



Horizon 2020



AQUASPACE

Ecosystem Approach to making Space for Aquaculture

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Deliverable 6.5

report on

AquaSpace Results Video

Lead Beneficiary	Scottish Association for Marine Science
Deliverable authors	Paul Tett & Andy Crabb (SAMS), Éva Kerepeczki (NARIC), Daniele Brigolin & Roberto Pastres (BlueFarm)
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Change log

This section is used to track changes through the review process.

Version	Date	Author	Reason for change
0.1	20/02/2018	PT	Initial draft
0.5	26/02/2018	EK, RP	updates for Hungary and Italy case study
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Review log

Version	Date	Reviewer	Comments
1.0			

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EXECUTIVE SUMMARY

This is a report on Aquaspace Deliverable 6.5, 'Aquaspace Results Video', due in M36. The video was made in three short parts of about 5 minutes each, dealing with case studies in Italy, Hungary and Scotland. These parts are posted on YouTube, with links embedded in the Aquaspace website at www.aquaspace-h2020.eu.

This report describes the making of the video and summarises the contents of the parts.

1. INTRODUCTION

The AquaSpace project aimed to support allocation of space to increased aquacultural production by identifying key constraints (WP2), developing tools to aid overcoming these constraints (WP3), trialling these tools in Case Studies (WP4), and synthesizing and disseminating the results (WP5, WP6). The video is a contribution to WP6.

The initial Grant Agreement (22 March 2015) included 'D6.5 : AquaSpace Results Video [due M36] Short video on the main results of AquaSpace. Published on YouTube or similar website with links from project and partner websites.' After revision of the agreement, the deliverable was described in D1.7 'Activity Plans for Years 3' in this way: 'SAMS will make and publish this short video summarising project methods and key findings, drawing on results from three example Case Studies'. This was part of modified task 6.6 'Inform future citizens and the wider public'.

It was decided to make the video in three parts, each of about 5 minutes duration, in order to make them as accessible as possible when published on YouTube. Each part stands alone, but are best viewed in the order specified.

The examples in the video were chosen to span the variety of species, methods and issues studied during Aquaspace. They are

- Italy: shellfish cultivation in the northern Adriatic
- Hungary: pond culture of carp
- Scotland: cage culture of salmon in sea-lochs of western Scotland

After selecting the Case Studies, an outline for each video was drawn up in consultation with the local Case Study leader. Visual material and interviews were collected on location, and subsequently edited into a short coherent account of the Case Study and its achievements. * means that the interview was not used in the video, but the video material is available.

2. ITALY

This video introduces the idea of ecosystem services and the need for marine spatial planning to aid their sustainable use. It was filmed in Venice, and at several locations in the Emilia-Romagna region, by Andy Crabb (SAMS) during 2 - 6 October 2017; local hosts were Roberto Pastres and Daniele Brigolin (BlueFarm).

Cameras used: Sony HXR NX70E, Sony HXR 30E and Go Pro Hero 4

Editing by Andy Crabb, using Final Cut Pro X

Locations and interviewees:

Venice (Rialto bridge and Fish Market): Prof Paul Tett (SAMS), introducing AquaSpace project

Sacca di Scardovari (lagoon in the Po delta used for clam harvesting and mussel farming) : Prof Roberto Pastres (Ca' Foscari University of Venice and Bluefarm) describing co-operative use of the lagoon's resources

Consorzio Pescatori del Polesine (shellfish processing centre in the Po delta): Emanuele Rossetti, head of the centre, describing in Italian the centre's work and the employment it provides, especially for women*

Cattolica, the harbour used by mussel farm boats: Giuseppe Prioli, current President of European Mollusc Producers Association), describing in Italian (with English subtitles) the need for marine spatial planning

Cattolica, one of the rooms of the Casa degli Pescatore: Daniele Brigolin (Ca' Foscari University of Venice and Bluefarm) showing the GIS developed by BlueFarm to find optimum locations for mussel farming in this part of the Adriatic

