



Development and demonstration of an automated, modular and environmentally friendly multi-functional platform for open sea farm installations of the Blue Growth Industry

D10.8 – Dissemination and Communication Plan, final issue

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LIST OF ACRONYMS AND ABBREVIATIONS

EC	European Commission
GA	Grant Agreement
BGF	Blue Growth Farm

APPLICABLE DOCUMENTS

[AD1] European Commission, Directorate-General for Research & Innovation, Grant Agreement Number 774426 The Blue Growth Farm (GA-2018-774426), 2018.

[AD2] Technical Annex I to the Grant Agreement Number 774426: “Description of Work”, April 2018, Part A and Part B.

1. INTRODUCTION

The present report has been produced as the result of the Sub-Task 10.1.1: Communication (WP10) and of the Sub-Task 10.1.2.: Dissemination towards relevant stakeholders and the scientific community (WP10) of the Blue Growth Farm contract [AD2]. The present document constitutes the Deliverable n. D10.8. Its main objective is to organize all the activities to be performed in order to promote the dissemination and the awareness of the BGF project, taking care of the protection needs of sensitive data from the project partners.

In particular, the plan summarizes the Consortium's strategy, focusing on:

- Communication activities, aimed at raising the awareness about the project and promoting the action to target audiences, including the media and the general public.
- Dissemination activities, aimed at raising interest among stakeholders and pursuing dissemination of the benefits provided by the innovative technologies proposed in the project toward potential target end-users/adapters.

The main focus of all communication and dissemination activities within the BGF project will be to increase the economic impact of the innovation actions undertaken within the BGF project by facilitating the spread of developed technologies/products/services through market and non-market-channels, towards new customers, countries, regions, sectors, markets and organizations. In particular, it is specific objective of the WP10 to increase the economic impact of the BGF project innovation actions by facilitating the spread of the developed technologies and services, through market and non-market-channels, towards new customers, regions, sectors, markets by:

- monitoring the development of technologies as they pass through the different technology readiness levels of the innovation value chain;
- setting plans for the dissemination and exploitation activities that will create awareness about the project's results and encourage involvement to stakeholders and support the securing of the quality of the results, as well as prepare the market up-take of the developed technology using business-oriented commercialization plans;
- disseminating the results of the research and development to a wide audience, and to fully exploit the results of the project. This will include participation in events that will reach the scientific community, especially the final conference and the production of high-quality documentation and dissemination material, project website, newsletters, leaflets and posters.

2. OBJECTIVES & STAKEHOLDER TARGET GROUPS

2.1 Communication and dissemination objectives

There are no commercial offshore multi-purpose farms combining aquaculture and renewable energy production systems yet, but prototypes have already been tested at sea, even if very few are designed for fully open sea conditions, where sea state conditions may frequently prevent normal access to the farm as currently expected in aquaculture management. Recent progression of aquaculture has been such that incremental movement offshore proceeds as structures are gradually improved in design, strengthened, tested and proven, and as operating systems and procedures are developed. The Blue Growth Farm project mission is to i) produce in-depth design of the fully integrated multipurpose offshore platform, hosting aquaculture and wind & wave energy production, as well as external services to shipping; ii) demonstrate survival capabilities to harsh environment by means of a dedicated experimental campaign on a scaled physical prototype, iii) identify the appropriate solutions to reduce the environmental impact of the proposed multipurpose platform, for suitable installation in selected areas, as well as to produce new knowledge through environmental modelling and monitoring planning, iv) carry out concerted workshops and outline guidelines to support technical and social acceptance of the proposed infrastructure, on the basis of a clear understanding of risks and advantages.

Communication and dissemination activities play a fundamental role in enhancing the commercial potential of BGF technological solutions and replication. The Dissemination and Communication plan then aims at maximizing the exploitability of the BGF results by:

- increasing the awareness of BGF project and its results;
- providing up-to-date information about the project;
- promoting the project to media and the general public;
- creating visibility within the targeted stakeholders' communities;
- sharing the technical results of BGF technical solutions;
- attracting and involving relevant stakeholders.

2.2 Stakeholder target groups

Activities will target a wide range of stakeholders which can be divided into four groups, all part of the quadruple helix:

- The helix "**civil society**" which consists of the general public, international organizations, NGO's etc..
Interest: *developed concepts and their replicability in offshore sea sites, high potential for sustainable combined fish and energy harvesting.*
Message: *High level, more focusing on overall concepts than individual technologies.*
- The helix "**Business**", which consists of possible operators of the BGF integrated platform concept, users of the conceived technologies and/or engineering capabilities and / or developers of similar, competing technologies.
Interest: *Possible uptake of developed system design and related integrated technologies.*
Message: *in depth on BGF system and technologies and their business cases.*
- The helix "**Government**", consisting of local, regional, national and European governments and associated institutions.

Interest: Sustainable combined fish and energy harvesting to increase future food security with power supply by renewable resources.

Message: High level, focusing on compliance on framework directives and social aspects.

- The helix “Knowledge” consisting of research institutions and research consortia.

Interest: Scientific results on PESTEL research.

Message: in depth on specific research topics.

A list of possible dissemination targets per helix can be found in ANNEX 1.

3. COMMUNICATION

This Paragraph provides an overview of the communication strategy and general approach, followed by an overview of the different Communication Tools and its use.

