



## 8<sup>th</sup> Call for proposals for Transnational Access

Call deadline – 12<sup>th</sup> December 2017

### Background and objectives

The AQUAEXCEL<sup>2020</sup> 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 facilities are made available to the research community for Transnational Access (TNA) with the support of the European Union's Horizon 2020 Framework Programme for Research and Technological Development (Infrastructures).

Transnational Access involves a research group in one country collaborating with one or more AQUAEXCEL<sup>2020</sup> Infrastructures that are located in a different country to the applicant, and which offer facilities and expertise not available in their own country. The collaboration normally takes the form of one or more scientists from the applicant organisation visiting the selected AQUAEXCEL<sup>2020</sup> installation to undertake research work there for up to 3 months. In some cases, remote access is also available (where the applicant is not present for some or all of the experimental period at the installation).

The facilities available cover the entire range of aquaculture production systems (recirculation, flow-through, cage, hatchery and pond systems); environments (freshwater and marine, cold, temperate and warm water); scales (small, medium and industrial scale); fish species (salmon, trout, sea bass, sea bream, cod, carp etc.); and fields of expertise (nutrition, physiology, health and welfare, genetics, engineering, monitoring and management technologies).

The overall objective of the project is to promote the coordinated use and development of these experimental facilities and encourage problem-based research and knowledge transfer to more effectively support the development of a sustainable European production of high quality seafood with reduced environmental impact. The establishment of new transnational collaborations is strongly encouraged, as well as the participation by SMEs.

### Proposal requirements

Expected projects can involve research on any of the available aquatic species at the selected research infrastructure. The participating facilities are summarised below and full details are available in the AQUAEXCEL<sup>2020</sup> TNA Guide document, via the project website (<http://www.aquaexcel2020.eu/>) or through direct contact with the selected research infrastructure. Proposals can only be approved if feasible and visits do not exceed a total duration of 3 months (Where necessary, experimental work can exceed this period, but not visits).

Priority will be given to proposals submitted by a single researcher or by research groups where the group leader and a majority of group members are affiliated to institutions or laboratories (public or private) from European member or Associated States<sup>1</sup>, which are different from the State where the selected Research Infrastructure is located. A maximum of 20% of TNA projects may involve applicants from third countries (i.e. outside the EU or Associated States).

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<sup>1</sup> Associated states: Switzerland, Norway, Iceland and Liechtenstein, Israel, Turkey, Croatia, the Former Yugoslav Republic of Macedonia and Serbia, Albania and Montenegro, Bosnia & Herzegovina



It is required that the facility users communicate the results acquired in an AQUAEXCEL<sup>2020</sup> Research Infrastructure to the scientific community at large through classical means, i.e. project reports, congress communications and scientific publications<sup>2</sup>. All group leaders are required to submit their metadata sets and summary report to the Research Infrastructure provider, for further publication via the project dissemination channels (technical leaflets, website pages and newsletters). Research proposals should also include plans for exploitation of results wherever possible.

## Proposal review

Each submitted proposal that is eligible, and considered to be feasible at the chosen Research Infrastructure, will be appraised by at least two aquaculture experts (including one who is external to the AQUAEXCEL<sup>2020</sup> project) and then by a selection panel appointed by the Executive Committee, which also includes external experts.

Following an initial screening for practical and financial feasibility, the criteria for selection will be scientific quality, degree of innovation, relevance, exploitation potential and ethical soundness of the study. Secondary selection criteria will be the expertise of the applicants, the cost efficiency of the work, and whether group members are first time users of the facility. In considering the exploitation potential, attention will be given to how the work contributes to meeting the objectives of the European Aquaculture Technology and Innovation Platform, as defined in the thematic Strategic Research and Innovation Agenda (“The Vision”) ([www.eatip.eu](http://www.eatip.eu)). **Priority will be given to projects addressing one of the following identified research priorities: sustainable fish feeds, remote monitoring in real-time, selective breeding and reproduction ensuring all year-round production.**

Projects approved for access will enter a negotiation phase in which the project design and costs will be agreed and the project may be subjected to further ethical review and advice. All work must be completed by 30-09-2020 to fall within the funding period of the AQUAEXCEL<sup>2020</sup> project by the European Commission. Applications that are not approved will receive feedback and may be re-submitted at a subsequent call.

