



# AQUAEXCEL

Aquaculture Infrastructures for Excellence in European Fish Research

Project number: 262336

Combination of CP & CSA  
Seventh Framework Programme  
Capacities

## ***Deliverable 4.4***

### **Final Evaluation of the call for access**

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<b>PU</b> Public	<b>X</b>
<b>PP</b> Restricted to other programme participants (including the Commission Services)	
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## Glossary

AQUAEXCEL:	Aquaculture Infrastructures for Excellence in European Fish Research
AQUA TT	AquaTT UETP Ltd
CSIC	Agencia Estatal Consejo Superior de Investigaciones Cientificas
EATIP	European Aquaculture Technology Platform
ExCom	Executive Committee
GC	Governing Council
HAKI	Research Institute for Fisheries, Aquaculture and Irrigation
HCMR	Hellenic Centre for Marine Research
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer
IMARES	Institute for Marine Resources and Ecosystem Studies
IMR	Havforskningsinstituttet
INRA	Institut National de la Recherche Agronomique
IT	INRA Transfert S.A
NOFIMA	Nofima Marin AS
NTNU	Norges teknisk-naturvitenskapelige universitet
PDF	Portable Document Format (Adobe Acrobat File)
SINTEF	SINTEF Fiskeri og havbruk AS
SRA	Strategic Research Agenda (of the EATIP)
TNA	TransNational Access
UGENT	Universiteit Gent
ULPGC	Universidad de las Palmas de Gran Canaria
UoS	The University of Stirling
VURH	University of South Bohemia
WU	Wageningen Universiteit

## Definitions

**Access provider:** means the beneficiary that is in charge of providing access to the infrastructure(s) or installation(s),

**Applicant:** A potential user of an Infrastructure who has applied for Transnational Access

**Evaluator:** A person involved in reviewing applications for Transnational Access and involved in decisions on whether they should be approved for project funding; i.e. a member of the Selection Panel or the Ethics Adviser

**Facility:** A generic term to indicate either an Infrastructure or a specific Installation as appropriate

**Host:** used as shorthand for “Access provider”

**Infrastructure:** means a facility, a resource (or a coherent set of them) together with the related services that are used by the scientific community to conduct research.

**Installation:** means a part of an infrastructure that could be used independently from the rest.

**User:** means a researcher within a user group, including the user group leader.

**User group:** means a research team of one or more researchers given access to the infrastructure under the project. Each user group is led by a user group leader.

## Summary

### **Objectives**

The aim of this evaluation is to consider the call for AQUAEXCEL Transnational Access (TNA) itself in terms of the response, and the satisfaction of the Users and Access Providers with the process, particularly further to their period of access.

The AQUAEXCEL project started in March 2011 with the facilitation of access to the 23 Research Infrastructures as a major component. Following the first project meeting it was decided to organize administration of TNA through a series of 7 calls issued at six monthly intervals administered through Workpackage 4 (Leader, the University of Stirling). In the final year of the project it was decided to increase the frequency to every 3 months, which resulted in a total of 9 calls. This evaluation follows an earlier interim evaluation of the access given (D4.3).

### **Rationale:**

The evaluation firstly consists of an analysis of the data collected on received and approved applications made by user groups to access the project research infrastructures. A total of 146 applications were received in the 3 calls, of which 9 were resubmissions and one was withdrawn prior to evaluation. A total of 136 unique project proposals were therefore received and evaluated. Of these, 103 were approved and 98 implemented. The difference here was due to two projects which were withdrawn following approval and three that were not able to proceed due to insufficient units of resource or time at the host infrastructure. Statistics on applicant's profiles were compared with those of the selected projects to check if there is any indication of selection bias. The results suggest there is no systematic bias involved.

The initial assessment was followed up through a systematic satisfaction questionnaire sent to all User Groups and Access Providers. This asked them to rate their experience according to various criteria, and also asked about issues arising and plans for future collaboration as well as dissemination and exploitation of results.

The response of both Users and Hosts was positive or very positive with the majority of projects leading to further plans for cooperation. However, relatively few substantive outputs have yet been produced, although most projects anticipate some form of scientific publication and a small number have commenced commercial exploitation.

The opinions of the Selection Panel on the overall process were also sought through the use of a survey form to help guide administration of future TNA projects.

**Teams involved:** University of Stirling, Nofima, Selection Panel, Ethics Adviser, All TNA hosts and users

**Geographical areas covered:** Europe

# 1 Introduction

This evaluation of the Transnational Access (TNA) provided under the AQUAEXCEL project was carried out at the mid-point of the project (after two years) as Deliverable 4.3. During that time there had been three calls for access and corresponding rounds of project review and selection. The purpose of that evaluation was to identify any problems that had arisen and consider ways in which the management and execution of TNA could be improved for the remainder of the project.

This final evaluation of the Transnational Access (Deliverable 4.4) used the same data sources and new and updated feedback responses to present a final report on the Transnational Access. As with the interim evaluation, data is aggregated and comments are quoted anonymously in order to protect confidentiality.

The AQUAEXCEL project offered access to 23 aquaculture Research Infrastructures (27 facilities provided by 15 partners) under the EU 7<sup>th</sup> Framework Capacities Programme. During the 4 years of the project, 98 projects were carried out, involving 145 researchers travelling to access the project infrastructures. Call details were publicized on the project web site at [http://www.aquaexcel.eu/call\\_for\\_access](http://www.aquaexcel.eu/call_for_access) and leaflets, posters and other promotional materials were also distributed at events and through partner organisations.

# 2 Methodology

Most of the data used in this evaluation was collected by means of PDF forms with the data then collated into spreadsheets for analysis. Some follow-up was carried out by e-mail or telephone/Skype to discuss specific issues where appropriate. A TNA meeting was also held at the final project meeting involving members of the Selection Panel and invited TNA users, where evaluation issues were discussed. However, most of the analysis is from the following sources (copies of forms provided in the Appendices):

- 1) List of approved projects and access provided
- 2) Membership of Selection Panel
- 3) Application forms for TNA
- 4) Survey forms completed by TNA users
- 5) Survey forms completed by TNA providers (hosts)
- 6) Survey forms completed by members of the Selection Panel and Ethics Adviser

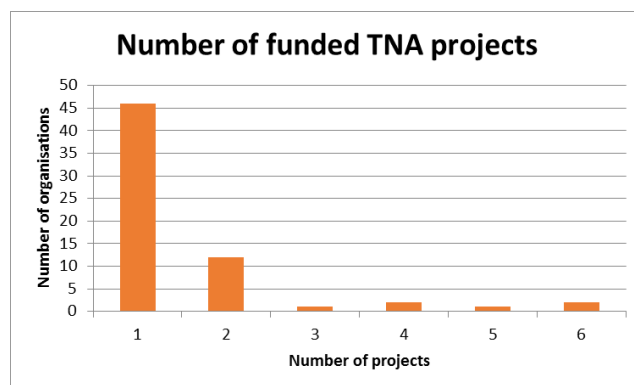
The survey forms were distributed in January 2015 and responses were received until a final cut-off date in April. Views were only sought from successful applicants with approved projects. Where appropriate, forms from the initial evaluation of access were reused (i.e. where no updates had been provided).

### 3 Overview of applications and access provided

#### 3.1 Projects and Infrastructures

A total of 146 applications were received in the 9 calls, of which nine were resubmissions and one was withdrawn prior to evaluation. A total of 136 separate project proposals were therefore evaluated of which 103 were approved and 33 not approved. Of those approved, two were withdrawn and three could not be carried out due to lack of resources or time at the proposed infrastructure. A total of 98 projects were therefore funded and implemented.

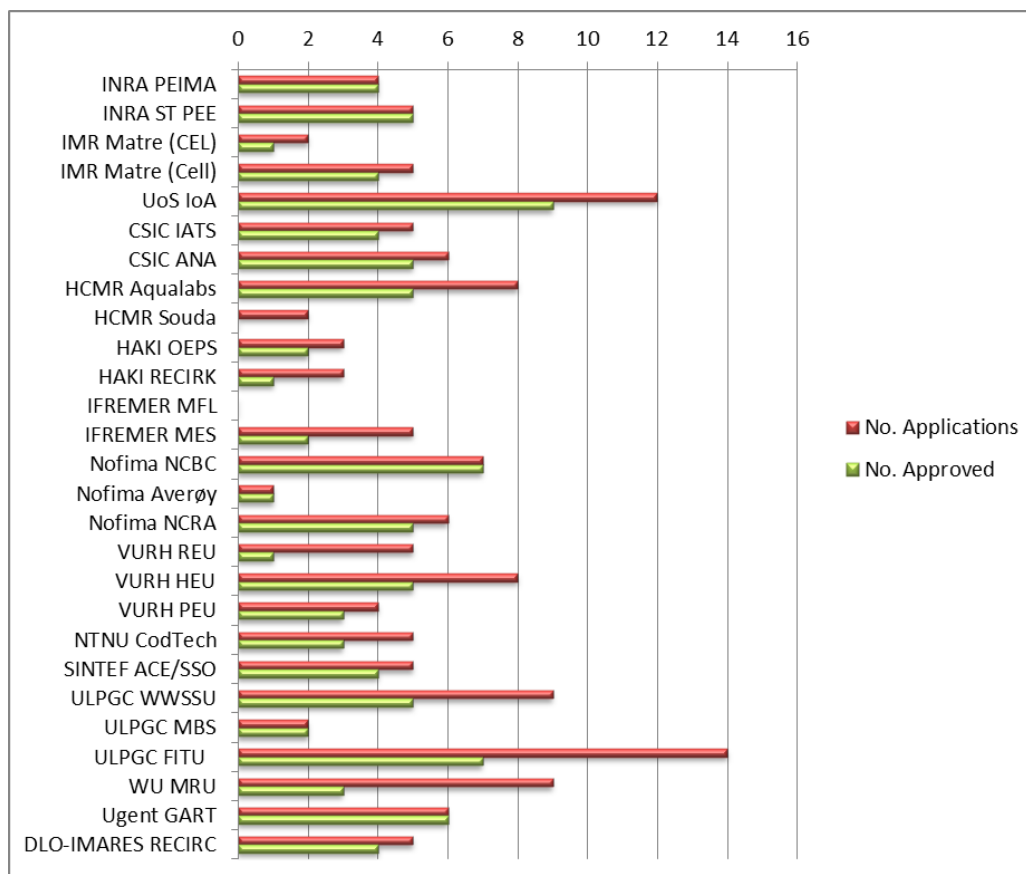
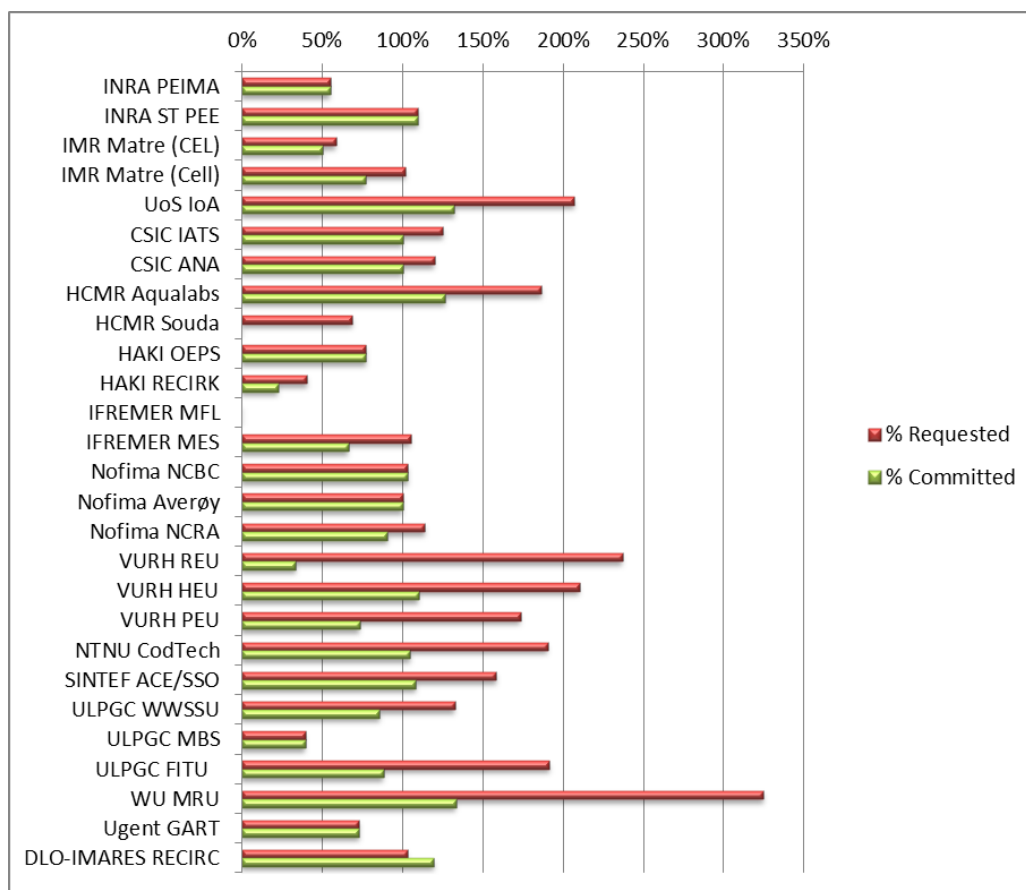
	No. (-)	No.	%	Call	No. Applications	No. Approved/ implemented	% Approved
<b>Applications</b>		<b>146</b>					
Withdrawn prior to evaluation	1			1	11	4/4	36
Disqualified	1			2	20	12/12	60
Resubmission in following calls	9			3	24	17/15	71
<b>unique valid applications</b>		<b>136</b>	<b>100%</b>	4	18	15/15	83
<b>Approved</b>		<b>103</b>	<b>76%</b>	5	22	15/13	68
Withdrawn following approval	2			6	16	10/10	62
Approved but no resource	3			7	6	5/5	83
Failed to be executed in time or disallowed				8	15	11/11	73
<b>funded projects</b>		<b>98</b>	<b>72%</b>	9	14	14/13	100
Not approved	33		<b>24%</b>	<b>TOTAL</b>	<b>146*</b>	<b>103/98</b>	<b>65</b>



Applications were received from 85 different European organizations of which 64 were funded with at least one project. Twenty four of the project proposals (18%) and eighteen of those selected (18%) were from member organizations of the AQUAEXCEL consortium. Forty six organizations from outside the consortium therefore participated in the TNA. Around 72% of participating organizations had only one project funded whilst 19% had two projects and

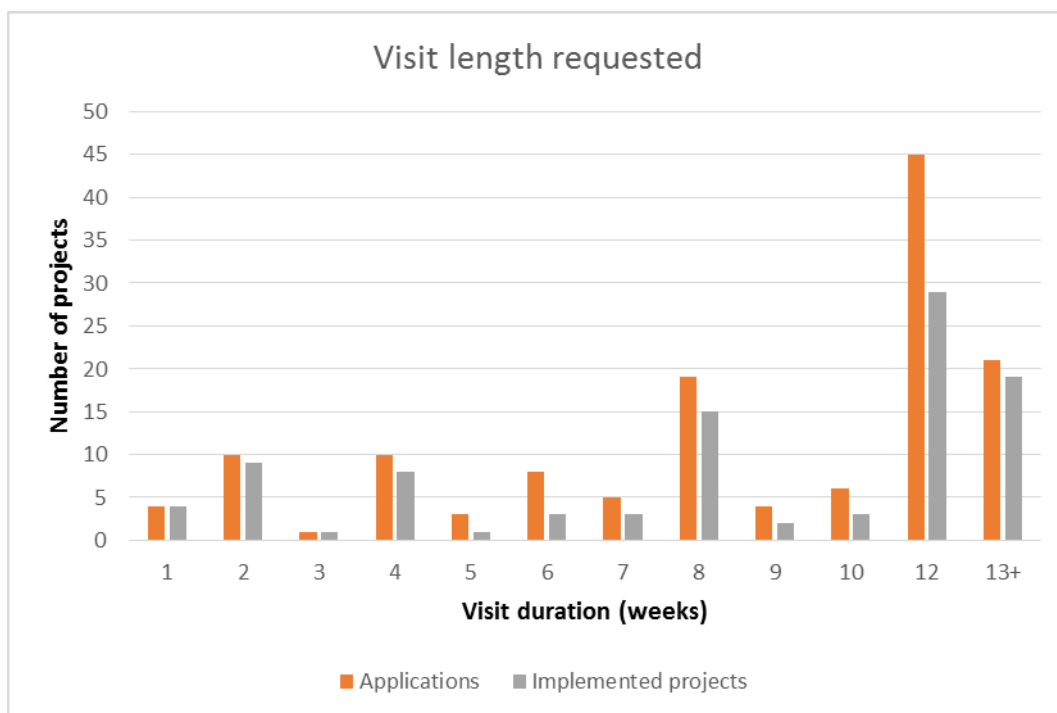
six organizations had up to 6 projects funded.

At the start of the project, each infrastructure had a budget for the access that could be provided, which was expressed as units of resource. For the project overall, 126% of the available units of resource were applied for and 77% ultimately allocated and utilized. The pattern of applications to the different infrastructures was uneven, but the average utilization was 81%. Only one infrastructure received no applications. Nine infrastructures were more than 100% utilized, three were at 100% and seven others above 70% utilization.



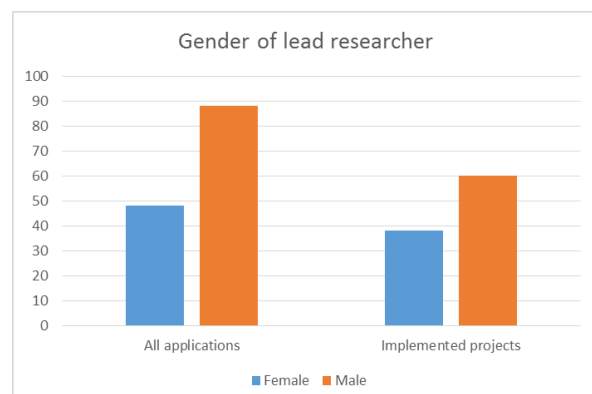


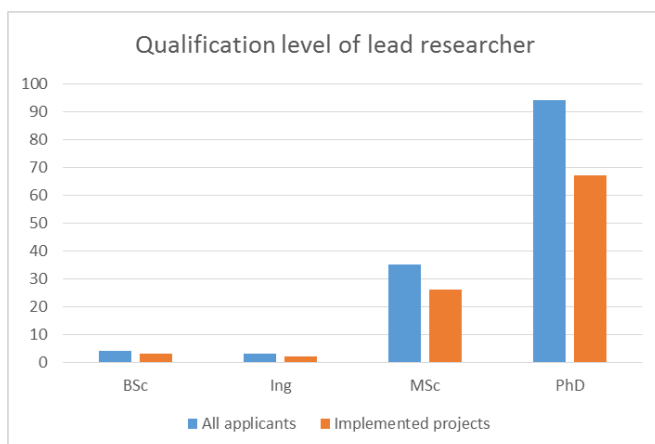
The original budgets also envisaged a total of 135 funded projects involving 161 visiting scientists. The final numbers were 98 projects (72%) and 147 scientist visits (91%) not including multiple visits by the same person. This suggests that more projects involved two people (the maximum allowed) than originally envisaged and perhaps also that the average project length was slightly longer than anticipated in the budgets.



### 3.2 Profiles of project applicants

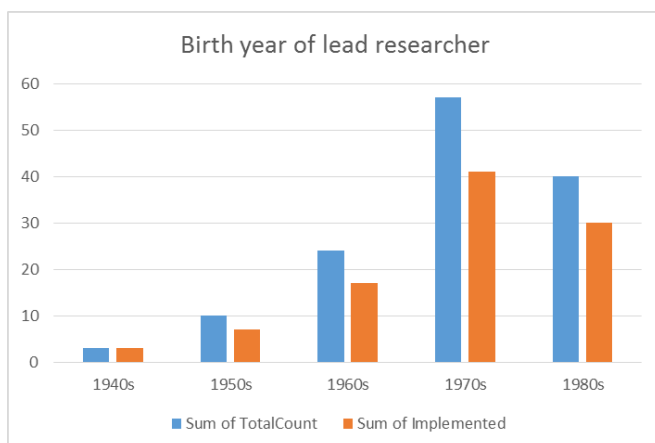
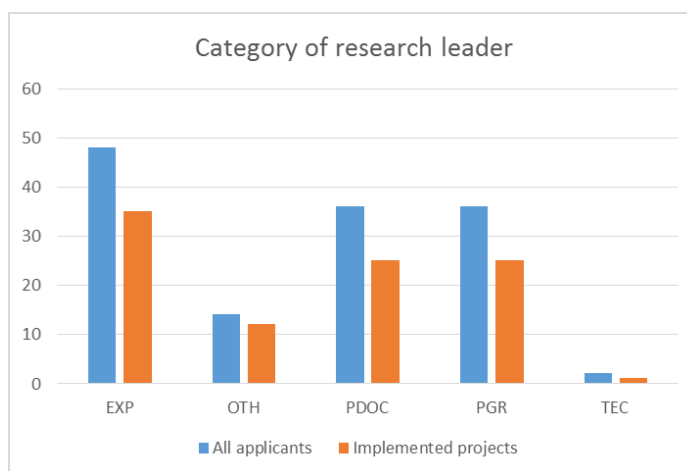
Of the 136 project applications, 88 (65%) were from males and 48 (35%) were from females. This ratio improved slightly in the selected projects to 61% male and 39% female.