Communication activities will facilitate the spread of developed engineering solutions / technologies / products / services.

Communication activities in general will be aimed at:

- A. promoting the project to various audiences, including groups beyond the project's internal communities to wider quadruple helix audiences, comprising the media and the general public,
- B. raising awareness on the addressed topics and findings.

Communication activities will especially be aimed at:

1. creating a brand visual identity and public image;
2. providing up-to-date information about the project;
3. sustaining the diffusion of results to the general public;
4. translating the scientific/technical results into messages for public outreach, comprehensible also by the non-technical general public resulting in formalized support for the uptake of developed technologies.

3.1 Brand Identity and Logo

In order to make the project stand out and to build a solid and long-lasting visual identity such to be easily recognized by potential stakeholders, a suitable project brand identity has been developed (Figure 1) since the project start.

The Blue Growth Farm website is consistent with the project's brand identity, and it is developed using the same colour palette of the project logo. The BGF logo has been registered at EUIPO in 21/10/2021 with n.18494624.



Figure 1. The Blue Growth Farm logo – BGF Trademark

The project logo has been designed in three different shades of blue, whose colour codes are #009CA5, #00768D and #88CDD2, in order to represent the different colours of the sea as the open sea is the place where the project's innovative technologies will be deployed.

Moreover, the logo graphically represents the two main elements that will constitute the project's multi-functional platform for open sea farm installations of the Blue Growth Industry:

- **Renewable energy production:** graphically represented through the wind turbines and the wave energy turbine rotor
- **Aquaculture:** the central part of the logo is the graphic representation of the central protected pool that will host an automated aquaculture system, capable of producing high quality fish.

Finally, a project's payoff ("Empowering Offshore Aquaculture") has been defined.

A non-exhaustive list of opportunities where the project logo has been used is in the following:

- Project website.
- All documents developed within the framework of the project and in particular in documents to be submitted to the EC such as deliverables, agendas and minutes of meetings etc.
- PowerPoint presentations used for communication and dissemination activities carried out by each Participant.
- All the dissemination materials.
- Posters.
- Equipment developed with the BGF project.

In all communication expressions, the following aspects are required:

- BGF logo;
- EU logo;
- The Text: "This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 774426".

3.2 Common documents format

A specific format for the project deliverables, presentations as well as for the official documentation and other dissemination materials was defined in order to maintain coherence among the partners during their interaction with the public. Also in this case, an established and well-organized format allows the public to recognize the project immediately. The common formats have been developed starting from the project logo and the colours selected for the project.

In particular, in order to facilitate document preparation, the following templates uploaded on the private project repository of the BGF website:

- Contractual Deliverables template (Figure 2).
- Minutes of Meeting template (Figure 2).
- Presentation template (Figure 3).

Figure 2. The Blue Growth Farm format templates for Contractual Deliverables and Minutes of Meeting

Figure 3. The Blue Growth Farm ppt format template for presentations

The image shows a presentation slide layout. The top section is a teal header with the text 'Event title and venue' and 'Event date' on the left, and the 'theBlueGrowthfarm' logo on the right. The logo features a stylized blue wave with a white fish and a wind turbine. Below the header, the slide is split into two vertical panels. The left panel has a teal background with a white wavy line and a school of fish. The right panel has a light blue background with a white wavy line and a school of fish. The text 'Presentation topic n.1' is centered on the right panel. At the bottom, a white footer contains the text 'This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement number 774426' and the European Union flag logo.

Current presentation slide



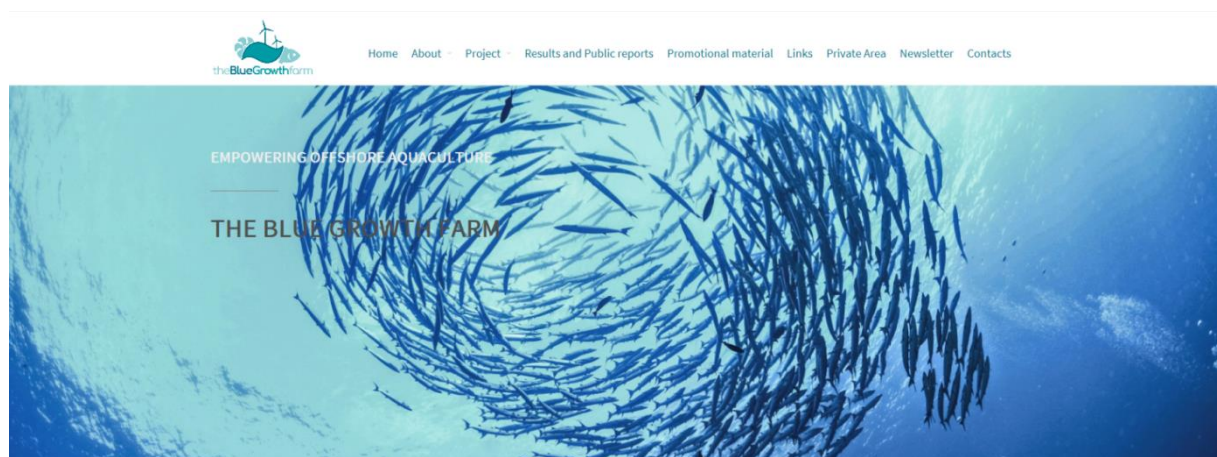
Figure 4. The Blue Growth Farm ppt format template for presentations to external dissemination and communication events

3.3 Communication tool kit

A communication tool kit was developed to facilitate the raising of awareness of the project by the direct implementation of each single element of the conceived kit. The present Paragraph describes all different communication tools and its use.

