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#02- Dec. 2019

NEWSLETTER

**iFishIENCi**

Intelligent Fish feeding through Integration of  
Enabling technologies and Circular principles



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Welcome to the second newsletter of the iFishIENCi, EU funded Horizon 2020 programme. We aim towards making genuine improvements to aquaculture management and practices. With 16 partners from 8 countries, our goal is to provide new intelligent feeding technologies to support sustainable growth for the European aquaculture industry. The first year of the project has been successfully completed and a great progress has been made towards iFishIENCi's digital technology approach.

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## **iFishIENCi outreached to 85 countries at Aquaculture Europe**

More than 2700 participants from 85 countries attended this year's Aquaculture Europe event beginning of October. iFishIENCi's digital technology approach have been introduced within 5 presentations. [Read more...](#)

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**Testing microalgae as fish oil replacements**

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Norwegian Research Centre are testing the microalgae species, *Phaeodactylum tricornutum*, as a possible replacement of fish oil in salmon feed. [Read more...](#)



## Using microorganisms to grow fish

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Aller Aqua Research & Development are formulating fish feed using fungi, and both photoautotrophic and heterotrophic microalgae. [Read more...](#)



## iFishIENCi trials with Nannochloropsis powder

The first batch of Nannochloropsis powder (photoautotrophic microalgae) has been shipped to Aller Aqua Research & Development. The algae were produced using state-of-the-art tubular photobioreactors (GemTube TM) and optimized production processes by University of Bergen and the Norwegian Research Centre at the National Algaepilot Mongstad in Norway. [Read more...](#)

## Adjusting feeding to fish appetite

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University of Bergen are creating a mathematical model to identify optimal fish feeding strategies, based upon the physiology of appetite control and the behavior of fish whilst feeding. [Read more...](#)



## Video monitoring of fish thermal tolerance

Hellenic Centre for Marine Research are investigating the thermal tolerance of the European sea bass, evaluating their response to different temperatures in marine RAS systems. [Read more...](#)



## First steps to iFishIENCI's iBOSS system

iFishIENCI partners, Bioceanor and Hellenic Centre for Marine Research are deploying a real-time measurement system (AquaBOX) to analyse water quality parameters at the facilities of HCMR, in Greece. [Read more...](#)

## First Annual meeting

iFishIENCI partners summarising the project's first year achievements and progress, as well as setting up future plans



at iFishIENCi's first Annual Meeting in Berlin. [Read more...](#)



## Project introduction in Malaysia

AquaBioTech Group introduced iFishIENCi to the 9th International Fisheries Symposium in Aquaculture Systems and Management in Kuala Lumpur, Malaysia. [Read more...](#)

### Meet us at

Focus Fish International Conference (Bremerhaven, Germany)

21-22 January 2020

Register [here](#).



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