GRANT N°: 871153
PROJECT ACRONYME : JERICO-S3
PROJECT NAME : Joint European Research Infrastructure for Coastal Observatories - Science, services, sustainability
COORDINATOR : Laurent DELAUNEY - Ifremer, France - jerico-s3@ifremer.fr

JERICO-S3 MILESTONE

Joint European Research Infrastructure network for Coastal Observatory
Science, Services, Sustainability

MS#, WP# and full title	JERICO-S3 MS44- WP8- 3rd Call for TA Applications
5 Key words	TA call 3 Transnational Access
Lead beneficiary	Marine Institute
Lead Author	Christine Loughlin
Co-authors	Paul Gaughan
Contributors	
Submission date	07/30/2022

→ **Please specify the type of milestone:**

- ❏ Report after a workshop or a meeting (TEMPLATE A)
- ❏ Report after a specific action (TEMPLATE B) (test, diagnostic, implementation,…)
- ■ Document (TEMPLATE B) (guidelines,...)
- ❏ Other (TEMPLATE B) (to specify) …….

Diffusion list			
Consortium beneficiaries	Third parties	Associated Partners	other

TABLE OF CONTENTS

1. Objectives

The third TA call is the third call for JERICO-S3 to facilitate researchers and research teams to access coastal infrastructures. Between June 2020 to January 2024, JERICO-S3 will offer more than 4,466 days of Transnational Access across 40+ different marine coastal observation facilities. The TA funding call will give researchers free of charge access to a wide array of marine research infrastructures located at 21 JERICO-RI partners across Europe.

2. Implementation process

The call was announced on 1st March to 3rd May 2022. The call was published to the JERICO-RI website as per the means of verification requirement along with a tweet from the JERICO-RI account. The press release for the third call is included in Annex A.

In the lead up to this call, blog posts and tweets were used to promote and raise awareness of the upcoming third call. To celebrate International Women and Girls in Science day on 8 February 2022, 3 women PI's in the TA programme were featured in blog posts. The aim was to promote women in science, encourage other women users to apply, and to announce in advance the upcoming springtime launch of the 3rd call. One blog post was published to introduce the Women in Science Day https://www.jerico-ri.eu/2022/02/10/jerico-ri-celebrating-women-in-science-empowering-women-leaders/ , with 3 subsequent posts on each woman PI describing their scientific background and the Jerico TA project they are leading. On 14 April 2022, a blog post on the JERICO-RI website was posted https://www.jerico-ri.eu/2022/04/14/jerico-ta-facility-highlight/ to highlight four facilities, especially those that were not used in the first & second call. This post was shared on the Twitter account too to increase the social media awareness of the third call.

At the close of the call, the submitted applications were reviewed by an internal JERICO-S3 panel with suggested revisions being sent to applicants for a re-submission. The final submitted applications were then reviewed by an external panel for scientific excellence and integrity (Table 1). The steering committee approved the projects for funding with the guidance of the external panel's comments. The successful applicants were informed and sent granting letters to start the contract process.

3. Main report

The internal review panel met on 12 May (Table 1 for brief overview, Annex B for meeting notes) to review the 12 submitted applications. The outcome from the meeting included comments to applicants for budget re-assessments or more clarity in certain fields of the application. The TA coordinator sent the comments to the applicants should they wish to resubmit a revised application to be reviewed by the external panel.

The external panel evaluated the 12 final submissions of applications on 31 May (Table 1 for brief overview, Annex C for meeting notes). They recommended 9 applications with no further clarifications. 3 projects were asked to provide additional information to specific questions presented by the panel. These applicants were notified and asked to submit their clarifications within a week deadline to be considered for funding. A follow up Google Doc was created for the outstanding three applications, where their comments were uploaded for the 4 reviewers approval. All three were

recommended for funding after the panel reviewed the additional information provided. The Steering Committee provided the final approval for the 12 applications.

