



AQUAculture infrastructures for EXCELlence
in European fish research towards 2020 —
AQUAEXCEL2020

D4.2 AQUAEXCEL²⁰²⁰ One-Stop-Access Online Portal and general website *AquaTT*



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1. Executive Summary

Objectives

The AQUAEXCEL²⁰²⁰ website is the main tool for promoting the project and disseminating the project's objectives, work plan and results to a wide audience including all stakeholders and possible end-users. To ensure successful promotion of the project, to sustain the interest of the audience and attract new users, the website's contents will be maintained, continuously updated and populated with new information throughout the project's lifetime. The website will remain active after the end of the project, as a valuable public source of research information on the subject and for promoting the outputs of publicly funded research in the domain beyond the project's lifetime.

Rationale:

The AQUAEXCEL²⁰²⁰ website was developed following the EU's best practice guidelines for project websites and a main focus when setting up the website was to present it to the audience in a clear and user-friendly way. A comprehensive search function was included in the website structure and a separate workspace for project partners is accessible through a link on the website. The website includes a comprehensive inventory of the Research Infrastructures (RIs) of Europe in form of an interactive map.

Main Results:

The AQUAEXCEL²⁰²⁰ website is available on www.aquaexcel2020.eu and was published on 30 November 2016.

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2. Introduction

A dedicated AQUAEXCEL²⁰²⁰ website has been set up following the EU Project Websites – Best Practice Guidelines. The website is a one-stop-access online portal and plays multiple roles. It is 1) a communication resource to promote the project, its objectives and partnership, 2) a communication resource to update interested parties on progress, results and outcomes, 3) a repository for public deliverables and 4) comprehensive inventory of the Research Infrastructures (RIs) of Europe.

The public project website is visually attractive and informative and includes a link to the web-based collaborative workspace to facilitate continuous project partner communication. Its objective is to facilitate communication and dissemination of the AQUAEXCEL²⁰²⁰ project and ensure project awareness to the widest possible audience. The promotion and communication of the project's objectives, progress and results through the website is of uttermost importance to maximise the project's impact on end-users and stakeholders.

The AQUAEXCEL²⁰²⁰ public website is managed by AquaTT and it will be updated on a regular basis. The continuous updating of the webpage includes the calendar, which includes all the events organised by the AQUAEXCEL²⁰²⁰ consortium as well as events where AQUAEXCEL²⁰²⁰ partners are going to be represented and any other events of interest to the partnership. The news section is regularly updated with news on the project as well as external news relevant to AQUAEXCEL²⁰²⁰. The media centre houses all dissemination products and activities including open access scientific papers, articles, press releases and the project factsheet.

New materials such as public deliverables, newsletters, and promotional material, which will be developed by the consortium during the project's lifetime, will be made available on the website. Links to the project's social media sites are available through the website. Visually attractive media such as videos, animations, and infographics will be increasingly used on the AQUAEXCEL²⁰²⁰ website.

The website includes a comprehensive inventory of the Research Infrastructures (RIs) of Europe in form of an interactive map, building upon the information from AQUAEXCEL, its precursor FP7 project.

All project partners are involved in providing new information and materials for the website and project partners will be requested to include a link to the new website on their own institution websites.

Note: At the start of the project, the website from the precursor project AQUAEXCEL has been used to disseminate project information and calls for access for AQUAEXCEL²⁰²⁰ under a designated H2020 label to enable an immediate start.

3. Results

3.1 Website Structure

3.1.1 Home

Frontpage with image(s) and text. Recent news can be found on the right side and upcoming events are showcased on the bottom of the homepage and contact details at the bottom of every page (see images below; top and bottom of homepage).



Welcome to AQUAEXCEL²⁰²⁰

AQUAEXCEL²⁰²⁰, a Horizon 2020 research infrastructure project, aims to support the sustainable growth of the aquaculture sector in Europe. **AQUAEXCEL²⁰²⁰** comprises a large group of leading European aquaculture research facilities that work towards advanced integration and standardisation of tools for aquaculture research. **AQUAEXCEL²⁰²⁰** aims to offer services tailored to the needs of the European aquaculture community and support and conduct world-class aquaculture research. Similar to the forerunner project AQUAEXCEL (2011-2015), one of the key aspects of **AQUAEXCEL²⁰²⁰** is to provide subsidised access to its top-class aquaculture facilities as well as numerous highly pertinent services for researchers from academia and industry. **AQUAEXCEL²⁰²⁰** will also provide training for transnational access users, aquaculture researchers, technical staff and industry stakeholders. The first call for transnational access will be announced here in early 2016.



SCIENTIFIC RESEARCH



NETWORKING ACTIVITIES



TRANSNATIONAL ACCESS

Interactive Map

Click the image to go to the map



Recent News

[see all](#)

Sea bream, intestinal health 16 Jan 2017
Researchers of the Nutrigenomics and Pathology Groups of the Institute of Aquaculture Torre de la Sal, in collaboration with scientific (Norwegian University of Life Sciences, Centro de Ciencias do Mar) and industrial (BIOMAR, NOREL) partners, showed...
[Read more...](#)

Our new video on biosensors for remote fish monitoring 4 Jan 2017
Check it out here: [www.AQUAEXCEL²⁰²⁰.eu/media-centre/media](http://www.AQUAEXCEL2020.eu/media-centre/media)
[Read more...](#)

4th Call for Access - NOW OPEN 16 Nov 2016
The fourth AQUAEXCEL²⁰²⁰ (AQUAculture infrastructures for EXCELlence in European fish research towards 2020) Call for Access is now open, with a deadline of 13 January 2017. For more details, check out: AQUAEXCEL²⁰²⁰ - fourth Call for Access All 3...
[Read more...](#)

Events

[see all](#)

