



AQUAEXCEL2020: a network of research infrastructures for the benefit of European Aquaculture

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AQUAEXCEL2020: A NETWORK OF RESEARCH INFRASTRUCTURES FOR THE BENEFIT OF EUROPEAN AQUACULTURE

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Edinburgh, 23 sept. 2016

AQUAEXCEL²⁰²⁰ – At a glance

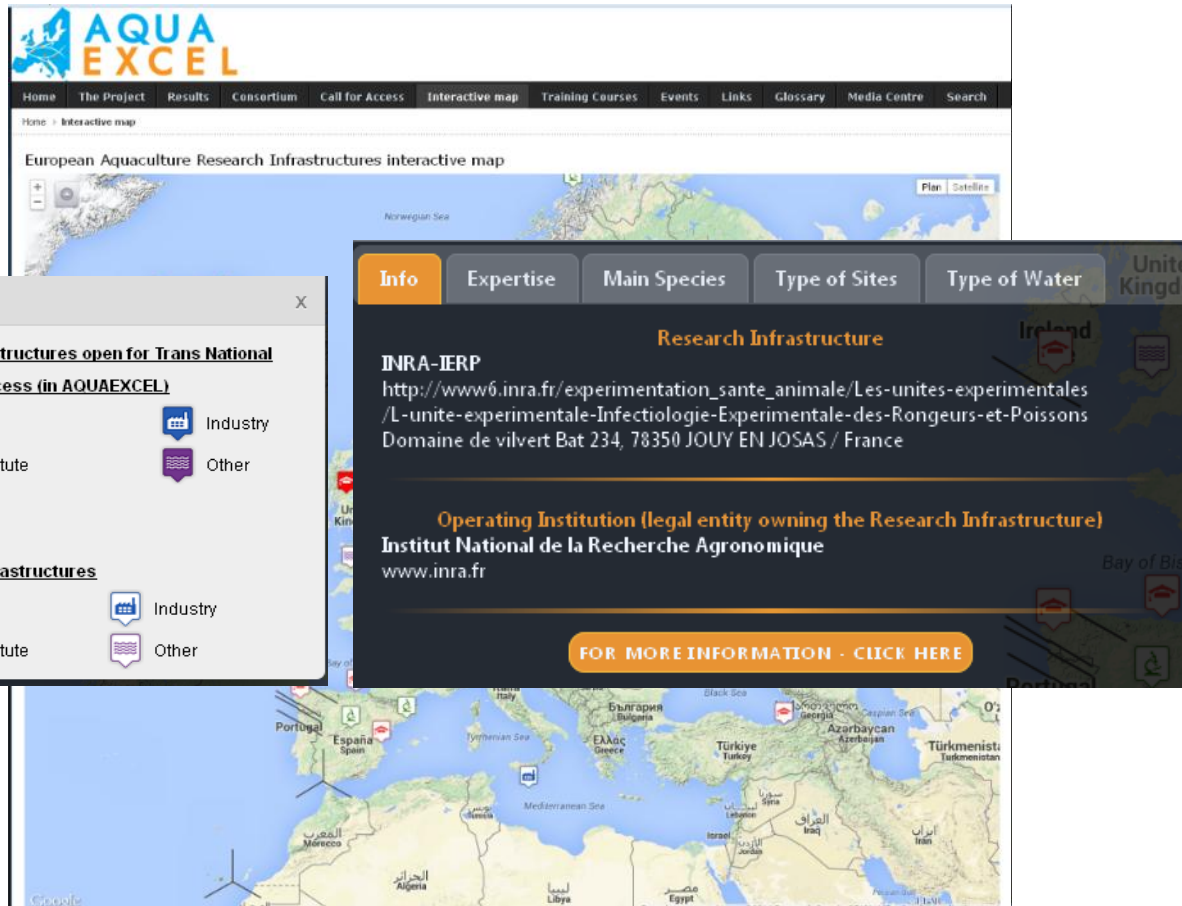
Aquaculture Infrastructures for Excellence in European Fish Research (towards 2020)

AQUAEXCEL	AQUAEXCEL ²⁰²⁰
2011-2015 (4 years)	2015-2020 (5 years)
17 partners, 27 facilities	22 partners, 39 facilities
9.2 M€ grant	9.7 M€ grant

Main goal: to integrate and open the key aquaculture research infrastructures in Europe, covering all EU fish culture systems and competences