For the 12 approved projects, 10 host facilities were applied for with the main type of facilities selected being gliders and fixed platforms (Figure 1). Three projects use 2 facility types from the same host facility: 2 use a supporting facility and ferrybox, 1 uses cabled observatory and a fixed platform. As part of the TA program, applicants requested Travel and Subsistence for aid in travelling to the host facility location to complete their experiment. The estimated average T&S per project was 5900EUR.

Three project applications included collaborations with other RIs: AQUACOSM and EuroFleets. These RI-RI collaborations are encouraged by JERICO-RI for unique project studies and to create strong networks with other EU RI's.

This call showed good diversity in user countries where the country represents the PI home institution country (Table 2).There was little repetition in user countries, with only 2 users each applying from Italy and USA. In previous calls, user countries saw more repetition from the same countries. This call received two applications from users based in the United States, strengthening connections outside the EU.

In summary, this third call was successful in establishing and strengthening RI-RI collaborations and in facilitating infrastructure access for a diverse user group.

Table 1: the table outlines the two meetings for the application review process.

Name	Date	Location	Description and Purpose	Partners attending
Third TA Internal Evaluation panel Review	12 May 2022	Virtual	Internal review of Third call submissions	Paul Gaughan (Marine Institute, JERICO-S3 WP8/TA Coordinator), Christine Loughlin (Marine Institute, JERICO S3 WP8/TA Coordinator) Lea Godiveau (Ifremer - Jerico S3 Co-ordination) Laurent Delauney (Ifremer) Melanie Juza (SOCIB) Jukka Seppälä (SYKE) Laurent Coppolla (CNRS) - absent from meeting, sent review notes to TA coordinator
Third TA Call External Panel Review	31 May 2022	Virtual	Consensus meeting where reviewers discussed their reviews of the TA projects and agreed a consensus score	Janet Newton (University of Washington) Henry Ruhl (CENCOOS) Central and Northern California Ocean Observing System, Clarissa Anderson, Ph.D. (SCCOOS) Southern California Coastal Ocean Observing System , Rogerio Chumbinho (BlueWise Marine)

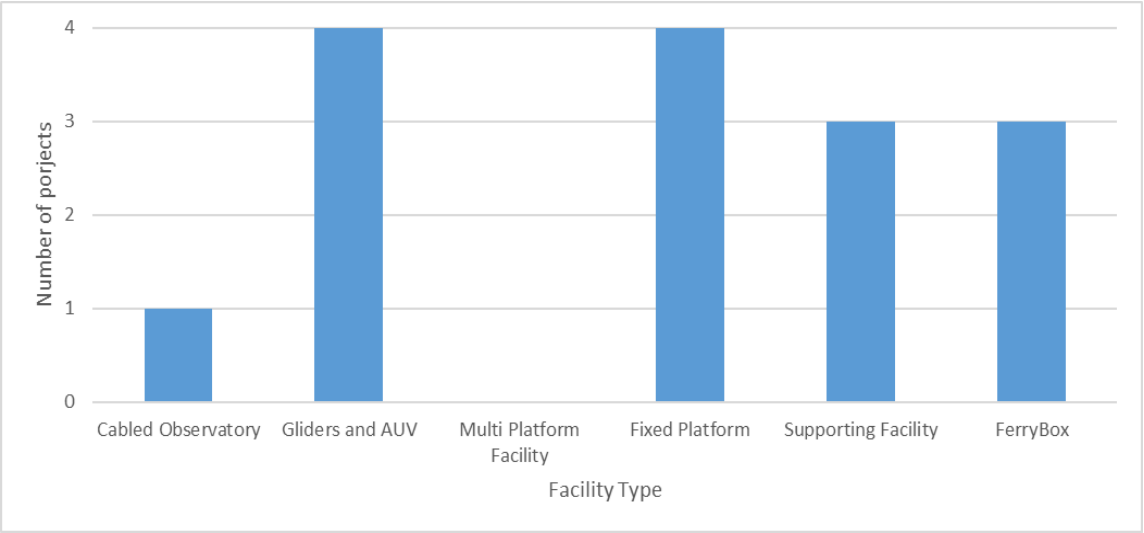

Figure 1: The number of projects using each facility type offered by JERICO-RI.