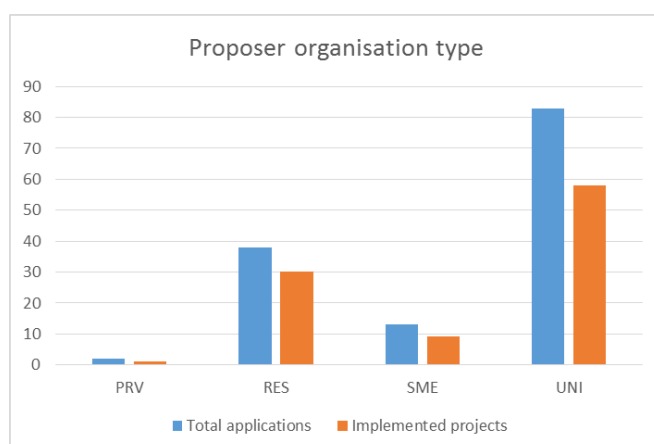
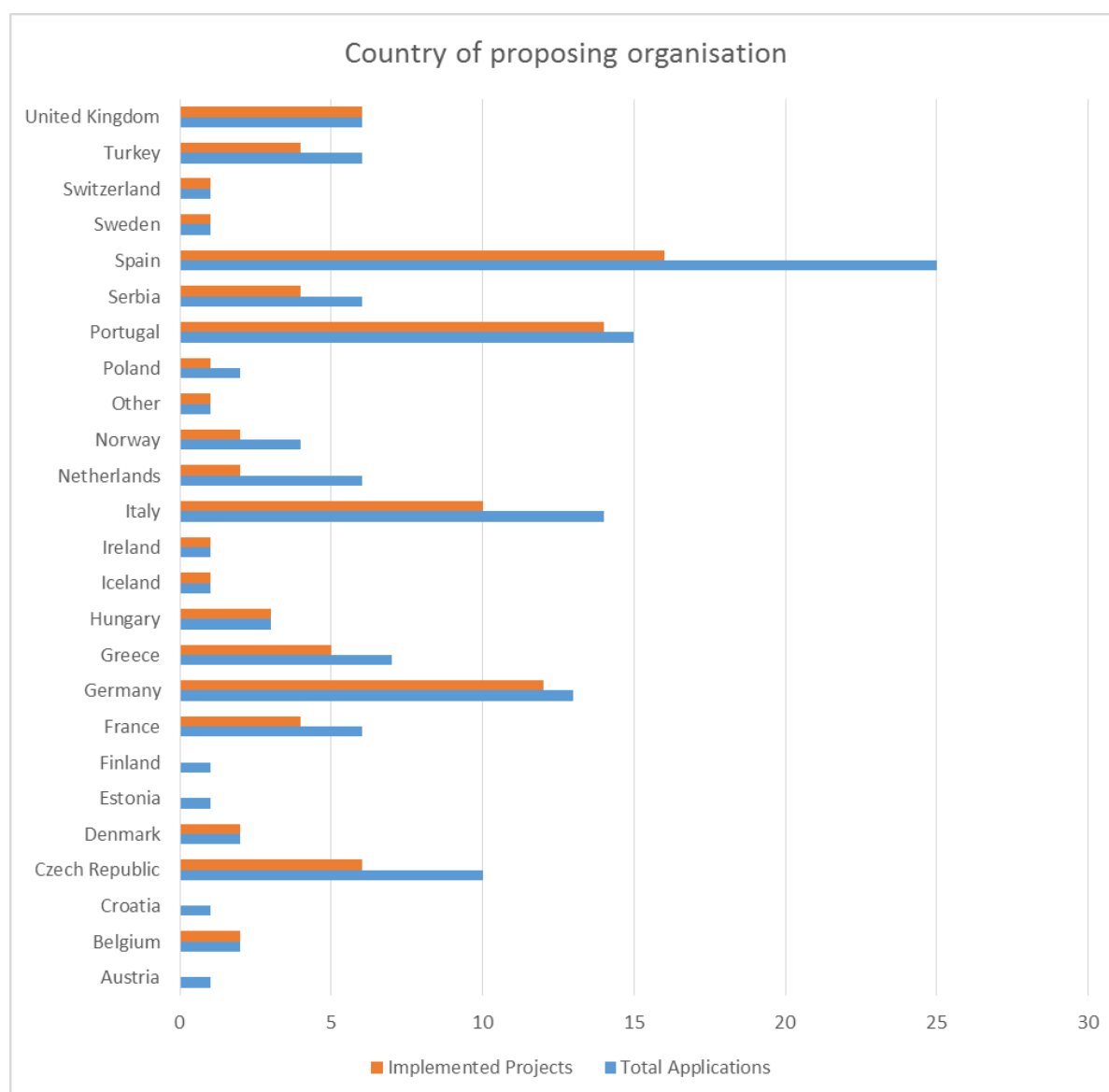
69% of the applicants already held a PhD and 26% an MSc. In the selected projects the ratio of MSc holders increased slightly to 27% and PhD holders decreased slightly to 68%

35% of the applicants were experienced researchers, 26% post doctoral researchers, 26% postgraduate researchers and 11% other. These ratios were more or less retained in the selected projects (36%, 26%, 26% and 13% respectively).



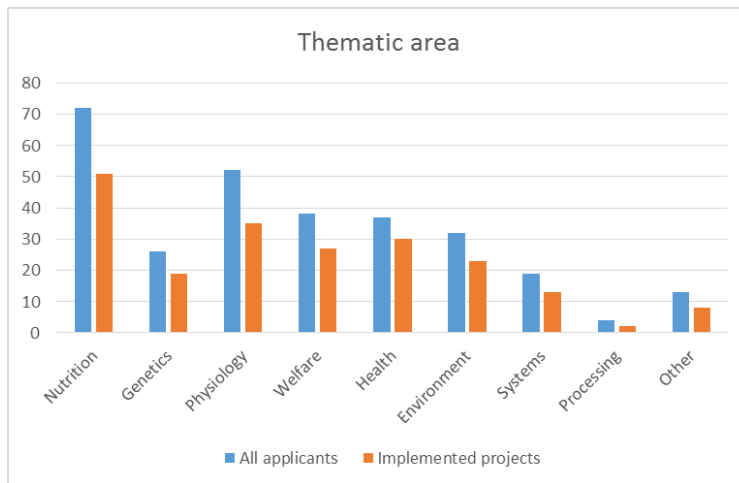
In terms of age, over 70% of the applicants (and projects funded) were born after 1970 (i.e. mostly aged below 40). 18% were born in the 1960s and 10% in the 1950s or 1940s. The modal birth year for TNA applicants was 1979, the mean 1974 and the median 1968.

Applications were received from 25 different countries. In terms of numbers of successful project applications, the largest number was from Spain then Portugal, Germany, Italy, Czech Republic and UK.



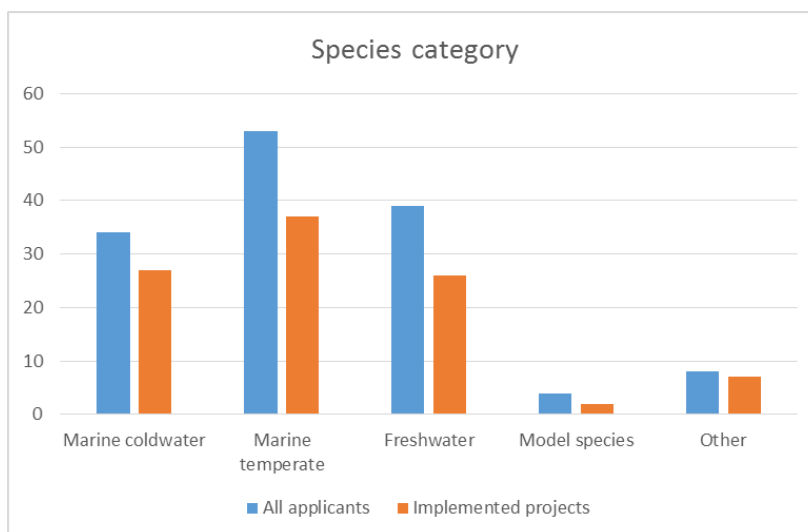
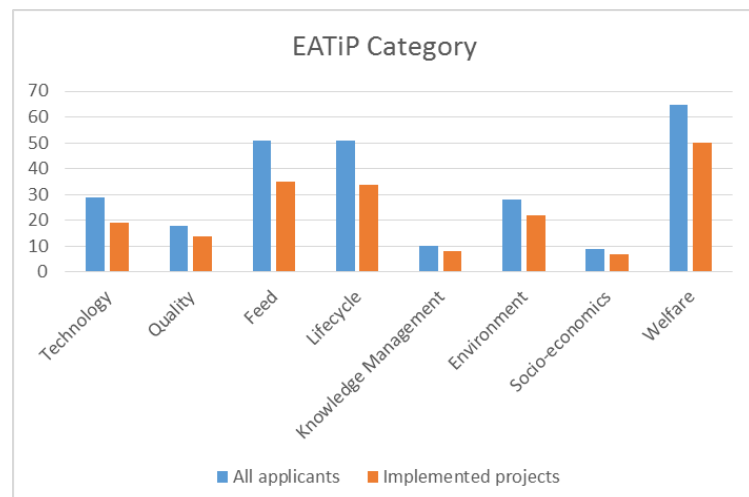
61% of applications were from universities, 28% from research institutes and 11% from private companies (mostly SMEs). These ratios for approved projects were fairly similar (59%, 31%, and 10% respectively).

### 3.3 Categorisation of projects



Using the AQUAEXCEL classification system for thematic area, the distribution of applications and approved projects is shown below. The greatest number of applications and approvals have been in the area of nutrition, followed by physiology, welfare and health.

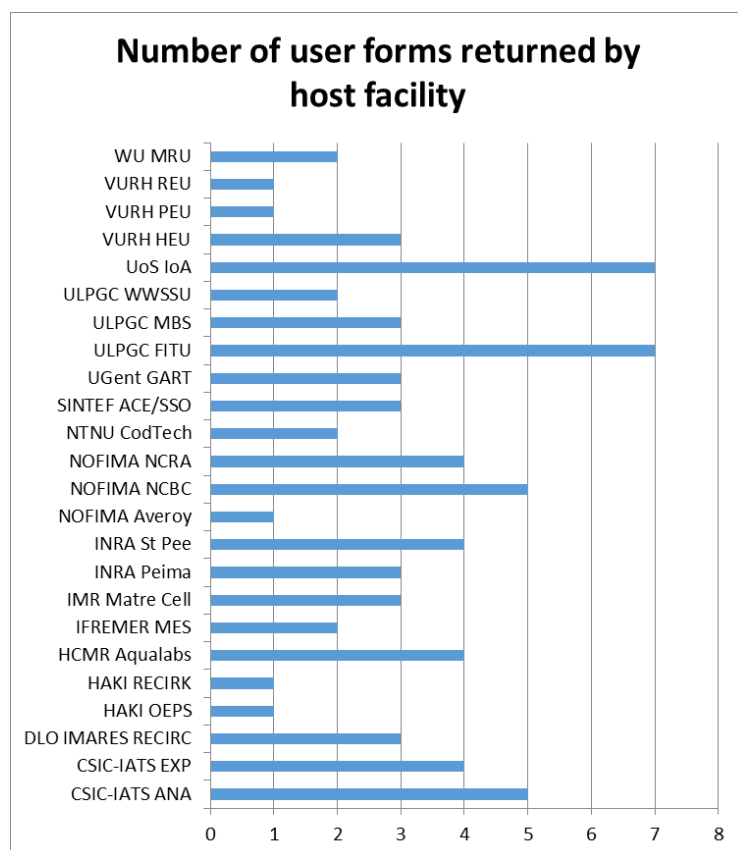
Categorization by EATiP Thematic Areas (multiple areas allowed) showed welfare to be most popular, followed by feed, lifecycle, environment and technology.



Classification of projects by species group (AQUAEXCEL Categories) revealed the largest number of applications for marine temperate species (e.g. Mediterranean) (39% of applications and 38% of implemented projects), followed by freshwater (29/27%) and then by marine coldwater (25/28%) with 9% of projects on model or other species.

## 4 Feedback from users

### 4.1 Response received

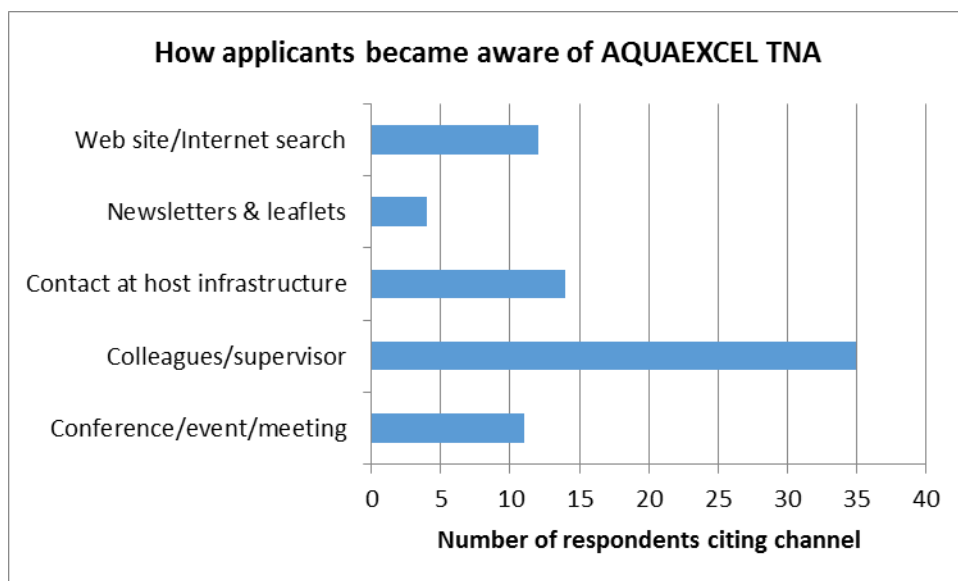


Leaders of 75 of the 98 funded projects responded to the request for feedback within the allowed period. The adjacent chart summarises the number of forms received in relation to the AQUAEXCEL Infrastructures where the visit was made.

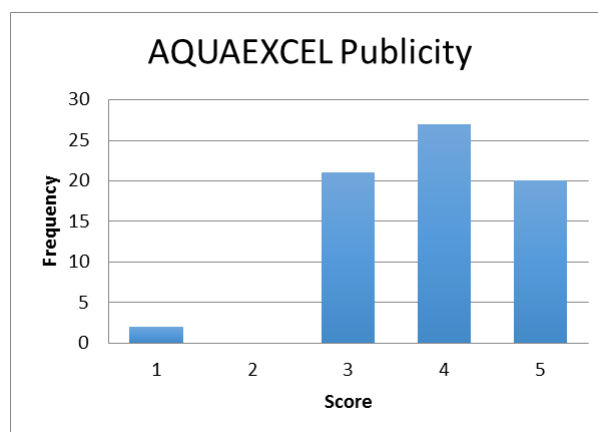
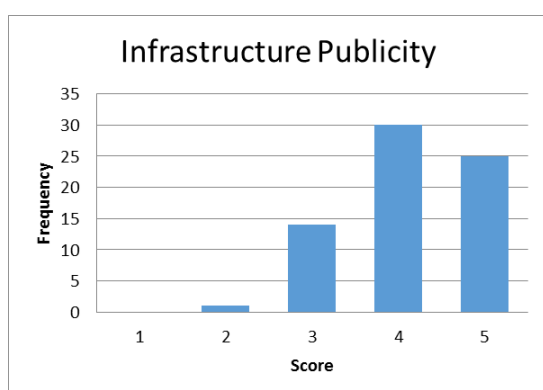
Most of the questions asked were qualitative and responses are summarized in the following sections. In some cases, respondents were asked to give their opinion as a score between 1 and 5 with 1 representing “poor” and 5 “excellent”. The results of these are presented as a histogram (frequency response) and overall average. Ratings above three can be considered positive with rating above 4 very positive.

### 4.2 Project information

Successful applicants were asked how they first became aware of the opportunity for AQUAEXCEL TNA. 64.5% indicated some form of “word of mouth” mainly from colleagues or existing contacts at the host Infrastructure. This rises to 79% if hearing about AQUAEXCEL at conferences and scientific meetings is included. Only 16% found the project by means of an Internet search, and only four people claim to have become aware of the project through an AQUAEXCEL, AquaTT or other newsletter.



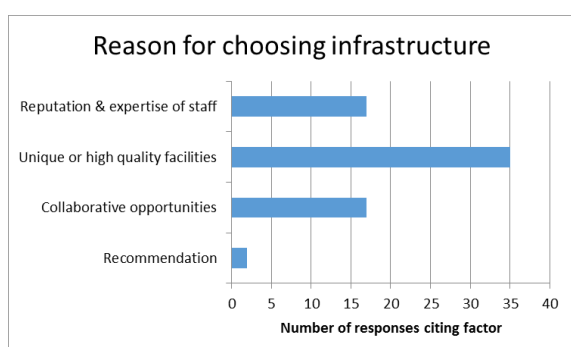
The users were asked their opinion on the publicity provided by AQUAEXCEL (this would include the Internet site and printed and downloadable materials). There were 69 responses to this question with a mean score of 3.88, suggesting room for improvement.



Opinion on the publicity provided by the individual infrastructures was more positive overall, albeit with a spread suggesting some variability between organisations. There were 69 responses to this question with an average score

of 4.13. One user commented that some requests for information were unanswered.

### 4.3 Application and evaluation procedure



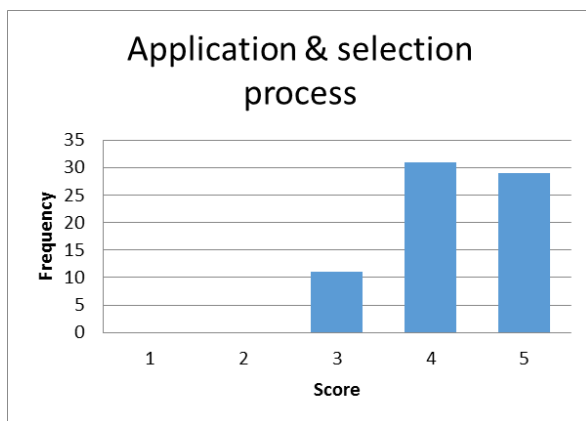
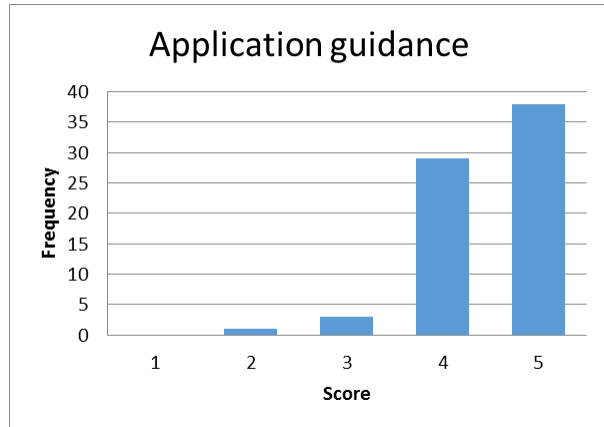
The successful applicants were asked why they selected individual Infrastructures/facilities. The main reasons given, revolved around the uniqueness or quality of the facilities being offered, and the reputation and expertise of the staff at the host institutions. Also important in several cases was the potential for longer-term collaboration, or the possibility to build on previous contacts.

Respondents were also asked if they had considered other Infrastructures. Fifteen out of 25 that responded to this

question replied that they had not, mainly due to the unique characteristics of the chosen Infrastructure. Six indicated that they had considered alternatives and four gave less relevant responses.

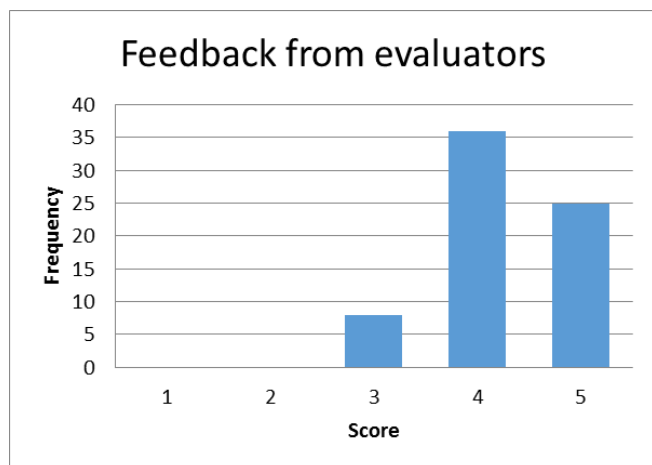
When asked if they had sought and received advice concerning choice of infrastructure, 55% (23) of the 42 respondents to this question indicated that they had sought advice, mainly from colleagues or staff of the infrastructures concerned. The others either felt they did not need personal advice, or obtained the required information from project documents.

Respondents appeared to be reasonably satisfied with the quality of practical information provided on how to apply for access. 70 responses were received with an average score of 4.5

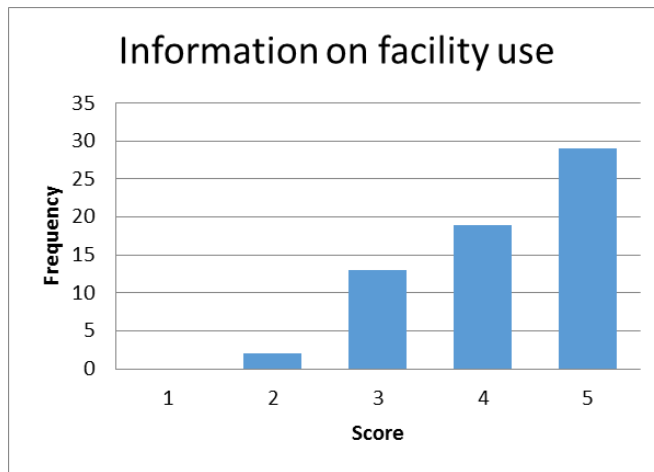


Opinion overall on the application and selection process was good with 70 responses providing an average score of 4.25.