AQUAEXCEL²⁰²⁰ at Aquaculture Europe 2016 20 - 23 Sep 2016, Edinburgh, Scotland
AQUAEXCEL²⁰²⁰ was well represented at this year's Aquaculture Europe 2016 event in Edinburgh. Dr Marc Vandeputte presented the project at the "Fostering global aquaculture development" session and AquatT's booth promoted the project through dissem...
[Read more...](#)

AQUAEXCEL²⁰²⁰ Annual Meeting | 12 - 14 Oct 2016, Heraklion, Crete, Greece
The first AQUAEXCEL²⁰²⁰ Annual Meeting (AM) took place in Crete, Greece, from 12-14 October 2016.
[Read more...](#)

AQUAEXCEL²⁰²⁰ training course 2 on "Recirculating Aquaculture Systems (RAS) Technology" 24 - 28 Oct 2016, Ifremer Sète Research Station, France
The first face-to-face AQUAEXCEL²⁰²⁰ training course, entitled "Recirculating Aquaculture Systems (RAS) Technology", organised by Ifremer, France, and Wageningen University, the Netherlands, will be held from 24-28 October 2016 in France. At a Glanc...
[Read more...](#)

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The contact details of the project coordinator as well as the communication team are displayed on the bottom of each webpage, together with the EU acknowledgement and disclaimer (see image above).

3.1.2 About

Project Overview

This section provides an overview of the project's objectives and expected results (see image below).

Home About Transnational Access Interactive Map Training Courses Media Centre

Overview

AQUAEXCEL²⁰²⁰ at a glance

Full title: AQUAculture infrastructures for EXCELlence in European fish research towards 2020



PROGRAMME: Horizon 2020 (INFRAIA-1-2014/2015)

TYPE OF ACTION: Research and Innovation Action

DURATION: 1 October 2015 – 30 September 2020 (60 months)

CONSORTIUM: 22 partners from 12 countries

COORDINATOR: Institut National de la Recherche Agronomique (INRA), France

AQUAEXCEL²⁰²⁰ is a research infrastructure project funded under the EU's Horizon 2020 programme and coordinated by the French National Institute for Agricultural Research (INRA). The project, which has started in October 2015, aims to further support the sustainable growth of the European aquaculture sector. AQUAEXCEL²⁰²⁰ will integrate a large group of leading European aquaculture research facilities and aims to advance aquaculture research and innovation in Europe. One of its key aspects will be to provide subsidised access to top-class aquaculture facilities, as well as numerous highly pertinent services for researchers from academia and industry.

Aquaculture provides about half of the fish for human consumption worldwide. The demand for fish is rising, but fisheries are not expected to grow due to fully or over-exploited fish stocks. Aquaculture production seeks to meet this increasing demand for fish, but while the aquaculture sector is growing in the rest of the world, it has stagnated in Europe in recent years. Sustainable growth of the aquaculture sector in Europe, based on efficient and environmentally responsible production of high value fish products, can be achieved by ensuring excellent scientific research and by the results being translated into innovation and industrial growth.

AQUAEXCEL²⁰²⁰ will help to achieve this target by integrating 39 top class European aquaculture research facilities that cover all relevant scientific fields, fish species and systems. The project will provide a single access portal to high-quality, harmonised services and resources tailored to the needs of the European aquaculture community, support and conduct world-class research and provide the basis for a European aquaculture innovation system from basic research to applied science.

Nearly half of the project's €9.7 million budget will go into the provision of transnational access to research facilities and harmonised services for both academic and private sector users from industry, especially SMEs. Academic and industry researchers will then be able to perform their research projects with "free of charge" access to top EU aquaculture research infrastructures which are not available in their country of origin. The first call for transnational access will be announced in 2016 on this website.

AQUAEXCEL²⁰²⁰ will also provide training for transnational access users, aquaculture researchers, technical staff and industry stakeholders. A series of face-to-face and distance learning courses on aquaculture technology and fish biology will be offered over the five year duration of the project.

AQUAEXCEL²⁰²⁰ will develop standardised guides and new tools for aquaculture research including a dedicated e-infrastructure which will support both actual and virtual research experiments. More than 10 new fish species (including Bluefin tuna, sole, and perch) will be made available for aquaculture research purposes.

The AQUAEXCEL²⁰²⁰ coordinator, Dr Marc Vandeputte, is a researcher in fish genetics and coordinates aquaculture research at INRA. He explains: "We have gained much experience in the successful forerunner-project AQUAEXCEL, which was funded by the EU from 2011 to early 2015. The new project, AQUAEXCEL²⁰²⁰ will build on the outcomes of AQUAEXCEL, such as new modelling and phenotyping tools, standardised experimental fish lines and remote access solutions – and already successful transnational access. It aims to bring aquaculture research in Europe to a new level by 2020. It will do so by providing the aquaculture community with crucial tools, facilities and novel services to conduct advanced fish research."

Consortium

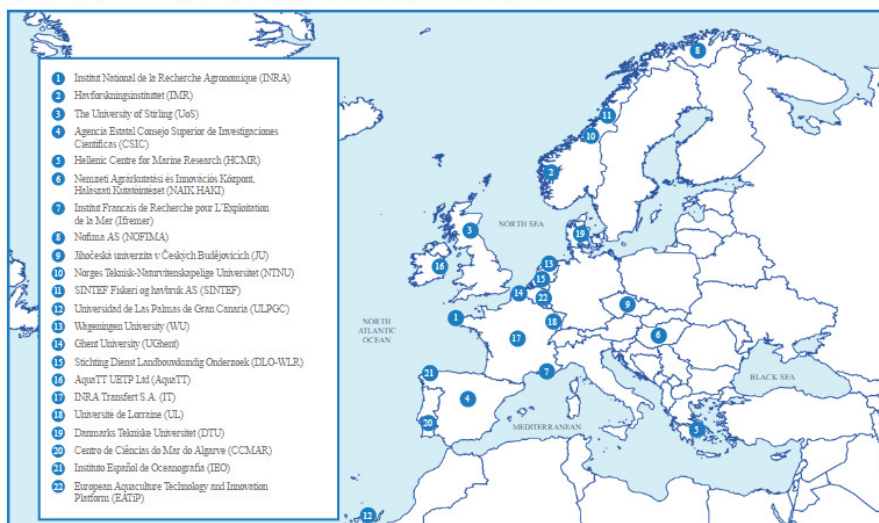
This section presents a map of the AQUAEXCEL²⁰²⁰ project consortium and gives a concise introduction to each partner participating in the project (see image below).

