

Promoting innovation, sustainability and improving efficiencies in Irish freshwater aquaculture

www.morefish.ie

Issue 1 | March 2016



NUI Galway
OÉ Gaillimh



INTRODUCTION

MOREFISH is a multidisciplinary aquaculture project aimed at developing and testing new innovative technologies and novel processes to significantly improve production management and efficiencies at inland aquaculture sites. MOREFISH also focuses on developing holistic life cycle assessments and analysing environmental impacts for this sector with a view to further improving its sustainability. The project addresses critically important needs identified by stakeholders including advanced aeration, efficient production management and benchmarking, and deployment of next-generation pulsed light disinfection technologies. Such innovations can have key impacts including (i) enhance production efficiency and sustainability, (ii) reducing environmental impacts of aquaculture production and (iii) improving fish health and reducing finfish diseases/mortalities in rearing systems due to improved operating conditions. The project brings together a critical mass of engineering and scientific expertise, industry stakeholders and policy-makers, commercial operators and international experts.

MOREFISH will target the development of beyond-state-of-the-art approaches that will increase fish biomass yields, productivity and stocking densities, mitigate contamination and cross-infection, and reduce production costs and waste. The project is working on a number of key pilot sites (in partnership with industry) to demonstrate key innovations. These pilot sites have been strategically chosen to be representative of the inland aquaculture industry.

If you wish to contact the MOREFISH project simply e-mail: morefish@nuigalway.ie or if you wish to learn more just log onto www.morefish.ie.



The MOREFISH team at our December 2015 meeting. From L-R: Richard FitzGerald, Sarah Naughton, Neil Rowan, Eoghan Clifford, Ronan Cooney, Alan Kennedy and Alex Tahar. Absent from photo: Andy Fogarty, Richard Walsh and Siobhán Kavanagh.

THE TEAM

The MOREFISH takes a multidisciplinary approach to improving efficiencies in freshwater aquaculture. It draws on its members experience and expertise in areas such as: engineering, microbiology, ecology, aquaculture and parasitology.

The NUI, Galway team is:

- Dr. Eoghan Clifford (Principle Investigator)
- Dr. Richard Walsh (Project Manager)
- Dr. Richard FitzGerald (External Industry Advisor)
- Mr. Alan Kennedy (Research Engineer)
- Mr. Ronan Cooney (Researcher)

The AIT team is:

- Prof. Neil Rowan (AIT Principal Investigator)
- Dr. Alexandre Tahar (Post-doctoral Researcher)
- Dr. Andy Fogarty (Ecotoxicology & Microbiology)
- Dr. Siobhán Kavanagh (Microbiology)
- Ms. Sarah Naughton (Researcher)



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