Opinion on the usefulness of feedback from Evaluators and/or Ethics Adviser was also quite positive. 68 responses were received to this question with an average score of 4.25

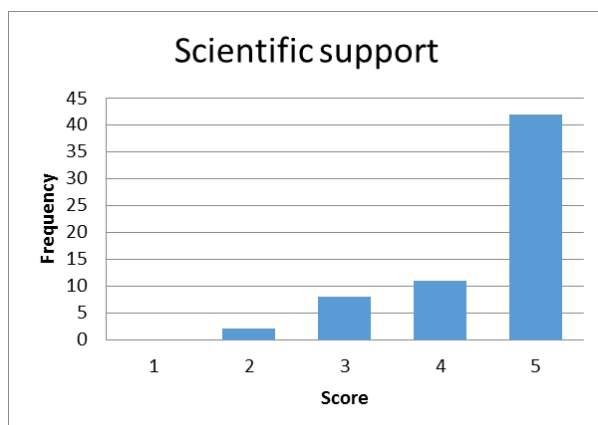
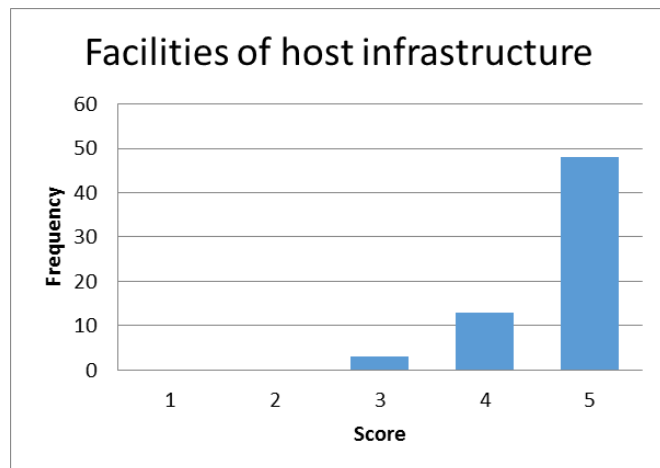


#### 4.4 TNA visits and experimental work



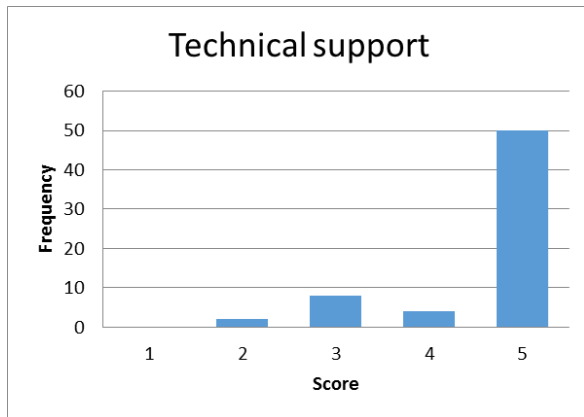
Survey respondents were asked for their opinion on the information provided, once the project was accepted, on how to use the installation. A total of 62 responses were received to this question with an average score of 4.19, which was up from 3.75 in the interim evaluation, suggesting some improvement after initial feedback.

Once visits had started, most users were very positive about the quality and suitability of the facilities at the host infrastructures. A total of 63 responses were received to this question with an average score of 4.69.



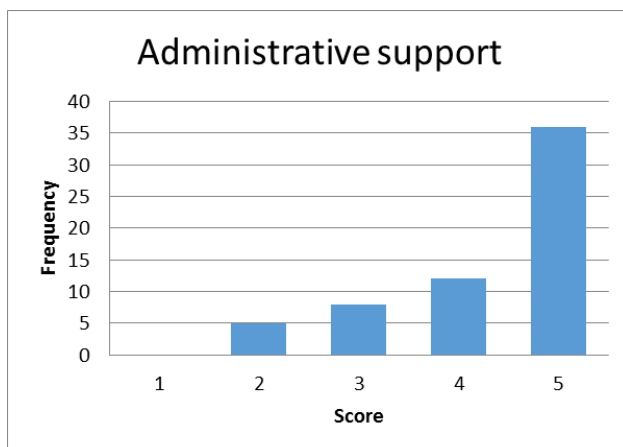
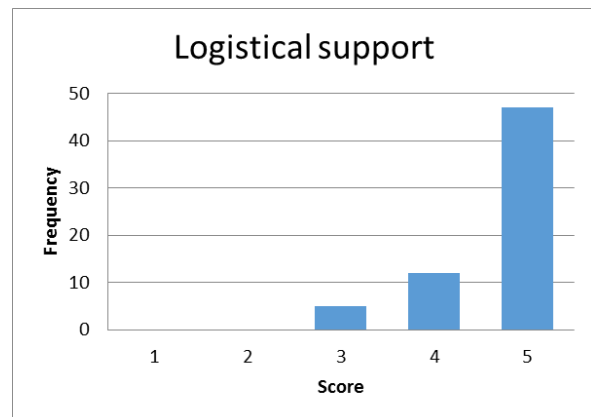
There was also a positive response to the question on the quality of scientific support to set up experiments and interpret the results. 62 responses were received with an average score of 4.46





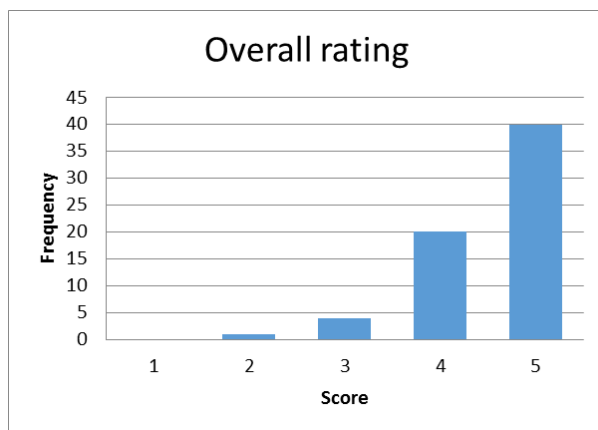
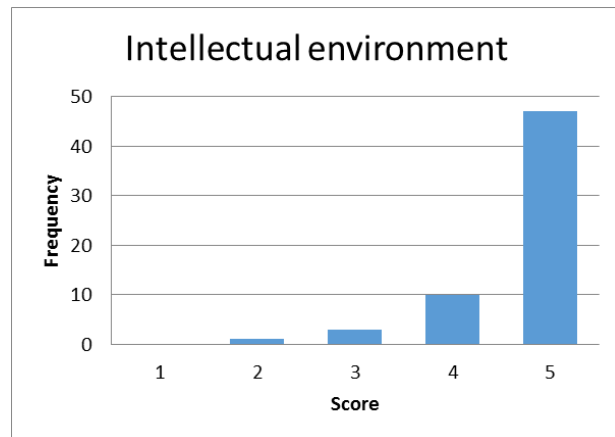
The response to the question about technical support to make best use of the installation(s) was slightly more positive than the previous one on scientific support. 63 responses were received with an average score of 4.59

Opinion on logistic support at the Infrastructure (office space, computing, libraries, and accommodation) was even higher. 63 responses were received with an average score of 4.65



Opinion of administrative support (including reimbursement of travel and subsistence expenses) was more mixed. 60 responses were received with an average score of 4.3. The main reason for this is likely to have been problems or delays in paying expenses. However, the score increased from 3.7 in the interim evaluation, suggesting improvements throughout the project.

Respondents were asked to give their opinion on the intellectual environment at the host infrastructure. 60 responses were received with an average score of 4.7, indicating general high regard for the quality of the host institutions.

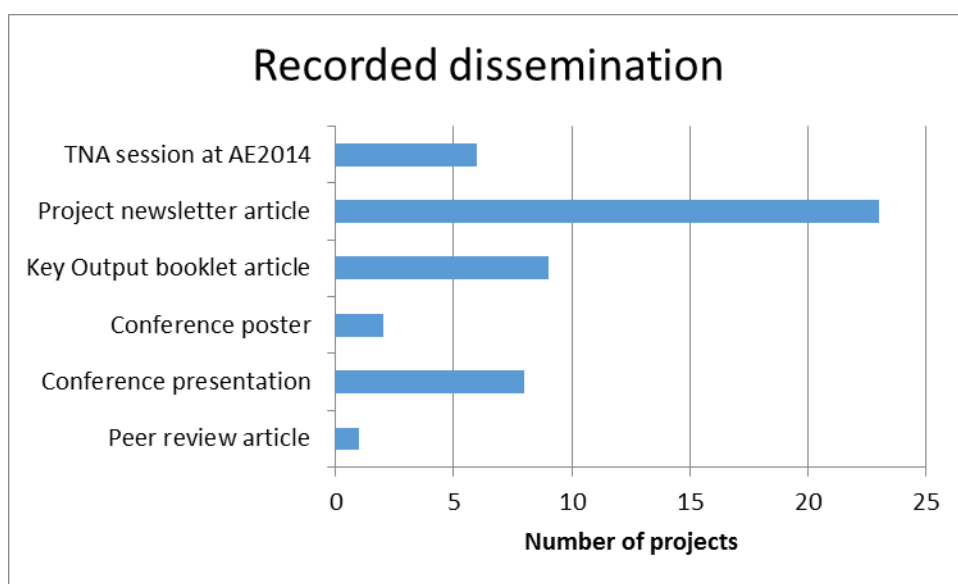


Finally, users were asked to give an overall rating of their experience of AQUAEXCEL TNA. 64 responses were received with average score of 4.53. One user gave a low score associated with a project that suffered multiple problems

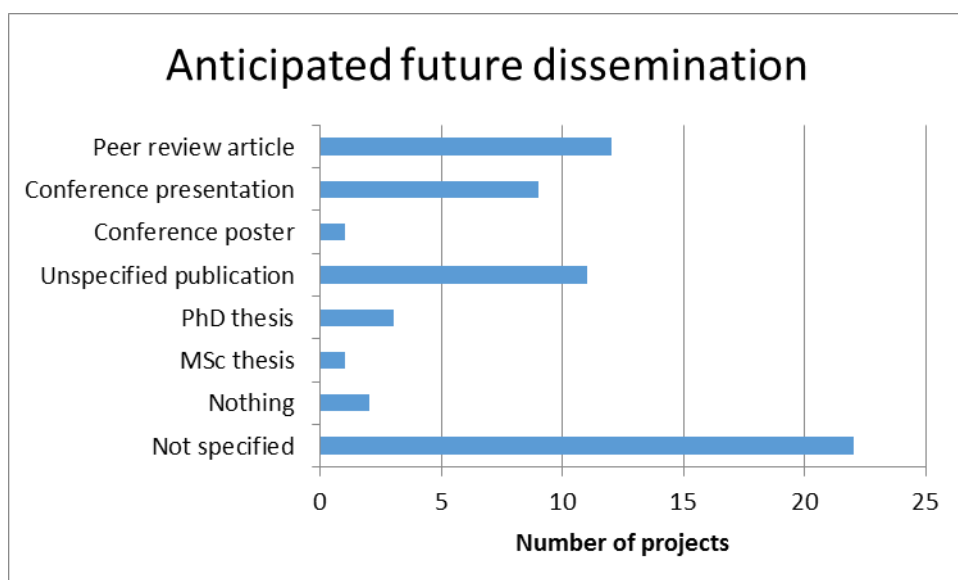
Respondents were asked to comment on any specific implementation issues that had arisen. The majority replied that there were none. A small number cited minor problems that had been overcome through changes to protocols or adaptation to planned methods etc. Two projects experienced more substantial problems e.g. in spawning the required fish, or failure to obtain the required samples for analysis within the necessary timeframe. One had problems with a computer connection to a colorimeter. Several users reported on making modifications to the workplan in light of recommendations from the Selection Panel or Ethics Adviser.

#### **4.5 Project outputs, dissemination and exploitation**

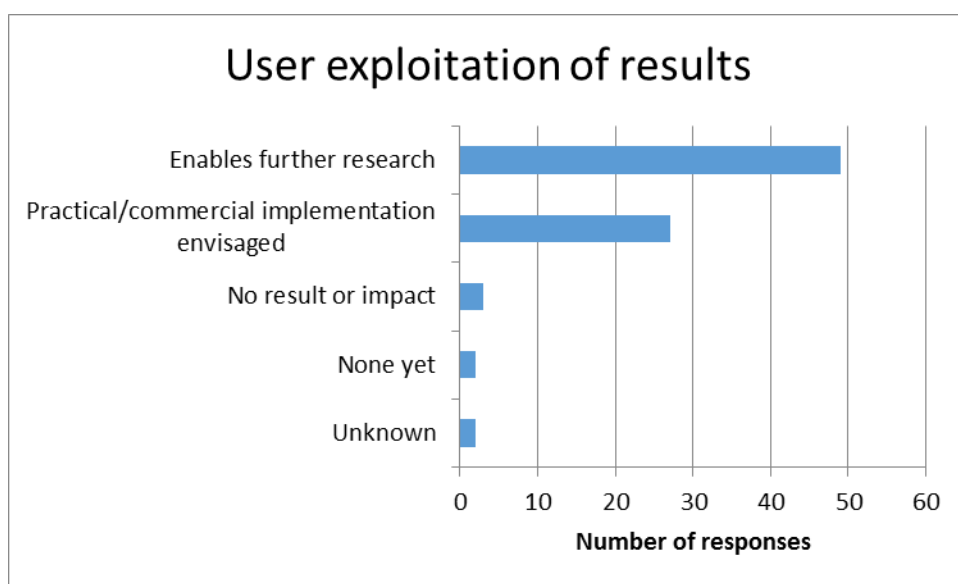
The number of clearly disseminated outputs from the TNA projects is so far relatively limited. According to the information provided, only one project recorded a published peer review article, 8 recorded conference presentations and 2 recorded conference posters. Further dissemination was carried out through project publications and a special session held at the Aquaculture Europe 2014 conference.



Users were asked about future dissemination plans. Twelve of the respondents to this question clearly identified peer review publication as a target, whilst 25 envisaged other forms of dissemination, mostly unspecified publications or conference presentations. A further 22 respondents gave information about further work but without specifying expected dissemination.



Users were also asked about exploitation of results. For most projects, the main exploitable outcome was expected to be an increase in knowledge or the development of techniques that would enable and encourage further research in the area. Twenty seven mentioned results that could be used to improve commercial production. In particular, the commercial companies had direct implementation plans. Other projects mentioned commercial benefits, but did not give specific details as to how they would be transferred to industry.

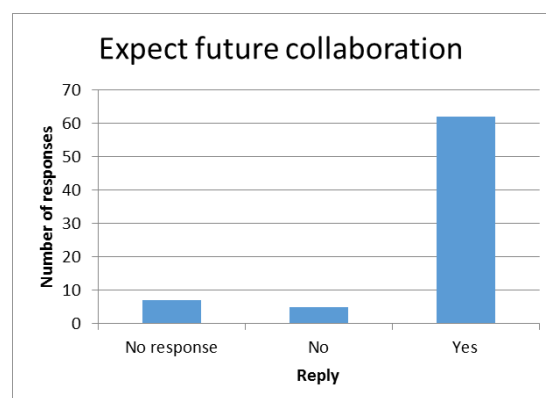
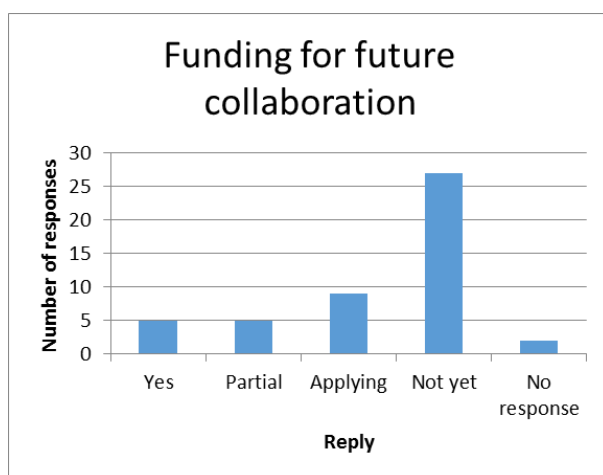


Users were additionally asked for their main project achievements. These generally followed the pattern of exploitation of results with the same technical issues/outputs mentioned.

Users are also asked to record all knowledge outputs through Workpackage 5 (D5.7). By the end of the project, around 31 users had submitted this information. From this, 9 projects were featured in AQUAEXCEL Key Output Booklets and 23 projects were highlighted in project newsletters. Six projects were also presented in the AQUAEXCEL TNA Session at Aquaculture Europe 2014.

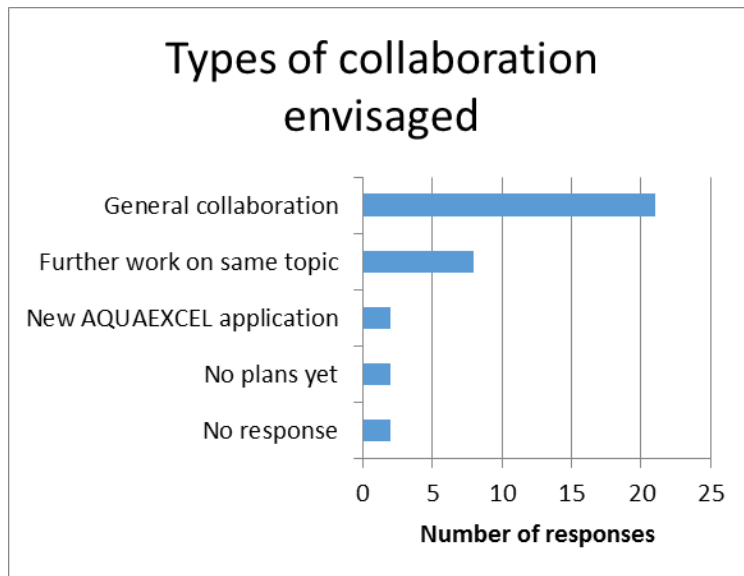
## 4.6 Prospects for future collaboration

Users were asked about their expectation for future collaboration with the host research infrastructure. The majority (84% of total) indicated that they did expect further collaboration, although five projects gave a negative response.

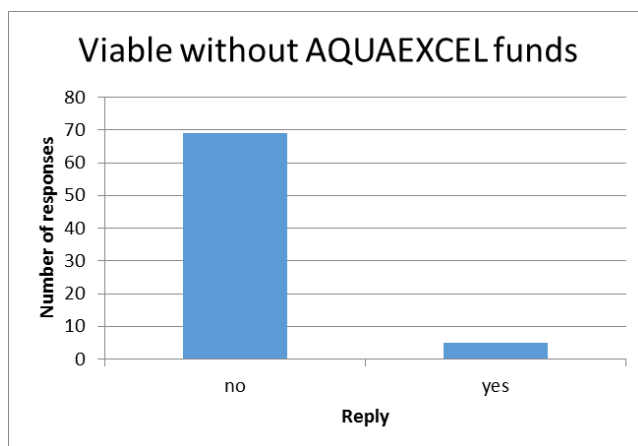


In terms of funding however, only five projects indicated that they had found funding to continue the collaborative work. Five other projects had partial funding (mainly for work in their own institution but not with the host) whilst the remainder were either actively applying for funding, or expected to do so in the future.

Respondents were asked what kinds of future collaboration they envisaged. Of those that replied (45% of total), 64% indicated that they had relatively broad collaboration objectives, whilst 24% mentioned specific follow-on work from the current project. Two mentioned an intention to apply for further AQUAEXCEL funding to continue collaboration.



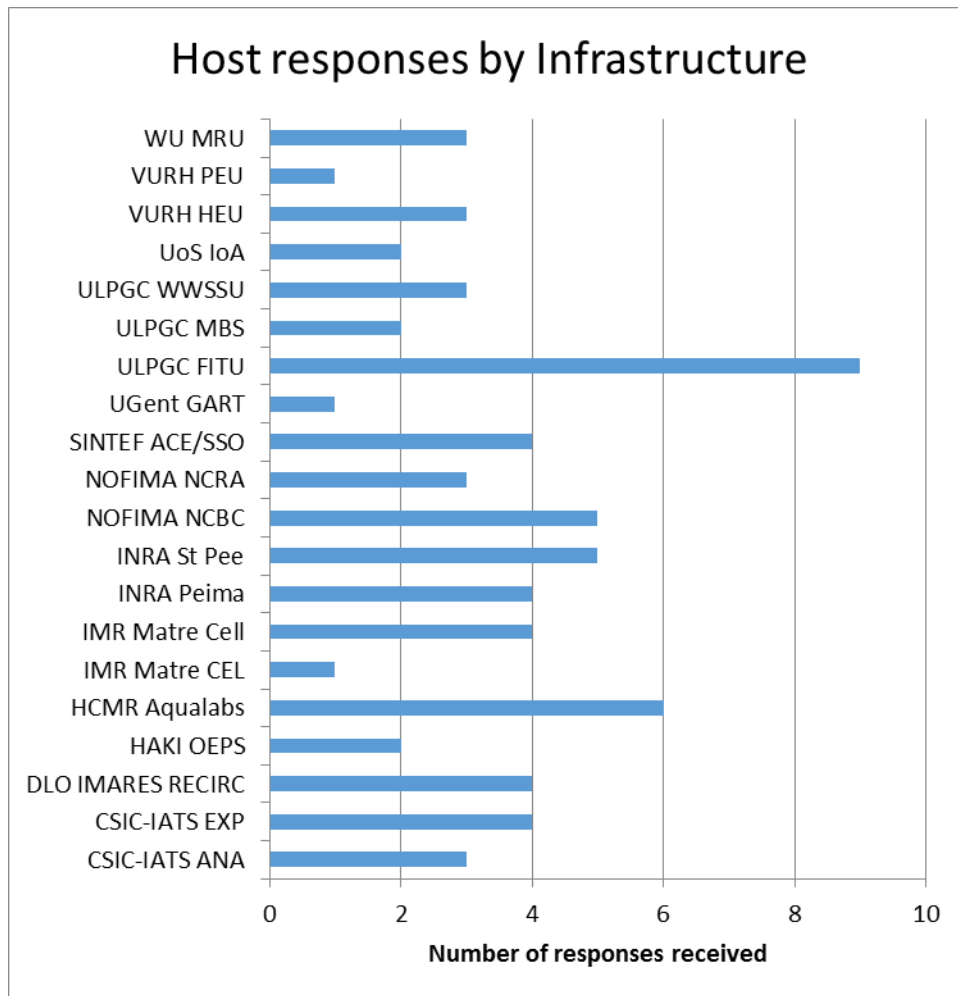
In the general comments, several respondents commented on how much they valued the collaboration with the host scientists as well as the access to facilities. However, it is clear that collaborations are generally not possible without specific funding. Respondents were asked whether their AQUAEXCEL TNA project would be viable without AQUAEXCEL funding. The majority (93%) replied that they would not have been able to conduct the work without the support of the project. 7% indicated that they could probably have found the funding from other sources.