## Resources

There are 39 research installations provided by 19 partner organisations available for access within the AQUAEXCEL<sup>2020</sup> project. Access is measured in the most appropriate way for each installation. Not all of the installations or all of the units of access at an installation will be available in each call. Applicants must indicate the number of units of access they wish to apply for. A summary of the research installations arranged by major facilities is shown below. More detailed information on each facility is provided in the AQUAEXCEL<sup>2020</sup> TNA Guide (Separate PDF document downloadable from the AQUAEXCEL<sup>2020</sup> website). Web links to the individual organisations pages are also provided. The table below includes an indication of the availability of each installation in terms of how many projects (approximately) can be funded within this call. However, please contact the appropriate Infrastructure Manager for further details and to discuss your requirements.

The AQUAEXCEL<sup>2020</sup> project will cover both facility costs and the research group(s) travel and subsistence expenses for work included in the submitted application and approved by the Selection Panel. Most facilities assume one person per project whilst some assume that up to two will be involved. As costs and reimbursement arrangements may vary between facilities, full details will be provided on request to the specific Research Infrastructure. Host organisations are obliged to use their standard rules for reimbursing travel and subsistence expenses although where flat rates are used they will be subject to maximum allowances set out in EC H2020 funding regulations. Experimental

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<sup>2</sup> Exceptions may be made for Small to Medium Sized Enterprises (SMEs) that expect to directly exploit the results

work requiring additional consumables, transport of equipment or samples, the use of analytical facilities, or additional training that is not included in the facility costs may need to be funded by the applicant organisation.

## Orientation Committee

If you require further advice concerning which infrastructures might best meet your needs and provide the facilities needed for your experimental work, please contact the Orientation Committee via [aquaexcel-OC@inra.fr](mailto:aquaexcel-OC@inra.fr). The Orientation Committee comprises a small group of scientific experts familiar with the research infrastructures and management of TNA projects. This service is particularly intended for SMEs and organisations who have not previously engaged with AQUAEXCEL<sup>2020</sup>.

## Application procedure

Information on the facilities offering Transnational access is available at the project website (<http://www.aquaexcel2020.eu/>) and in the document “AQUAEXCEL<sup>2020</sup> Guide for Transnational Access” which is available on the website. 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 at <http://160.217.215.252/aquaexcel/>. 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 – **12<sup>th</sup> December 2017**.

## Engagement conditions

1. All TNA projects will be subject to the Research Access and Research Data Management Policies of the host Infrastructure and as guided by the EU Charter for Access to Research Infrastructures ([https://ec.europa.eu/research/infrastructures/index\\_en.cfm?pg=access\\_ri](https://ec.europa.eu/research/infrastructures/index_en.cfm?pg=access_ri))
2. Only user groups that are allowed to disseminate the results they have generated under the action may benefit from the access, unless the users are working for SMEs.
3. **All group members<sup>3</sup>** are expected to publish the results of their work at the infrastructure in the open literature. All publications resulting from the project should acknowledge the EC-support by mentioning: “The access to [name of selected facility] was funded by the European Union’s Horizon 2020 Programme (INFRAIA-1-2014-2015) under grant agreement n° 652831.”
4. After the completion of an AQUAEXCEL<sup>2020</sup> Transnational Access, each appointed group leader should: Submit feedback reports as requested by the TNA Manager or other AQUAEXCEL<sup>2020</sup> Office holders, or as required by the European Commission.
5. Travel and subsistence expenses linked to the access will be reimbursed upon approval of the report. Reimbursements will be done according to administrative rules of each hosting organisation.
6. Funding is subject to EC rules and regulations e.g. as set out in the Model Agreement - [http://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/amga/h2020-amga\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf)

Further information: If further guidance on the call and application procedure is required please contact John Bostock <[j.c.bostock@stir.ac.uk](mailto:j.c.bostock@stir.ac.uk)>

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<sup>3</sup> With some exemptions for SMEs

## Summary of Research Infrastructure Facilities

**Note:** Installations are listed by major facilities or services and may appear in several sections; in which case the units of access and number of projects listed are not cumulative. Contact the Installation Manager for further details.