3.3.1 BGF Website

The BGF website was launched and the domain is: <http://www.thebluegrowthfarm.eu/> (Figure 5). The website is a source of information about the project with the latest news and developments. Downloads of project brochures, newsletters and published project document are promoted and facilitated. The website is used primarily for communication and information purposes, but it also represents a starting point for acquiring interest of dissemination targets. More specific details on the BGF website are included in the project deliverable D10.1 The Blue Growth Farm Website Report [S-R1].



FIND OUT MORE ABOUT THE PROJECT

Figure 5. The Blue Growth Farm home page

3.3.2 Social Media

RINA-C will manage the social media channels of the BGF project, with the support of Fincosit, SAGRO and all other contributing partners.

Contents of the editorial plan to be shared on social media are:

- Project's consortium presentation;
- Infographics about the multipurpose offshore platform;
- Information about benefits and expected impacts of the project;
- Project meetings and other events;
- Information about work in progress on the experimental prototypes;
- Interviews to technical experts about BGF innovative solutions
- Technical information about the project.

RINA-C will coordinate partners' editorial needs and ensure that information provided is:

- regularly up-to-dated;
- customized according to target audiences;
- customized according to social media's features and languages;
- updated with project deliverables and milestones;
- updated with project meetings and events.

After a careful analysis, the social media Twitter and LinkedIn were identified as the most effective to promote BGF. A YouTube account was also added to promote project videos.

Social media icons have been strategically highlighted both in the project website's footer and on the right column of all website pages (Figure 6).

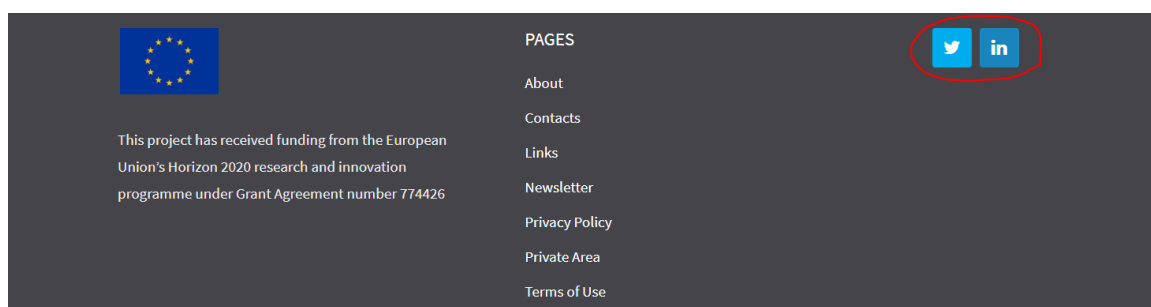


Figure 6. Allocation of BGF social media icons in the BGF website

3.3.2.1 Twitter

Twitter is a conversation-based social media and 47% of marketers agree that Twitter is the best social media channel for customer engagement (source: <https://sproutsocial.com/insights/social-media-statistics/>). A Twitter account (<https://twitter.com/theblugrowthfarm>) was therefore created to inform

and interact with the different target groups and stakeholders, promoting online conversation and debates around the project. All newsworthy messages and customized contents has been posted on Twitter (Figure 7). Moreover, to achieve the highest rate of social engagement possible, strategic hashtags have been carefully identified and included in BGF's tweets (#H2020, #offshore multipurpose platform, #automated aquaculture etc.).

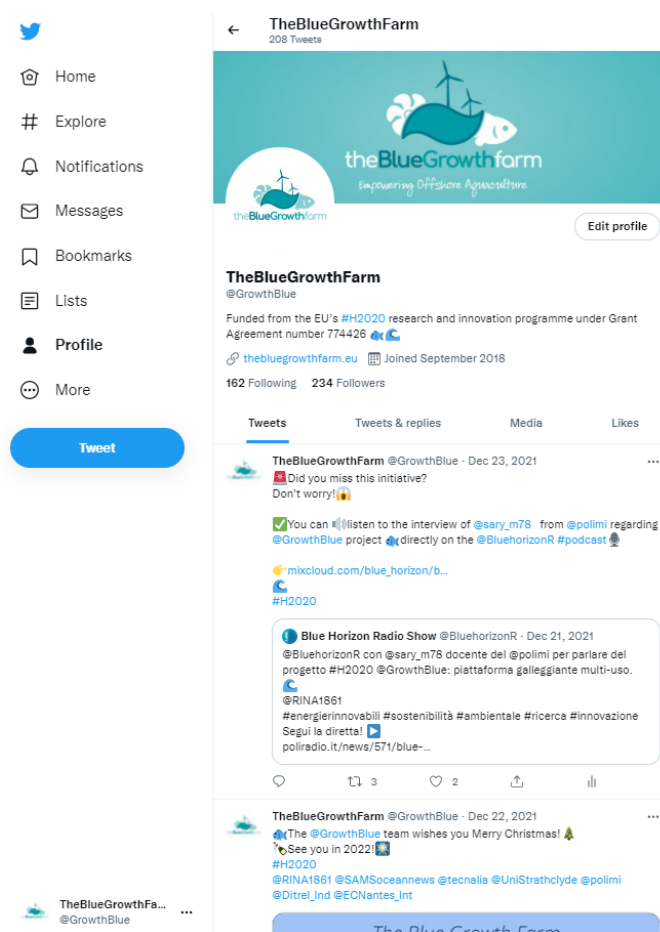


Figure 7. The Blue Growth Farm Twitter account

To gain more visibility, strategic accounts are mentioned in the tweets, such as @EU_H2020, @CORDIS_EU, @stracma and @EU_MARE.

