Aquaculture and Fishing Co-Existence



- Exploring ways to:
 - Facilitate better communication and relations between the two sectors
 - Enable constructive dialogue between aquaculture and fisheries

- Scope of Work - Five Phases:

1. Establish the reality of the current UK landscape
2. Build the case for co-existence
3. Develop an approach and mechanism - 'Voluntary Code'
4. Wider stakeholder engagement and consultation
5. Test and embed a 'Voluntary Co-existence Code'

Recent availability
of latest statistics

Will continue
over AP 2019/20



Online 'One Stop Shop/s' for Aquaculture



Working alongside / support the industry, regulators, research community to develop on-line 'one stop shop' resource/s

- Already host the Cefas 'Aquaculture Regulatory Toolbox for England'
- On-going collaboration with ARCH-UK and Innovate UKs Knowledge Transfer Network (KTN) developing a new online 'UK Aquaculture Landscape' resource
 - Support ARCH-UKs concept of a regular 'UK Aquaculture Research Review'
- Possible opportunity to support 'Virtual Aquaculture Hub' being developed in the SW by Dorset and East Devon FLAG



Proposed in AP 2019/20

- A strategic review of Seafish' role in supporting the seafood industry with training – includes aquaculture
- Explore / collaborate on the development of training and guidance programme to support good occupational H&S practices for UK aquaculture businesses
- Seafish presence at Aquaculture Safety and Health Awareness Day (AquaSHAD)



Providing Information... **seafish**

New Seafish Website / Aquaculture Profiles



- Launched new Seafish website Nov. 2019
- Range of Aquaculture pages
- Aquaculture Profiles - Web Tool
- Nine Profiles available
 - Atlantic halibut
 - Cobia
 - Tilapia
 - Trout
 - Turbot
- Aim to upload Q1 AP 2019/20

The screenshot displays the "Aquaculture Profiles - Web Tool" interface. At the top left, there is a photograph of a person's hands holding a cluster of dark, shell-covered mussels. To the right of this image, the title "Aquaculture Profiles - Web Tool" is followed by a paragraph explaining that aquaculture provides half of all fish for human consumption and is resource-efficient. Below this text is a button labeled "Back to Aquaculture" with a right-pointing arrow. The main content area is a grid of nine blue-bordered boxes, each representing a different aquaculture species. Each box contains a small image of the species, its common name, its scientific name, and a yellow "Profile" button. The species included are Atlantic Salmon, European Sea Bass, Gilthead Sea Bream, Mussels, Oysters, Pangasius, Scallops, Tiger Prawn, and White Leg Prawn.










Aquaculture Profiles - Web Tool

Aquaculture now provides half of all fish for human consumption, and is one of the most resource-efficient ways to produce protein us to eat. There is a strong emphasis within the industry to continue reducing its impacts and secure itself as a sustainable source of seafood for generations to come.

Often the single or majority source of species such as Atlantic salmon, sea bass, or warm water prawns available to the UK is from aquaculture. The Aquaculture Profiles web tool offers profiles of farmed seafood that is most important to the UK market, and replaces and expands our popular Aquaculture Responsible Sourcing Guides.

[Back to Aquaculture](#) →

Aquaculture Profiles

 Atlantic Salmon <i>Salmo salar</i> Profile	 European Sea Bass <i>Dicentrarchus labrax</i> Profile	 Gilthead Sea Bream <i>Sparus aurata</i> Profile
 Mussels <i>Mytilus Edulis</i> Profile	 Oysters Profile	 Pangasius <i>Pangasianodon hypophthalmus</i> Profile
 Scallops Profile	 Tiger Prawn <i>Penaeus monodon</i> Profile	 White Leg Prawn <i>Litopenaeus vannamei</i> Profile



Water Quality Report



- One of the most significant challenges to increasing shellfish production is water quality, which can compromise market potential and impact on classification status
- Report – ***‘Intermittent Microbial Water Quality Barriers to Bivalve Shellfish Production: Improvement and Management Options for Change’***
- Seafish is in the process of engaging with Defra and regulators on the current version, with a view to the final report being available in Q1 2019/20
- The report has been an important resource in funding applications for the ***‘Developing An Assurance Scheme for Shellfish and Human Health’*** (DASSHH) project – which have been successful