## 5 Feedback from hosts

### 5.1 Response received

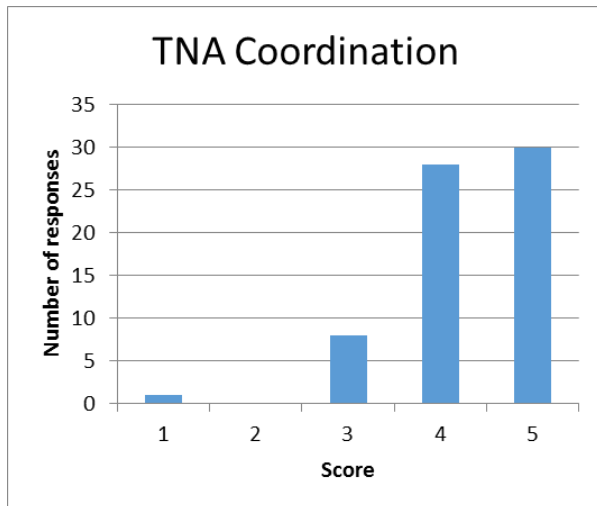
Forms were sent out to the hosts of each of the funded 98 TNA projects. Of these, 69 were returned (70%) from 20 different infrastructures run by 13 different organisations.



Most of the questions asked were qualitative and responses are summarized in the following sections. In some cases, respondents were asked to give their opinion as a score between 1 and 5 with 1 representing “poor” and 5 “excellent”. The results of these are presented as a histogram (frequency response) and overall average. Ratings above three can be considered positive with rating above 4 very positive.

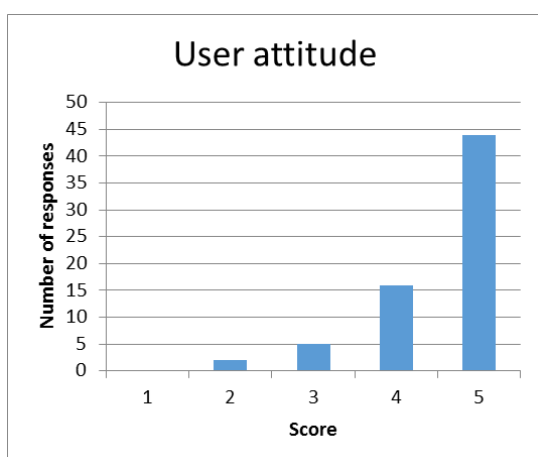
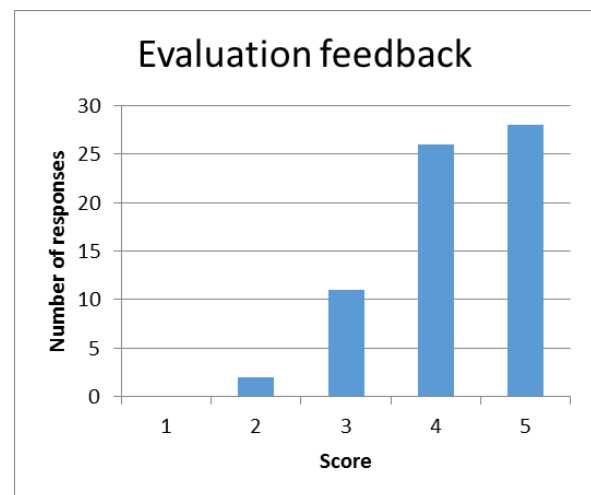
### 5.2 Host experience

Host organisations were asked about their opinion on overall coordination of applications and the evaluation process.



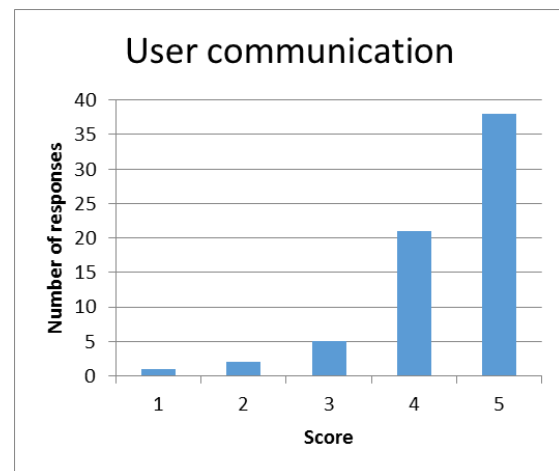
67 responses were received to this question with an average score of 4.28. The most critical score gave the reason as “We would highly appreciate faster evaluation of individual project proposals and more effective communication between Selection Panel, Access Provider and applicants.” This issue is discussed further in the overall conclusions.

The hosts were asked for their opinion on the usefulness of the feedback from the Selection Panel and Ethics Adviser. 67 responses were received giving an average score of 4.19. No specific comments were made on the responses to this question.



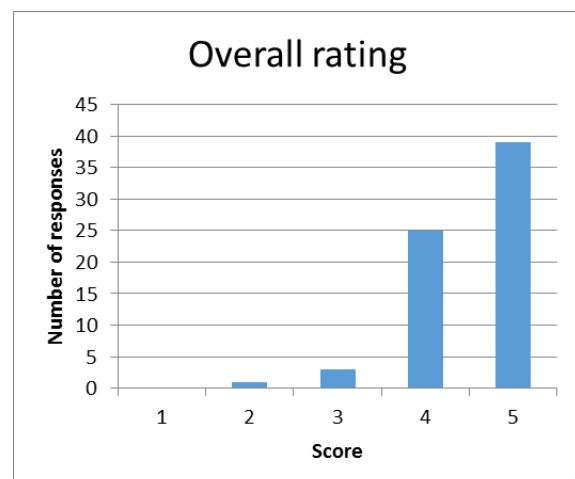
The hosts were asked their opinion of the attitude of users and their ability to integrate with the work practices of the host institution. 67 responses were received with an average score of 4.52.

Hosts were asked their opinion on the quality of communication with visiting researchers prior to the first visit. There were 67 responses with a mean score of 4.39



Hosts were asked for their opinion on the quality of work carried out by the visiting researchers. 67 responses were received with an average score of 4.48

Hosts were finally asked to give an overall score for their experience of AQUAEXCEL TNA. Sixty eight responses were received giving an average score of 4.5.



Hosts were asked about issues arising during project implementation. Thirty five of the respondents gave some answer to this. Of these, very few raised specific problems. In one case, a combination of unexpected costs and a disagreement over some aspects of the experimental procedure led to a more difficult working relationship and poor overall results.

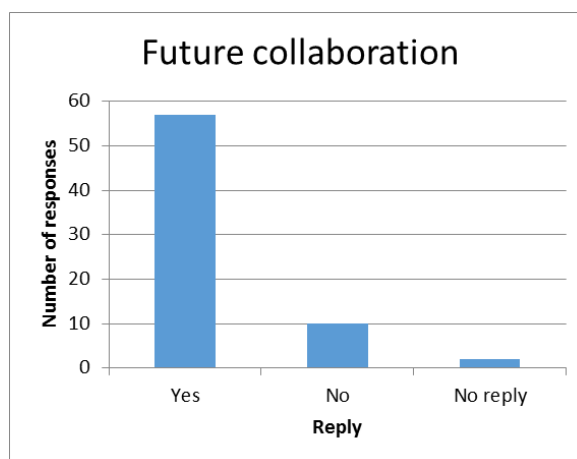


In another case, unforeseen issues with the host institution rules caused problems for the visiting researchers. A further project had to be modified when problems occurred at the start due to up-scaling issues. One respondent commented that when a PhD student is hosted, the demands on the infrastructure staff exceed the resources available in terms of time required for training and supervision. As a counterpoint to this, another infrastructure commented that they had too little involvement in the research project and would have appreciated their staff being more closely involved in both the work and subsequent dissemination. Several infrastructures noted that good planning and preparation was essential prior to the start of the project. Where possible this should involve a preliminary visit by the scientist(s) involved. Overall however, most of the respondents on this issue either cited no problems in implementation, or commented on how well the work had been carried out. One response commented that the communication with the TNA panel was excellent.

### 5.3 Prospects for future collaboration

Hosts were asked about the likelihood of further collaboration with the visiting researchers and their organization. Sixty nine responses were received, of which fifty seven (83%) were positive (yes).

Of the positive responses, two partnerships submitted applications for a Marie Curie Fellowship. Another partnership has secured national funding for a further visit and a longer-term Marie Curie Fellowship application is anticipated. In another case, a partnership agreement has been signed between the research institute and two private companies for further collaborative work. Another partnership is planning a joint proposal under the Horizon 2020 programme. The remainder expressed a more general intention to continue collaboration. Overall the responses indicate very good cooperative relationships were formed.



## 6 Feedback from evaluators

### 6.1 Response received

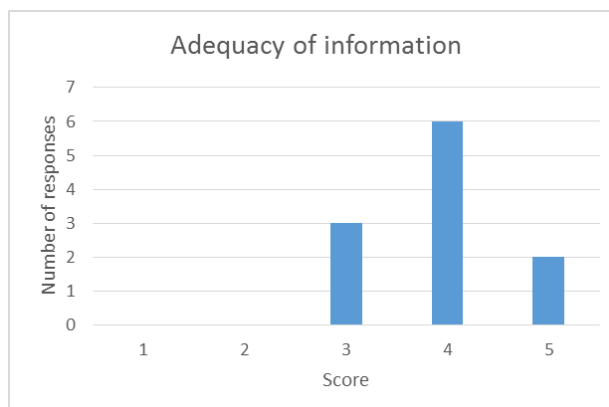
Over the course of the project, 13 members of the Selection Panel were appointed. One retired before carrying out any reviews and two others retired after the first evaluation of the access given. Questionnaire forms were sent out to the ten active members of the Selection Panel and to the project Ethics Adviser. Of these, 8 were returned (73%). For the analysis, these were combined with three forms from 2013 representing Selection Panel members who had retired or not returned forms in 2015. The total number of responses used was therefore 11. Comments from 2013 are repeated here for completeness of the report.

The questions asked were qualitative and responses are summarized in the following section. In most cases, respondents were asked to give their opinion as a score between 1

and 5 with 1 representing “poor” and 5 “excellent”. The results of these are presented as a histogram (frequency response) and overall average. Ratings above three can be considered positive with rating above 4 very positive.

## 6.2 Evaluator experience and opinion

Evaluators were asked for their opinion on the adequacy of the information provided to them on which to base the evaluation. This mainly concerned the application form, although limited further information is sometimes provided through the host infrastructure. Eleven responses were received with an average score of 3.91.



Those awarding a higher score commented that the application form “is very clear and highlights the main characteristics of the projects to be evaluated: Which scientific questions, who are the researcher(s) involved in the project, how this project is accepted by the infrastructure.” Also “the application form emphasizes the scientific criteria upon which the proposal will be judged” and “the questionnaire clearly identifies the ethical issues of the proposal which have to be made explicit”.

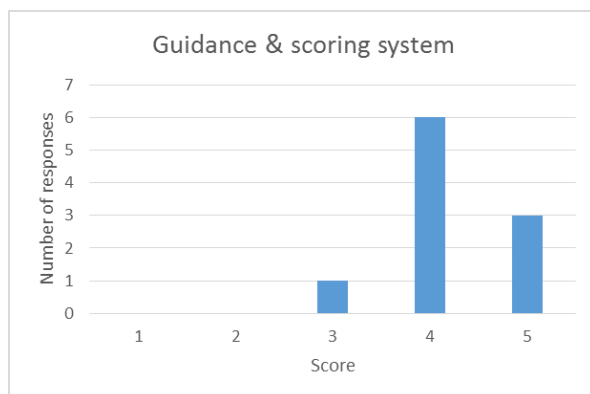
There was some question of the value of asking for thematic classifications, but it was noted that these are useful for gathering overall project statistics. The following specific suggestions were made:

- Most proposals have an appropriate length, but applicants should perhaps have an absolute maximum number of pages available?
- The evaluation criteria are throughout good, but their relation to specific paragraphs/sections of the application form could perhaps be made clearer? There should be a clear match in type and order between the questions on the form and the criteria for evaluation
- Applicants do not fill in the form properly, particularly those sections which are not involved with the scientific content e.g. outputs and dissemination; compliance with the EATIP agenda.
- The evaluation criteria should be clearer to the applicants. Perhaps a shorter but better focused document could help to fit the applications to the required fields of the evaluation sheet

At the start of the project the Access Providers were simply asked to confirm the feasibility of the TNA project proposed as it was understood to be important that the selection process is managed as independently as possible. As some implementation issues arose, the questions to the Access Providers were increased so that they also checked the required units of access and expense estimations and identified any costs that could not be covered under AQUAEXCEL funding. The Access Providers were also asked to comment on training and supervision issues associated with the work.

The Evaluators appreciate that the relationship that is formed between the Users and Host is an important factor for the success of the project and in particular, the potential for synergies in expertise. One Evaluator therefore commented “It is useful to receive input from the host institution on their opinion of the work proposed. Maybe this “previous contact” between proposer and host institution should be a requirement, and would help with the planning of

the proposal, particularly with regard to the adequacy of resources<sup>1</sup>. Another Evaluator suggested “An interesting point to be added to the application form is the existence of expertise on the field of the application at TNA facilities. The presence of an expert that can aid and even oriented the applicant is important for the success of the visit. Perhaps the CV of an expert in the TNA should be required. On this regard, a more detailed and critical evaluation from the TNA on the proposals is recommended”. There was also some discussion on how much support should be given by the host infrastructure to the TNA applicants during the application process. In general this was seen as helpful for ensuring the best quality research, although it was also felt this should not result in a masking of poorer quality applicants.



Evaluators were then asked for their opinion of the evaluation criteria and guidance provided on applying it to applications. There were ten responses to this question with a mean score of 4.2

One evaluator commented that “Guidelines for selecting proposals is very clear” and the Ethics Adviser responded with “In terms of scientific quality and based on the successful applications and the assessment reports on them (I have not seen the others), the evaluation procedure seems fine and had

pulled out an impressive set of research proposals.”

The Selection Panel uses an internal scoring system to help with selection decisions. The scores are not communicated to the applicant or host as they are not intended to be a rigid framework, rather a mechanism for identifying issues and noting quality.

Some criticisms and problems with the evaluation criteria and scoring system were noted. One Evaluator commented: “Regarding the evaluation criteria: I agree with the main points and their weight on the evaluation sheet, however, some of them are not applicable or do not aid to evaluation, and other should be included. For instance:

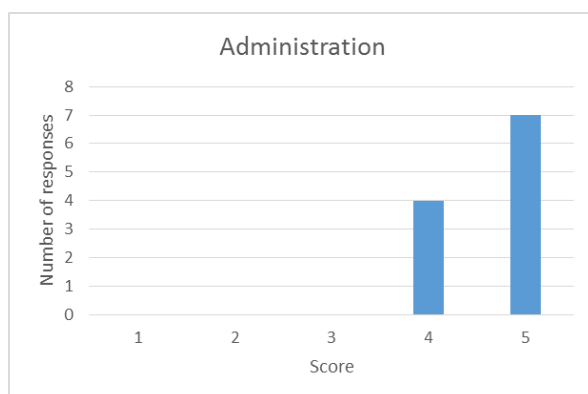
- Adequacy in relation to the EATIP Strategic Research Agenda has not helped improve evaluations. It has been quite arbitrarily scored according to evaluator and also the applicants were not aware of the relevance of the point.
- Same comment for anticipated output: There is always an output (publication in many cases) so this criteria is not really helpful for selection”.

There is probably some variance between the Evaluators with respect to the weight that is placed on different aspects of the evaluation. Another Evaluator commented “A stronger point should be made on the impact and dissemination of the results, and its link to EATIP’s objectives. These have been defined after a great deal of analysis and thought on the needs and priorities of Aquaculture, with participation from all sectors involved (academic, industrial, development, innovation), to maximise impact on the Aquaculture sector and hence on European society. AQUAEXCEL is an opportunity to ensure that these objectives are taken into account by all actors involved, beyond ticking a box on the application box, by writing down a case for their piece of research to be in line with such objectives. Otherwise, the “Compliance with EATIP’s objectives” section tells more about the knowledge of the evaluator of these, that about the knowledge of the proposer. In a similar fashion, the proposer has to be able to put the piece of research in context, both on previous knowledge but also on “what happens next”, what impact this will have, how close to market and

<sup>1</sup> At present prior contact with the Facility is recommended, but not an absolute requirement

relevant for industry or future developments down the line. It is important to emphasize the relevance of industry involvement and technology transfer as a valid way - probably a preferred way in the context of AQUAEXCEL and the use of Technology Centers - of dissemination of results, beyond publication in specialised fora”.

The review of ethical issues is mainly carried out by the Ethics Adviser based on information provided by the User on the application form. She commented “In terms of discussion of ethical issues, the quality and degree of detail of the applicants' comments is variable, ranging from totally inadequate to excellent, though with most being good or adequate. Following discussion at the AQUAEXCEL Annual Meeting, it might be a good idea to give some slightly more extensive advice on what should be considered.



The Evaluators were asked their opinion of the administration of application reviews. There were eleven responses to this question with an average score of 4.64. One Evaluator commented “Overall I think the evaluation works well and I think the administration of the whole process is excellent.”

However, there were also suggestions for improvement. The most significant is that a larger panel of experts could be used so as to reduce the time required to process each

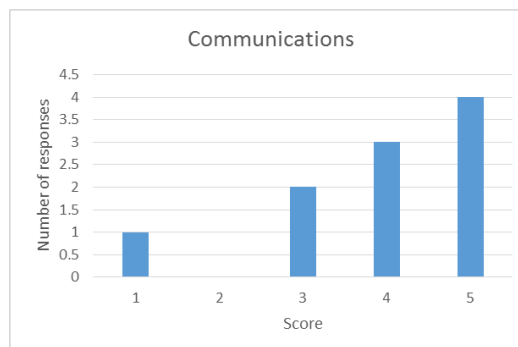
call, but more specifically to have a wider range of scientific expertise on hand to check the detail of the planned experimental procedures. One Evaluator commented “I agree that the quality of science is easy to check, but sometimes experimental design flaws can only be detected by experts on the field”. An attempt was made to implement these recommendations following the 2013 interim evaluation by increasing the number of evaluators and using evaluator expertise as the primary criteria for determining which projects would be allocated to which reviewer. The constraint here was ensuring that reviewers were not asked to consider applications to or from their own organization, and balancing the review load as many more applications were received for nutrition projects for instance than engineering. However, another reviewer commented that “Having various themes gives a good view of current key issues in aquaculture R&D and helps avoiding 'inbreeding' and laying too much focus on own research areas only.”

Other suggestions with respect to the management of applications and calls were:

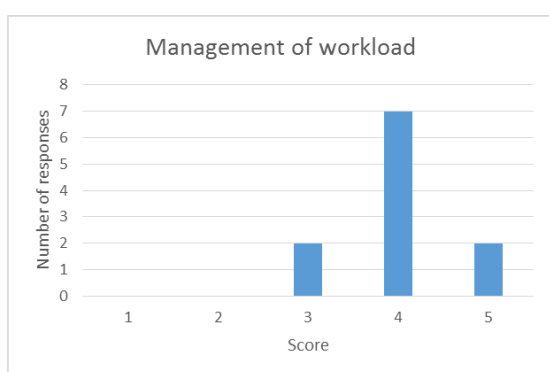
- “There should be a better coordination between the TNA facilities in relation to calls, in several cases the TNA information was not available when evaluation was performed and this is crucial for going ahead with the evaluation”.
- “The evaluation criteria should be clearer to the applicants. Perhaps a shorter but better focused document could aid to fit the applications to the required fields of the evaluation sheet” (This was partially dealt with by modifications to the application form and call documents, including website text).

Evaluators were also asked about a further issue relating to the selection procedure; that of communications between evaluators to reach final decisions. It is a point of procedure that evaluators are asked to perform their initial evaluation independently to avoid the possibility of any one individual exerting undue influence and to help identify where there may be issues requiring further consideration. However, especially where evaluations are borderline between approve or don't approve, or have both positive and negative evaluations, discussion between the Evaluators is important for reaching a final decision.

As there is a limited budget for the Selection Panel, most communications must be via E-mail or video conference links etc. Ten responses to this question were received with an average score of 3.9. One Evaluator commented “It is difficult to get more than about half of the evaluators together for online meetings. Depending on their expertise this makes decision making more difficult and sometimes slower. However, I don't think this adversely affects the final decision”.



Another Evaluator suggested “Skype meetings for agreements should be planned with more time, probably through a Doodle poll right after the distribution of applications among reviewers for evaluation.



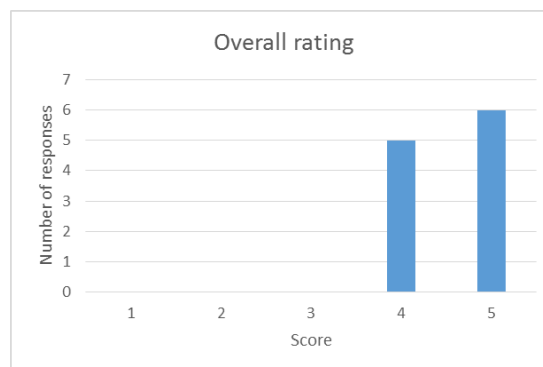
Evaluators were asked for their opinion on workload management and timescales for the evaluations. Eleven responses were received with an average score of 4.0.

All the evaluators need to fit AQUAEXCEL into already busy schedules, which can lead to significant delays. One Evaluator commented “Probably, the main difficulty is to find time for evaluating all the proposals and to communicate between evaluators”. Another said “I think the evaluation process has been smooth, although

time consuming”. A third commented that evaluations took up to twice the time nominally allocated where advice for resubmission is required.

In general, the timescale for completing the selection process has been dependent on the ability for the Evaluators and WP Coordinator to complete their individual tasks rather than work to fixed deadlines. The benefit of this is that it does enable the participation of senior experts. The disadvantage is the delays that can occur and which cause problems for Access Providers and Users in terms of scheduling work. Further efforts to set and keep to timetables by all concerned are clearly desirable.

The Evaluators were asked to rate their overall experience of evaluating AQUAEXCEL TNA. Eleven responses were received with an average score of 4.55. From this it is concluded that the experience has been generally positive, with a few issues of concern as highlighted above.