September 2019 has been one of the most successful months on Twitter with 11,1K views of the tweets. However, for 2021, the best month has been March with 2875 impressions, as shown in the following analytics (Figure 8).

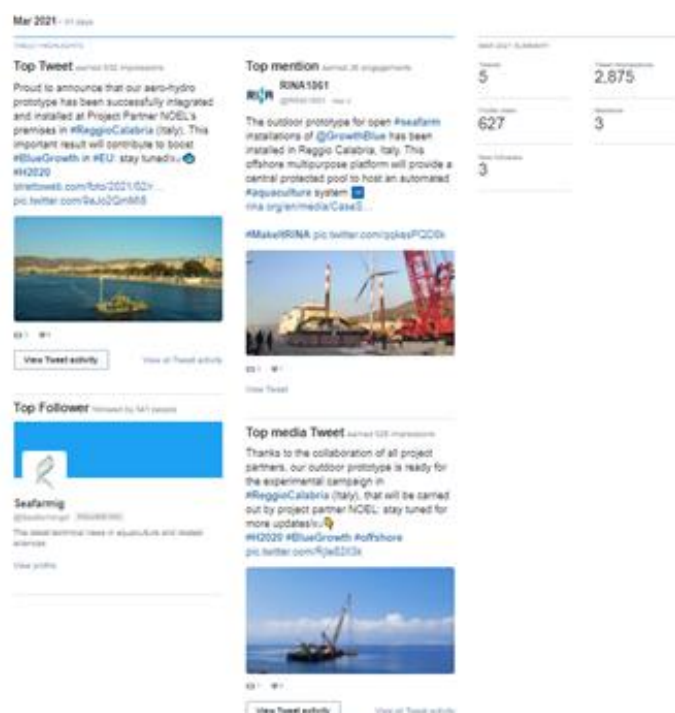


Figure 8: March 2021 Analytics

The Blue Growth Farm account was followed by the Official Account of the Eu Commission Directorate-General for the environment.

Moreover, in 2021 the account gained **52 new followers**.

To engage the audience on this social media, short video animations are periodically created, as the one shown in the following screenshot (Figure 9).



Figure 9: Christmas Greetings Video

3.3.2.2 LinkedIn

About 94% B2B organizations rely on LinkedIn for content marketing and distribution¹. The Blue Growth Farm LinkedIn page was created and has been used to inform and engage the (business) stakeholders.

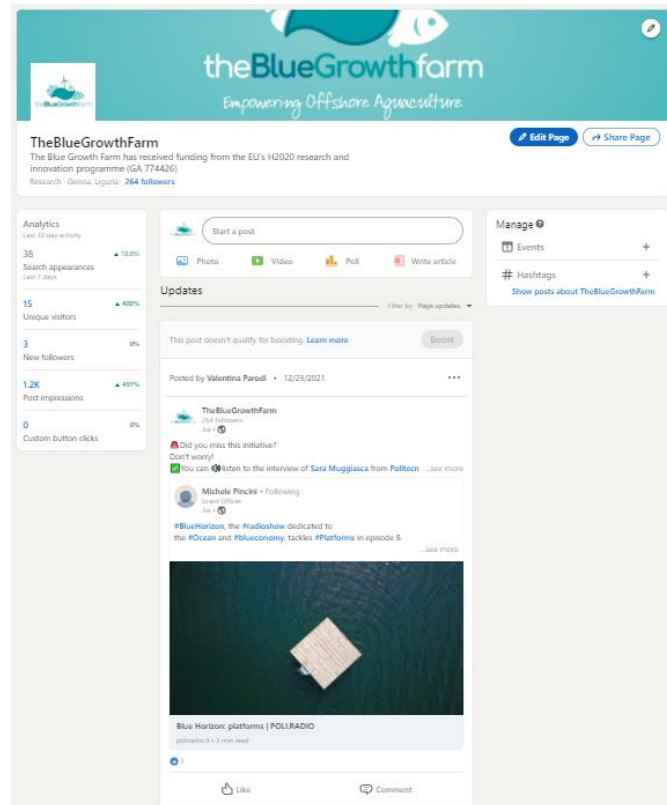


Figure 10. The Blue Growth Farm LinkedIn account

Currently, the LinkedIn page has 264 followers.

The following pictures represents all the detailed LinkedIn analytics of BGF page.

On average, the posts on this social media have gained **1,2k views**.