The 'Size of the Prize' – Economic Assessment of UK Aquaculture



- There is a strong perception that domestic aquaculture production has significant growth potential
- However, the extent of this potential has yet to be formally quantified
- Proposed in AP 2019/20 – an economic assessment of UK aquaculture to demonstrate its potential size / value under a range of growth scenarios
- Draft internal project brief been produced, and key stakeholders to be engaged



Regulatory Guidance and Support... **seafish**

Aquaculture Regulatory Toolbox for England – Updated



Cefas guidance hosted by Seafish

- Regulatory Requirements / Guidance for English Aquaculture Businesses
 - Summary information, links and contacts on the type of licences, authorisations and permissions required to set up / run a specific business types in 14 sectors
 - **PDFs now annually reviewed by Cefas**
 - **Updated versions available since March 2019**
- Aquaculture Guidance for Regulators in England
 - Processes and flowlines for establishing classification and bio-toxin status of new offshore shellfish growing areas
 - Potential aquaculture areas in marine plans – What they mean for potential new aquaculture businesses and their relationship with MPAs
 - Clarification and guidance on the shellfish exemption from marine licensing and subsequent variations to licences
 - **PDF updated Oct. 2018**



Shellfish Purification Guidance



- Currently six Seafish Depuration Standard Design Operating Manuals – reviewed March 2018
- Clearer yet comprehensive guidance needed in terms of:
 - Explaining the fundamentals of depuration / what it's for
 - Collating and interpreting the relevant regulations
 - Providing a better understanding to businesses on:
 - The depuration process and monitoring it
 - EHO inspections; preparation / what to expect
 - Providing a better understanding to EHOs on:
 - Inspection preparation / undertaking
 - What to expect from business during an inspection
- Working with Onshore Training to develop this new guidance and to explore what 'good looks like' in terms of delivering this new information



Developing an Assurance Scheme for Shellfish and Human Health (DASSHH) Project



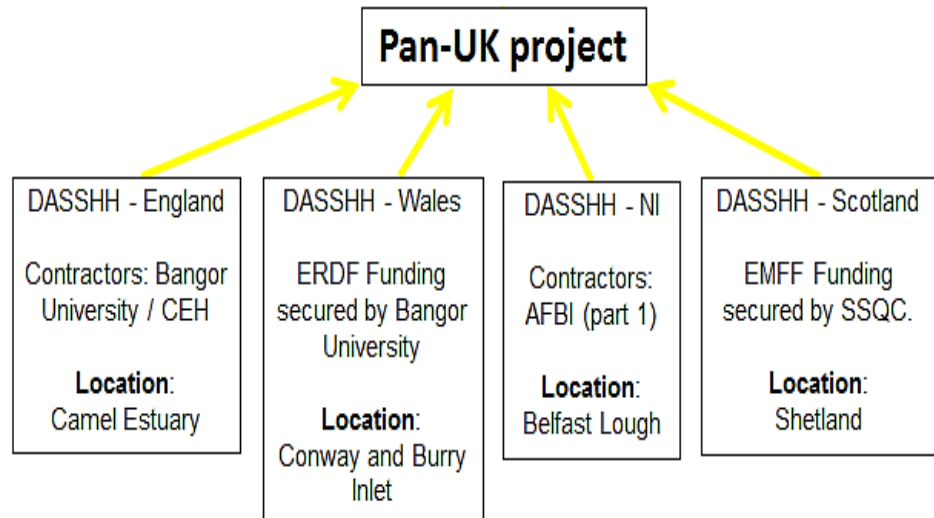
- Improve understanding of the sources of microbial contamination and how shellfish uptake varies with a range of potentially predictive environmental factors
- Assessing risk implications associated with microbial contamination and determining if there are post-harvest measures that can be used to remedy or mitigate this risk so that product is safe for consumption
- Develop a risk-based management system that:
 - Compliments the classification system
 - Enables regulators and industry to cooperate in a more flexible application of the regulatory framework
 - Provide the shellfish industry with the ability to engage in real-time management of their harvesting operations



DASSHH Continued...



- Shellfish Stakeholder Working Group (SSWG) has been Seafish facilitated since July 2017
- Seafish is facilitating this pan-UK project on behalf of the SSWG, who will provide project governance and ensure consistency between country projects
- SSWG membership will expand as country projects develop
- New aquaculture / water quality SWEEP project soon to launch
- DASSHH / SWEEP have an understanding to collaborative going forward



Thank you

Seafish Home: <http://seafish.org/>

Seafish Aquaculture: <http://www.seafish.org/industry-support/aquaculture>

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