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Consortium


The consortium comprises 22 partners based in 12 European countries, who are considered leaders in their respective domains of expertise.

Competences combined in AQUAEXCEL²⁰²⁰ range from biological sciences (genetics, nutrition, physiology, pathology) to technology (rearing systems, engineering, information and communication technologies), and integrative expertise such as system modelling and design. The partners expertise not only covers the range of the necessary academic scientific fields but also the many species that need to be considered to propose integrated aquaculture research infrastructures, as well as the access to specific environments (freshwater and marine, cold and warm water) and scales (small, medium and industrial scale).



By clicking on the respective partner on the legend, more information will become available, including contact details, expertise, as well as role and people involved in the AQUAEXCEL²⁰²⁰ project (see example below).

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)



<http://www.inra.fr/>
 CONTACT PERSON: Dr Marc Vandeputte
 TELEPHONE: +33 4 87 13 04 07
 EMAIL: marc.vandeputte@inra.fr


Ranked the number one agricultural institute in Europe and number two in the world, the Institut National de la Recherche Agronomique (INRA) carries out mission-oriented research for high-quality and healthy foods, competitive and sustainable agriculture and a preserved and valorised environment. In aquaculture, INRA has internationally-recognized teams in fish physiology, nutrition, genetics and pathology.

ROLE IN THE AQUAEXCEL²⁰²⁰ PROJECT


INRA will coordinate AQUAEXCEL²⁰²⁰ offer access to three infrastructures dedicated to all aspects of rainbow trout research (nutrition, physiology, pathology, genetics and genomics, behaviour). Lead WP7 and will have a key involvement in WP3, 5 and 8.

The three infrastructures are:

- Experimental Trout Culture Station (PEIMA)
- Fish Nutrition Farms and Platform (STPEE)
- Fish Infectiology Platform (IERP)



Dr Marc Vandeputte



Dr Edwige Quillet

Results

This section will include all publications and public deliverables from the AQUAEXCEL²⁰²⁰ project. Publications arising from TNA projects will also be featured here under a dedicated TNA heading.

3.1.3 Transnational Access

TNA Overview

This section gives an overview of the TNA program (see image below).

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Transnational Access / TNA Overview

TNA Overview

A major feature of AQUAEXCEL²⁰²⁰ is its TNA program, allowing external teams to access the partners' facilities via submission of research proposals, which are funded based on the evaluation by an independent selection panel. Access is offered to 39 unique research infrastructures of the participating institutes, with experimental costs, travel and subsistence covered by AQUAEXCEL²⁰²⁰. The available facilities cover the entire range of production systems, environments, scales, fish species and fields of expertise. Access is available to EU and Associated States' research teams, industry, and small and medium-sized enterprises (SMEs), based on the scientific excellence of proposals and relevance to the aquaculture sector. Access is also available to third countries (countries outside the EU) on a limited basis (up to 20%).

AQUAEXCEL²⁰²⁰ will provide Transnational Access to 39 Research Infrastructures covering:

WATER ENVIRONMENTS	SPECIES	FIELDS OF EXPERTISE	AQUACULTURE SYSTEMS	FACILITY SCALES
Freshwater, Marine, Cold, Temperate and Warm Water Environments	Salmonids, Cold and Warm Water Marine Fish, Freshwater Fish and Artemia	Nutrition, Physiology, Health & Welfare, Genetics, Engineering, Monitoring & Management Technologies	Cage, Pond, Recirculation, Flowthrough, Hatchery and Disease Challenge Systems	Small, Medium and Industrial Scales

Research Infrastructures

This section lists all 39 TNA Research Infrastructures. Over the duration of the project more detailed information will be added, in addition to the information on the interactive map. (see image below).

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Transnational Access / Research Infrastructures

Research Infrastructures

AQUAEXCEL²⁰²⁰ offers research access to 39 unique aquaculture research infrastructures. The available facilities cover the entire range of production systems, environments, scales, fish species and fields of expertise. More details on each research infrastructure and their positioning on the map can be found here.

Belgium (BE)
UGent-Gen ART

Czech Republic (CZ)
JU-GRC
JU-VAPW
JU-ICS
JU-IFA

Denmark (DK)
DTU-VET

Spain (ES)
CSIC-IATS-ANA
CSIC-IATS-EXP
CSIC-IIM-EXP
IEO-AquaCOV
IEO-ICRA
IEO-MAP
ULPGC-FITU
ULPGC-MBS
ULPGC-WWSU

France (FR)
IFREMER-PEARS
INRA-IERP
INRA-PEIMA
INRA-STPEE
UL-Behaviour
UL-EPA

United Kingdom (UK)
UoS-IGA

Greece (GR)
HCMR-Aqualabs-Souda
HCMR-Omicr-Bioinfo

Call for Access

This section contains the latest call for access information and all relevant documents for applying (see image below).