Additional comments from the Ethics Adviser are useful to include in full:

*“My remit as part of the selection procedure was to scrutinise all successful TNA applications (94 in all) for compliance with AQUAEXCEL’s 3Rs policy, where necessary to make recommendations for changes to scientific procedures in specific projects and to identify and promote best practice.*



*My assessments were based on the application form for each project (including the applicant's statements on the 3Rs in the ethical section of the form) and the comments of the scientific assessors, material that was provided very efficiently and in a timely manner. For the most part, the applications provided the information needed to assess compliance with the 3Rs; where this was not the case, the TNA Coordinator ensured that the information was provided, again in a timely manner. In addition, where there were suggested changes to procedures to ensure compliance with the 3Rs, electronic discussion concerning these was handled very efficiently by the TNA Coordinator.*

*In terms of identifying and promoting best practice, my views on these were presented to the consortium at the Annual general meetings in 2013 (after which slightly more details guidelines were produced), 2014 and in 2015. Over the project as a whole, 31% of projects raised no or minimal ethical issues. In 49% ethical issues were raised but these were discussed at least adequately and often very well or excellently in the application form. In 20% ethical problems existed but were inadequately covered; the percentage in this last category fell from 28% to 11% following provision of the extended guidelines.*

*Individual projects provided examples of excellent practice with respect to replacement, reduction and refinement. Recommendations for the future include:*

*Concerning refinement, emphasis on the need to consider all possible adverse effects, to scrutinise intensity and duration of procedures and, for longer-term procedures, to define humane endpoints.*

*Concerning of reduction, establishing systems for sharing information about experiments being planned, to optimise data collection and reduce need for similar experiments later/elsewhere and further developments from AQUAEXCEL on tracking individuals and using clonal lines with a view to reducing sample sizes.*

*Concerning replacement, continuing the AQUAEXCEL themes of developing ex vivo systems, predictive modelling and deployment of molecular resources.”*

## 7 Conclusions and recommendations

### 7.1 Overall progress of TNA implementation

The original project plan anticipated a total of 135 TNA projects over 4 years. It was decided to manage these over a series of 7 “Calls for Access” suggesting an approximately 19-20 projects approved per call. As the actual numbers approved over the first 3 calls was significantly below this (4, 12 and 16 respectively), greater efforts were made during the last two years of the project to improve promotion of TNA opportunities and the frequency and number of calls was increased to a total of 9. The final result was 98 projects utilizing 77% of the total units of resource available (average 81% by infrastructure). The main reason for the shortfall from 100% utilization was probably lack of awareness of the project within the target community during the first one to two years of the project, which led to relatively slow uptake. In the latter stages, the mismatch between the distribution of demand and availability of resource left some infrastructures underutilized whilst others were unable to fulfil all requests for access. On average, projects were slightly longer than originally estimated, and more of them involved two rather than just one person visiting the infrastructure. The analysis of application and usage statistics can inform future projects of this type and suggests that more intensive promotion is needed early in the life of the project. It was suggested at the final feedback meeting that advertisements in relevant scientific journals to promote AQUAEXCEL TNA opportunities would be a good additional channel to use.

### 7.2 Applications and the selection process

The application and selection process was centrally administered through the University of Stirling. Application forms and call documents were developed based on examples from other projects and guidance within EC project documents. A PDF form was used as this allowed data to be extracted and analysed separately without the need for programming support. This has caused some problems for people using non Adobe software or old versions of the software for instance. Generally these have been overcome reasonably easily through dialogue with those involved.

The level of detail requested on the form was considered excessive by some applicants, whilst inadequate completion was a frequent complaint of evaluators. Probably the least understood or completed section was that on compliance with EATIP priorities, although this improved during the course of the project as awareness of that organization and its role increased.

The most significant issue in the application procedure was been the length of time taken to process the evaluation and finalize project approvals. This generally took between 2 and 3 months, although in some isolated cases took up to 4 months. The main reason for this was the busy workloads of all involved, with consequent delays until individuals were able to fit the work into their schedules. The establishment of review timetables and the setting of virtual meeting dates helped to reduce the delays to some extent. Reviews were also re-allocated to different reviewers when original reviewers asked for this due to heavy workloads. The number of reviews required was also reduced from an initial 4 to 3 (with occasional reduction to 2 where these both gave a high approval score and included one external review).

Although the projects are relatively small, the Selection Panel expects the research to be of high scientific quality with valuable outputs that will have impact. They also expect to see clear plans for dissemination and exploitation. The selection rate overall was a reasonable 65% which improved from an initial 36% in the first call to over 80% in calls 4 and 7 and

100% in the final call. This improvement was primarily due to applicants and infrastructure managers better understanding the selection criteria that were being applied. However, later success rate was also boosted by an increasing policy of providing feedback to the applicants and allowing re-submission within the call. Around 22 of the 98 selected projects (22.4%) involved this type of resubmission procedure.

Analysis of the applicant characteristics (with regard to qualifications, experience, country of origin, gender and type of organization) compared with the profile of selected projects shows there is no particular bias and no categories of applicants are suffering discrimination. There is however limited participation by researchers from industry in the applied for projects. There is also under-representation of women, although this is likely to reflect the composition of the researcher community rather than any bias due to the project.

The satisfaction surveys show that overall, users, hosts and evaluators are very positive about the application and selection procedure and the feedback that is provided. The main reservation concerns timescales and possibly the quality of communications throughout the process. In particular, the Selection Panel would value further input from the Access Providers. It has also been recommended that the Selection Panel is larger, to include a wider range of expertise and also greater representation from industry.

For future projects a more sophisticated on-line application system is recommended that minimizes bottlenecks in processing and maximizes opportunities for data analysis and sharing of key information. There is potential for this to be further linked with the protocol generator and tools for research data management and analysis that were developed by Workpackage 3. The system should also allow reviews to be conducted online and applicants and infrastructure managers to be kept informed of progress.

### **7.3 Execution of TNA projects**

The majority of the 98 projects went well with high satisfaction ratings on the part of both users and hosts. A small number experienced substantive problems in the execution of the experiment. Example of this included a larval nutrition projects where microalgae cultures failed, limiting the number of diets that could be tested; a breeding experiment where poor sperm quality resulted in insufficient offspring; and a cage-based experiment where bad weather conditions prevented limited the duration of the experiment and period of monitoring.

Two projects encountered difficulties when there was some breakdown of relations or trust between the user and Infrastructure personnel. These were resolved as far as possible by the project coordinator. There were also some concerns about delays in paying travel and subsistence costs. There were also a couple of instances where unforeseen costs became a problem as it had not been previously resolved which party should be responsible for them.

The very positive response for further collaboration on the part of both user and host indicates the value attributed on both sides to the activity. This is reflected in the ratings given by the users to the host “intellectual environment” (4.7) and those given by the hosts to users for “user attitude” (4.52) and “quality of work” (4.47).

### **7.4 Dissemination and exploitation of results**

With a maximum visit length of 3 months, AQUAEXCEL TNA projects are best suited to exploratory research, or complementary work to larger projects. For this reason, it is perhaps unrealistic to expect most to have substantive outputs that can be immediately applied to industry. However, all projects are expected to have knowledge outputs that can at least guide further research, and should be oriented to solving problems faced by the aquaculture



industry. The issue of dissemination and exploitation of results was therefore given a high priority by the Selection Panel and applicants were frequently requested to better address these issues in their work plans as part of reviewer feedback.

As it is not uncommon for academic publication to take one to two years after completion of the experimental work it is impossible to assess at this stage the final proportion of TNA projects that will publish their findings. The majority of respondents to the survey indicated an intention to publish. However, actual numbers of publications notified to date are very low (See Section 4.5), suggesting greater support and focus needs to be given to this aspect of the TNA in future projects. The work of Workpackage 5 has been particularly important in documenting the work that has been carried out. For future projects of this type, consideration could be given to withholding expenses payments until specified outputs are produced; providing mentors to help users in writing up results and ensuring they are properly disseminated and exploited; or requiring all results to be lodged in a central data store for open public access if not otherwise published or exploited within a set time period.

## Annex 1

Deliverable Check list (to be completed by Deliverable leader)

	Check list		Comments
BEFORE	I have checked the due date and have planned completion in due time		<i>Delayed due to prioritising finalisation of third call TNA projects</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 deliverable template (title page, styles etc)	✓	<i>Available in "Useful Documents" on the collaborative workspace</i>
<b>The draft is ready</b>			
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>Ask a colleague with a good level of English to review the language of the text and do a spell-check too.</i>
	I have sent the final version to the Activity Leader and to the 2 <sup>nd</sup> Reviewer for approval	✓	<i>Send the final draft to your Activity Leader and the 2<sup>nd</sup> Reviewer and leave 2 weeks for feedback and final changes before the due date. Once validated by the 2 reviewers, the draft is ready to be sent to the Management Team that will ask for the Coordinator validation and then transfer it to the EC.</i>

## **APPENDIX: Users & Survey Tools**

- 1) List of approved projects and access provided
- 2) Membership of Selection Panel
- 3) Application form for TNA users
- 4) Survey forms completed by TNA users
- 5) Survey forms completed by TNA providers (hosts)
- 6) Survey forms completed by members of the Selection Panel and Ethics Adviser

## Appendix 1: List of approved projects and access provided

<b>Project Reference Number:</b> 0001/01/12/29/B	<b>Acronym:</b> ALTFISHDIETS
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> UNIVPM
<b>User Group Organisation:</b> Università Politecnica delle Marche	<b>Web Address:</b> <a href="http://www.univpm.it">www.univpm.it</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Ike Olivotto	<b>Leader Position:</b> researcher, Aquaculture professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> Preserved zooplankton as a novel food in aquaculture	<b>Number of Units of Access:</b> 140
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 7

<b>Project Reference Number:</b> 0003/01/03/13/A	<b>Acronym:</b> KiSSBREAM
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> CCMAR
<b>User Group Organisation:</b> Centre of Marine Sciences	<b>Web Address:</b> <a href="http://www.ccmar.ualg.pt">www.ccmar.ualg.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Catarina Oliveira	<b>Leader Position:</b> Post Doctoral Fellow
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Cloning and ontogeny of the KiSS system in gilthead seabream, <i>Sparus aurata</i>	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0004/01/05/15/A	<b>Acronym:</b> EPITHELIOLARVAE
<b>Research Infrastructure:</b> HCMR Aqualabs	<b>User Group Acronym:</b> UZH
<b>User Group Organisation:</b> Veterinary Pathology, University of Zurich	<b>Web Address:</b> <a href="http://www.vetpathology.uzh.ch/index.html">http://www.vetpathology.uzh.ch/index.html</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Switzerland
<b>User Group Leader:</b> Lloyd Vaughan	<b>Leader Position:</b> Group Leader
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Epitheliocystis outbreaks in mesocosm culture systems	<b>Number of Units of Access:</b> 32
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 16

<b>Project Reference Number:</b> 0007/02/09/24b/C	<b>Acronym:</b> PAA4FISHPARASITES
<b>Research Infrastructure:</b> VURH PEU	<b>User Group Acronym:</b> IGB
<b>User Group Organisation:</b> Institute of Freshwater Ecology and Inland Fisheries	<b>Web Address:</b> <a href="http://www.igb.de">www.igb.de</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Thomas Meinelt	<b>Leader Position:</b> Senior scientist
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Peracetic acid products can reduce fish pathogens in aquaculture systems.	<b>Number of Units of Access:</b> 128
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0009/01/15/32/A	<b>Acronym:</b> PRASERONPROG
<b>Research Infrastructure:</b> DLO IMARES RECIRC	<b>User Group Acronym:</b> ULPGC
<b>User Group Organisation:</b> Universidad de Las Palmas de Gran Canaria (ULPGC)	<b>Web Address:</b> <a href="http://www.giaqua.org">http://www.giaqua.org</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Francisco Javier Roo Filgueira	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PGR
<b>Study Title:</b> Potential of Recirculation Aquaculture System for <i>Seriola rivoliana</i> Ongrowing (PRASERON)	<b>Number of Units of Access:</b> 42
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0010/02/02/12b/C	<b>Acronym:</b> LEARNINGANDCOPING
<b>Research Infrastructure:</b> IMR Matre Cell	<b>User Group Acronym:</b> CCMAR
<b>User Group Organisation:</b> Centre of Marine Sciences	<b>Web Address:</b> <a href="http://www.ccmar.ualg.pt">www.ccmar.ualg.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Maria Filipa B. O. Falcão Castanheira	<b>Leader Position:</b> PhD Student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Influence of coping styles on the learning ability and behavioural flexibility in Atlantic salmon <i>Salmo salar</i> .	<b>Number of Units of Access:</b> 192
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0013/03/05/15/B	<b>Acronym:</b> PROINSECTLIFE
<b>Research Infrastructure:</b> HCMR Aqualabs	<b>User Group Acronym:</b> UNITO
<b>User Group Organisation:</b> Department of Agriculture, Forest and Food Sciencercultural Faculty	<b>Web Address:</b> <a href="http://agraria.campusnet.unito.it/do/home.pl">http://agraria.campusnet.unito.it/do/home.pl</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Gasco Laura	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> Preliminary evaluation of the nutritive value of insect meal for European Sea Bass	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0014/02/09/24a/A	<b>Acronym:</b> MOVINGSPERM
<b>Research Infrastructure:</b> VURH HEU	<b>User Group Acronym:</b> IFREMER
<b>User Group Organisation:</b> Institut Français pour l'Exploitation de la mer	<b>Web Address:</b> <a href="http://wwwz.ifremer.fr/institut">http://wwwz.ifremer.fr/institut</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> France
<b>User Group Leader:</b> Suquet	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> EXP
<b>Study Title:</b> Sperm movement in two aquatic species: the tench ( <i>Tinca tinca</i> ) and the Pacific oyster ( <i>Crassostrea gigas</i> ).	<b>Number of Units of Access:</b> 1
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0015/02/01/11/A	<b>Acronym:</b> INGESTIONOFVODIETS
<b>Research Infrastructure:</b> INRA St Pee	<b>User Group Acronym:</b> IRTA
<b>User Group Organisation:</b> Institut De Recerca I Tecnologia Agroalimentaries	<b>Web Address:</b> <a href="http://www.irta.cat">http://www.irta.cat</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Sofia Jacinto Morais	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Molecular effects of dietary lipid composition on the regulation of food intake and lipid metabolism in rainbow trout	<b>Number of Units of Access:</b> 192
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0016/02/08/23/A	<b>Acronym:</b> 3DFISHBEHAVIOUR
<b>Research Infrastructure:</b> NOFIMA NCRA	<b>User Group Acronym:</b> VURH
<b>User Group Organisation:</b> Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> <a href="http://www.frov.jcu.cz">www.frov.jcu.cz</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Dalibor Štys	<b>Leader Position:</b> head of laboratory, vice-dean
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Assessment of state of the research infrastructure by monitoring of behaviour in 3D: usage of Microsoft Kinect based tracker	<b>Number of Units of Access:</b> 42
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0019/02/04/14/A	<b>Acronym:</b> NE150SEABREAM
<b>Research Infrastructure:</b> CSIC-IATS EXP	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> Andromeda S.A.	<b>Web Address:</b> <a href="http://www.andromedagroup.gr">www.andromedagroup.gr</a>
<b>Organisation Type:</b> PRV	<b>User Group Country:</b> Greece
<b>User Group Leader:</b> Giannis Petropoulos	<b>Leader Position:</b> veterinarian
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> EXP
<b>Study Title:</b> Evaluation of the effects of dietary Next Enhance NE150 on Enteromyxum leei infection in gilthead sea bream (Sparus aurata).	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0020/02/12/27/B	<b>Acronym:</b> BROODFISHEPIGENETICS
<b>Research Infrastructure:</b> ULPGC WWSSU	<b>User Group Acronym:</b> UOS
<b>User Group Organisation:</b> University of Sheffield	<b>Web Address:</b> <a href="http://www.shf.ac.uk/">http://www.shf.ac.uk/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> William V. Holt	<b>Leader Position:</b>
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> BROODFISH EPIGENETIC MODELS: Effect of broodstock diet and male brood pouch on embryo development of seahorse progenie	<b>Number of Units of Access:</b> 360
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0022/02/03/13/A	<b>Acronym:</b> COPEWITHDIS
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> IBB-UAB
<b>User Group Organisation:</b> Institut de Biotecnologia i de Biomedicina, Universitat Autònoma de Barcelona	<b>Web Address:</b> <a href="http://ibb.uab.es/ibb/">http://ibb.uab.es/ibb/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Nerea Roher	<b>Leader Position:</b> Senior Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Coping style and disease resistance; how does individual variation affect survival?	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0023/03/09/24a/B	<b>Acronym:</b> CRYORESISTANCE
<b>Research Infrastructure:</b> VURH HEU	<b>User Group Acronym:</b> IU
<b>User Group Organisation:</b> Istanbul University, Fisheries Faculty	<b>Web Address:</b> <a href="http://www.istanbul.edu.tr">www.istanbul.edu.tr</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Turkey
<b>User Group Leader:</b> Gunes Yamaner	<b>Leader Position:</b> Research Assistant
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Investigation of the correlation between carp sperm cryoresistance and membrane permeability for water during short-term storage.	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0024/02/12/28/A	<b>Acronym:</b> INACTBREAMVAC
<b>Research Infrastructure:</b> ULPGC MBS	<b>User Group Acronym:</b> IBMC
<b>User Group Organisation:</b> Molecular and Cellular Biology Institute	<b>Web Address:</b> <a href="http://www.ibmc.up.pt/">http://www.ibmc.up.pt/</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Valentina Grasso	<b>Leader Position:</b> Phd Student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Effects of inactivated vaccines against Photobacterium damsela in sea bream juveniles (an onthogenic study)	<b>Number of Units of Access:</b> 1
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0026/02/12/29/A	<b>Acronym:</b> NUTRIENTDELIVER
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> DBSV
<b>User Group Organisation:</b> University of Insubria - Department of Biotechnology and Life Science	<b>Web Address:</b> <a href="http://www.uninsubria.it/uninsubria/home.html">http://www.uninsubria.it/uninsubria/home.html</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Simona Rimoldi	<b>Leader Position:</b> Post Doc researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Development and validation of adequate and innovative delivery vectors for nutrients and dietary supplements	<b>Number of Units of Access:</b> 216
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12



<b>Project Reference Number:</b> 0028/02/03/13/A	<b>Acronym:</b> PDMITIGATE
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> UoM
<b>User Group Organisation:</b> University of Malaga	<b>Web Address:</b> <a href="http://www.uma.es/">http://www.uma.es/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Benjamin Lopez-Jimena	<b>Leader Position:</b> PhD student: Fellowship from INIA
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PGR
<b>Study Title:</b> Mitigation of Pancreas Disease using Essential Fatty acids - Cytokine focus	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0029/02/12/29/B	<b>Acronym:</b> OMEGA3ROTIFERS
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> Feyecon	<b>Web Address:</b> <a href="http://www.feyecon.com">www.feyecon.com</a>
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Netherlands
<b>User Group Leader:</b> Javier Parra	<b>Leader Position:</b> Project manager
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effect of rotifer and weaning diets rich in EPA and DHA on larval growth, survival and fatty acid composition.	<b>Number of Units of Access:</b> 54
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 6

<b>Project Reference Number:</b> 0030/08/12/29/C	<b>Acronym:</b> ALTIMMUNOSTIM
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> I.Ü.
<b>User Group Organisation:</b> Istanbul University, Faculty of Fisheries	<b>Web Address:</b> <a href="http://suurunleri.istanbul.edu.tr/">http://suurunleri.istanbul.edu.tr/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Turkey
<b>User Group Leader:</b> Kamil Mert ERYALÇIN	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b>	<b>Number of Units of Access:</b> 240
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 16

<b>Project Reference Number:</b> 0031/03/09/24a/A	<b>Acronym:</b> PIKEPERCHREPRO
<b>Research Infrastructure:</b> VURH REU	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> University of Thessaly, Faculty of Veterinary Sciences, Dpt of Ichthyology, AquaticFauna and Fish Diseases	<b>Web Address:</b> <a href="http://www.uth.gr/en/">http://www.uth.gr/en/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Greece
<b>User Group Leader:</b> PANAGIOTIS PANTAZIS	<b>Leader Position:</b> Lecturer, Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effect of different spawning protocols on the quality of reproduction in pikeperch - effects on fertilization, hatching rates and size and vitality of larvae.	<b>Number of Units of Access:</b> 108
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 6



<b>Project Reference Number:</b> 0032/03/05/15/B	<b>Acronym:</b> HAZELNUTOILDIET
<b>Research Infrastructure:</b> HCMR Aqualabs	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> Cukurova University, Faculty of Fisheries.	<b>Web Address:</b> <a href="http://suurunleri.cu.edu.tr/su/default.asp">http://suurunleri.cu.edu.tr/su/default.asp</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Turkey
<b>User Group Leader:</b> Oguz Tasbozan	<b>Leader Position:</b> Assistant Prof. Dr.
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> The effects of dietary hazelnut oil on growth performance and body chemical composition of <i>Argyrosomus regius</i> juveniles.	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0033/03/14/31/A	<b>Acronym:</b> AEROMONASCHALLENGE
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> UVIGO
<b>User Group Organisation:</b> University of Vigo	<b>Web Address:</b>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Leticia Rivera Fernández	<b>Leader Position:</b> Student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Testing <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> on gnotobiotic sea bass.	<b>Number of Units of Access:</b> 16
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0034/03/12/29/A	<b>Acronym:</b> HYDROFEED
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> Sparos
<b>User Group Organisation:</b> Sparos Lda	<b>Web Address:</b> <a href="http://www.sparos.pt/">http://www.sparos.pt/</a>
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Wilson Gabriel Poseiro Coutinho Pinto	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Protein hydrolysates from waste valorisation of sardine-canning and cheese-manufacturing industries as alternative ingredient sources in microdiets for <i>Sparus aurata</i> larvae	<b>Number of Units of Access:</b> 200
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 10