Installation Number	CODE	Installation Country code	Unit of access	Total Units of Access Available	Estimated Nr of user projects	No. Projects open in this Call	Web Link	Manager Name	Manager Email
<b>SEAWATER CAGES</b>									
5	IMR-CEL	NO	Tank/week	72	1	1	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	<a href="mailto:oivindto@imr.no">oivindto@imr.no</a>
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	<a href="mailto:stavros@her.hcmr.gr">stavros@her.hcmr.gr</a>
25	SINTEF-ACE	NO	Week	12	3	2	<a href="http://www.sintef.no/fish">www.sintef.no/fish</a>	Gunnar Senneset	<a href="mailto:gunnar.senneset@sintef.no">gunnar.senneset@sintef.no</a>
<b>SEAWATER FLOW-THROUGH TANKS</b>									
4	IMR-ELI	NO	Tank/week	192	1	0	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	<a href="mailto:oivindto@imr.no">oivindto@imr.no</a>
6	IMR-BDL	NO	Tank/week	108	1	1	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	<a href="mailto:oivindto@imr.no">oivindto@imr.no</a>
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	<a href="mailto:d.j.penman@stir.ac.uk">d.j.penman@stir.ac.uk</a>
8	CSIC-IATS-EXP	ES	person/week	60	5	5	<a href="http://www.iats.csic.es">www.iats.csic.es</a>	Josep Calduch-Giner	<a href="mailto:j.calduch@csic.es">j.calduch@csic.es</a>
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	<a href="mailto:stavros@her.hcmr.gr">stavros@her.hcmr.gr</a>
16	Nofima-NCRA	NO	tank.week	164	4	3	<a href="http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/">http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/</a>	Per Brunsvik	<a href="mailto:per.brunsvik@nofima.no">per.brunsvik@nofima.no</a>
17	Nofima-CFU	NO	tank.week	24	4	3	<a href="http://nofima.no/en/research-facilities/sunndalsora-aquaculture-research-station/">http://nofima.no/en/research-facilities/sunndalsora-aquaculture-research-station/</a>	Per Brunsvik	<a href="mailto:per.brunsvik@nofima.no">per.brunsvik@nofima.no</a>
26	ULPGC-WWSSU	ES	Tank.Week	720	2	1	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Juan Manuel Afonso López	<a href="mailto:juanmanuel.afonso@ulpgc.es">juanmanuel.afonso@ulpgc.es</a>
28	ULPGC-FITU	ES	Tank.Week	498	3	0	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Marisol Izquierdo López	<a href="mailto:marisol.izquierdo@ulpgc.es">marisol.izquierdo@ulpgc.es</a>

32	IMARES-RECIRC	NL	one system week	175	5	4	<a href="http://www.WLR.nl">http://www.WLR.nl</a>	Wout Abbink	wout.abbink@wur.nl
36	CCMAR-Ramalhete	PT	tank.week	720	12	12	<a href="http://www.ualg.pt/pt/content/ramalhete">www.ualg.pt/pt/content/ramalhete</a>	Ana Amaral	ccmarcts@ualg.pt
38	IEO-MAP	ES	1 week	40	4	3	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	aurelio.ortega@mu.ieo.es
39	IEO-AquaCOV	ES	1 week	30	3	3	<a href="http://www.vi.ieo.es/">http://www.vi.ieo.es/</a>	Montse Pérez	montse.perez@ieo.es
<b>SEAWATER RAS TANKS</b>									
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
8	CSIC-IATS-EXP	ES	person/week	60	5	5	<a href="http://www.iats.csic.es">www.iats.csic.es</a>	Josep Calduch-Giner	j.calduch@csic.es
10	CSIC-IIM-EXP	ES	Person/week	24	2	2	<a href="http://patologia.iim.csic.es">http://patologia.iim.csic.es</a>	Beatriz Novoa García	virus@iim.csic.es
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	stavros@her.hcmr.gr
15	IFREMER-PEARS	FR	M3/week	2 496	8	6	<a href="http://www.ifremer.fr">www.ifremer.fr</a>	Emmanuel Rezzouk	Emmanuel.Rezzouk@ifremer.fr
16	Nofima-NCRA	NO	tank.week	164	4	3	<a href="http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/">http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/</a>	Per Brunsvik	per.brunsvik@nofima.no
23	NTNU-CodTech	NO	week	21	3	3	<a href="http://www.ntnu.no/marine/sealab">www.ntnu.no/marine/sealab</a>	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no
27	ULPGC-MBS	ES	Tank/Week	288	2	0	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Daniel Montero Vitores	daniel.montero@ulpgc.es
29	WU-MRU	NL	weeks	24	3	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	Menno.terVeld@wur.nl
30	WU-RAS	NL	weeks	16	2	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	Menno.terVeld@wur.nl
32	IMARES-RECIRC	NL	one system week	175	5	4	<a href="http://www.WLR.nl">http://www.WLR.nl</a>	Wout Abbink	wout.abbink@wur.nl
35	DTU-VET	DK	1 day	200	5	4	<a href="http://www.vet.dtu.dk">www.vet.dtu.dk</a>	Tine Iburg	TIMI@vet.dtu.dk
37	IEO-ICRA	ES	1 week	20	2	2	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	aurelio.ortega@mu.ieo.es
38	IEO-MAP	ES	1 week	40	4	3	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	aurelio.ortega@mu.ieo.es
<b>SEAWATER HATCHERY</b>									
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
8	CSIC-IATS-EXP	ES	person/week	60	5	5	<a href="http://www.iats.csic.es">www.iats.csic.es</a>	Josep Calduch-Giner	j.calduch@csic.es