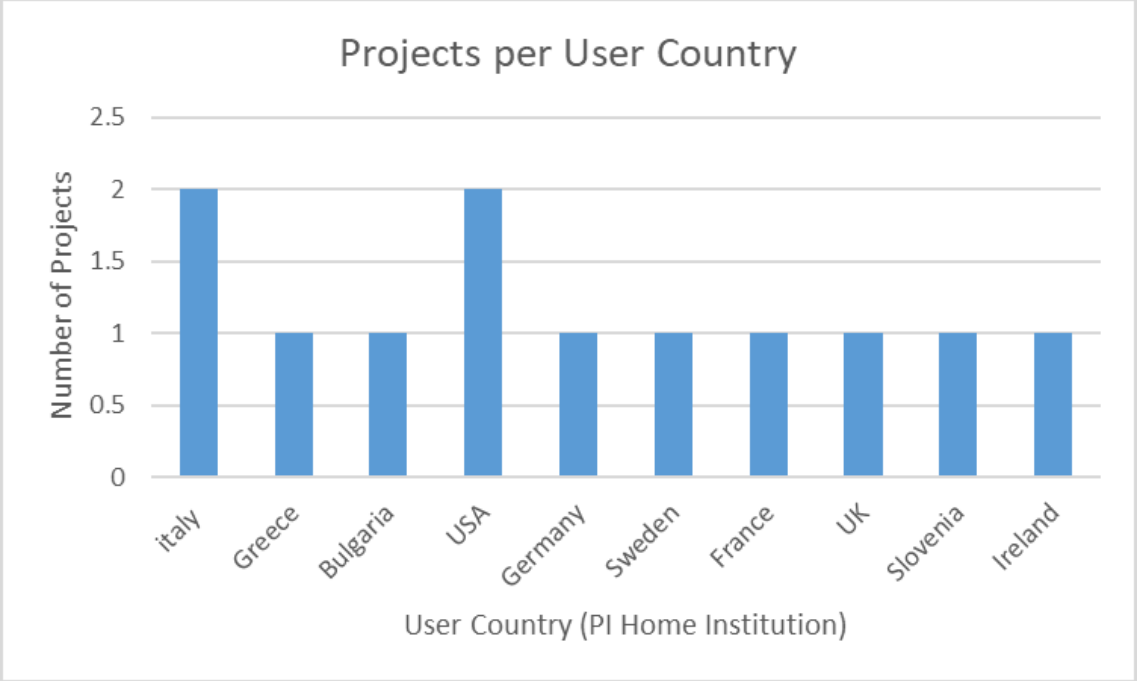

Figure 2: The number of projects per applying user country, where the country indicates the country of the PI's home institution.

4. Conclusion

The third TA call successfully approved 12 projects with contracts now in the process of signing. Once contracts are finalised, the accepted project summaries will be published to the third call page on the JERICO-RI website. The proposals recognised COVID-19 as a risk to their project work plan with many projects having a contingency plan if travel was impeded. This call sees projects utilising facilities in the baltic sea and further developing RI-RI interactions.

4.1. Annexes and references

Annex A

********Jerico S3 Transnational Access call Press Release*****

The JERICO-S3 Research Infrastructure would like to announce the opening of the 3rd call for the Transnational Access (TA) funding program.

Transnational Access provides free of charge access to high-quality infrastructures and support services at unique multi-disciplinary facilities consisting of a range of gliders, fixed platforms, ferryboxes, cabled observatories, HF radar, benthic stations, and bio-sensors. Applicants will be able to apply for a travel grant for the purpose of visiting the host facility for conducting their experiment.

The call will be open from 1st March to 3rd May 2022. Please note, all proposed projects must be scheduled to complete the experiment with the final report submitted by September 2023.