Marina di Ravenna: Dr Piergiorgio Vasi, head of valorization of fishery/aquaculture in the Emilia-Romagna region, commenting (in Italian, with English subtitles) on the utility of the Aquaspace Case Study in this region

Bologna, headquarters building of the Emilia-Romagna government: Dr Simona Biolcati (Environmental Unit and Information Service of Regione Emilia Romagna) talking in Italian on the issue of plastic material used in mussel farming*

Link to video on YouTube: <https://youtu.be/87QopWrBvJg>

3. HUNGARY

This video deals with the farming of carp in freshwater ponds in eastern Hungary.

It was assembled from still photographs (take at Conference center of the Körös-Maros National Park in Biharugra, on 13 January 2016) and video taken in Biharugra in November 2017, by Péter Bohák, and edited under the direction of Éva Kerepeczki (NAIK HAKI).

Cameras used: Sony HVR-S270E

Drone: GoPro Hero3 DJI2 Phantom

Editing by Tibor Dóda, using Sony Vegas, (with titles and music added by Andy Crabb using Final Cut Pro X)

Locations and interviewees:

Experimental pond system of NAIK HAKI in Szarvas: Dr Éva Kerepeczki (NAIK HAKI), introducing the case study and commenting on its components

Office of the Hungarian Aquaculture and Fisheries Inter-Branch Organisation in Budapest meeting room: Dr István Németh, President Hungarian Aquaculture and Fisheries Inter-Branch Organisation, describing pond aquaculture and commenting on the utility of the case study (in Hungarian, with English subtitles)

NAIK ÖVKI researcher's office: János Körösparti (NAIK ÖVKI), explaining the use of GIS to identify sites for ponds (in Hungarian, with English subtitles)

Conference center of the Körös-Maros National Park in Biharugra: Stakeholder workshop 13 January 2016 (still pictures)

Link to video on YouTube: <https://youtu.be/zk35LMax3rM>

4. SCOTLAND

This video presents some of the issues arising from salmon farming in Argyll in western Scotland.

Most of it was filmed by Andy Crabb in or near the SAMS laboratory (Dunbeg, near Oban) in January 2018. In addition, material collected previously at Marine Harvest's salmon farm in Loch Sunart was also used.

Cameras used: Sony HXR NX70E, Sony HXR 30E and Go Pro Hero 4

Editing by Andy Crabb, using Final Cut Pro X

Locations and interviewees:

Loch Linhe: Dr Suzi-Lynn Billing (SAMS), introducing the case study, the importance of salmon farming as a source of protein and employment, and sectoral conflicts

Loch Sunart at Camus Glas: Rosie Curtis (Farm Manager for Marine Harvest) describing employment benefits and the use of wrasse to clean sea-lice from salmon

SAMS Dunstaffnage Laboratory, meetings room: Dr David Miller (JHI) explaining visual issues and virtual reality tools used to explore them

Clachan Sound: David Ainsley (Wildlife charter boat skipper) presenting concerns about effects of salmon farming on wildlife

SAMS Dunstaffnage laboratory, library: Dr Suzi-Lynn Billing (SAMS) introducing work on tools and social acceptability, and concluding the video series with a link to the toolbox

SAMS Dunstaffnage Laboratory, meetings room: Richard Kerr, Principal Planning Officer, Argyll and Bute Council, talking about the challenges of planning aquaculture

SAMS Dunstaffnage Laboratory, JSB conference room: Dr Tom Adams describing the numerical modelling of sea-lice transport between farms

Link to video on YouTube: <https://youtu.be/qjEODBnpCms>

5. DISCUSSION

The methods and results of scientific research are typically reported in technical documents or peer-reviewed publications. The original objective in making a video report was to present a selection of methods and results in a format and style that would be more accessible to the public. However, the work proved to have several other benefits. These included additional stakeholder engagement (with the interviewees) and the development of a narrative about the project and its achievements that will contribute to the AquaSpace Final Report.