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Transnational Access / Call for Access

Call for Access

**ARE YOU INVOLVED IN
AQUACULTURE RESEARCH?**





FOURTH CALL

**Apply for Fully EC-Funded
Access to Top-Class Research
Infrastructures with AQUAEXCEL 2020**

Fourth Call for Access

On a regular basis, the **AQUAEXCEL²⁰²⁰** project will invite proposals from European research groups for scientific research that utilises the facilities of any of the participating aquaculture research infrastructures. The **AQUAEXCEL²⁰²⁰** project unites major aquaculture experimental facilities with capacity to undertake experimental trials on a selection of commercially important fish aquaculture species and system types. These installations are made available to the research community for Transnational Access (TNA) with the support of the European Union's Horizon 2020 Research and Innovation Programme. Transnational Access involves a research group in one country collaborating with one or more **AQUAEXCEL²⁰²⁰** infrastructures that are located in a different country to the applicant, and which offer facilities and expertise not available in their own country.

The facilities available cover the entire range of production systems (cage, pond, recirculation, flowthrough, hatchery and disease challenge); environments (freshwater, marine, cold, temperate and warm water); scales (small, medium and industrial scale); fish species (salmonids, cold and warm water marine fish, freshwater fish and artemia); and fields of expertise (nutrition, physiology, health & welfare, genetics, engineering, monitoring & management technologies).


Interested researchers can propose projects that involve visits of one or in some cases two people to the chosen research infrastructure for periods of up to three months. Access to the research infrastructures and associated travel and subsistence expenses will be paid for under the project. The establishment of new transnational collaborations is strongly encouraged, as well as the participation by SMEs.

Application procedure

Information on the facilities offering Transnational access is available at this project website and in the documents below. Applicants are required to contact their preferred partner facility to discuss the project design and costs for the proposed project, before the submission of an application. Applications must be prepared and submitted via the TNA online application system. Each person involved in the application must first create an individual username to access the system. Further guidance on using the system is provided at that web site. Submissions must be made on or before the announced Call deadline – **13 January 2017**.

3.1.4 Interactive Map

The interactive map is based on Google maps. It contains a legend, distinguishing between Research Infrastructures (RIs) which belong to the AQUAEXCEL²⁰²⁰ TNA program and other European RIs. RIs are further categorised by university, research institute, industry and other. Filter criteria can be found below the map (see image below). For details please see section 3.2 which is dedicated to the functionality of the interactive map.



**AQUAculture Infrastructures for
EXCELlence in European fish
research towards 2020**

Search

[Intranet](#)

Home About Transnational Access **Interactive Map** Training Courses Media Centre

Interactive Map

For questions related to the map please contact AquaTT (claudia@aquatt.ie).

Open for Trans National Access in AQUAEXCEL 2020

University

Research Institute

Industry

Other

University

Research Institute

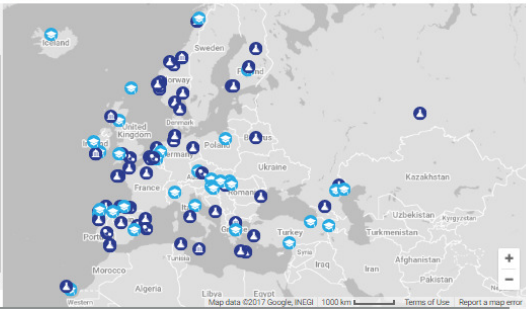
Industry

Other

Search


Add your Research Infrastructure to the map

[Login / Register](#) [Add Research Infrastructure](#)




Filter Map [Reset](#)

[Countries](#) [Expertise](#) [Main species](#) [Type of site](#) [Type of water](#)



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3.1.5 Training Courses

AQUAEXCEL²⁰²⁰ Training Courses

This section introduces the AQUAEXCEL²⁰²⁰ training courses and provides further information on past and near upcoming training courses. A promotional leaflet containing concise information on all training courses can be downloaded as well. (see image below on the right).

Home About - Transnational Access - Interactive Map Training Courses - Media Centre -

AQUAEXCEL²⁰²⁰ Training Courses

AQUAEXCEL²⁰²⁰ training courses aim to educate a new generation of aquaculture researchers and industry stakeholders to use their new knowledge, skills and tools in order to advance an innovative and sustainable aquaculture sector.

All AQUAEXCEL²⁰²⁰ training courses are multi-partner collaborations creating innovative modules that promote and enable peer-to-peer networking. The participative training design ensures exchange and mutual learning between instructors and participants from both academia and industry, and the access to research infrastructures adds particular value to the training.

The training courses transfer new knowledge and insights originating from the research and services carried out and created by AQUAEXCEL²⁰²⁰, and build upon the outputs, tools and achievements of its predecessor, the FP7-funded AQUAEXCEL project.

In total, nine state-of-the-art unique training courses will be offered between April 2016 and November 2019. Six training courses will be organised as face-to-face events and three as online distance learning courses. Course registration and attendance is free of charge but participants are expected to cover their own travel and subsistence costs. All courses are open to anyone interested in the subjects offered in the different courses.

An overview of all Training Courses offered through AQUAEXCEL²⁰²⁰ can be downloaded [here](#) or by clicking on the image.



Upcoming Training Courses – APPLY NOW

Upcoming training courses and their content as well as the application process are being updated here (see image below).

Home About - Transnational Access - Interactive Map Training Courses - Media Centre -

Upcoming Training Courses – APPLY NOW

Course 1: Experimental data management from generating protocols to sharing data (ONGOING distance learning) - APPLY NOW

Course provider: Institute of Complex Systems, University of South Bohemia in České Budějovice (Czech Republic)
Location: Online course (non-live)
Format: Three recorded lectures (each 90 minutes)

Course overview

The course will deal with best practice experimental data management, including all aspects from preparing experiment protocols to sharing data. It is based on the experimental data repository system developed in FP7-AQUAEXCEL called bioWES. bioWES is a distributed, knowledge-based repository for large datasets, typically applicable in biological and related sciences. The bioWES scientific data management solution provides full control over experiments, from protocol design, through data acquisition and processing to sharing final results.