Successful applicants will be facilitated in conducting first-class experiments on one or more of the multi-disciplinary coastal observing systems thus maximising impact for science, environmental managers, industries and other relevant stakeholders. Users will have access to the best available equipment and knowledgeable personnel at each of the facilities to enable improved research outputs and scientific excellence. JERICO-S3 TA supports a diverse international user group and proudly supported the International Women in Science Day this February by highlighting 3 women Principal Investigators and the TA projects that they lead. We welcome all project user groups including those from non-EU countries subject to the terms and conditions outlined in the guidance notes.

In this third call, JERICO-S3 encourages projects between JERICO-S3 Research Infrastructures and AQUACOSM-plus TA. As a specific action, JERICO-S3 and AQUACOSM-plus study jointly how extreme events affect plankton ecosystem, by applying both observations on natural communities and by experimentation at selected sites (Cretan Sea, North-West Mediterranean and Baltic Sea). Currently, AQUACOSM-plus TA has an open call for SYKE MRC lab project which would facilitate a unique RI-RI collaboration.

More than 4400 days of Transnational Access is offered between June 2020-January 2024 to 43 integrated marine coastal observation infrastructures located at 21 JERICO-RI partners throughout Europe. Detailed information about each JERICO-RI facility, technical design and available resources etc. can be found here. The previous two successful TA calls have seen 30 projects accepted for funding to date. TA summaries for projects from the first and second calls are available to view

with many of the projects at various stages of completion or in the final stages of the contracts.

We strongly encourage all TA applicants to contact the respective facility providers as early as possible in the proposal process about possible usage of facilities and cooperation at the infrastructures. Please ensure that the objectives and aims of the call are fully addressed before submitting a proposal for Transnational Access. The TA application form and Guidelines can be found online.

This is a unique opportunity for scientists and engineers to avail of high-quality, interlinked instrumented infrastructures operating in coastal and shelf-sea areas for conducting research and/or testing activities.

Contact JERICO.TA (at) marine.ie /jerico.ta@marine.ie for more details.

**********Ends**********

Picture of the PLOCAN platform, credit PLOCAN.

TWEET:

The 3rd #JericoTA call is open today and applications will be accepted until 3rd May 2022. Free of charge access to one or more multi-disciplinary infrastructures are on offer.

Please find the application form and guidance notes here

https://www.jerico-ri.eu/ta/call-program/third-call/.

Annex B.

MEETING NAME	WP8 TA Internal Review
MEETING DATE	**12 May 2022**
CONNECTION PARAMETERS	

ATTENDEES LIST (NB: signed paper attendees list compulsory for physical meetings)

Paul Gaughan (Marine Institute, JERICO-S3 WP8/TA Coordinator),

Christine Loughlin (Marine Institute, JERICO S3 WP8/TA Coordinator)
Lea Godiveau (Ifremer - Jerico S3 Co-Ordination)
Laurent Delauney (Ifremer)

Melanie Juza (SOCIB)
Jukka Seppälä (SYKE)
Laurent Coppolla (CNRS) - absent from meeting, sent review notes to TA coordinator

Luis Felipe Artigas (ULCO)- absent

AGENDA - TALKING POINTS

#	Time	Description	LINK TO DOC(s)	Speaker
		Intro Welcome		
		Review of submitted applications		

SUMMARY OF ACTIONS (for report)

ACTION	LEAD	Deadline	REFERENCE, DOCS, LINKS?
itact applicants with comments for revisions before passing to external panel Sent emails on 13 may		May 2022	
TA coordination team to review budget with estimation of 3rd call access days		27 May 2022	

MINUTES AND NOTES

FOR ALL APPLICATIONS: RISK THAT THE PROJECT WILL NOT FINISH IN TIME ALLOWED. MUST BE FINISHED BY SEPT 2023.

- Ifremer closes for budgeting in NOV to JAN 2023.

