

AQUAEXCEL: Access to the ACE/SeaLab SSO facility

AQUAEXCEL (AQUAculture infrastructures for EXCElence in European Fish Research) is a EU-funded project under the 7th Framework Research Infrastructures program. It gathers partners that provide a unique set of world-class infrastructures, providing researchers with excellent facilities and support to set up the highest quality experimental protocols.

Each year, AQUAEXCEL offers YOU the opportunity to access top European aquaculture facilities for research.

You will find the current deadline for applications on www.aquaexcel.eu

As partner in AQUAEXCEL, SINTEF provides access to ACE (AquaCulture Engineering), a new large infrastructure developed for testing and verification of improved and new technical and operational solutions in sea-based aquaculture. Through offering a combination of full scale facilities for different species, flexible technology test sites at different exposure levels, and state-of-the-art monitoring and communication equipment, the infrastructure will promote engineering developments for a more sustainable marine aquaculture production. ACE will focus on on-growing stages of fish species in exposed sea sites

ACE is integrated with the SeaLab SSO e-infrastructure laboratory in Trondheim. This includes support for data capture, storage and analysis of environmental and operational data. The SeaLab SSO communications infrastructure provides a secure and controlled access to ACE. This includes live video and on-line access to sensors and actuators, thus enabling remote configuration, monitoring and operation of equipment.



Fig 1: ACE utility vessel at the Tristein salmon farming site (photo: Tom Ek, ACE)

Other AQUAEXCEL objectives are:

- coordinating research activities at key research infrastructures in Europe,
- stimulating innovation through transfer of knowledge and best practice across fields of research, production systems and species,
- contributing to bridge the gap between the scientific community and the industry through stimulation of problem-based research and enhanced knowledge transfer.

More information can be found at:

www.aquaexcel.eu

<http://www.sintef.no/fish>

<http://www.aceaquaculture.com>



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