Participants will learn how to use the bioWES system for their own experimental work, using their own protocols and real experimental data. The aim is that by the end of the course, each participant will be able to install the bioWES system, create his or her own account, create unique experimental protocols based on their own specific needs, store their own experimental data, create connections between experimental protocols, cooperate with colleagues through sharing and visualize the overview of individual project steps. The participants will also be introduced to the special functionality of the system: data processing modules, plugins for communication with measurement devices and standardization support.

The organizers will guide the users through every single step of the bioWES system, from installation to sharing of experimental data, during three one and a half hour sessions. The participant will use their own protocols and experimental data to test theoretical knowledge on real examples. The course will be available through standard Internet browser for each registered participant, and participants will be able to ask questions. It is believed that the course is particularly useful for researchers involved in AQUAEXCEL²⁰²⁰ Transnational Access (TNA) projects.

Course format

Three separate lectures of 90 minutes each, video format (previously recorded)

Registration

E-mail your registration request to aquaexcel@aquatt.ie, using the official registration form ([click here](#))

Please indicate the following in the subject: AQUAEXCEL2020 / training course # 1 (UJ)

Further information

For further information about the course content, fees and other information of interest, please [click here](#).

Past Courses

Previous courses organised by AQUAEXCEL²⁰²⁰ are accessible [here](#) (see image below).

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Past courses

Course 2: Recirculating Aquaculture System (RAS) Technology

Course organisers: Ifremer (France), Wageningen University (the Netherlands)

Location: IFREMER Site research station, France

Date: 24-28 October 2016

Course overview:

Traditionally, recirculating aquaculture systems were mainly developed in Europe to grow out freshwater species and produce marine fingerlings. However, they have become increasingly used for the on-growing of a wide variety of fish (including marine species) and shellfish. They can be operated irrespective of the target temperature and salinity, and the annual production capacity of some industrial systems can now amount to thousands of tons. Recirculating aquaculture systems (RAS) allow to maintain a constant and adjustable quality of the rearing water (i.e. temperature, oxygen, nitrogen and pathogens) therefore contributing to a more intensive and reliable production and substantial energy savings.

The objectives of this course are to review the basics of RAS and examine the different systems, designs, operations and applications. A half day will be dedicated to a RAS industry mini seminar for which we invite industry stakeholders to join.

Participants will:

- Gain solid knowledge about the principles of RAS
- Become familiar with different types of RAS, their specificities, capabilities and limitations
- Understand their advantages and the necessary conditions for their optimal use and operation
- Master the basics for RAS design and sizing
- Become aware of the ongoing research to increase the efficiency and acceptability of RAS

RAS Industry Mini Seminar (Friday 28 October 2016, 08.30 - 13.00):

A half day industry mini seminar on RAS evolution and new RAS uses, involving RAS farmers and engineering companies, will give the course participants an opportunity to exchange with industry professionals.

Industry stakeholders are also invited to attend the seminar to hear the latest discussions and scientific advances in the RAS sector, and exchange with the course participants to gain information on RAS development and needs for sustainable development in other countries within and outside the EU.

Registration:

Participants taking part in the full training course are requested to submit their CV and a brief letter of motivation. Places will be confirmed, at the latest, one month before the start of the training course.

E-mail your registration request to aquaxcel@aquatt.ie, using the official registration form ([click here](#)). Please indicate the following in the subject: AQUAEXCEL2020 / training course #2 (Ifremer)

Industry participants attending the industry mini seminar only (Friday 28 October, 08.30 - 13.00) are requested to register by submitting their affiliation and contact details via e-mail to aquaxcel@aquatt.ie. Please indicate the following in the subject: AQUAEXCEL2020 / training course #2 (Ifremer) - Industry

Deadline: Friday 09 September 2016.

Further information:

For further information about the course content, fees and other information of interest, please [click here](#).

For a full schedule of the course [click here](#), and for practical details see travel and accommodation.

Course 1: Experimental data management from generating protocols to sharing data (LIVE)

Course provider: Institute of Complex Systems, University of South Bohemia in České Budějovice (Czech Republic)

Location: Online course (live)

Date: 25 + 27 + 29 April 2016 (3-day course, 90 minutes per day: 10.00 - 11.30hrs CEST)

Course overview

The course will deal with best practice experimental data management, including all aspects from preparing experiment protocols to sharing data. It is based on the experimental data repository system developed in FP7 AQUAEXCEL called bioWES. bioWES is a distributed, knowledge-based repository for large datasets, typically applicable in biological and related sciences. The bioWES scientific data management solution provides full control over experiments, from protocol design, through data acquisition and processing to sharing final results.

Participants will learn how to use the bioWES system for their own experimental work, create their own protocols and use experimental data. The aim is to share knowledge and skills.

3.1.6 Media Centre

Events

The events calendar contains conferences, meetings and events of the project, where the project will be represented as well as other events which are relevant to the project consortium and its community.

Some events that people from the AQUAEXCEL²⁰²⁰ consortium have attended are also featured here (see image below).

Featured event

AQUAEXCEL²⁰²⁰ Annual Meeting | 12 - 14 Oct 2016, Heraklion, Crete, Greece

The first AQUAEXCEL²⁰²⁰ Annual Meeting (AM) took place in Crete, Greece, from 12-14 October 2016.

[Read more...](#)


Events List



AQUAEXCEL²⁰²⁰ training course 2 on "Recirculating Aquaculture Systems (RAS) Technology", Ifremer Sète Research Station, France

24 - 28 Oct 2016

The first face-to-face AQUAEXCEL²⁰²⁰ training course, entitled "Recirculating Aquaculture Systems (RAS) Technology", organised by Ifremer, France, and Wageningen University, the Netherlands, will be held from 24-28 October 2016 in France. At a Glanc...