Final report must be in LATEST by end of OCT 2023. Cannot guarantee payment if later as ifremer will close for financial reporting

- Let projects over 6k know that Jerico may only be able to support up to 6k but not over. May need to find other funding (jukka- can they reallocate Finland's travel funding to support project)

Email to all applicants:

All proposals in this 3rd call must be mindful that, should the application be successful, the experimental portion of the project is to be completed by *no later than* **September 2023** and a final report is to be *submitted to TA Coordinator no later than* **30 October 2023**. If the report is sent any later than this then there is a risk of not being refunded as IFREMER closes for financial reporting in NOVEMBER 2023. Please note that the final report will require provisional results (not necessary for fully interpreted results) and a location where the data is made public (all data is ideal, partial or metadata at the least). A risk of delays to project start times and projects not being able to be finished must be noted if estimated end date is close to September 2023.

For projects over €6000:

At this stage, please note that we cannot guarantee the amount above €6000 will be funded until it has passed the Jerico Steering Committee's approval. We will do all we can to fund as much as the requested amount as possible over the €6000 or work with user members in determining funding allocations; however, this may pose a risk to the project's likelihood for acceptance. Please review your budget if possible and where necessary elaborate on the need for a higher budget request.

Applicants will receive feedback based on comments and must resubmit any changes by 20th may 2022 for the external review.

Submission No.	Project title	Acronym	Comments from internal review
4049	Algerian Basin Circulation Unmanned Survey 2023	ABACUS 2023	The T+S cost seems high, re-evaluate (Strong positive is connection with Algeria)

4050	Baltic Sea Heat Waves: Observation and Experimentation	BalHObEx	The T+S Cost is over 6k (Jukka: helsinki is an expensive place; mesocosm means they must be there in person) Risk- project may not go ahead if the cost cannot be supported Melanie- project is interesting and not expensive when comparing to the use of infrastructure.
4051	Capacity Building for Autonomous Biogeochemical Sensing in the Southwest Black Sea	CABS	Please Double check T&S calculations; over 6k (I'll calc and ask for them to ammend budget) Calibration of instruments isn't part of T&S, this budget of 2k should be within the other funding pot for the host facility – please check this with host facility. -good project for training and collaboration - in the publication list- Macovei publication is by Hereon not by user group. Hereon should not be in the user group described in "Expertise of the user group"

4052	Field expeRiments for modEling, aSsimilatioN and adaptive sampLing	FRESNEL	Data will be collected by oct 2023 but report needs to be finished by sept 2023 Need requested access time in section 3 Risk: collision of argo float with ships. Location of deployment poses a risk from shipping lines, risk of damage to argo float in transport Seeding industry links is weak Positive: international collab, new user and facility, good beginning of project to lead onto other projects
4053	Frontal dynamics influencing Primary Production: Carbon Export Experiment	FRIPP-CEE	Only potential risk is timeline, if any issues with June 2023 could potentially run risk of not completing project in time Remind marks are given for the industry seeding links section Risk?: Would it make the app stronger if there were more collaborators: risk to be on own

4054	Use of FMI glider during the EMB-cruise GER - FIN -GER 2023/07	GliderBloom	Risk of the JULY 2023 start time (Jukka- if there's a delay for tech reasons, the project is cancelled b/c of cynobacteria blooms only in june/july) industry links weak
4055	Glider Cooperation Mission in Eastern Gotland Basin	GOOM	Jukka- T&S budget may be too high Fast track: Aug 2022 start
4056	Integrated Multilevel Active Passive Ocean Current Education Advancement Network	IMAPOCEAN	User group- remove Conall Amend dates in section 3 Convert costs to EUR and make a total budget Laurent C: interest in Jerico as American user? Lea- nice to see an extension from EMSO link and HCMR, citizen science is good link

4057	Bridge between OBServation and EXPerimentation communities of JERICO and AQUACOSM	OBS-EXP-Bridge	Cost! Elaborate on the need for all 5 people to be there for 16 days. Make this section stronger as cost is very high. Are there too many in person participants ? Fast track: CNRS need to be ready to finalise contracts ASAP with ifremer for aug 2022 start Positive: aquacosom collab; 3 projects at similar time at mesocosm, good collabs and all linked
4058	ANB Sensors OC range: Low temperature and low salinity	OC300-LTLSal	Slightly over cost Please clarify anticipated start/completion date: Jukka: can come anytime after SEPT 2022