11	HCMR-Aqualabs-Souda	GR	week	125	10	8	www.hcmr.gr	Stavros Chatzifotis	stavros@her.hcmr.gr
15	IFREMER-PEARS	FR	m3.week	2 496	8	6	www.ifremer.fr	Emmanuel Rezzouk	Emmanuel.Rezzouk@ifremer.fr
17	Nofima-CFU	NO	tank.week	24	4	3	<a href="http://nofima.no/en/research-facilities/sunnalsora-aquaculture-research-station/">http://nofima.no/en/research-facilities/sunnalsora-aquaculture-research-station/</a>	Per Brunsvik	per.brunsvik@nofima.no
23	NTNU-CodTech	NO	week	21	3	3	www.ntnu.no/marine/sealab	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no
26	ULPGC-WWSSU	ES	Tank.Week	720	2	1	www.grupoinvestigacionacuicultura.org	Juan Manuel Afonso Lopéz	juanmanuel.afonso@ulpgc.es
27	ULPGC-MBS	ES	Tank.Week	288	2	0	www.grupoinvestigacionacuicultura.org	Daniel Montero Vítors	daniel.montero@ulpgc.es
28	ULPGC-FITU	ES	Tank.Week	498	3	0	www.grupoinvestigacionacuicultura.org	Marisol Izquierdo López	marisol.izquierdo@ulpgc.es
38	IEO-MAP	ES	1 week	40	4	3	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	aurelio.ortega@mu.ieo.es
39	IEO-AquaCOV	ES	1 week	30	3	3	<a href="http://www.vi.ieo.es/">http://www.vi.ieo.es/</a>	Montse Pérez	montse.perez@ieo.es
<b>FRESHWATER FLOW-THROUGH TANKS</b>									
1	INRA-PEIMA	FR	tank.week	500	4	2	<a href="https://www6.rennes.inra.fr/p_eima_eng/">https://www6.rennes.inra.fr/p_eima_eng/</a>	Laurent Labbé	laurent.labbe@rennes.inra.fr
2	INRA-STPEE	FR	tank.week	720	4	2	<a href="http://www6.bordeaux-aquitaine.inra.fr/st_pee">http://www6.bordeaux-aquitaine.inra.fr/st_pee</a>	Stephane Panserat	stephane.panserat@inra.fr
3	INRA-IERP	FR	Circuit/week	20	4	3	<a href="http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales">http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales</a>	Bernard Cayron	bernard.cayron@jouy.inra.fr
4	IMR-ELI	NO	Tank/week	192	1	0	www.imr.no	Øivind Torslett	oivindto@imr.no
6	IMR-BDL	NO	Tank/week	108	1	1	www.imr.no	Øivind Torslett	oivindto@imr.no
7	UoS-IoA	GB	person.week	99	14	9	www.aqua.stir.ac.uk	David Penman	d.j.penman@stir.ac.uk
16	Nofima-NCRA	NO	tank.week	164	4	3	<a href="http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/">http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/</a>	Per Brunsvik	per.brunsvik@nofima.no
22	JU-GRC	CZ	week	12	6	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	jkolecek@frov.jcu.cz
32	IMARES-RECIRC	NL	one system week	175	5	4	<a href="http://www.WLR.nl">http://www.WLR.nl</a>	Wout Abbink	wout.abbink@wur.nl
<b>FRESHWATER RAS TANKS</b>									
1	INRA-PEIMA	FR	tank.week	500	4	2	<a href="https://www6.rennes.inra.fr/p_eima_eng/">https://www6.rennes.inra.fr/p_eima_eng/</a>	Laurent Labbé	laurent.labbe@rennes.inra.fr