[Read more...](#)

[List View](#)
[Calendar View](#)

Filter events by

[- Any -](#)
[Consortium](#)
[Example Category](#)
[Test Category](#)

Past events

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AQUAEXCEL²⁰²⁰ Annual Meeting, Heraklion, Crete, Greece

12 - 14 Oct 2016

The first AQUAEXCEL²⁰²⁰ Annual Meeting (AM) took place in Crete, Greece, from 12-14 October 2016.

[Read more...](#)



1st IRAP Meeting, Heraklion, Crete, Greece

11 Oct 2016

The first AQUAEXCEL²⁰²⁰ Industry and Research Advisory Panel (IRAP) meeting took place prior to the AQUAEXCEL²⁰²⁰ Annual Meeting, in the afternoon on 11 October 2016. Currently, the panel consists of seven industry experts, nine AQUAEXCEL²⁰²⁰ work...

[Read more...](#)



AQUAEXCEL²⁰²⁰ at Aquaculture Europe, Edinburgh, Scotland

20 - 23 Sep 2016

AQUAEXCEL²⁰²⁰ was well represented at this year's Aquaculture Europe 2016 event in Edinburgh. Dr Marc Vandepitte presented the project at the "Fostering global aquaculture development" session and AquaTT's booth promoted the project through dissemi...

All events are also shown in a calendar view (for a switch in views, see image below).

Home About - Transnational Access - Interactive Map Training Courses - Media Centre -

Featured event

AQUAEXCEL²⁰²⁰ Annual Meeting | 12 - 14 Oct 2016, Heraklion, Crete, Greece

The first AQUAEXCEL 2020 Annual Meeting (AM) took place in Crete, Greece, from 12-14 October 2016.

[Read more...](#)



Events Calendar

January 2017							month	week
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
1	2	3	4	5	6	7		
8	9	10	11	12	13	14		
15	16	17	18	19	20	21		
22	23	24	25	26	27	28		
29	30	31	1	2	3	4		
5	6	7	8	9	10	11		

List View

Calendar View

News

News relevant to the project is continuously added to this section (see image below).

Home About - Transnational Access - Interactive Map Training Courses - Media Centre -

News List



Sea bream, intestinal health

16 Jan 2017

Researchers of the Nutrigenomics and Pathology Groups of the Institute of Aquaculture Torre de la Sal, in collaboration with scientific (Norwegian University of Life Sciences, Centro de Ciências do Mar) and industrial (BIOMAR, NOREL) partners, showed within the AQUAEXCEL (a predecessor of AQUAEXCEL²⁰²⁰) and ARRANA EU projects that butyrate supplementation helps to preserve intestinal function in fish which are fed plant-based diets. The article has been published in PLoS ONE 11(1):e0166564

[Read more...](#)



Our new video on biosensors for remote fish monitoring

4 Jan 2017

Check it out here: www.AQUAEXCEL²⁰²⁰.eu/media-centre/media

[Read more...](#)



4th Call for Access - NOW OPEN

16 Nov 2016

The fourth AQUAEXCEL²⁰²⁰ (AQUAculture Infrastructures for EXCELlence in European fish research towards 2020) Call for Access is now open, with a deadline of 13 January 2017. For more details, check out: AQUAEXCEL²⁰²⁰, fourth Call for Access All 39 Aquaculture Research Infrastructures located in 11 countries are available for access through the 4th AQUAEXCEL²⁰²⁰ call.

[Read more...](#)



3rd Call for Access open - APPLY NOW

7 Oct 2016

The third AQUAEXCEL²⁰²⁰ (AQUAculture Infrastructures for EXCELlence in European fish research towards 2020) Call for Access is now open, with a deadline of 14 October 2016. On a regular basis, the AQUAEXCEL²⁰²⁰ project invites proposals from European research groups for scientific research that utilizes the facilities of any of the participating aquaculture research infrastructures. The AQUAEXCEL²⁰²⁰ project unites major aquaculture experimental facilities who have the capacity to undertake...

[Read more...](#)

Filter news by

- Any -

Consortium

Example Category

Test Category

1 2 Next > Last >

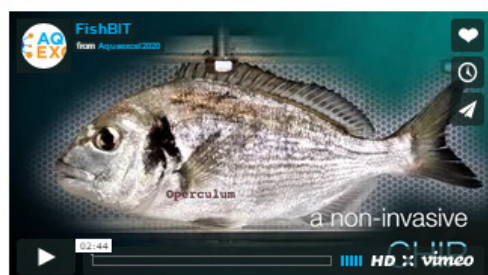
Media

Electronic materials such as newsletters, press releases, videos and other promotional material developed by the project consortium are uploaded in this section as they become available (see image below).

Home About Transnational Access Interactive Map Training Courses Media Centre

Media

Video - biosensors for remote fish monitoring (WP8)



FishBIT from Xènia Pérez Sitjà on Vimeo.

Factsheet

The factsheet gives you a quick overview of what AQUAEXCEL²⁰²⁰ is about. Click on the image below to view and download it.