4059	Po delta to Gulf of Trieste: Microbiological connectivity study and field testing of a Video-CTD probe prototype	PoGo	Calibration of instruments should be allocated to a different budget not T&S T&S budget- make a final total budget with the cal cost removed and final budget and costs calculated AC cost facility is able to buy consumable. Will need to remove from T&S budget as host facility will claim this. Ask for clarification for doing calibration at **OGS**, it is not covered under the T&S . Would CNR contract out calibration?? Clarify that the start time is sept 2022
4060	Simulating an automated environmental DNA sampler/analyser for in situ metabarcoding	SEASAM	Double check contact email for Maddelena Cost: better breakdown/ detail on costs, budget is high for one person. This should be covered under actual costs for TA programme using invoices End time: report must be in by Sept/Oct. No later than end of oct

Annex C.

MEETING NAME	**WP8 TA Internal Review**
MEETING DATE	**31 May 2022**
CONNECTION PARAMETERS	

ATTENDEES LIST (NB: signed paper attendees list compulsory for physical meetings)

Paul Gaughan (Marine Institute, JERICO-S3 WP8/TA Coordinator),
Christine Loughlin (Marine Institute, JERICO S3 WP8/TA Coordinator)
Janet Newton
Henry Ruhl
Rogerio Chumbinho
Clarissa Anderson
Steve Hall- not present, out sick

AGENDA - TALKING POINTS

#	*Time*	*Description*	*LINK TO DOC(s)*	*Speaker*
		Intro Welcome		
		Review of submitted applications		

SUMMARY OF ACTIONS (for report)

ACTION	LEAD	Deadline	REFERENCE, DOCS, LINKS?
Compile consensus review sheet to	CL	1 June 2022	

send internally			
Send clarification emails to 3 applicants reviewers require more info from	CL	1 June 2022	
Email consensus review sheet and meeting update to Ifremer	PG	1 June 2022	

MINUTES AND NOTES

Panel concerns: marking should be looked at (10 straight away for industry and EU questions if explained well). The weight of the scores should be reconsidered. If the science is not well explained but industry is then they can still pass...?

When we receive clarifications- send on to the reviewers for second round of revision. Not needed for meeting but can be done over emails. They can determine if their concerns are not addressed enough

Contact tomorrow the users. Hope to have clarifications in a few weeks. Send responses to panel. Then see if they are accepted from panel

Submission No.	**Project title**	**Acronym**	**Comments from external review**	**Score; (y/n)**
4049	Algerian Basin Circulation Unmanned Survey 2023	ABACUS 2023	H: (20) R: risk management is poor and seeding links (19) if this is a competitive call- this should be noted that it may not be prioritised S:	Provisional 19.5

4050	Baltic Sea Heat Waves: Observation and Experimentation	BalHObEx	J: New users, female users (25) C: Confused on how the FB will be used. How the heatwave will be used?Seeding links (20) H: Biggest risk is sometimes projects with mesocosoms work and sometimes they dont (20) R: High marks for user groups/ technical . Quality for work plan is low and seeding links. No plan B for what happens if heatwave isn't caught on time (18)	20.75; 21

4051	Capacity Building for Autonomous Biogeochemical Sensing in the Southwest Black Sea	CABS	J: Bulgarian & first time user, woman (good diversity). Scientific relevance is articulated well. Not sure of what measurements they're making/ how they're using the instruments. Needs more explanation for seeding links/ european (19) H: FB vague on industry (19) C: very confusing on what exactly they were doing with the sensors. Benefits for using autonomous monitoring using FB (20) S:	19

4052	Field expeRiments for modEling, aSsimilatioN and adaptive sampLing	FRESNEL	J: odd for one user, but describes alot of connections to other groups.no criticism on science plan and general, project. High on EU relevance. Less familiar with a project like this so may have scored lower (20) H: team and scientific value is high. Rest is low- wants more info on how the data will be used. No specific links to industry and EU relevance. Strongest point is the tech they're using and how they are using it (18) C: (may be bias, knows ajit) he will be adding one more layer to operational forecasting. Interesting location (portugal). Thinks theres more to industry and that ajit seems to be aware of this. Did not indicate what biomechanical model he was working on (23) S:	20.3