FP7AQUAEXCEL legacy

The RI Map on www.aquaexcel.eu



Currently 108 entries

Interactive menu

Searchable

Detailed information available

FP7 AQUAEXCEL Results

Access your infrastructure from your living room

IMARES



NOFIMA



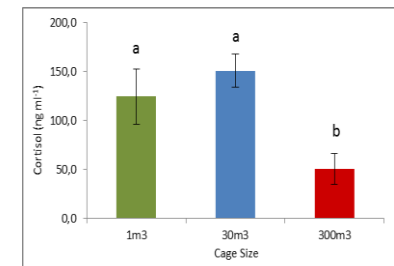
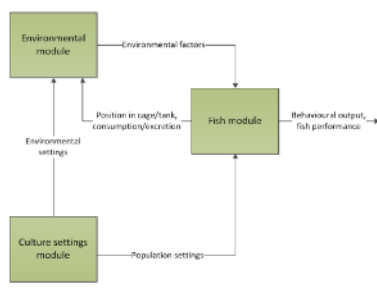
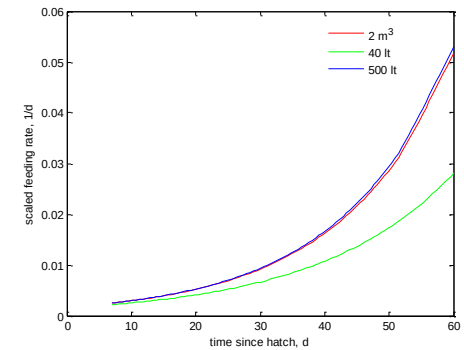
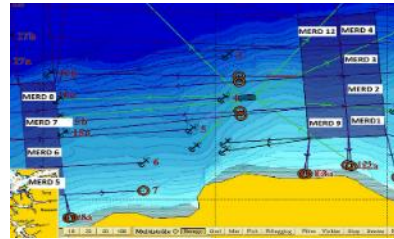
SINTEF/ACE

WUR



FP7 AQUAEXCEL Results

Effect of experimental unit size on results



FP7AQUAEXCEL research

Isogenic fish lines: the lab mouse of fish research



Already there:



FP7 AQUAEXCEL transnational access

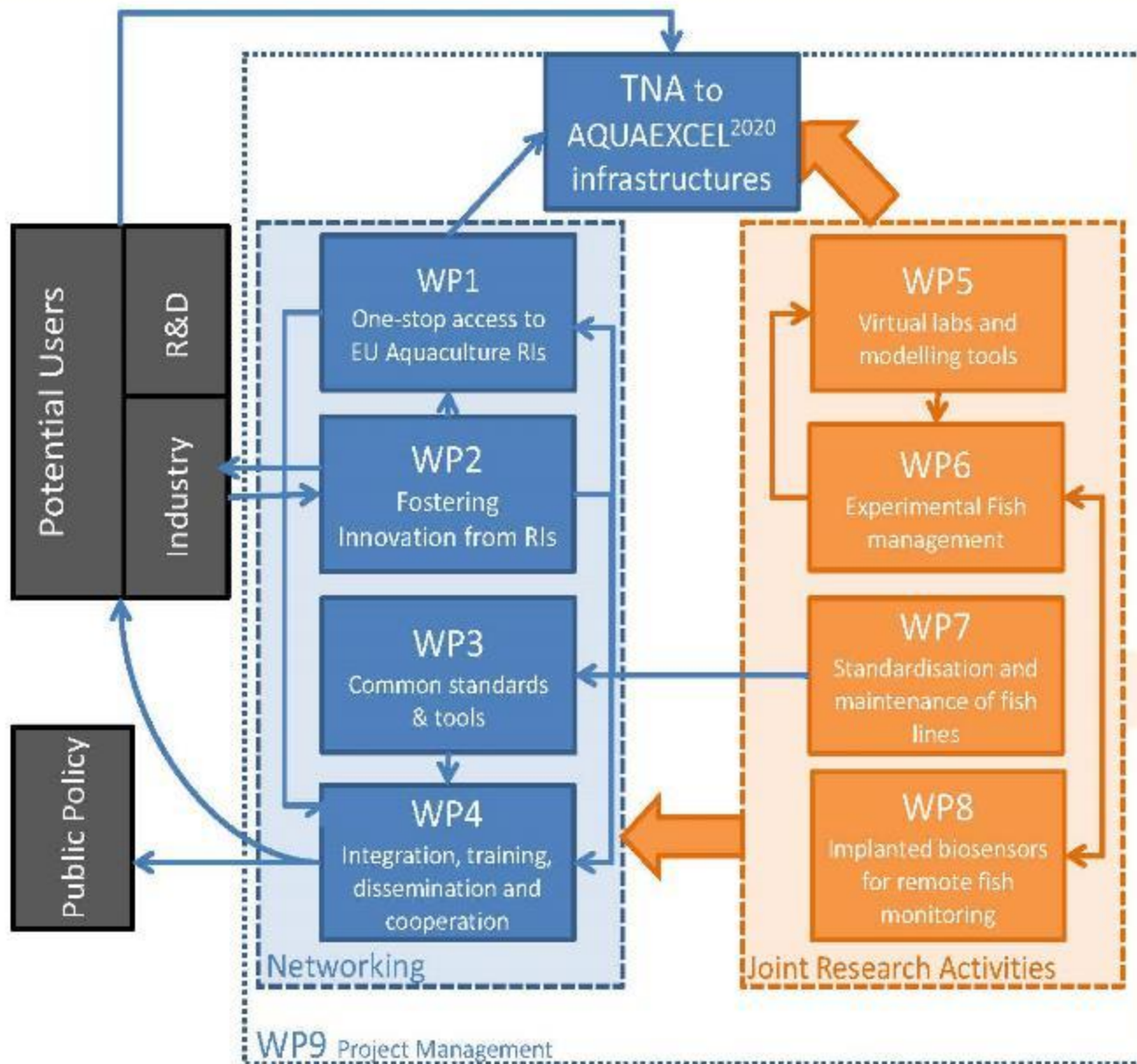
136 projects submitted → 97 financed



170 projects foreseen in AQUAEXCEL²⁰²⁰

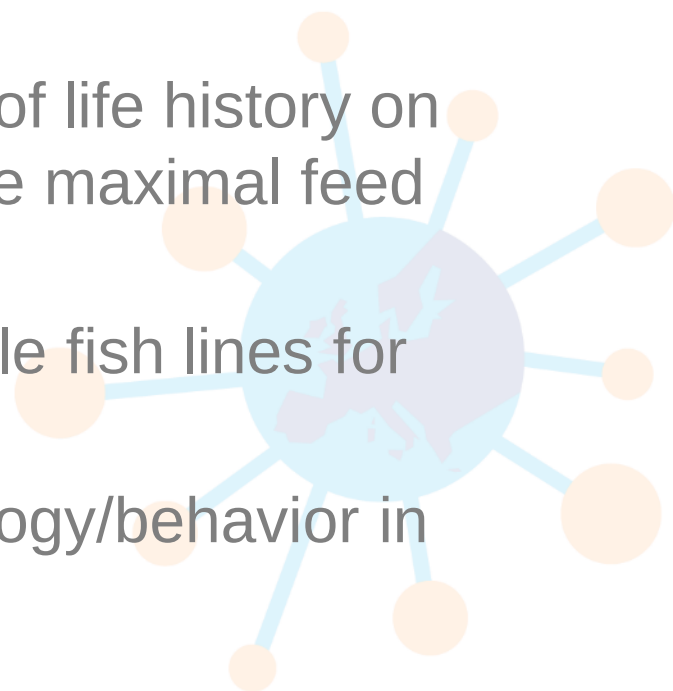
Project structure

Four workpackages focus on strengthening joint research activities, whilst four more involve TNA, industry links, developing common standards and tools and providing training and dissemination



Joint research for better experiments

- Virtual modelling of aquaculture experimental facilities to help design/interpret experiments
- Experimental fish management: effect of life history on experimental outcomes, how to achieve maximal feed intake
- Development and maintenance of stable fish lines for experimental purposes
- Internal sensors to monitor fish physiology/behavior in real time