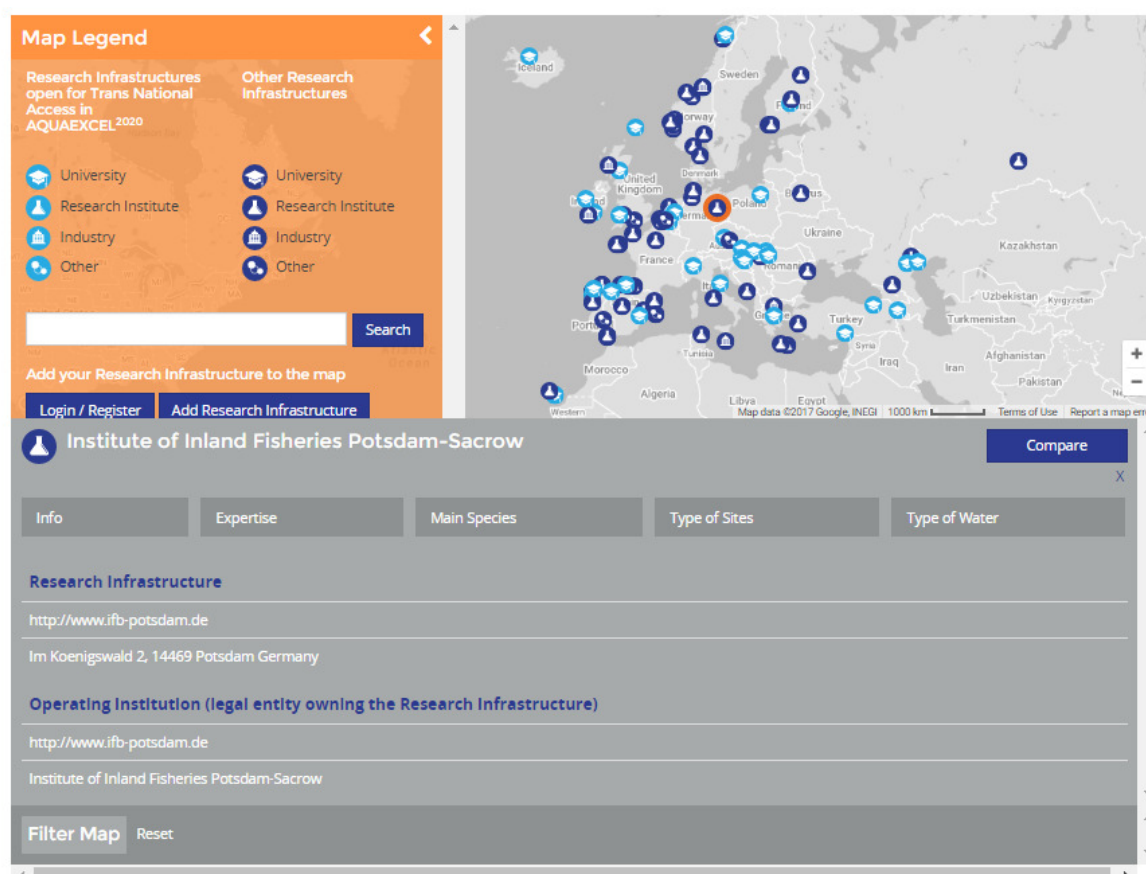


3.2 Interactive Map

A main feature of the project website is a comprehensive inventory of the Research Infrastructures (RIs) of Europe in the form of an interactive map. Building on the consensus that the scientific community, industry stakeholders and policy-makers would benefit from a comprehensive inventory of the RIs of Europe, AQUAEXCEL²⁰²⁰ further developed the all-inclusive inventory of the aquaculture RIs in Europe that was set up in FP7-AQUAEXCEL. The aim is to grow the inventory into the most complete and dynamic (that it, it is evolving) aquaculture RI database hitherto available.

The updated inventory is now more user-friendly, to attract more users and give easy access to information on TNA, by for example featuring a compare function. The RI map will be updated continuously, inviting existing RIs to update their information regularly, and offer new RIs to register. Search facilities have been expanded, and a new feature to compare RIs has been added.

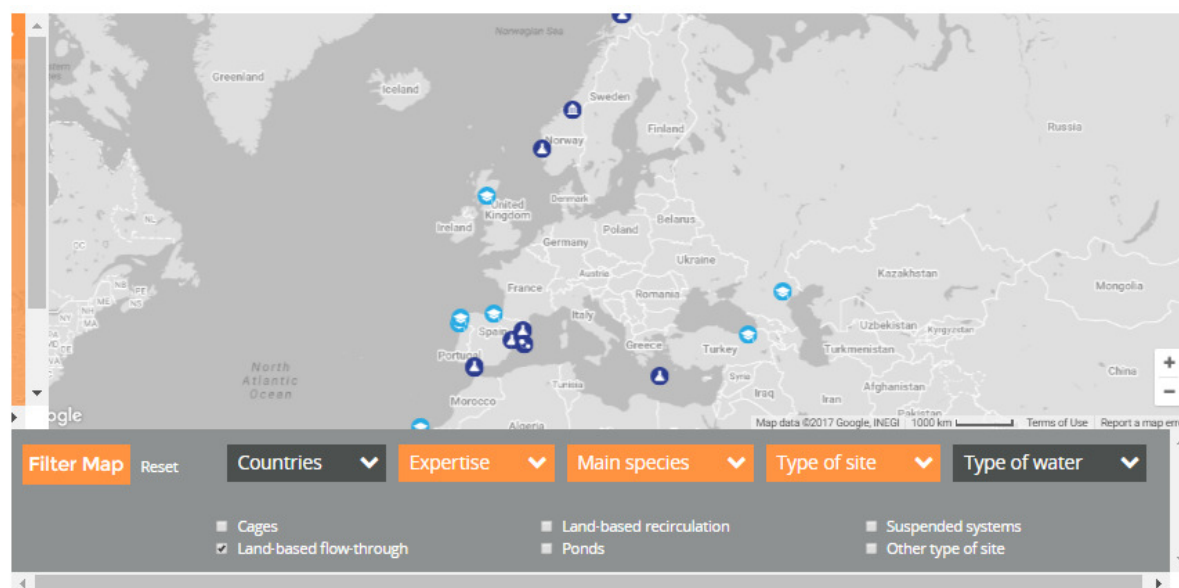
Detailed information about selected Research Infrastructures is available through clicking on them on the map (see image below).