2	INRA-STPEE	FR	tank.week	720	4	2	<a href="http://www6.bordeaux-aquitaine.inra.fr/st_pee">http://www6.bordeaux-aquitaine.inra.fr/st_pee</a>	Stephane Panserat	stephane.panserat@inra.fr
3	INRA-IERP	FR	Circuit/week	20	4	3	<a href="http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales">http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales</a>	Bernard Cayron	bernard.cayron@jouy.inra.fr
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
14	NAIK-SDC	HU	1 m3/week	274	4	2	<a href="http://www.haki.hu">www.haki.hu</a>	Galina Jeney	jeneyg@haki.hu
16	Nofima-NCRA	NO	tank.week	164	4	3	<a href="http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/">http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/</a>	Per Brunsvik	per.brunsvik@nofima.no
20	JU-IAPW	CZ	week	25	5	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	jkolecek@frov.jcu.cz
21	JU-IFA	CZ	week	40	5	4	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	jkolecek@frov.jcu.cz
22	JU-GRC	CZ	week	12	6	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	jkolecek@frov.jcu.cz
23	NTNU-CodTech	NO	week	21	3	3	<a href="http://www.ntnu.no/marine/sealab">www.ntnu.no/marine/sealab</a>	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no
29	WU-MRU	NL	weeks	24	3	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	Menno.terVeld@wur.nl
30	WU-RAS	NL	weeks	16	2	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	Menno.terVeld@wur.nl
32	IMARES-RECIRC	NL	one system week	175	5	4	<a href="http://www.WLR.nl">http://www.WLR.nl</a>	Wout Abbink	wout.abbink@wur.nl
33	UL-EPA	FR	RAS.week	144	2	0	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Pascal Fontaine	p.fontaine@univ-lorraine.fr
34	UL-Behaviour	FR	Camera.week	48	2	2	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Sylvain Milla	Sylvain.Milla@univ-lorraine.fr
35	DTU-VET	DK	1 day	200	5	4	<a href="http://www.vet.dtu.dk">www.vet.dtu.dk</a>	Tine Iburg	TIMI@vet.dtu.dk
<b>FRESHWATER HATCHERY</b>									
1	INRA-PEIMA	FR	tank.week	500	4	2	<a href="https://www6.rennes.inra.fr/peima_eng/">https://www6.rennes.inra.fr/peima_eng/</a>	Laurent Labbé	laurent.labbe@rennes.inra.fr
2	INRA-STPEE	FR	tank.week	720	4	2	<a href="http://www6.bordeaux-aquitaine.inra.fr/st_pee">http://www6.bordeaux-aquitaine.inra.fr/st_pee</a>	Stephane Panserat	stephane.panserat@inra.fr
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
22	JU-GRC	CZ	week	12	6	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	jkolecek@frov.jcu.cz
23	NTNU-CodTech	NO	week	21	3	3	<a href="http://www.ntnu.no/marine/sealab">www.ntnu.no/marine/sealab</a>	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no
33	UL-EPA	FR	RAS.week	144	2	0	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Pascal Fontaine	p.fontaine@univ-lorraine.fr
<b>FRESHWATER PONDS</b>									
13	NAIK-OEPS	HU	1 m <sup>2</sup> /week	482 500	4	3	<a href="http://www.haki.hu">www.haki.hu</a>	András Rónyai	ronyai@haki.hu