WP1: Transnational Access

The numbers

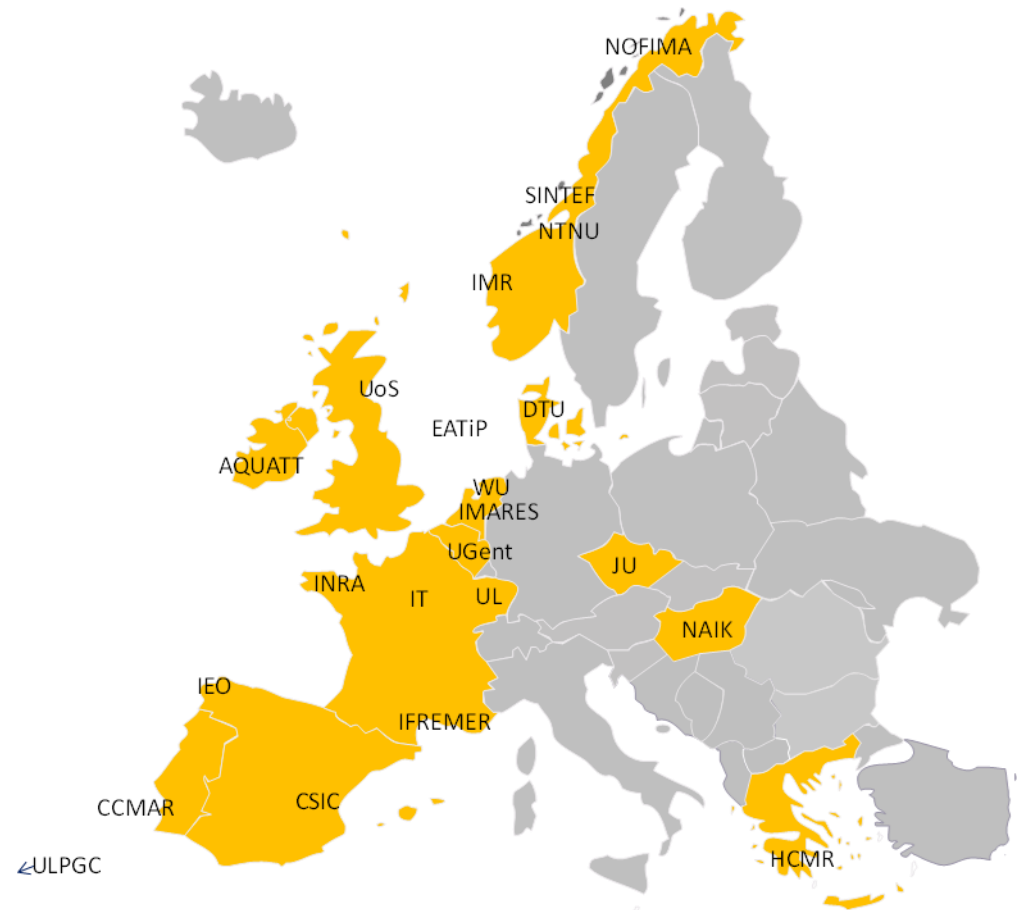
21 Host Organisations

39 Research Installations

~170 Funded Projects

~217 Users

~300 Applications



The TNA offer

Access to the partner research installations for

- Researchers from public & private organisations
- Maximum 2 people for up to 3 months (remote access also possible)
- Use of facilities not available in own country
- Free (travel and subsistence expenses paid)



ARE YOU INVOLVED IN AQUACULTURE RESEARCH?

AQUA EXCEL 2020

Apply for Fully EC-Funded

Access to Top-Class Research Infrastructures with AQUAEXCEL 2020

FIRST CALL

AQUAEXCEL 2020 offers access to top-class research infrastructures for both basic and applied research, giving aquaculture research groups the opportunity to utilise AQUAEXCEL 2020's installations.

The AQUAEXCEL 2020 project regularly invites proposals from European research groups for scientific research that utilises the installations of any of the participating Aquaculture Research Infrastructures.

These installations are made available to the research community for Teams with Access (TMA) with the support of the European Union's Horizon 2020 Research and Innovation Programme.

Interested researchers can propose aquaculture research projects that:

- Involve research on any of the available fish species at the selected aquaculture research infrastructure
- Are compliant with the EU FP Strategic Research & Innovation Agenda
- Involve visits of one or two people to a research infrastructure that provides installations not available in their own country 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 FIRST CALL FOR ACCESS IS NOW OPEN - DEADLINE FOR APPLICATIONS 29 JANUARY 2016
For more information: www.aquaexcel.eu