<b>Project Reference Number:</b> 0035/03/10/25/A	<b>Acronym:</b> PAVLOVAPROJECT
<b>Research Infrastructure:</b> NTNU CodTech	<b>User Group Acronym:</b> GMA
<b>User Group Organisation:</b> Gesellschaft fuer Marine Aquakultur	<b>Web Address:</b> <a href="http://www.gma-buesum.de">www.gma-buesum.de</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Sabine Rehberg-Haas	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Utilization of the microalgae <i>Pavlova</i> sp. in marine fish larvae nutrition.	<b>Number of Units of Access:</b> 8
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0037/03/10/25/A	<b>Acronym:</b> COPEPODDIET
<b>Research Infrastructure:</b> NTNU CodTech	<b>User Group Acronym:</b> Univpm
<b>User Group Organisation:</b> Università Politecnica delle Marche	<b>Web Address:</b> <a href="http://www.univpm.it">www.univpm.it</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Ike	<b>Leader Position:</b> Researcher and Aquaculture professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> Copepod based diets during ballan wrasse ( <i>Labrus bergylta</i> ) larviculture	<b>Number of Units of Access:</b> 8
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0040/03/08/21/A	<b>Acronym:</b> NUSTRESS
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> IFAPA
<b>User Group Organisation:</b> Andalusian Institute of Training and Researching in Fishery and Agrarian Sciences	<b>Web Address:</b> <a href="http://web5.ifapa.junta-andalucia.es/agriculturaypesca/ifapa/web">http://web5.ifapa.junta-andalucia.es/agriculturaypesca/ifapa/web</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Marcelino Herrera	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Effects of dietary tryptophan and phenylalanine on stress response in cod ( <i>Gadus morhua</i> )	<b>Number of Units of Access:</b> 90
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0041/03/11/26/A	<b>Acronym:</b> SCIENCEROV
<b>Research Infrastructure:</b> SINTEF ACE/SSO	<b>User Group Acronym:</b> DFKI
<b>User Group Organisation:</b> Deutsches Forschungszentrum fuer Kuenstliche Intelligenz GmbH	<b>Web Address:</b> <a href="http://www.dfki.de/robotics">http://www.dfki.de/robotics</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Jan Christian Albiez	<b>Leader Position:</b> Senior Researcher / Project Leader
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> ScienceROV - Limitations and possibilities for ROV use in industrial scale Aquaculture research experiments	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0042/03/12/29/A	<b>Acronym:</b> DHAOSSIFICATION
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> UTV
<b>User Group Organisation:</b> Biology Department - University of Rome Tor Vergata	<b>Web Address:</b> <a href="http://web.uniroma2.it">http://web.uniroma2.it</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Loredana Prestinicola	<b>Leader Position:</b> Via di San Matteo 82, 00133, Rome, Italy
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Effects of docosaheaxaenoic acid dietary levels on indirect ossification in gilthead seabream ( <i>Sparus aurata</i> )	<b>Number of Units of Access:</b> 180
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 9

<b>Project Reference Number:</b> 0043/03/09/24b/A	<b>Acronym:</b> BARRAMUNDISPERM
<b>Research Infrastructure:</b> VURH HEU	<b>User Group Acronym:</b> SZIE
<b>User Group Organisation:</b> Szent István University	<b>Web Address:</b> www.szie.hu
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Hungary
<b>User Group Leader:</b> Ákos Horváth	<b>Leader Position:</b> Senior scientist
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Induced spermiation of the barramundi ( <i>Lates calcarifer</i> ) and subsequent sperm analysis	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0044/03/04/14a/A	<b>Acronym:</b> BUTYRATEDIETS
<b>Research Infrastructure:</b> CSIC-IATS EXP	<b>User Group Acronym:</b> UMB
<b>User Group Organisation:</b> Norwegian University of Life Sciences	<b>Web Address:</b> <a href="http://www.umb.no/english">http://www.umb.no/english</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Norway
<b>User Group Leader:</b> Liv Torunn Mydland	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Evaluation of the effects of dietary butyrate in gilthead sea bream ( <i>Sparus aurata</i> ).	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0045/03/06/18/B	<b>Acronym:</b> PIKEPERCHPROP
<b>Research Infrastructure:</b> HAKI RECIRK	<b>User Group Acronym:</b> IMSI
<b>User Group Organisation:</b> Institute for Multidisciplinary Research	<b>Web Address:</b> <a href="http://imsi.rs/">http://imsi.rs/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Serbia
<b>User Group Leader:</b> Uros Ljubobratovic	<b>Leader Position:</b> Junior Researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> “Effects of different egg de-adhesion substances on hatching success and further development of pikeperch larvae”	<b>Number of Units of Access:</b> 87
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0049/03/08/21/A	<b>Acronym:</b> ELECTRICPULSECOD
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> UGent
<b>User Group Organisation:</b> Ghent University, Faculty of Veterinary Medicine	<b>Web Address:</b> <a href="http://www.ugent.be">www.ugent.be</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Belgium
<b>User Group Leader:</b> Soetaert Maarten	<b>Leader Position:</b> PhD student (promotors Chiers, Decostere, Polet)
<b>Leader Qualification:</b> Ing	<b>Leader Category:</b> PGR
<b>Study Title:</b> The impact of electric fishing on Atlantic cod ( <i>Gadus morhua</i> , Linnaeus 1758)	<b>Number of Units of Access:</b> 237
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 13

<b>Project Reference Number:</b> 0050/03/11/26/B	<b>Acronym:</b> OFFSHOREFISHFARM
<b>Research Infrastructure:</b> SINTEF ACE/SSO	<b>User Group Acronym:</b> Fiskaaling
<b>User Group Organisation:</b> Fiskaaling - Aquaculture Research Station of the Faroes	<b>Web Address:</b> <a href="http://www.fiskaaling.fo">www.fiskaaling.fo</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Other
<b>User Group Leader:</b> Øystein Patursson	<b>Leader Position:</b> Head of research
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Fish and flow interaction during farming in exposed areas	<b>Number of Units of Access:</b> 7
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 7

<b>Project Reference Number:</b> 0052/04/04/14b	<b>Acronym:</b> LIPIDMETPROFILE
<b>Research Infrastructure:</b> CSIC-IATS ANA	<b>User Group Acronym:</b> USI-DBSV
<b>User Group Organisation:</b> University of Insubria-Department of Biotechnology and Life Sciences	<b>Web Address:</b> <a href="http://www.uninsubria.it/uninsubria/home.html">http://www.uninsubria.it/uninsubria/home.html</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Rimoldi Simona	<b>Leader Position:</b> PostDoc researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Molecular profiling of lipid metabolism in European sea bass	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0053/04/09/24c/B	<b>Acronym:</b> PIKEPERCHJUVENILES
<b>Research Infrastructure:</b> VURH PEU	<b>User Group Acronym:</b> UWM
<b>User Group Organisation:</b> Department of Lake and River Fisheries, Warmia and Mazury University in Olsztyn	<b>Web Address:</b> <a href="http://www.uwm.edu.pl/fish/">www.uwm.edu.pl/fish/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Poland
<b>User Group Leader:</b> Kucharczyk Dariusz	<b>Leader Position:</b> Scientist, researcher and lecturer
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Optimization of more effective and high-quality juvenile production of pikeperch with artificial support of periphyton under pond conditions.	<b>Number of Units of Access:</b> 288
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 24

<b>Project Reference Number:</b> 0054/04/01/11/A	<b>Acronym:</b> SELFEDLOWOX
<b>Research Infrastructure:</b> INRA St Pee	<b>User Group Acronym:</b> WU
<b>User Group Organisation:</b> Wageningen University	<b>Web Address:</b> <a href="http://www.wageningenur.nl/en/Expertise-Services/Chair-groups/Animal-Sciences/Aquaculture-and-Fisheries.htm">http://www.wageningenur.nl/en/Expertise-Services/Chair-groups/Animal-Sciences/Aquaculture-and-Fisheries.htm</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Netherlands
<b>User Group Leader:</b> Saravanan Subramanian	<b>Leader Position:</b> Research Assistant
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Self-feeding rhythm and feed-preference of rainbow trout under normal and low dissolved oxygen level	<b>Number of Units of Access:</b> 192
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0055/04/14/31/A	<b>Acronym:</b> EPISTRESSARTEMIA
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> UA/CESAM
<b>User Group Organisation:</b> University of Aveiro, Department of Biology	<b>Web Address:</b> www.ua.pt, www.cesam.ua.pt
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> João Luís Teixeira Pestana	<b>Leader Position:</b> Post-Doc Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Epigenetic aspects of stress resistance in the brine shrimp Artemia	<b>Number of Units of Access:</b> 16
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 13

<b>Project Reference Number:</b> 0057/04/12/27/B	<b>Acronym:</b> SEAHORSEPOUCH
<b>Research Infrastructure:</b> ULPGC WWSSU	<b>User Group Acronym:</b> UOS
<b>User Group Organisation:</b> University of Sheffield	<b>Web Address:</b> Fazelilab.group.shef.ac.uk
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> Alireza Fazeli	<b>Leader Position:</b> Head, Academic Unit of Reproductive and Developmental Medicine
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Does the male seahorse provide nutritional support for its offspring? An isotopic study.	<b>Number of Units of Access:</b> 288
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0058/04/04/14b/A	<b>Acronym:</b> PUFABIOSYNTHMEAGRE
<b>Research Infrastructure:</b> CSIC-IATS ANA	<b>User Group Acronym:</b> AUA
<b>User Group Organisation:</b> Agricultural University of Athens	<b>Web Address:</b> www.aua.gr
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Greece
<b>User Group Leader:</b> Christiana Kounna	<b>Leader Position:</b> PhD Candidate
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Investigating the biosynthesis of long-chain polyunsaturated fatty acids (LC-PUFAs) in meagre (Argyrosomus regius): Functional characterization of an Elovl4 fatty acyl elongase.	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0059/04/14/31/B	<b>Acronym:</b> HSPiVIBRIOPROTECT
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> UAB
<b>User Group Organisation:</b> Universitat Autònoma de Barcelona	<b>Web Address:</b> www.uab.es
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Camino Fierro-Castro	<b>Leader Position:</b> Associate Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Protection against Vibrio challenge by HSPi treatment.	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 7

<b>Project Reference Number:</b> 0060/04/08/22/A	<b>Acronym:</b> AAUTILIZEFF
<b>Research Infrastructure:</b> NOFIMA Averoy	<b>User Group Acronym:</b> Evonik Industries, AG
<b>User Group Organisation:</b> Evonik Industries, AG	<b>Web Address:</b> www.evonik.com
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Cláudia Figueiredo Silva	<b>Leader Position:</b> Aquaculture Nutrition Research Manager
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effect of dietary protein level on amino acid utilization efficiency for growth of Atlantic salmon	<b>Number of Units of Access:</b> 144
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0061/04/01/11/A	<b>Acronym:</b> EFFMETSOURCES
<b>Research Infrastructure:</b> INRA St Pee	<b>User Group Acronym:</b> Evonik Industries, AG
<b>User Group Organisation:</b> Evonik Industries, AG	<b>Web Address:</b> www.evonik.com
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Cláudia Figueiredo Silva	<b>Leader Position:</b> Aquaculture Nutrition Research Manager
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Relative efficacy of different sulphur amino acid (SAA) sources in rainbow trout juveniles	<b>Number of Units of Access:</b> 300
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0062/04/08/23	<b>Acronym:</b> VACUUMCO2STRIP
<b>Research Infrastructure:</b> NOFIMA NCRA	<b>User Group Acronym:</b> COLDEP
<b>User Group Organisation:</b> COLDEP DEVELOPPEMENT	<b>Web Address:</b> www.coldep.com
<b>Organisation Type:</b> SME	<b>User Group Country:</b> France
<b>User Group Leader:</b> Bertrand BARRUT	<b>Leader Position:</b> Project R&D Manager
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Vacuum Airlift CO2 Stripping	<b>Number of Units of Access:</b> 240
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0063/04/08/23/B	<b>Acronym:</b> 3DFISHTRACKING
<b>Research Infrastructure:</b> NOFIMA NCRA	<b>User Group Acronym:</b> VURH
<b>User Group Organisation:</b> Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> www.frov.jcu.cz
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Petr Císar	<b>Leader Position:</b> director of institute / researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Development and evaluation of fish 3D position tracking system for fish behavior analysis.	<b>Number of Units of Access:</b> 24
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8



<b>Project Reference Number:</b> 0065/04/10/25/A	<b>Acronym:</b> PHBTRACERCOD
<b>Research Infrastructure:</b> NTNU CodTech	<b>User Group Acronym:</b> ARC
<b>User Group Organisation:</b> Ghent University, laboratory of Aquaculture & Artemia Reference Center	<b>Web Address:</b> <a href="http://www.aquaculture.ugent.be">http://www.aquaculture.ugent.be</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Belgium
<b>User Group Leader:</b> Peter De Schryver	<b>Leader Position:</b> post-doctoral researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> A tracer study for the elucidation of the poly-beta-hydroxybutyrate metabolism upon ingestion by cod	<b>Number of Units of Access:</b> 6
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 6

<b>Project Reference Number:</b> 0067/04/02/12b/C	<b>Acronym:</b> PLANTENZYMEFERMENT
<b>Research Infrastructure:</b> IMR Matre Cell	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> P/F Fiskaaling	<b>Web Address:</b> <a href="http://www.fiskaaling.fo">www.fiskaaling.fo</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Denmark
<b>User Group Leader:</b> Eirikur Danielsen	<b>Leader Position:</b> Scientist
<b>Leader Qualification:</b> BSc	<b>Leader Category:</b> OTH
<b>Study Title:</b> Use of enzymes from <i>A. niger</i> produced by solid state fermentation for pre-processing plant ingredients for use in Atlantic salmon diets.	<b>Number of Units of Access:</b> 180
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0068/04/13/30/A	<b>Acronym:</b> DIETARYLIPIDANDP
<b>Research Infrastructure:</b> WU MRU	<b>User Group Acronym:</b> INRA
<b>User Group Organisation:</b> Institut National de la Recherche Agronomique	<b>Web Address:</b> <a href="http://www.inra.fr">www.inra.fr</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> France
<b>User Group Leader:</b> Antony Jesu Prabhu P	<b>Leader Position:</b> Doctoral researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Interaction between dietary lipid and phosphorus in fish	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 14

<b>Project Reference Number:</b> 0069/04/05/15/B	<b>Acronym:</b> POLYCHAETEFEED
<b>Research Infrastructure:</b> HCMR Aqualabs	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> PREDOMAR S.L.	<b>Web Address:</b> <a href="http://www.predomar.com/">http://www.predomar.com/</a>
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Carlos Llorens	<b>Leader Position:</b> General Manager
<b>Leader Qualification:</b> BSc or equivalent	<b>Leader Category:</b> EXP
<b>Study Title:</b> Polychaite worms a new sustainable raw material in sea bream startup feed.	<b>Number of Units of Access:</b> 6
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0070/05/03/13/A	<b>Acronym:</b> BLUEFUINNUTRIT
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> UCA
<b>User Group Organisation:</b> Universidad de Cádiz	<b>Web Address:</b> <a href="http://www.uca.es">www.uca.es</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Gabriel Mourente	<b>Leader Position:</b> Full Professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Molecular control mechanisms of lipid nutrition in Atlantic bluefin tuna ( <i>Thunnus thynnus</i> L.)	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0071/05/13/30/A	<b>Acronym:</b> ENVDIETSSALMONIDS
<b>Research Infrastructure:</b> WU MRU	<b>User Group Acronym:</b> UMB
<b>User Group Organisation:</b> Norwegian University of Life Sciences	<b>Web Address:</b> <a href="http://www.umb.no/english">http://www.umb.no/english</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Norway
<b>User Group Leader:</b> Peyman Mosberian Tanha	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc or equivalent	<b>Leader Category:</b> PGR
<b>Study Title:</b> Impact of diet under non-steady and hypoxic water conditions on gut barrier function and metabolism in salmonids	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 11

<b>Project Reference Number:</b> 0072/05/04/14b/A	<b>Acronym:</b> ARGIMMUNO2
<b>Research Infrastructure:</b> CSIC-IATS ANA	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research	<b>Web Address:</b> <a href="http://www.ciimar.up.pt">http://www.ciimar.up.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Maria Rita Azeredo	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> The effect of dietary L-arginine supplementation on the immune transcriptome of European sea bass ( <i>Dicentrarchus labrax</i> )	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0073/05/04/14a/A	<b>Acronym:</b> ARGIMMUNO1
<b>Research Infrastructure:</b> CSIC-IATS EXP	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research	<b>Web Address:</b> <a href="http://www.ciimar.up.pt">http://www.ciimar.up.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Maria Rita Azeredo	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> The effect of dietary L-arginine supplementation on the immune response and disease resistance of European seabass ( <i>Dicentrarchus labrax</i> )	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2



<b>Project Reference Number:</b> 0077/05/14/31/A	<b>Acronym:</b> PROBIOTICARTEMIA
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> DTU Biosys
<b>User Group Organisation:</b> Technical University of Denmark, Dept. Systems Biology	<b>Web Address:</b> <a href="http://www.bio.dtu.dk/">http://www.bio.dtu.dk/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Denmark
<b>User Group Leader:</b> Paul D'Alvise	<b>Leader Position:</b> PostDoc
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Control of pathogenic Vibrio spp. in Artemia cultures by a probiotic bacterium	<b>Number of Units of Access:</b> 16
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0079/05/03/13/A	<b>Acronym:</b> TEMPSCREEN
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> CCMAR
<b>User Group Organisation:</b> Centre of Marine Sciences of University of Algarve	<b>Web Address:</b> <a href="http://www.ccmar.ualg.pt/">www.ccmar.ualg.pt/</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Marco Alexandre Cerqueira	<b>Leader Position:</b> PhD Student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Using temperature choice in a dynamic environment to assess animal personality both within and between genetically distinct Tilapia populations.	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0082/05/06/17/A	<b>Acronym:</b> DIETMINERALINTERACT
<b>Research Infrastructure:</b> HAKI OEPS	<b>User Group Acronym:</b> INRA
<b>User Group Organisation:</b> Institut National de la Recherche Agronomique	<b>Web Address:</b> <a href="http://www.inra.fr">www.inra.fr</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> France
<b>User Group Leader:</b> Antony Jesu Prabhu P	<b>Leader Position:</b> Doctoral researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Mineral balance in common carp as affected by dietary factors and rearing system	<b>Number of Units of Access:</b> 240000
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0083/05/01/10/A	<b>Acronym:</b> FADCON
<b>Research Infrastructure:</b> INRA Peima	<b>User Group Acronym:</b> BioEnv, GU
<b>User Group Organisation:</b> Department of Biological and Environmental Sciences, University of Gothenburg	<b>Web Address:</b> <a href="http://www.bioenv.gu.se/">http://www.bioenv.gu.se/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Sweden
<b>User Group Leader:</b> Ningping Gong	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Leptin endocrinology in rainbow trout (Oncorhynchus mykiss) strains selected for differentiated muscle fat	<b>Number of Units of Access:</b> 128
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0085/05/01/10/A	<b>Acronym:</b> PHOTOEGG
<b>Research Infrastructure:</b> INRA Peima	<b>User Group Acronym:</b> UoS
<b>User Group Organisation:</b> University of Stirling	<b>Web Address:</b> <a href="http://www.aqua.stir.ac.uk/">http://www.aqua.stir.ac.uk/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> Herve Migaud	<b>Leader Position:</b> Director of Research
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Photoegg: Impact of photoperiodic manipulation of rainbow trout broodstock on egg quality	<b>Number of Units of Access:</b> 208
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0086/05/08/21/A	<b>Acronym:</b> REPROCOD
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> HHU Düsseldorf
<b>User Group Organisation:</b> Heinrich Heine Universität Düsseldorf	<b>Web Address:</b> <a href="http://www.uni-duesseldorf.de">www.uni-duesseldorf.de</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Christopher R. Bridges	<b>Leader Position:</b> appl. Professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effects of Ocean-Acidification (OA) on the Reproductive Cycle of Atlantic Cod ( <i>Gadus morhua</i> )	<b>Number of Units of Access:</b> 48
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0088/05/01/11/A	<b>Acronym:</b> INTERPOFADOM
<b>Research Infrastructure:</b> INRA St Pee	<b>User Group Acronym:</b>
<b>User Group Organisation:</b> Scientific Veterinary Institute "Novi Sad"	<b>Web Address:</b> <a href="http://niv.ns.ac.rs/">http://niv.ns.ac.rs/</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Serbia
<b>User Group Leader:</b> Dragana Ljubojevic	<b>Leader Position:</b> researcher assistant
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Interactive effects of dietary protein LEVEL and oil source on growth, nutrient and fatty acid digestibility, muscle fatty acid composition and lipid metabolism in rainbow trout ( <i>Oncorhynchus mykiss</i> )	<b>Number of Units of Access:</b> 216
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0089/05/07/20/B	<b>Acronym:</b> GERMCELLREG
<b>Research Infrastructure:</b> IFREMER MES	<b>User Group Acronym:</b> CCMAR
<b>User Group Organisation:</b> Center of Marine Sciences	<b>Web Address:</b> <a href="http://www.ccmarmar.ualg.pt">www.ccmarmar.ualg.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Rute Sofia Tavares Martins	<b>Leader Position:</b> Post-Dotoral Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Temperature modulation of germ cell migration and early gonadal formation in sea bass.	<b>Number of Units of Access:</b> 78
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 3

<b>Project Reference Number:</b> 0090/05/06/17/A	<b>Acronym:</b> OPTCARPPONDNUTRIT
<b>Research Infrastructure:</b> HAKI OEPS	<b>User Group Acronym:</b> Evonik Industries, AG
<b>User Group Organisation:</b> Evonik Industries, AG	<b>Web Address:</b> www.evonik.com
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Cláudia Figueiredo Silva	<b>Leader Position:</b> Aquaculture Nutrition Research Manager
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Optimization of feeding practices for carp pond production in Europe:Focus on AA nutrition	<b>Number of Units of Access:</b> 204000
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0092/06/08/21/B	<b>Acronym:</b> EMBRYOCHANGE
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> AWI
<b>User Group Organisation:</b> Alfred Wegener Institut	<b>Web Address:</b> www.awi.de
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Daniela Storch	<b>Leader Position:</b> Postdoc
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Resilience and adaptation of cod embryos from aquaculture and wild cod to ocean warming and acidification	<b>Number of Units of Access:</b> 480
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 13

<b>Project Reference Number:</b> 0093/06/09/24c/B	<b>Acronym:</b> RHEOPHILICFISH
<b>Research Infrastructure:</b> VURH PEU	<b>User Group Acronym:</b> FA
<b>User Group Organisation:</b> University of Belgrade, Faculty of Agriculture	<b>Web Address:</b> www.agrif.bg.ac.rs
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Serbia
<b>User Group Leader:</b> Zorka Dulic	<b>Leader Position:</b> Assistant Professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> "Culture of rheophilic fish species by using sustainable supplemental measures "	<b>Number of Units of Access:</b> 120
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0094/07/15/32/B	<b>Acronym:</b> SEAWEEDPLUS
<b>Research Infrastructure:</b> DLO IMARES RECIRC	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research	<b>Web Address:</b> http://www.ciimar.up.pt
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Leonardo Julián Magnoni	<b>Leader Position:</b> Postdoctoral Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Seaweed extract supplementation on sea bass metabolism	<b>Number of Units of Access:</b> 31
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 7