BIOSECURE DISEASE CHALLENGE									
3	INRA-IERP	FR	circuit/week	20	4	3	<a href="http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales">http://www6.inra.fr/experimentation_sante_animale/Les-unites-experimentales</a>	Bernard Cayron	bernard.cayron@jouy.inra.fr
6	IMR-BDL	NO	Tank/week	108	1	1	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	oivindto@imr.no
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
8	CSIC-IATS-EXP	ES	person/week	60	5	5	<a href="http://www.iats.csic.es">www.iats.csic.es</a>	Josep Calduch-Giner	j.calduch@csic.es
10	CSIC-IIM-EXP	ES	person/week	24	2	2	<a href="http://patologia.iim.csic.es">http://patologia.iim.csic.es</a>	Beatriz Novoa García	virus@iim.csic.es
14	NAIK-SDC	HU	1 m <sup>3</sup> /week	274	4	2	<a href="http://www.haki.hu">www.haki.hu</a>	Galina Jeney	jeneyg@haki.hu
27	ULPGC-MBS	ES	Tank.Week	288	2	0	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Daniel Montero Vítors	daniel.montero@ulpgc.es
35	DTU-VET	DK	1 day	200	5	4	<a href="http://www.vet.dtu.dk">www.vet.dtu.dk</a>	Tine Iburg	TIMI@vet.dtu.dk
ARTEMIA EXPERIMENTAL SYSTEM									
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	stavros@her.hcmr.gr
15	IFREMER-PEARS	FR	m3.week	2 496	8	6	<a href="http://www.ifremer.fr">www.ifremer.fr</a>	Emmanuel Rezzouk	Emmanuel.Rezzouk@ifremer.fr
31	Ugent-Gen ART	BE	1 month x 60 vials	18	9	8	<a href="http://www.aquaculture.ugent.be">http://www.aquaculture.ugent.be</a>	Kristof Dierckens	kristof.dierckens@UGent.be
FACILITIES FOR BEHAVIOUR STUDIES									
1	INRA-PEIMA	FR	tank.week	500	4	2	<a href="https://www6.rennes.inra.fr/peima_eng/">https://www6.rennes.inra.fr/peima_eng/</a>	Laurent Labbé	laurent.labbe@rennes.inra.fr
4	IMR-ELI	NO	Tank/week	192	1	0	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	oivindto@imr.no
5	IMR-CEL	NO	Tank/week	72	1	1	<a href="http://www.imr.no">www.imr.no</a>	Øivind Torslett	oivindto@imr.no
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	d.j.penman@stir.ac.uk
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	stavros@her.hcmr.gr
16	Nofima-NCRA	NO	tank.week	164	4	3	<a href="http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/">http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/</a>	Per Brunsvik	per.brunsvik@nofima.no
23	NTNU-CodTech	NO	week	21	3	3	<a href="http://www.ntnu.no/marine/sealab">www.ntnu.no/marine/sealab</a>	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no