4053	Frontal dynamics influencing Primary Production: Carbon Export Experiment	FRIPP-CEE	R: high marks on scientific team and components, relevance for EU community is high. Quality of work plan nis not detailed enough and risk management isn't strong enough. Low links with industry (generaly ideas and no specifics. This proposal states there are no gliders in italy when ABACUS says there are (18) C: carbon export seems relevant and interesting. Confusing writing (what time for the bloom?), work plan is confusing on logistics, contingencies don't include lessons learned or what happens if these problems are encountered again. Low on industries (18) J: confused about what the issue was from the last project (host facility didn't do the work??), low on industry and EU were not convincing enough. Good science (17) S:	17.67

4054	Use of FMI glider during the EMB-cruise GER - FIN -GER 2023/07	GliderBloom	H: linking cruise work and a glider with particle sensors. Good biogeochem can come out of this. Good science and work plan. Links with industry/ EU are vague and not the strongest links, but fisheries links are good. Technology is compelling (18) C: Good science and interesting on algal bloom. Thinks theres strong links to industry wand fisheries connection was strong. Science will be good for community. (23) J: impressed with this proposal. Science is great, strong Industry/ EU relevance as they had a good case for sustainable blue growth- strong. Made a good case that small areas like baltic needs EU connections (23) S:	21.33

4055	Glider Cooperation Mission in Eastern Gotland Basin	GOOM	H: weakest proposal. Physics and circulation, can see the value for it to resolve features. Work plan is detailed with glider mission path. Weakest industry and EU section. Issue: what happens when they get a perfect answer?? No info on what happens after (16) R: low on science components compared to other projects. No summary of expertise on second team member (a woman). Low on EU. No mention for public/ open access data. Short comings on risk plan – start where (location) based on obtaining consent for permission from international waters. *Did provide optionis one and two but did not note about gathering consents (should be clearer. Will the be done by provider or user)* (18) S:	Provisional: 17

4056	Integrated Multilevel Active Passive Ocean Current Education Advancement Network	IMAPOCEAN	J: education aspect is strong and nice to combine with science. Science side is a bit weak. Project about currents/ waves but says it will be good to replace CTDs (???). Called out Argo Floats being interested in the current profilers to get better idea of how their floats drift (red flag, questionable) (17) H: industry and Eu is better than the science aspect in this. Scientific components are low (19) R: projects from a company as its industry lead. Scientific holes, but viewed this from an industry forward side. Nice to see project was in greece and now going to ireland, good for validation of product. High for industry links, low for science. Well developed citizenscience aspect, confusing workplan. How will they use the observatory? (20) C: very low score. Has low confidence this will be successful in current	~~17.8~~ 15 overall with clarifications (may be good to provide feedback to this user. Maybe indicate that funding is contigent upon them acting on the feedback) can ask them to respond from the

			measurements. No strong sense in technical background. Students building the insutruments-where's quality control?? Red flags about internal waves shows the user doesn't have strong scientific background. Large statements-overselling. (15) Overall consensus: if this was a competitive call this may need more of a discussion/ clarifications. j: need more info on work plan, how they will use the data. R: deploy the current meters near obs and validate the data by using the obs. Need to do it for a long time to cover long time frame. Will deploy drifters made by students. Science aspect is very questionable. Doesn't understand how the tilt meter will measure waves. Lenient to small companies for validating instruments in a big company market. Happy to let score show there are major short comings in science but overall would like to see the project funded.	