<b>Project Reference Number:</b> 0095/06/03/13/A	<b>Acronym:</b> AQUATICELONGASES
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research-Porto University	<b>Web Address:</b> <a href="http://www.ciimar.up.pt/">http://www.ciimar.up.pt/</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Filipe Castro	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> A novel Elongase class, Elovl8, in teleosts: functional and evolutionary characterization	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0096/06/15/32/B	<b>Acronym:</b> SWIMBASS
<b>Research Infrastructure:</b> DLO IMARES RECIRC	<b>User Group Acronym:</b> UB
<b>User Group Organisation:</b> Universitat de Barcelona	<b>Web Address:</b> <a href="http://www.ub.edu">www.ub.edu</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Raúl Benito	<b>Leader Position:</b> Master's Student
<b>Leader Qualification:</b> BSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Application of swimming-induced exercise in juvenile male sea bass ( <i>Dicentrarchus labrax</i> ) to prevent precocious maturation	<b>Number of Units of Access:</b> 50
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0099/06/09/24b/A	<b>Acronym:</b> STURGEONSPERMSTORE
<b>Research Infrastructure:</b> VURH HEU	<b>User Group Acronym:</b> SZIE
<b>User Group Organisation:</b> Szent István University	<b>Web Address:</b> <a href="http://www.sziu.hu">www.sziu.hu</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Hungary
<b>User Group Leader:</b> Ákos Horváth	<b>Leader Position:</b> Senior scientist
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effect of post-thaw storage on the fertilizing capacity of sturgeon sperm	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b>

<b>Project Reference Number:</b> 0101/06/01/11/B	<b>Acronym:</b> GENETICS4LCPUFA
<b>Research Infrastructure:</b> INRA St Pee	<b>User Group Acronym:</b> DIAL
<b>User Group Organisation:</b> Department of Food Science	<b>Web Address:</b> <a href="http://www.uniud.it">www.uniud.it</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Francesca Tulli,	<b>Leader Position:</b> Senior Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Delta6 polymorphisms as a tool for a genetic-based selection of rainbow trout leading to a more sustainable aquaculture nutrition and high nutritional quality products	<b>Number of Units of Access:</b> 48
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 3

<b>Project Reference Number:</b> 0102/06/07/20/A	<b>Acronym:</b> SEABASSGENDER
<b>Research Infrastructure:</b> IFREMER MES	<b>User Group Acronym:</b> CSIC-ICM
<b>User Group Organisation:</b> Insitut de Ciendes del Mar	<b>Web Address:</b> www.icm.csic.es
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Francesc Piferrer	<b>Leader Position:</b> Full Professor
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Genetic and environmental variation in the epigenetic control of sex determination in sea bass	<b>Number of Units of Access:</b> 176
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0104/06/08/21/A	<b>Acronym:</b> ACIDCOD
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> GEOMAR
<b>User Group Organisation:</b> GEOMAR Helmholtz Centre for Ocean Research Kiel	<b>Web Address:</b> www.geomar.de
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Catriona Clemmesen-Bockelmann	<b>Leader Position:</b> Senior scientist
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b>	<b>Number of Units of Access:</b> 192
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0105/08/12/29/A	<b>Acronym:</b> ACIDFISH
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> GEOMAR
<b>User Group Organisation:</b> GEOMAR Helmholtz Centre for Ocean Research Kiel	<b>Web Address:</b> www.geomar.de
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Catriona Clemmesen-Bockelmann	<b>Leader Position:</b> Senior scientist
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effects of ocean acidification and food densities on the development of larval sea bream ( <i>Sparus aurata</i> )	<b>Number of Units of Access:</b> 72
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0106/06/04/14b/A	<b>Acronym:</b> GONADOTROPINQUANT
<b>Research Infrastructure:</b> CSIC-IATS ANA	<b>User Group Acronym:</b> CCMAR
<b>User Group Organisation:</b> Center of Marine Sciences	<b>Web Address:</b> www.ccmr.ualg.pt
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Patricia I.S. Pinto	<b>Leader Position:</b> Post-Doctoral Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Effects of the neuropeptide galanin on the pituitary secretion of gonadotropins in sea bass	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0107/06/08/21/A	<b>Acronym:</b> BGLUCAN4LARVAE
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> DVS UniPi
<b>User Group Organisation:</b> Dpt Veterinary Science, University of Pisa	<b>Web Address:</b> www.unipi.it
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Baldassare Fronte	<b>Leader Position:</b> Assistant Professor
<b>Leader Qualification:</b> PhD or equivalent	<b>Leader Category:</b> EXP
<b>Study Title:</b> Methods of administration of B-glucans to early stage fish larvae: effects on growth performances, malformation incidence, survival rate and disease resistance	<b>Number of Units of Access:</b> 56
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 6

<b>Project Reference Number:</b> 0108/07/02/12a/B	<b>Acronym:</b> REPETSURFACEACCESS
<b>Research Infrastructure:</b> IMR Matre CEL	<b>User Group Acronym:</b> UoC
<b>User Group Organisation:</b> University of Crete, Biology Department	<b>Web Address:</b> www.uoc.gr
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Greece
<b>User Group Leader:</b> Maroudio Kentouri	<b>Leader Position:</b> Biology
<b>Leader Qualification:</b> PhD or equivalent	<b>Leader Category:</b> EXP
<b>Study Title:</b> Effect of repetitive surface access of salmon kept in submerged cages at 10m depth	<b>Number of Units of Access:</b> 72
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0110/07/02/12b/A	<b>Acronym:</b> MICROALGAEBOOST
<b>Research Infrastructure:</b> IMR Matre Cell	<b>User Group Acronym:</b> DISPAA
<b>User Group Organisation:</b> Dip. di Scienze delle Produzioni Agroalimentari e dell'Ambiente-UNIFI	<b>Web Address:</b> http://www.dispaa.unifi.it
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Andrea Boanini	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> "Microalgae as prebiotics: Effects on gut microbiota and innate immunity in fingerlings of Atlantic salmon ( <i>Salmo salar</i> )".	<b>Number of Units of Access:</b> 216
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0111/07/03/13/A	<b>Acronym:</b> TURBOTTNFADETECT
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> USC
<b>User Group Organisation:</b> Universidad de Santiago de Compostela	<b>Web Address:</b> www.usc.es
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Paolo Ronza	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Characterization of tumor necrosis factor-alpha expression in control and Enteromyxum scophthalmi-infected turbot ( <i>Scophthalmus maximus</i> L.) by in-situ hybridization.	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2



<b>Project Reference Number:</b> 0112/07/04/14a/A	<b>Acronym:</b> PROBIOFISH
<b>Research Infrastructure:</b> CSIC-IATS EXP	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research	<b>Web Address:</b> <a href="http://www.ciimar.up.pt">http://www.ciimar.up.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Sónia Maria Gomes Batista	<b>Leader Position:</b> PhD Student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> OTH
<b>Study Title:</b> Probiotic supplementation on Solea senegalensis diet: Effects on Growth performance and immune status.	<b>Number of Units of Access:</b> 12
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0113/08/01/10/B	<b>Acronym:</b> IMPROFISHCAST
<b>Research Infrastructure:</b> INRA Peima	<b>User Group Acronym:</b> CSIC
<b>User Group Organisation:</b> Spanish National Research Council	<b>Web Address:</b> <a href="http://www.csic.es">http://www.csic.es</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> GOMEZ Ana	<b>Leader Position:</b> Project leader
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> Can GnRH immunosuppression be developed in fish to block precocious maturation? a first trial with IMPROVAC TM	<b>Number of Units of Access:</b> 69
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0114/08/01/10/A	<b>Acronym:</b> SATRUSEX
<b>Research Infrastructure:</b> INRA Peima	<b>User Group Acronym:</b> Uvigo
<b>User Group Organisation:</b> Universidad de Vigo	<b>Web Address:</b> <a href="http://www.uvigo.es">www.uvigo.es</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Paloma Morán	<b>Leader Position:</b> Professor of Genetics
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b>	<b>Number of Units of Access:</b> 108
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0115/08/14/31/A	<b>Acronym:</b> NANOARTEMIA
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> UAL
<b>User Group Organisation:</b> University of Almería	<b>Web Address:</b> <a href="http://www.ual.es/">http://www.ual.es/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> María Isabel Sáez Casado	<b>Leader Position:</b> Postdoc student
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Study of effects of biochemicals encapsulated in nanoparticles on the immune system of gnotobiotic Artemia.	<b>Number of Units of Access:</b> 22
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0117/08/08/23/A	<b>Acronym:</b> CO2SALMONBEHAV
<b>Research Infrastructure:</b> NOFIMA NCRA	<b>User Group Acronym:</b> FFPW
<b>User Group Organisation:</b> Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> www.frov.jcu.cz
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Martin Fort	<b>Leader Position:</b> Ph.D. student / researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Effects of elevated carbon dioxide on Atlantic salmon behaviour and physiology	<b>Number of Units of Access:</b> 72
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0119/08/12/28/D	<b>Acronym:</b> EPAOIL
<b>Research Infrastructure:</b> ULPGC MBS	<b>User Group Acronym:</b> UOS
<b>User Group Organisation:</b> University of Stirling	<b>Web Address:</b> www.aqua.stir.ac.uk
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> Monica B. Betancor Quintana	<b>Leader Position:</b> Post Doctoral Research Assistant
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Replacement of marine fish oil with high-EPA oil from transgenic Camelina sativa in feeds for gilthead sea bream ( <i>Sparus aurata</i> )	<b>Number of Units of Access:</b> 27
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 3

<b>Project Reference Number:</b> 0120/09/12/27/E	<b>Acronym:</b> FISHWELFARETOOL
<b>Research Infrastructure:</b> ULPGC WWSSU	<b>User Group Acronym:</b> VURH
<b>User Group Organisation:</b> University of South Bohemia, Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> www.frov.jcu.cz
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Pavel Soucek	<b>Leader Position:</b> Technician
<b>Leader Qualification:</b> Ing	<b>Leader Category:</b> TEC
<b>Study Title:</b> Development and evaluation of methodology for analysis of seahorses, yellowfish, and clownfish skin colour and pattern differences.	<b>Number of Units of Access:</b> 40
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0121/08/02/12b/A	<b>Acronym:</b> SALMONSEQSURVEY
<b>Research Infrastructure:</b> IMR Matre Cell	<b>User Group Acronym:</b> UOS
<b>User Group Organisation:</b> University of Stirling	<b>Web Address:</b> www.stir.ac.uk
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> Oscar Monroig	<b>Leader Position:</b> Lecturer
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b>	<b>Number of Units of Access:</b> 1
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1



<b>Project Reference Number:</b> 0122/08/08/21/A	<b>Acronym:</b> TRANSCOD
<b>Research Infrastructure:</b> NOFIMA NCBC	<b>User Group Acronym:</b> UDUS
<b>User Group Organisation:</b> Heinrich Heine Univ. Inst. Metabolic Physiology	<b>Web Address:</b> <a href="http://www.uni-duesseldorf.de">www.uni-duesseldorf.de</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Christopher R. Bridges	<b>Leader Position:</b> apl. Prof. Univ. Düsseldorf Head Ecophysiology Unit
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Remediation of Long-Term Negative effects of Ocean Acidification through Transgeneration Breeding Strategies in the Atlantic Cod	<b>Number of Units of Access:</b> 88
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 8

<b>Project Reference Number:</b> 0123/08/12/29/C	<b>Acronym:</b> SELEFISH
<b>Research Infrastructure:</b> ULPGC FITU	<b>User Group Acronym:</b> UOS
<b>User Group Organisation:</b> University of Stirling	<b>Web Address:</b> <a href="http://www.aqua.stir.ac.uk">www.aqua.stir.ac.uk</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> United Kingdom
<b>User Group Leader:</b> Matthew Sprague	<b>Leader Position:</b> Post Doctoral Research Assistant
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Effects of high Se diet on the reproductive success of zebrafish and resistance of its progeny to oxidative stress	<b>Number of Units of Access:</b> 32
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0125/08/05/15/A	<b>Acronym:</b> INDIFISH
<b>Research Infrastructure:</b> HCMR Aqualabs	<b>User Group Acronym:</b> DMVPA-UNINA
<b>User Group Organisation:</b> Department of Veterinary Medicine and Animal Production - University of Naples Federico II	<b>Web Address:</b> <a href="http://www.mvpa.unina.it/">http://www.mvpa.unina.it/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Italy
<b>User Group Leader:</b> Piccolo Giovanni	<b>Leader Position:</b> Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> OTH
<b>Study Title:</b> Evaluation of apparent digestibility coefficients of insect meal in European sea bass ( <i>Dicentrarchus labrax</i> )	<b>Number of Units of Access:</b> 8
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

<b>Project Reference Number:</b> 0126/09/03/13/A	<b>Acronym:</b> CATFISHVIRUSID
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> MTA IVMR
<b>User Group Organisation:</b> Hungarian Academy of Sciences, Institute for Veterinary Medical Research	<b>Web Address:</b> <a href="http://www.vMRI.hu/index_eng.htm">http://www.vMRI.hu/index_eng.htm</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Hungary
<b>User Group Leader:</b> Réka Borzák	<b>Leader Position:</b> Junior Research Fellow
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Identification of viral agent causing disease in <i>Silurus glanis</i> in Hungary	<b>Number of Units of Access:</b> 13
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 13

<b>Project Reference Number:</b> 0127/09/15/32/C	<b>Acronym:</b> BIOSOLE
<b>Research Infrastructure:</b> DLO IMARES RECIRC	<b>User Group Acronym:</b> UTH
<b>User Group Organisation:</b> University of Thessaly	<b>Web Address:</b> <a href="http://www.uth.gr">http://www.uth.gr</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Greece
<b>User Group Leader:</b> Menelaos Kavouras	<b>Leader Position:</b> PhD candidate
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Biochemical mechanisms related to sole egg and larval quality	<b>Number of Units of Access:</b> 18
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 6

<b>Project Reference Number:</b> 0129/09/11/26/A	<b>Acronym:</b> AUTOFEEDANALYSIS
<b>Research Infrastructure:</b> SINTEF ACE/SSO	<b>User Group Acronym:</b> VURH
<b>User Group Organisation:</b> Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> <a href="http://www.frov.jcu.cz">www.frov.jcu.cz</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Petr Cisar	<b>Leader Position:</b> researcher/ institute director
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Exploration of the possibilities of automatic fish behaviour analysis in cages to optimize the feeding process.	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 1

<b>Project Reference Number:</b> 0130/09/08/23/A	<b>Acronym:</b> 3DFISHTRACKEVAL
<b>Research Infrastructure:</b> NOFIMA NCRA	<b>User Group Acronym:</b> VURH
<b>User Group Organisation:</b> Faculty of Fisheries and Protection of Waters	<b>Web Address:</b> <a href="http://www.frov.jcu.cz">www.frov.jcu.cz</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Czech Republic
<b>User Group Leader:</b> Aliaksandr Pautsina	<b>Leader Position:</b> PhD student
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Evaluation and testing of IR reflection 3D fish tracking system for using in ethological research and application at aquaculture facilities.	<b>Number of Units of Access:</b> 30
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0131/09/13/30/A	<b>Acronym:</b> NESYSTEMDEV
<b>Research Infrastructure:</b> WU MRU	<b>User Group Acronym:</b> Evonik Industries
<b>User Group Organisation:</b> Evonik Industries	<b>Web Address:</b> <a href="http://www.evonik.com">www.evonik.com</a>
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Germany
<b>User Group Leader:</b> Cláudia Figueiredo Silva	<b>Leader Position:</b> Aquaculture Nutrition Research Manager
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Towards the development of NE feed evaluation system for common carp.	<b>Number of Units of Access:</b> 8
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 1.5

<b>Project Reference Number:</b> 0132/09/04/14b/A	<b>Acronym:</b> ALGAESPARUS
<b>Research Infrastructure:</b> CSIC-IATS ANA	<b>User Group Acronym:</b> CIIMAR
<b>User Group Organisation:</b> Interdisciplinary Centre of Marine and Environmental Research	<b>Web Address:</b> <a href="http://www.ciimar.up.pt">http://www.ciimar.up.pt</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Portugal
<b>User Group Leader:</b> Leonardo Julián Magnoni	<b>Leader Position:</b> Postdoctoral Researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Transcriptional response to acute stress in gilthead sea bream fed diets supplemented with seaweed co-products	<b>Number of Units of Access:</b> 4
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 4

<b>Project Reference Number:</b> 0133/09/14/31/B	<b>Acronym:</b> HSP70LARVAEPROTECT
<b>Research Infrastructure:</b> UGent GART	<b>User Group Acronym:</b> UAB
<b>User Group Organisation:</b> Universitat Autònoma de Barcelona	<b>Web Address:</b> <a href="http://www.uab.cat">www.uab.cat</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Spain
<b>User Group Leader:</b> Felipe E. Reyes-Lopez	<b>Leader Position:</b> PhD researcher
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Effect of HSP-70 as potentiator of immune response in full-sibling sea bass larvae challenged with <i>V. anguillarum</i> : a strategy to find candidate genes associated with resistance to vibriosis.	<b>Number of Units of Access:</b> 36
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 12

<b>Project Reference Number:</b> 0134/09/09/24b/B	<b>Acronym:</b> STERLETMORPHOLOGY
<b>Research Infrastructure:</b> VURH HEU	<b>User Group Acronym:</b> IBISS
<b>User Group Organisation:</b> Institute for Biological Research	<b>Web Address:</b> <a href="http://www.ibiss.bg.ac.rs">www.ibiss.bg.ac.rs</a>
<b>Organisation Type:</b> RES	<b>User Group Country:</b> Serbia
<b>User Group Leader:</b> Mirjana Lenhardt	<b>Leader Position:</b> scientific adviser
<b>Leader Qualification:</b> PhD	<b>Leader Category:</b> EXP
<b>Study Title:</b> Geometric morphometry of cultured and wild sterlet as indicator of fish fitness Geometric morphometry of cultured and wild sterlet as indicator of fitness	<b>Number of Units of Access:</b>
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 3

<b>Project Reference Number:</b> 0135/09/03/13/A	<b>Acronym:</b> MARAPONICSENERGY
<b>Research Infrastructure:</b> UOS IOA	<b>User Group Acronym:</b> BEES, UCC
<b>User Group Organisation:</b> School of Biological, Earth, and Environmental Sciences, University College Cork	<b>Web Address:</b> <a href="http://www.ucc.ie/en/bees/">http://www.ucc.ie/en/bees/</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Ireland
<b>User Group Leader:</b> Daryl Gunning	<b>Leader Position:</b> PhD Researcher
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> PGR
<b>Study Title:</b> Using Fatty Acid Analysis to track trophic pathways in a maraponics system	<b>Number of Units of Access:</b> 42128
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 42128

<b>Project Reference Number:</b> 0136/09/12/27/B	<b>Acronym:</b> NESWFISHANAESTHETICS
<b>Research Infrastructure:</b> ULPGC WWSSU	<b>User Group Acronym:</b> AUFoF
<b>User Group Organisation:</b> Akdeniz University, Faculty of Fisheries	<b>Web Address:</b> <a href="http://sufak.akdeniz.edu.tr">http://sufak.akdeniz.edu.tr</a>
<b>Organisation Type:</b> UNI	<b>User Group Country:</b> Turkey
<b>User Group Leader:</b> Türker Bodur	<b>Leader Position:</b> Specialist
<b>Leader Qualification:</b> PhD or equivalent	<b>Leader Category:</b> PDOC
<b>Study Title:</b> Investigation of Effect on Stress of New Herbal Aneshtetics for Aquaculture Species	<b>Number of Units of Access:</b> 36
<b>Number of Visitors:</b> 1	<b>Number of Weeks:</b> 3

<b>Project Reference Number:</b> 0137/09/11/26/A	<b>Acronym:</b> BIOMASSDAILUSONAR
<b>Research Infrastructure:</b> SINTEF ACE/SSO	<b>User Group Acronym:</b> Vaki
<b>User Group Organisation:</b> Vaki Aquaculture Systems Ltd	<b>Web Address:</b> <a href="http://vaki.is">vaki.is</a>
<b>Organisation Type:</b> SME	<b>User Group Country:</b> Iceland
<b>User Group Leader:</b> Hermann Kristjánsson	<b>Leader Position:</b> CEO
<b>Leader Qualification:</b> MSc	<b>Leader Category:</b> EXP
<b>Study Title:</b> Large scale testing of Vaki sonar fish finder	<b>Number of Units of Access:</b> 2
<b>Number of Visitors:</b> 2	<b>Number of Weeks:</b> 2

## Appendix 2: Selection Panel Members

Internal/ external	Name	Institution	Country
Internal	Geir Lasse Taranger	IMR	Norway
Internal	Patrick Prunet	INRA	France
Internal	Johan Verreth	WUR	Netherlands
Internal	Yngvar Olsen	NTNU	Norway
External	Paulino Martinez	Univ. Santiago Compostela	Spain
External	Rodney Wooten	Retired (UoS)	UK
External	Maria Teresa Dinis	Retired (Univ. Algarve)	Portugal
External	Carlos Mazorra	Tinamenor	Spain
External	Hannu Mölsä	Oy FIC Fish Innovation Centre Ltd.	Finland
Internal	Jean Paul Blancheton	IFREMER	France
External	Michalis Pavlidis	University of Crete	Greece
Internal	Zdenek Adámek	VURH	Czech Republic

*Note: Retired members shown in lighter text*

### **Appendix 3: Application form for TNA users**

Application Reference Code (Leave Blank - will be filled by secretariat):



## APPLICATION FORM FOR RESEARCH ACCESS

Please use Adobe Acrobat Reader software to complete this form  
(Please read guidelines before completing this form)

<b>1. Name and code of the Research Infrastructure for which you are applying for access:</b>		
Select Facility		
<b>2. Research project short name</b> (max 30 characters):		
<b>3. Lead Researcher applying to access the Research Infrastructure</b> (Also attach separate CV)		
Name:	Title:     Select	
Position:		
Citizenship:	Birth Year:	Gender:     Select
Highest qualification:	Select	
Research category:	Select	
<i>(PGR = PostGRaduate, PDOC = PostDOC, EXP = EXPert, TEC = TEChnician, OTH = OTHer)</i>		
Organisation Name:		
Organisation Acronym:	Organisation Country:     Select	
Organisation Type:	Select	
<i>(UNI=University, RES=research institution, SME=small or medium size enterprise, PRV=private)</i>		
Organisation Web Address:		
Organisation Address:		
Phone:	Fax:	Email:



#### 4. Additional member of research group involved in visit (if applicable) (attach separate CV)

Name: \_\_\_\_\_ Title: **Select**

Position: \_\_\_\_\_

Citizenship: \_\_\_\_\_ Birth Year: \_\_\_\_\_ Gender: **Select**

Highest qualification: **Select**

Research category: **Select**

(PGR = PostGRaduate, PDOC = PostDOC, EXP = EXPert, TEC = TEChnician, OTH = OTHer)

Organisation Name: \_\_\_\_\_

Organisation Acronym: \_\_\_\_\_ Organisation Country: **Select**

Organisation Type: **Select**

(UNI=University, RES=research institution, SME=small or medium size enterprise, PRV=private)

Organisation Web Address: \_\_\_\_\_

Organisation Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**For any additional co-researchers not involved in the visit, please provide the following information:**

Name \_\_\_\_\_ Organisation: \_\_\_\_\_ Role\* **Select**

Name \_\_\_\_\_ Organisation: \_\_\_\_\_ Role\* **Select**

Name \_\_\_\_\_ Organisation: \_\_\_\_\_ Role\* **Select**

Name \_\_\_\_\_ Organisation: \_\_\_\_\_ Role\* **Select**

(\*Role – select from EXP - Expert/Adviser; AC-COL – Academic Collaborator; CO-COL – Commercial Collaborator; RES-ST – Research Student; TECH – Technician)



5a. Have you or your research group previously carried out collaborative research with staff of the proposed Research Infrastructure? If so, when and how?