25	SINTEF-ACE	NO	Week	12	3	2	<a href="http://www.sintef.no/fish">www.sintef.no/fish</a>	Gunnar Senneset	<a href="mailto:gunnar.senneset@sintef.no">gunnar.senneset@sintef.no</a>
26	ULPGC-WWSSU	ES	Tank.Week	720	2	1	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Juan Manuel Afonso Lopéz	<a href="mailto:juanmanuel.afonso@ulpgc.es">juanmanuel.afonso@ulpgc.es</a>
27	ULPGC-MBS	ES	Tank.Week	288	2	0	<a href="http://www.grupoinvestigacionacuicultura.org">www.grupoinvestigacionacuicultura.org</a>	Daniel Montero Vitores	<a href="mailto:daniel.montero@ulpgc.es">daniel.montero@ulpgc.es</a>
29	WU-MRU	NL	weeks	24	3	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	<a href="mailto:Menno.terVeld@wur.nl">Menno.terVeld@wur.nl</a>
30	WU-RAS	NL	weeks	16	2	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	<a href="mailto:Menno.terVeld@wur.nl">Menno.terVeld@wur.nl</a>
34	UL-Behaviour	FR	Camera.week	48	2	2	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Sylvain Milla	<a href="mailto:Sylvain.Milla@univ-lorraine.fr">Sylvain.Milla@univ-lorraine.fr</a>
37	IEO-ICRA	ES	1 week	20	2	2	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	<a href="mailto:aurelio.ortega@mu.ieo.es">aurelio.ortega@mu.ieo.es</a>
<b>GENIOMIC STUDIES</b>									
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	<a href="mailto:d.j.penman@stir.ac.uk">d.j.penman@stir.ac.uk</a>
9	CSIC-IATS-ANA	ES	person/week	20	5	1	<a href="http://www.iats.csic.es">www.iats.csic.es</a>	Josep Calduch-Giner	<a href="mailto:j.calduch@csic.es">j.calduch@csic.es</a>
12	HCMR-Omics-Bioinfo	GR	week	48	4	4	<a href="http://www.imbbc.hcmr.gr/content/institute">http://www.imbbc.hcmr.gr/content/institute</a>	Costas Tsigenopoulos	<a href="mailto:tsigeno@hcmr.gr">tsigeno@hcmr.gr</a>
18	Nofima-NNGS	NO	40 samples	4	4	3	<a href="http://nofima.no/en/forskning/somrade/food-safety-and-quality/molecular-analysis/">http://nofima.no/en/forskning/somrade/food-safety-and-quality/molecular-analysis/</a>	Ida Rud	<a href="mailto:ida.rud@nofima.no">ida.rud@nofima.no</a>
<b>MATHEMATICAL/COMPUTER MODELLING</b>									
7	UoS-IoA	GB	person.week	99	14	9	<a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>	David Penman	<a href="mailto:d.j.penman@stir.ac.uk">d.j.penman@stir.ac.uk</a>
11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	<a href="mailto:stavros@her.hcmr.gr">stavros@her.hcmr.gr</a>
19	JU-ICS	CZ	week	10	5	4	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	<a href="mailto:jkolecek@frov.jcu.cz">jkolecek@frov.jcu.cz</a>
25	SINTEF-ACE	NO	Week	12	3	2	<a href="http://www.sintef.no/fish">www.sintef.no/fish</a>	Gunnar Senneset	<a href="mailto:gunnar.senneset@sintef.no">gunnar.senneset@sintef.no</a>
<b>WAVE TANK</b>									
24	NTNU-Mclab	NO	week	5	3	2	<a href="http://www.ntnu.edu/imt/lab/cybernetics">http://www.ntnu.edu/imt/lab/cybernetics</a>	Sverre Steen	<a href="mailto:sverre.steen@ntnu.no">sverre.steen@ntnu.no</a>
<b>FEED FORMULATION FACILITIES</b>									
2	INRA-STPEE	FR	tank.week	720	4	2	<a href="http://www6.bordeaux-aquitaine.inra.fr/st_pee">http://www6.bordeaux-aquitaine.inra.fr/st_pee</a>	Stephane Panserat	<a href="mailto:stephane.panserat@inra.fr">stephane.panserat@inra.fr</a>

11	HCMR-Aqualabs-Souda	GR	week	125	10	8	www.hcmr.gr	Stavros Chatzifotis	stavros@her.hcmr.gr
28	ULPGC-FITU	ES	Tank.Week	498	3	0	www.grupoinvestigacionacuicultura.org	Marisol Izquierdo López	marisol.izquierdo@ulpgc.es
29	WU-MRU	NL	weeks	24	3	1	www.afi.wur.nl	Menno Ter Veld	Menno.terVeld@wur.nl
30	WU-RAS	NL	weeks	16	2	1	www.afi.wur.nl	Menno Ter Veld	Menno.terVeld@wur.nl
<b>POST HAVEST PROCESSING FACILITIES</b>									
1	INRA-PEIMA	FR	tank.week	500	4	2	https://www6.rennes.inra.fr/p/peima_eng/	Laurent Labbé	laurent.labbe@rennes.inra.fr
20	JU-IAPW	CZ	week	25	5	2	http://www.frov.jcu.cz/en	Jiří Koleček	jkolecek@frov.jcu.cz
26	ULPGC-WWSSU	ES	Tank.Week	720	2	1	www.grupoinvestigacionacuicultura.org	Juan Manuel Afonso Lopéz	juanmanuel.afonso@ulpgc.es
27	ULPGC-MBS	ES	Tank.Week	288	2	0	www.grupoinvestigacionacuicultura.org	Daniel Montero Vítóres	daniel.montero@ulpgc.es
28	ULPGC-FITU	ES	Tank.Week	498	3	0	www.grupoinvestigacionacuicultura.org	Marisol Izquierdo López	marisol.izquierdo@ulpgc.es
<b>E-INFRASTRUCTURE (monitor &amp; control over the Internet)</b>									
16	Nofima-NCRA	NO	tank.week	164	4	3	http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/	Per Brunsvik	per.brunsvik@nofima.no
23	NTNU-CodTech	NO	week	21	3	3	www.ntnu.no/marine/sealab	Jan Ove Evjemo	jan.ove.evjemo@bio.ntnu.no
25	SINTEF-ACE	NO	Week	12	3	2	www.sintef.no/fish	Gunnar Senneset	gunnar.senneset@sintef.no
29	WU-MRU	NL	weeks	24	3	1	www.afi.wur.nl	Menno Ter Veld	Menno.terVeld@wur.nl
30	WU-RAS	NL	weeks	16	2	1	www.afi.wur.nl	Menno Ter Veld	Menno.terVeld@wur.nl
32	IMARES-RECIRC	NL	one system week	175	5	4	http://www.WLR.nl	Wout Abbink	wout.abbink@wur.nl
<b>ANALYTICAL FACILITIES</b>									
1	INRA-PEIMA	FR	tank.week	500	4	2	https://www6.rennes.inra.fr/p/peima_eng/	Laurent Labbé	laurent.labbe@rennes.inra.fr
2	INRA-STPEE	FR	tank.week	720	4	2	http://www6.bordeaux-aquitaine.inra.fr/st_pee	Stephane Panserat	stephane.panserat@inra.fr
7	UoS-IoA	GB	person.week	99	14	9	www.aqua.stir.ac.uk	David Penman	d.j.penman@stir.ac.uk
9	CSIC-IATS-ANA	ES	person/week	20	5	1	www.iats.csic.es	Josep Calduch-Giner	j.calduch@csic.es