			C: would like more info on the instruments. How are they made, how have they performed in the past J: better articulation on what they will measure, how to assess the performane, how to use the data collected to prove what they said in the proposal (CTDs?? (meant ADCP), internal waves??). Do they know the measurements they are doing for technical calibration R: happy to have a lower score after discussions. Agree for more clarifications	

4057	Bridge between OBServation and EXPerimentation communities of JERICO and AQUACOSM	OBS-EXP-Bridge	C: missed the mark on explaining how to use the heat wave coupled with FB. Big team with loads of expertise. T&S high and problematic, would like more detail on why all members are needed. Industry low. Poorly articulated science. How can they make the stretch to aquaculture management (15) R: scientific value is excellent. Science came across as sound. Can see EU relevance if project is successful with valid results to community. Low on work plan and industry. Risk: absence of heatwave could make the data unattainable (21) J: strong team and varied. High cost is problematic, is the cost justified. Still not enough explanation on why all 5 members are needed. Work plan is not well articulated. EU relevance is good and well explained (20) S:	~~18.6~~ 17 Clarification: work plan and how they will use the instrument measurements on what they are looking to do. And more details on the science. More explanation on large member group to attend

			Discussion: C: feels like a 17 score. How to use lamps and low cost sensors to understand what they are looking for. First MESOCOSOM was much better written and this team was not clear. J: felt the science may be something she didn't understand C: what long term dataset when they talked about short term dataset. PG: clarify we are interested in aquacosom RI interaction. T&S has been in talks and it is heavy in user member needing to be present but not well explained in proposal. R: happy to lower score after listening to concerns. Happy with a 17 and more clarification	

4058	ANB Sensors OC range: Low temperature and low salinity	OC300-LTLSal	H: R&D test sensors, need is high for more versitile and less expensive sensors. Links to EU is strong. Concerned that theres been previous awards and only cited a 2019 workshop presentation with Jerico (what about the other project results?). Patent outputs which is good. (20) (CL: explained where the other two projects are and happier to hear the updates on why no outputs since 2019. Relieves some concerns. Happy for lower score to outweigh some of C bias) C: very impressed with nathan lawrence and knows the labs. Thinks they're cutting edge for the way they test pH and wants to support the work. Jerico a good platform to provide testing for this and to extend it into brackish water testing. Using past lessons to keep validating sensors. Some concern on the 2019 past citation. Academic community is not able to take this up and good description for need on this (25)	22.7

			R: agree with all the above comments. User group not described well for second team member for background. EU relevance gave a 4- usually these results are only for interest of the company and not usually released for the public (23) S:	

4059	Po delta to Gulf of Trieste: Microbiological connectivity study and field testing of a Video-CTD probe prototype	PoGo	C: nice to see a slovenian PI. Publications were not too strong. Not too sure on the camera system (not her expertise). How do the pieces fit together to answer questions on microbiology? Was not explained enough for her. Industry links was good with companies listed. EU- slovenian connection is good. Science plan was confusing so gave lower scores to reflect this (17) R: team would be nice to have a more detailed description and with other members included. Scientific value is well explained. Work plan could be better but not as bas as some other. Good links with industry. EU: good development with EU. General remark: interesting project and could use some more explaination but overall good proposal (20) H: good concept. Issue would be with video-strength: very useful for using thevideo Weakness: no indication on how to prove that. How to use the data and analyse it. Large	18.3 Clarification Specific question on: How to analyse the footage and what they are looking for?

			concerns on how it can be useful and how they will sort through the data and analysing (17) J: science and work plans were lower. Good team and slovenian connection. Didn't understand purpose of the video- what are they looking at? (marine snow, fish??). Work plan was not explained well to back this up. Good value in proposal but didn't understand science aspect (19) J: the high score is relevant but there is a specific question on the video camera use that is needed to be answer before funding H: Specific question on How to analyse the footage and what they are looking for	

4060	Simulating an automated environmental DNA sampler/analyser for in situ metabarcoding	SEASAM	H: manual collection. Image data that goes with it- can pair the information gathered. Early career element here which is nice. Science application is clear. Good methodology that has been used before. EU relevance particularly strong. Light description on image processing and on eDNA but rapidly changing space on eDNA provides some concern here (20) R: agree with H, team is strong and sceientific value is high. Manual and sensor for eDNA to provide comparison results. Not clear on how they will match the images- how to analyse for what they are looking for. EU very high. Industry is low and general (21) S:	21.5