¹ <https://sproutsocial.com/insights/social-media-statistics>





Update engagement ⓘ		Time range: Jul 16, 2021 - Jan 16, 2022 ▾							Show: 10 ▾	
Update title	Posted by	Created	Impressions	Views	Clicks	CTR	Reactions	Comments	Shares	Follows
 Did you miss this initiative? Don't worry! You can listen to the interview of Sa... <small>All followers Boost unavailable ⓘ</small>	Valentina Parodi	12/23/2021	90	-	0	0%	3	0	0	-
 The TheBlueGrowthFarm team wishes you Merry Christmas! 🎄 See you in... <small>Video All followers Boost</small>	Valentina Parodi	12/22/2021	254	90	6	2.36%	4	0	1	-
https://www.linkedin.com/feed/update/urn:li:activity:6879095409634103297 <small>All followers Boost unavailable ⓘ</small>	Valentina Parodi	12/21/2021	102	-	1	0.98%	1	1	0	-
 Don't miss the interview of Sara Muggiasca from Politecnico di Milano! 🎧... <small>All followers Boost unavailable ⓘ</small>	Valentina Parodi	12/21/2021	271	-	3	1.11%	5	0	0	-
 Save the date! POLI.RADIO interviews our Politecnico di Milano partner together... <small>All followers Boost</small>	Valentina Parodi	12/20/2021	473	-	10	2.11%	12	1	3	-
SUSTAINABLE REVOLUTION – Sustainable Revolution by Zuecca Projects, Venice <small>All followers Boost</small>	Valentina Parodi	11/16/2021	257	-	8	3.11%	5	0	1	-

Figure 11: LinkedIn Analytics

3.3.3 Brochure, Posters, Banner and Leaflet

Printable materials to suitably promote the BGF project were prepared and used when attending conferences, fairs, workshops and other communication and dissemination events. These elements, parts of the BGF communication toolkit, are represented by:

1. The BGF brochure, which provides information regarding the BGF project for the large non-specialist audience as well as the community of relevant stakeholders. The scope and tone of the brochure are similar to those of the website (Figure 12):



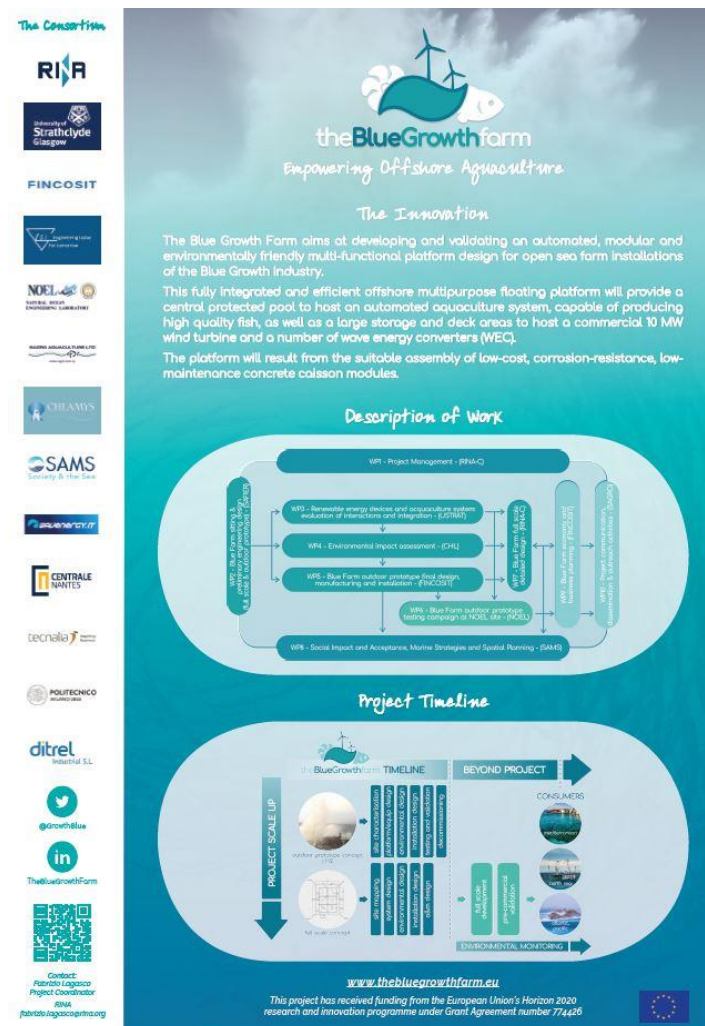
This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement number 774426



Figure 12: The Blue Growth Farm brochure front page

The brochure has been released to the partner's organizations which can distribute the brochures to their own network and channels. The brochure is used for information purposes, and it is a convenient tool during events to face contact and to communicate about the project. The brochure language is English.

2. A project poster was created for the poster sessions of scientific conferences and workshops. For this reason, the main target of the poster is the scientific community, and the contents therefore technical in nature. Updates were produced to upgrade the technical information released in line with the project progress.





theBlueGrowthfarm

Empowering Offshore Aquaculture

The Blue Growth Farm project aims to develop and validate an automated, modular and environmentally friendly multi-functional offshore platform to further aid the expansion of marine aquaculture and the overall development of the Blue Growth Economy.

This fully integrated and efficient multipurpose floating platform will provide a central protected pool hosting an automated aquaculture system, capable of producing high quality fish, as well as a commercial 10 MW wind turbine (WT) and a number of built-in wave energy converters (WEC).