5b. Have any members of your research group previously accessed this Research Infrastructure? or are you a new user of this Research Infrastructure? Please give details of previous access or write “new user”:

5c. Please give details of any previous applications made by your Research Group under the AquaExcel project whether supported or not (*Note, not applicable for first call*):

Application	Project title	Year submitted	Leader Name	Aqua Excel Ref. No.
1		Select		
2		Select		
3		Select		
4		Select		

6. Proposed study title:

7. Number of units of access requested:

- a) Number of people visiting the Research Infrastructure Select
- b) Number of weeks you will be at the Research Infrastructure
- c) Number of tanks, ponds, cages, etc\* you will use (if appropriate)
- d) Number of “Units of Access”\* Requested

\*Please see call details for guidance on calculating the units of access for each Research Infrastructure, for instance it may be number of weeks x number of tanks, or number of weeks x number of people etc.)

**8. Introduction** (max 0.5 page – include background and why you wish to use the specific Research Infrastructure).

**9. Study objectives** (max 0.5 pages)



**10. Research plans** (max. 2 pages; include proposed plan of work, include timings/number of days):

*Continue text on next page when this form field is full*



A large, empty rectangular box with a black border, intended for a drawing or diagram.

**11. Specific requirements** (max 1 page, include details of equipment, materials and supplies required; use of specific fish lines, sizes and quantities; technical assistance and training etc)

## 12. Ethics screening

a) Does your research involve any procedures likely to cause harm or suffering to the fish, or procedures that fall under welfare regulations of either your own country or that of the Research Infrastructure? If so, please give further details and describe any procedures to be carried out on the fish

b) Please give details of any procedures you plan to put in place to ensure adequate welfare of experimental animals

c) Will the study involve any work with the public or people below the age of 18? If so, please give further details.

e) What checks have you made to ensure that the proposed research complies with the ethical regulations of the selected Research Infrastructure?

13. Was this application developed discussed with staff of the Research Infrastructure prior to submitting the application? If so who?

14. Suggested start date for the **project** and overall duration

Requested start date

Duration (weeks)

15a. **Thematic classification** (please check the boxes for the areas that best describe the focus of your study)

- |                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/> Nutrition  | <input type="checkbox"/> Health and pathology                 |
| <input type="checkbox"/> Genetics   | <input type="checkbox"/> Environmental interactions & impacts |
| <input type="checkbox"/> Physiology | <input type="checkbox"/> Aquaculture systems engineering      |
| <input type="checkbox"/> Welfare    | <input type="checkbox"/> Processing                           |
| <input type="checkbox"/> Other      | (please specify)  |

15b. **Species classification** (please check the boxes for the species groups used in your study)

- ☐ **marine fish - cold** (salmon, sea trout, cod, halibut, others)
- ☐ **marine fish – temperate** (sea bream, sea bass, others)
- ☐ **freshwater fish** (trout, carp, tilapia, others)
- ☐ **model fish** (zebrafish, guppy, others)
- ☐ **other aquaculture species** (algae, crustaceans, molluscs, other invertebrates, others)

**16. EATIP Strategic Research & Innovation Agenda** (Please indicate which areas of the European Aquaculture Technology and Innovation Platform Strategic Research & Innovation Agenda (<http://www.eatip.eu/default.asp?SHORTCUT=295>) will be addressed by the study and how):

- ☐ Technology and Systems
- ☐ Product Quality, Consumer Safety and Health
- ☐ Sustainable Feed Production
- ☐ Managing the Biological Lifecycle
- ☐ Knowledge Management
- ☐ Integration with the Environment
- ☐ Socio-economics & Management
- ☐ Aquatic Animal Health & Welfare

Provide further explanation here:

**17. Anticipated outputs** (dissemination and exploitation)





18. Estimated cost for travel to this Research Infrastructure.

19. I confirm that this proposal fulfil the eligibility criteria for access to this Research Infrastructure.

Name:

Position:

E-mail Address:

Date:

**SUBMIT**



## GUIDELINES FOR COMPLETION OF APPLICATION FORM

(NOTE: All questions on the form should be answered and developed as fully as possible)

### 1. Research Infrastructure

This should be one of the facilities listed in the Call for Access at <http://www.aquaexcel.eu/>. You should contact the Research Infrastructure prior to completing the form to ensure your proposals are feasible.

### 2. Research project short name

Please provide a short name for your project which can be used to refer to the project and in any promotion and publicity (Preferably a single word/Acronym).

### 3. Research Group Leader.

This is the lead researcher involved in accessing the Research Infrastructure and who is participating in the visit and work at the Research Infrastructure facilities. In addition to the details requested please provide a short *curriculum vitae* using the template provided. If the lead researcher is a student, please also provide details of supervision arrangements both at the Research Infrastructure and home base.

### 4. Co-researchers

Please provide full details of the second researcher involved in the access visit (if applicable) on the form and attach a CV using the AQUAEXCEL CV Template. Also list the names, organisation and roles of any additional co-researchers not directly involved in the access visit.

### 5. Questions about previous collaborations, use of the Research Infrastructure and participation in AQUA EXCEL.

This three-part question is to enable the Selection Panel to determine the priority that should be accorded to the application under the EC contract guidance on promoting new collaborations and ensuring widest possible access.

### 6. Proposed study title

This should be concise, but sufficient to describe the key aims of the project

### 7. Number of units of access requested

These questions help to calculate the amount of resource that you wish to use and duration of the visit to the Research Infrastructure. Further information is available for each facility in the AQUAEXCEL TNA Guide document.

### 8. Introduction.

Provide a summary of the scientific context of the proposal study, including the current state of knowledge. Include any commercial context for the work. Please identify the key reasons why you are applying to this particular infrastructure, e.g. with respect to facilities, species or particular expertise available or potential future collaboration plans. You should also clarify why the proposed research cannot be carried out in your own country.

### 9. Study objectives.

Describe the objectives of the study and especially any potential commercial or quality of life benefits. Make reference to official documents and other literature to show how this specific study meets the aims and objectives of broader EU research programmes.



#### **10. Research plans.**

Provide details of the research to be carried out at the Research Infrastructure (give a minimum of 1 page and maximum 2 pages). Indicate if your research can only be carried out at a particular time for operational reasons, e.g. availability of material. Include experimental methods (treatments, controls etc), schedules and how you expect to analyse the results.

#### **11. Specific requirements**

Please provide as much detail as possible here about specific equipment, consumables, technical assistance and training that will be required. In particular consider any materials that pose a hazard and require special procedures or disposal facilities.

#### **12. Ethics screening**

It is AQUAEXCEL policy that all research linked to the project will be conducted according to the 3Rs (reduce, refine replace) methodology (Further explanation is given at the end of this document, and via web sites such as <http://www.nc3rs.org.uk/category.asp?catID=31>). Please discuss these principles in relation to your proposed work, showing how you will comply with this best practice. As well as acute adverse effects, possible chronic adverse effects should be considered. Where chronic adverse effects are possible, humane end points should be defined before the experiment and criteria defined for early termination of specific experimental groups where necessary. You should also provide details of any other fish welfare or ethics guidelines or procedures that will be followed in accordance with either the policies of your own organisation or that of the Research Infrastructure.

#### **13. Prior discussion with Research Infrastructure Manager**

It is recommended that research plans are discussed in detail with the appropriate Research Structure Manager prior to completing the proposal form in order to ensure the proposed work is feasible and fits in with existing work schedules etc.

#### **14. Suggested start date and duration of project.**

Please give the date at which you would like the project to start. This will normally be the date on which the first visit starts. However, if work will be carried out at the Research Infrastructure before the visit takes place, please give the start date for this activity. The duration of the project will usually be the same as the length of the visit given in question 7, or the number of weeks that the Infrastructure facilities will be in use if that is longer. Please refer to the guidance provided by the specific facility concerning expected minimum or average length of visits. Visits for longer than 3 months must obtain prior permission from the European Commission. If the project involves more than one visit, or different personnel visiting at different times or for different durations, please explain this clearly in Section 18 (Estimated cost for travel to this Research Infrastructure)

#### **15. Thematic and species classification**

To help with evaluation and reporting of the project, please indicate which thematic area(s) and species groups are the subject of your study.

#### **16. Addressing EATIP Strategic Research and Innovation Agenda**

Describe clearly how your research is expected to contribute to the European Aquaculture Technology and Innovation Platform Strategic Research and Innovation Agenda (See. <http://www.eatip.eu/default.asp?SHORTCUT=295>). “The Future of European Aquaculture – Our Vision: A Strategic Agenda for Research & Innovation” was published in 2012 (<https://drive.google.com/file/d/0Byu8uGbcUerAaUxHQ2R6MGZrak0/edit?usp=sharing>) and lists the 8 thematic areas in a different order to that on the form, i.e:



1. Product Quality, Consumer Safety and Health
2. Technology and Systems
3. Managing the Biological Life Cycle
4. Sustainable Feed Production
5. Integration with the Environment
6. Knowledge Management
7. Aquatic Animal Health and Welfare
8. Socio-economics, Management & Governance

For each thematic area, a key target is given and then a set of numbered goals and bullet-point sub-goals. Please quote the specific goals and sub goals that your research will support – e.g. “Thematic Area 3, Goal 2, Sub-Goal b” (using a,b,c etc to identify the specific sub-goal) and explain these choices in the space given for further explanation.

### 17. Anticipated outputs

Describe in some detail what scientific and other outputs you expect to produce as a result of your work at the Research Infrastructure and how they might subsequently be transferred to industry or otherwise used and exploited. For instance journal articles, conference presentations, patents, products, industry workshops etc.

### 18. Estimated cost for travel to the Research Infrastructure

Travel expenses will be paid from the user's home institution to the Research Infrastructure and return. Economy class air fares will be reimbursed on production of tickets. Any additional travel costs incurred in travelling to and from the Research Infrastructure (e.g. train, taxi) will also be reimbursed at economy rate. Any travel expenses involved in carrying out the research whilst at the Research Infrastructure will also be provided. Accommodation will be provided in accommodation owned by the Research Infrastructure or in nearby guest houses (bed and breakfast) or hotels. Full details of accommodation provisions and expense allowances are available from the individual Research Infrastructures. Users of the Research Infrastructures will need to make their own insurance arrangements. If the visit involves more than one trip or different dates for different people, please explain this clearly alongside the cost estimates in this section.

### 19. Declaration

Please complete the declaration having read the terms and conditions for Transnational Access as detailed within the Call for Access and in ANNEX III to the Grant Agreement – Infrastructures: [http://ftp.cordis.europa.eu/pub/fp7/docs/fp7-ga-annex3-infra\\_en.pdf](http://ftp.cordis.europa.eu/pub/fp7/docs/fp7-ga-annex3-infra_en.pdf)

### NOTE: Explanation of the 3Rs in relation to ethics:

**Reduction** refers to methods for obtaining comparable levels of information from the use of fewer animals in scientific procedures or for obtaining more information from a given number of animals so that, in the long run, fewer animals are needed to complete a given research project or test. Reduction will be achieved through experimental planning and design, in order to avoid inconclusive experiments due to inadequate statistical power of experiments, as well as by standardisation of the animal population (genetics, health), the environment and experimental techniques.

**Refinement** encompass those methods that alleviate or minimize potential pain and distress and enhance animal well-being. Potential pain and distress can be avoided or alleviated with the proper use of anesthetics, analgesics, and sedatives. The use of such methods is integral to the

implementation of Directive 86-609-EEC which will be the baseline of the animal experimentation procedures used in Aquaexcel.

**Replacement** alternatives encompass those methods that permit a given purpose to be achieved without conducting experiments or other scientific procedures on animals. Whenever possible, ex vivo methods will be preferred to experimentation on animals.

## **Appendix 4: Survey forms completed by TNA users**

**YOUR PROJECT DETAILS**

- 1.01 AQUAEXCEL project reference number:
- 1.02 Date this form completed:
- 1.03 Name of the person completing this form:
- 1.04 E-mail address of the person completing this form:
- 1.05 Version (use 01 for the first version and 02, 03 etc for subsequent versions):
- 1.06 Infrastructure/facility used:
- 1.07 Project acronym:
- 1.08 Project title:
- 1.09 Lead researcher name:
- 1.10 Lead researcher organization name:
- 1.11 Name(s) of any other people participating in the visit:
- 1.12 Date of project commencement:
- 1.13 Start date of first visit:
- 1.14 End date of last visit:
- 1.15 Explanation of number, type and duration of visits:

**CHOICE OF INFRASTRUCTURE**

- 2.01 How did you become aware of the AQUAEXCEL Project and opportunities for TNA?

- 2.02 What were the reasons for selecting your host infrastructure?

2.03 Did you consider other infrastructures? If so, which ones?

2.04 Did you receive any advice on selecting an Infrastructure? If so, who from?

2.05 Comment on the quality of any advice you received when selecting a host infrastructure

2.06 If AQUAEXCEL funding were not available, would you still have been able to carry out your work at this research infrastructure? Select

2.07 Please give the reasons for your answer:

## PROJECT IMPLEMENTATION

3.01 Give details of any issues arising in implementing the project such as difficulties encountered and/or how recommendations of the Selection Panel or Ethics Adviser were addressed:



**PROJECT OUTPUTS AND DISSEMINATION**

- 4.01 Have you completed a Knowledge Management Template (Knowledge Output Table)? Select

*If yes, please use the space below to add any new (updated information) if no, please provide the requested information below, or complete and submit a Knowledge Management Template and submit it with this form.*

- 4.02 Describe the outputs from your project giving references for any publications or conference presentations etc. Include outputs for the scientific community, industry and policy organizations etc.

- 4.03 Add information on any planned (but not yet delivered) outputs:

- 4.04 Describe the actions you have carried out to disseminate your project results to (a) the academic community, (b) industry and (c) government or wider civic society:

4.05 Describe any future actions you expect to take to disseminate your project results:

## PROJECT IMPACT (EXPLOITATION OF RESULTS)

5.01 Describe how the results of your project are being used, or how they are expected to be used in the future:

5.02 Comment on the main achievements of your project and whether these match original objectives:

## TNA EXPERIENCE

On a scale of 1 (poor) to 5 (excellent) how would you rate your experience of AQUAEXCEL Transnational Access with respect to the following criteria:

- |      |   |        |
|------|---|--------|
| 6.01 | Publicity provided by the AQUAEXCEL project   | Select |
| 6.02 | Publicity provided by the infrastructure  | Select |
| 6.03 | Practical information provided on how to apply for access   | Select |
| 6.04 | The Application and Selection Process:  | Select |
| 6.05 | Usefulness of feedback from Evaluators and/or Ethics Adviser:   | Select |
| 6.06 | Information provided, once your project was accepted, on how to use the facility  | Select |
| 6.07 | Quality and suitability of the facilities of the host institution:  | Select |
| 6.08 | Scientific support to set up your experiments and interpret the results   | Select |
| 6.09 | Technical support to make best use of the installation(s)   | Select |
| 6.10 | Logistic support at the facility (office space, computing, libraries, accommodation)  | Select |
| 6.11 | Administrative support (including the reimbursement of travel & subsistence expenses)   | Select |
| 6.12 | The intellectual environment  | Select |
| 6.13 | Overall rating of your experience of AQUAEXCEL TNA:   | Select |
| 6.14 | Please comment further on your scores, giving your recommendations for improvements in the future or any other comments not included elsewhere: |        |

**FUTURE COLLABORATION**

7.01 Do you expect to collaborate again with this Infrastructure/host organization in the future? Select

7.02 If yes, do you have specific plans? (Provide further details):

7.03 If yes, do you have funding? (Provide further details):

7.04 Please add any further comments on the potential for future collaboration with the host organization:

**OTHER COMMENTS**

8.01 Please provide any further comments or suggestions concerning your access to the research infrastructure or the AQUAEXCEL project in general:

**THANK YOU FOR YOUR FEEDBACK**

9.01 Have you completed the Commission evaluation questionnaire at: [http://cordis.europa.eu/fp7/capacities/questionnaire\\_en.html](http://cordis.europa.eu/fp7/capacities/questionnaire_en.html)? Select

If no, please do so as soon as your project is complete.

Return this form to the TNA Coordinator via the SUBMIT button. If that does not work, save the completed PDF form and e-mail it to [j.c.bostock@stir.ac.uk](mailto:j.c.bostock@stir.ac.uk).

**SUBMIT**

## **Appendix 5: Survey forms completed by TNA Providers (hosts)**

**PROJECT DETAILS**

- 1.01 AQUAEXCEL project reference number:
- 1.02 Project acronym:
- 1.03 Date this form completed:
- 1.04 Name of person completing this form:
- 1.05 E-mail address of person completing this form:
- 1.06 Role of person completing this form in respect of this project:
- 1.07 Version (use 01 for the first version and 02, 03 etc for subsequent versions):
- 1.08 Infrastructure/facility used:

**VISITOR INFORMATION:**

- 1.09 Lead researcher name:
- 1.10 Lead researcher organization:
- 1.11 Name(s) of any other people participating in the visit:
- 1.12 Date of project commencement:
- 1.13 Start date of first visit:
- 1.14 End date of last visit:
- 1.15 Explanation of number, type and duration of visits:

## PROJECT BENEFITS

- 2.01 Summarize any particular achievements, impacts or benefits of the project for your organization

## PROJECT IMPLEMENTATION

- 3.01 Summarize any issues arising in implementing the project such as difficulties encountered and/or how recommendations of the Selection Panel or Ethics Adviser were addressed:

**TNA EXPERIENCE**

On a scale of 1 (poor) to 5 (excellent) how would you rate your experience of AQUAEXCEL Transnational Access with respect to the following criteria:

4.01 Coordination of TNA applications and evaluations:

4.02 Usefulness of feedback from Evaluators and/or Ethics Adviser:

4.03 Attitude of users and ability to integrate with work practices of host institution:

4.04 Quality of communication with visiting researchers prior to the first visit:

4.05 Quality of work carried out by visiting researchers:

4.06 Overall rating of your experience of AQUAEXCEL TNA:

4.07 Comment further on your scores, giving your recommendations for improvements in the future or any other comments not included elsewhere:



## FUTURE COLLABORATION

5.01 Do you expect to collaborate again with this user in the future?

Select

5.02 If yes, please give further details

5.03 If yes, do you have funding and from what source?

5.04 Please add any further comments on the potential for future collaboration with the user:

## THANK YOU FOR YOUR FEEDBACK

Return this form to the TNA Coordinator via the following button. If that does not work, save the completed PDF form and e-mail it to [j.c.bostock@stir.ac.uk](mailto:j.c.bostock@stir.ac.uk).

**SUBMIT**

## **Appendix 6: Survey forms completed by members of the Selection Panel and Ethics Adviser**

## EVALUATOR DETAILS

1.1 Name of person completing this form:

1.2 Date this form completed:

1.3 E-mail address of person completing this form:

1.4 Role of person completing this form in respect of this project:

Select

1.5 Version (use 01 for the first version and 02, 03 etc for subsequent versions):

## EVALUATION PROCESS

2.1 Please comment on the evaluation and selection procedure for AQUAEXCEL TNA projects, highlighting any problems and making recommendations for improvement:

## EVALUATOR EXPERIENCE

On a scale of 1 (poor) to 5 (excellent) how would you rate your experience of evaluating AQUAEXCEL Transnational Access with respect to the following criteria:

- |     |  |                                     |
|-----|--|-------------------------------------|
| 3.1 | Adequacy of information on which to base the evaluation:       | <input type="text" value="Select"/> |
| 3.2 | Guidance and scoring system provided:                          | <input type="text" value="Select"/> |
| 3.3 | Administration of application reviews:                         | <input type="text" value="Select"/> |
| 3.4 | Communication between evaluators to reach selection decisions: | <input type="text" value="Select"/> |
| 3.5 | Management of workloads and timescales:                        | <input type="text" value="Select"/> |
| 3.6 | Overall rating of your experience of evaluating AQUAEXCEL TNA: | <input type="text" value="Select"/> |

- 3.7 Please add any further relevant comment on your scores, or any other comments not included previously:

## THANK YOU FOR YOUR FEEDBACK

Return this form to the TNA Coordinator via the following button. If that does not work, save the completed PDF form and e-mail it to [j.c.bostock@stir.ac.uk](mailto:j.c.bostock@stir.ac.uk).

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