The compare tool (see image below) facilitates comparing the facilities of two Research Infrastructures.



There is also a filter function by countries, expertise, main species, type of site and type of water (see image below).



4. Conclusions

The AQUAEXCEL²⁰²⁰ website was developed in consideration of the EU's best practice guidelines for project websites and is available under the link www.aquaexcel2020.eu. The project website's structure was adapted to be informative, visually attractive and have a user-friendly navigation system. The website plays an important role in the communication of the project since it is a resource (a) to promote the project, its objectives and its partnership and (b) to disseminate information on the progress and results to interested parties. The website will also be a depository of public deliverables, newsletters and other electronic resources, which will be developed by the project consortium throughout the project's lifetime. Maintenance and regular update of the website and its contents will be managed by AquaTT. The continuous updates will include an events calendar, project news and a media centre displaying electronic materials developed by the AQUAEXCEL²⁰²⁰ consortium. Furthermore, the website hosts the most complete and dynamic aquaculture RI database for Europe hitherto available which information is available to the public through an interactive map.

5. Partners involved in the work

The website was developed and is managed by AquaTT, who will update it on a regular basis. Partners who wish to upload materials, news or events to the website (calendar) should contact AquaTT. Questions and queries regarding the website can be addressed to Claudia Junge (claudia@aquatt.ie).

The AQUAEXCEL²⁰²⁰ collaborative platform (<https://intranet.inra-transfert.fr>), an intranet website restricted to project partners only, is managed by INRA Transfert. A link to the collaborative platform is available on the AQUAEXCEL²⁰²⁰ general website. Any questions and queries regarding the collaborative platform should be directed to Bénédicte Ferreira (benedicte.ferreira@inra.fr) or Ronan Pendu (ronan.pendu@inra.fr).

6. Glossary

AQUAEXCEL²⁰²⁰: AQUAculture Infrastructures for EXCELlence in European Fish Research towards 2020

Deliverables: A deliverable is a physical output related to a specific objective of the project, e.g. a report, publication, newsletter, tool, website, or conference. A distinction can be made between external deliverables, which are created for customers and stakeholders, and internal deliverables, which are produced for executing the project, and are usually only needed by the project team and the commissioning authority. Both types need to be specified and listed in the work package plan.

Dissemination: is defined as a planned process of providing information on the quality, relevance and effectiveness of the results of programmes and initiatives to key actors. It occurs as and when the results of programmes and initiatives become available. This activity happens at both project and programme level, and involves the active participation of intermediary “relay” bodies.

End-Users: are persons/organisations that have an application for a knowledge output(s). The knowledge output may have undergone several revisions/adaptations through the value chain before reaching/being relevant to the needs of the end-user. Definition according to MarineTT (FP7 project number 244164).

Impact: is the effect of the uptake and use of the knowledge output on the target community and how it influences other actions. Definition according to MarineTT (FP7 project number 244164).

7. Document information

EU Project N°	652831	Acronym	AQUAEXCEL ²⁰²⁰
Full Title	AQUAculture Infrastructures for EXCELlence in European Fish Research towards 2020		
Project website	www.aquaexcel2020.eu		

Deliverable	N°	D4.2	Title	
Work Package	N°	4	Title	Integration, training, dissemination and cooperation

Date of delivery	Contractual	30/06/2016 (Month M9)	Actual	30/11/2016 (M14)
Dissemination level	X	PU Public, fully open, e.g. web		
		CO Confidential, restricted under conditions set out in Model Grant Agreement		
		CI Classified, information as referred to in Commission Decision 2001/844/EC.		

Authors (Partner)	AquaTT			
Responsible Author	Name	Dr. Claudia Junge, Marieke Reuver	Email	claudia@aquatt.ie

Version log			
Issue Date	Revision N°	Author	Change
17/01/2017	V1	Claudia Junge	First draft
19/01/2017	V2	Marieke Reuver	comments
23/01/2017	V3	Claudia Junge	revision
27/02/2017	V4	Claudia Junge	revision after internal review

Annex 1: Check List

Deliverable Check list (to be checked by the “Deliverable leader”)

	Check list	Comments
BEFORE	I have checked the due date and have planned completion in due time	<i>Please inform Management Team of any foreseen delays</i>
	The title corresponds to the title in the DOW	<i>If not please inform the Management Team with justification</i>
	The dissemination level corresponds to that indicated in the DOW	
	The contributors (authors) correspond to those indicated in the DOW	
	The Table of Contents has been validated with the Activity Leader	<i>Please validate the Table of Content with your Activity Leader before drafting the deliverable</i>
	I am using the AQUAEXCEL ²⁰²⁰ deliverable template (title page, styles etc)	<i>Available in “Useful Documents” on the collaborative workspace</i>
The draft is ready		
AFTER	I have written a good summary at the beginning of the Deliverable	<i>A 1-2 pages maximum summary is mandatory (not formal but really informative on the content of the Deliverable)</i>
	The deliverable has been reviewed by all contributors (authors)	<i>Make sure all contributors have reviewed and approved the final version of the deliverable. You should leave sufficient time for this validation.</i>
	I have done a spell check and had the English verified	
	I have sent the final version to the WP Leader, to the 2 nd Reviewer and to the Project coordinator (cc to the project manager) for approval	<i>Send the final draft to your WP Leader, the 2nd Reviewer and the coordinator with cc to the project manager on the 1st day of the due month and leave 2 weeks for feedback. Inform the reviewers of the changes (if any) you have made to address their comments. Once validated by the 2 reviewers and the coordinator, send the final version to the Project Manager who will then submit it to the EC.</i>