The platform will result from the assembly of low-cost, corrosion-resistance, low maintenance concrete caisson modules.



Renewable
Energy from
Wind



Marine
Aquaculture



Renewable
Energy
from Wave

3D Design Model of the Full Scale (210 m x 162 m) Infrastructure





@GrowthFarm



Contact:
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RINA, fabrizio.lagasca@rina.org



The Blue Growth Farm

www.thebluegrowthfarm.eu

















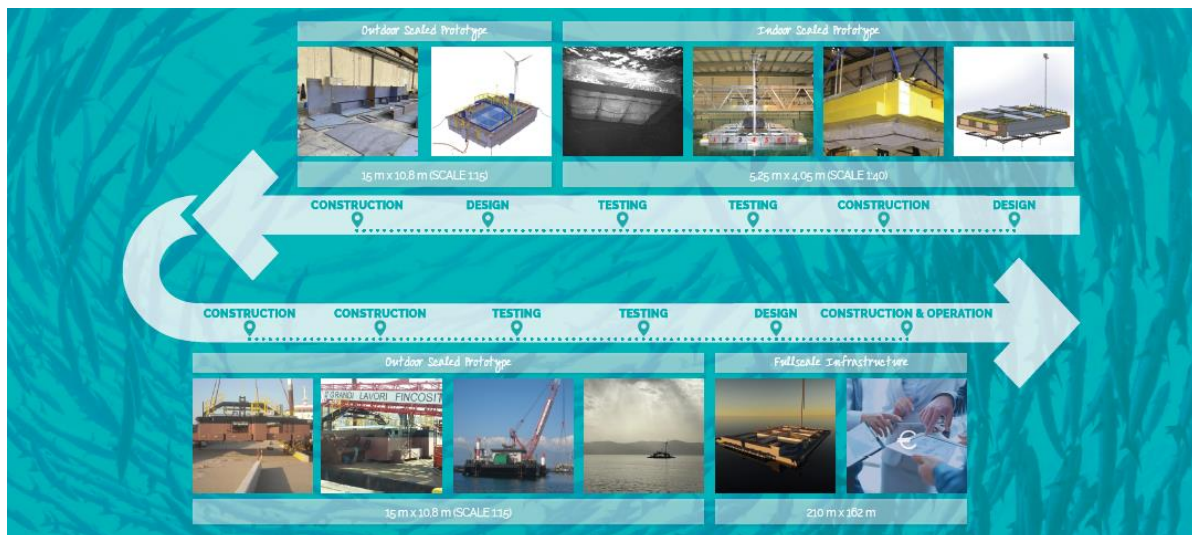








This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement number 774426



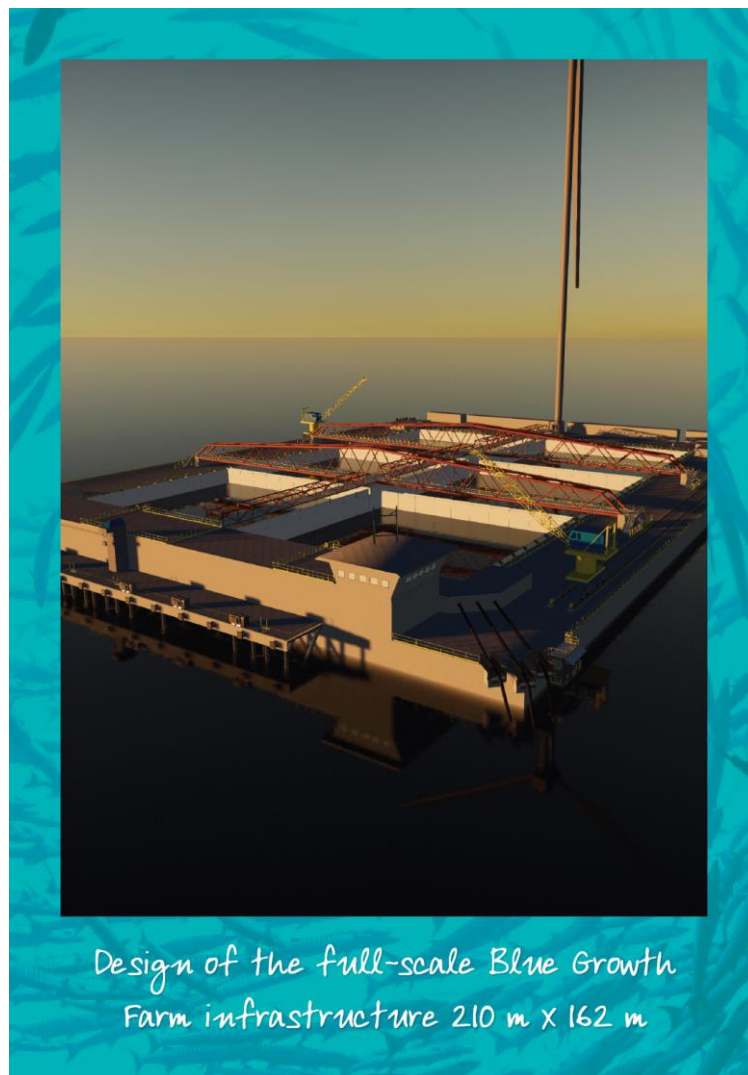


Figure 13: Project original poster and updates

3. A design for a banner (roll-up) was developed for use during meetings and conferences. The banner is a visible communication tool to raise the interest of visitors of the above events.