11	HCMR-Aqualabs-Souda	GR	week	125	10	8	<a href="http://www.hcmr.gr">www.hcmr.gr</a>	Stavros Chatzifotis	<a href="mailto:stavros@her.hcmr.gr">stavros@her.hcmr.gr</a>
20	JU-IAPW	CZ	week	25	5	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	<a href="mailto:jkolecek@frov.jcu.cz">jkolecek@frov.jcu.cz</a>
21	JU-IFA	CZ	week	40	5	4	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	<a href="mailto:jkolecek@frov.jcu.cz">jkolecek@frov.jcu.cz</a>
22	JU-GRC	CZ	week	12	6	2	<a href="http://www.frov.jcu.cz/en">http://www.frov.jcu.cz/en</a>	Jiří Koleček	<a href="mailto:jkolecek@frov.jcu.cz">jkolecek@frov.jcu.cz</a>
23	NTNU-CodTech	NO	week	21	3	3	<a href="http://www.ntnu.no/marine/sealab">www.ntnu.no/marine/sealab</a>	Jan Ove Evjemo	<a href="mailto:jan.ove.evjemo@bio.ntnu.no">jan.ove.evjemo@bio.ntnu.no</a>
25	SINTEF-ACE	NO	Week	12	3	2	<a href="http://www.sintef.no/fish">www.sintef.no/fish</a>	Gunnar Senneset	<a href="mailto:gunnar.senneset@sintef.no">gunnar.senneset@sintef.no</a>
29	WU-MRU	NL	weeks	24	3	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	<a href="mailto:Menno.terVeld@wur.nl">Menno.terVeld@wur.nl</a>
30	WU-RAS	NL	weeks	16	2	1	<a href="http://www.afi.wur.nl">www.afi.wur.nl</a>	Menno Ter Veld	<a href="mailto:Menno.terVeld@wur.nl">Menno.terVeld@wur.nl</a>
33	UL-EPA	FR	RAS.week	144	2	0	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Pascal Fontaine	<a href="mailto:p.fontaine@univ-lorraine.fr">p.fontaine@univ-lorraine.fr</a>
34	UL-Behaviour	FR	Camera.week	48	2	2	<a href="http://www.urafpa.fr">www.urafpa.fr</a>	Sylvain Milla	<a href="mailto:Sylvain.Milla@univ-lorraine.fr">Sylvain.Milla@univ-lorraine.fr</a>
35	DTU-VET	DK	1 day	200	5	4	<a href="http://www.vet.dtu.dk">www.vet.dtu.dk</a>	Tine Iburg	<a href="mailto:TIMI@vet.dtu.dk">TIMI@vet.dtu.dk</a>
37	IEO-ICRA	ES	1 week	20	2	2	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	<a href="mailto:aurelio.ortega@mu.ieo.es">aurelio.ortega@mu.ieo.es</a>
38	IEO-MAP	ES	1 week	40	4	3	<a href="https://www.mu.ieo.es">https://www.mu.ieo.es</a>	Aurelio Ortega García	<a href="mailto:aurelio.ortega@mu.ieo.es">aurelio.ortega@mu.ieo.es</a>