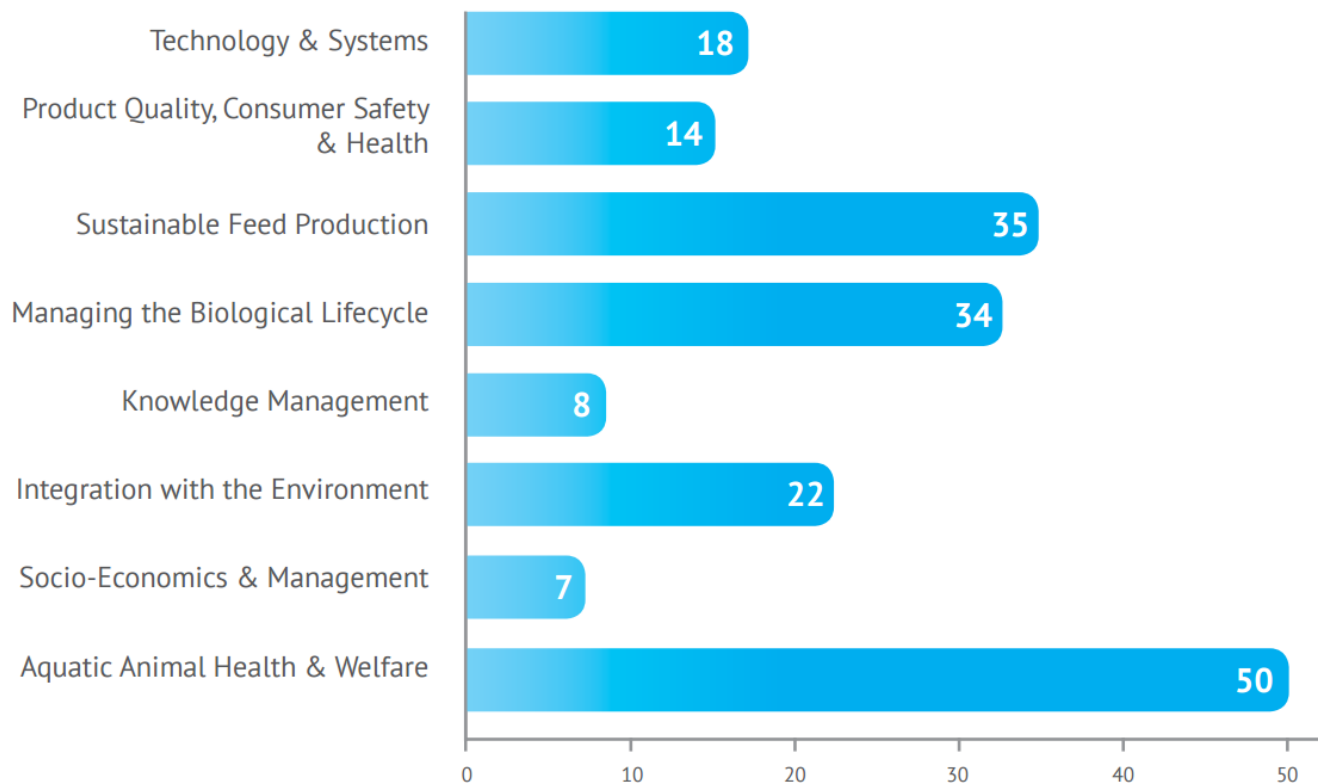
AVAILABLE RESEARCH INFRASTRUCTURES COVER

- WATER ENVIRONMENT**
Freshwater, Marine and, single and multi-species aquaculture
- FISH SPECIES**
Salmon, Trout, Sea Bream, Sea Bass, Gilthead Sea loach, Carp, Catfish, etc.
- FIELDS OF EXPERTISE**
Nutrition, Breeding, Health and Welfare, Diseases, Reproduction, Health and Environment Technology
- AQUACULTURE SYSTEMS**
Recirculation, Flow-through, Cage, Hybrid and other Systems
- MULTIPLE SCALES**
From individual fish to stock management

AQUA EXCEL
WWW.AQUAEXCEL.EU

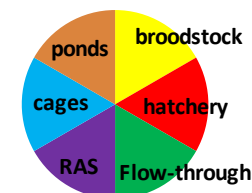
This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 652831. The project information is the sole responsibility of the project consortium and the European Union cannot be held responsible for any use which might be made of the information contained therein.

AQUAEXCEL (FP7) Projects by theme



*Some TNA projects addressed more than one area

All types of infrastructures



**New in AQUAEXCEL²⁰²⁰:
Disease challenge testing**



TNA is for you !

All details on www.aquaexcel.eu

- Check available experimental facilities – and contact them to build your project
- Help available (Orientation Committee) to find the appropriate team(s)
- An simple online project submission system
- Once selected (expected success rate: 60%) project can start with all experimental work + travel paid
- Report results at the end. Projects with the highest application potential will be awarded support to be present in industry meetings/conferences

Thank You



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