The Blue Growth Farm-WP10-FIN_RINA-C-D10.8-Dissemination and Communication Plan, final issue



Figure 15. Project leaflet

The promotional material is downloaded from the website repository and printed locally in order to use or hand out during communication and dissemination events.

3.3.4 Press Releases

Press releases was used for other official outings in favour of the project, such as conferences, reports, workshops etc. The text of the press release was normally English. With the opportunity of local events, the responsible partners provided to translate into preferred language, if appropriate. A press release was used as a formal communication tool, to get a broader network via the media. Specific press releases were also prepared by project partners during the local workshops.

3.3.5 Newsletter

A project newsletter was issued bi-yearly. All partners were invited to propose content, including articles and pictures. The articles in the newsletter were also placed on the website. The newsletter generally contained specific news related to the project and a 'Highlight' article by one / two partners.

The cover page of the first issue of the BGF Newsletter is shown in Figure 16.

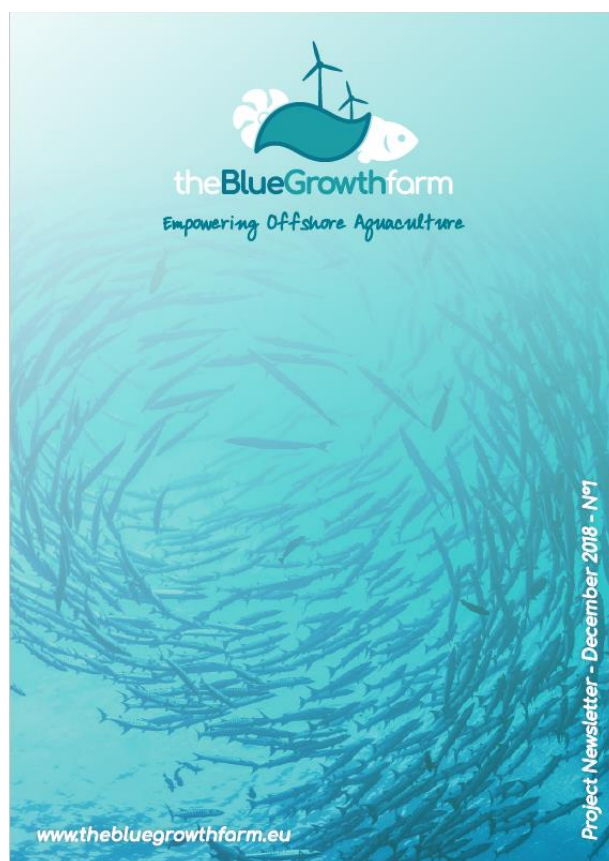


Figure 16. The Blue Growth Farm Newsletter front page ([S-R2])

The current edition of the Project Newsletter is given in Figure 17:

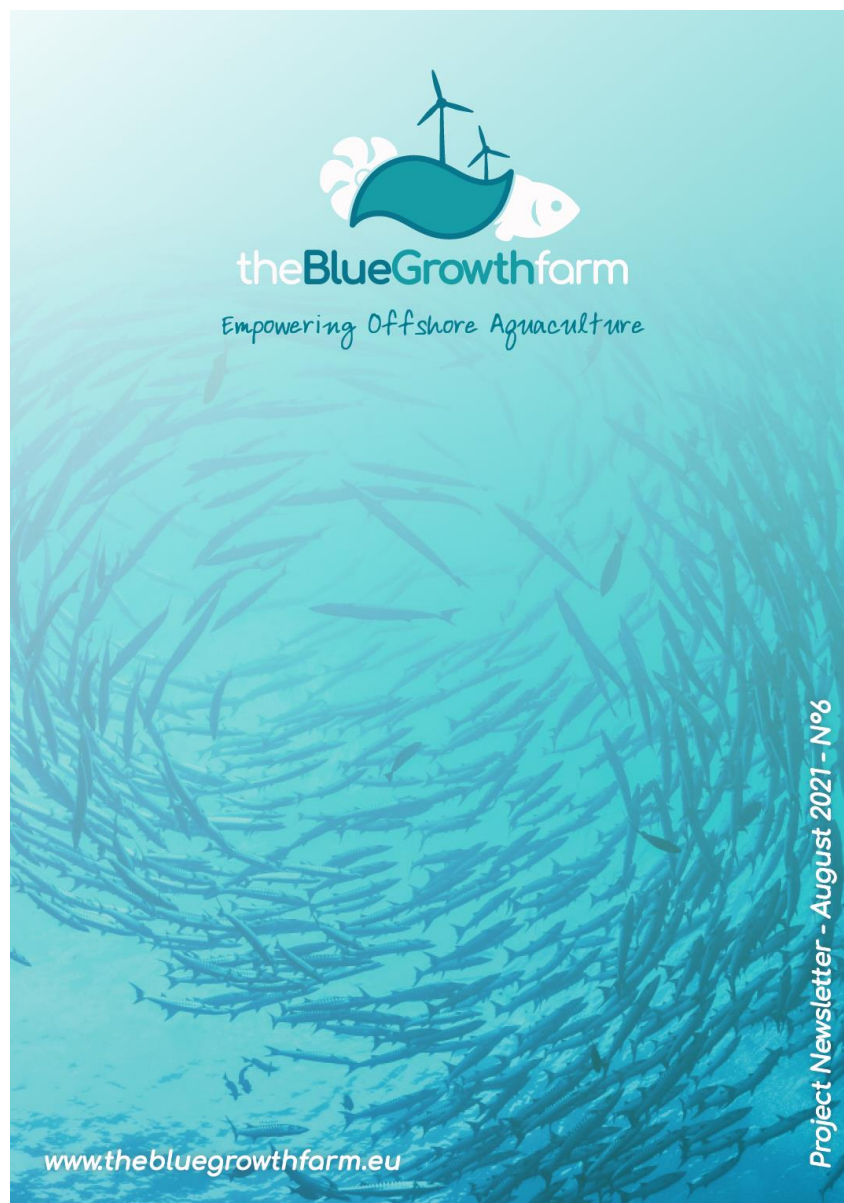


Figure 17. Current edition of the Blue Growth Farm Newsletter ([S-R2])

The following procedure was used to update the newsletter throughout the project:

- Four weeks before the deadline of the newsletter update, RINA-C sent an email to all partners to ask for newsworthy items. Moreover, they contacted one of the partners for the 'Highlight' article.
- The partners had one week to come up with news items, after which RINA-C choose the most relevant article(s).
- Partners then had two weeks to produce the draft news item in English + photo material, if needed.
- WP10 leader reviewed and finalised each newsletter, with the RINA-C support.

- The updated Newsletter was forwarded via Mail Chimp to all registered e-mail addresses through the BGF website.
- All partners were involved in promoting the project and the newsletter through their own channels in order to increase the number of subscribers.

3.3.6 Project Video

The project Consortium agreed to develop short video animations in order to translate the technical contents of the project into simpler messages and to explain The Blue Growth Farm to the General Public in an effective, clear and easy-to-understand way.

The partners decided to use the video content format to communicate the key-messages of the project because:

- 78% of people watch online videos every week, and 55% view online videos every day;
- 52% of marketers say video is the type of content with the best ROI;
- Video on social media generates 1200% more shares than text and image content combined².

The duration of the video was set at around 1 minute, and the content verified in terms of easy comprehension of the message without the support of the sound because:

- 85% of videos are watched without sound on social media;
- nearly two-thirds of consumers prefer video under 60 seconds.

The Blue Growth Farm video was developed during the first year of project development. An update was been produced in 2022, taking advantage of participation to dissemination events. The updated video is available at the following link: <http://www.thebluegrowthfarm.eu/index.php/project-video/> (see also Figure 18 and Figure 19).

“The Blue Growth Farm” video is based on the so called **“Consumer Processing Model”**, which is a basic psychological model that explains how people process information and how they use logic and reason to buy a product based on the features or solving a problem.

For this reason, the Blue Growth Farm video introduced the social challenge and the need to move aquaculture offshore, and shows the solution offered by the project in a captivating way in order to attract potential stakeholders.

² <https://biteable.com/blog/tips/video-marketing-statistics/>



Figure 18. The BGF Video – scene one

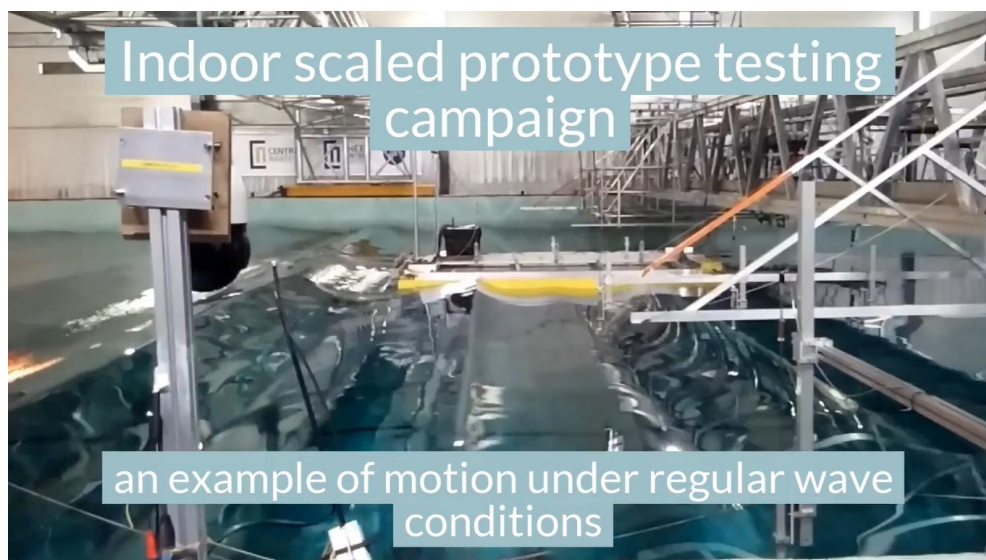




Figure 19. Project scaled prototypes (indoor and outdoor)

The video has been shared on the project's social media and on the Project Consortium's communications channels.

In particular, the original video has been **viewed 3086 times** on Twitter. The update is to be uploaded to the BGF website by end January 2022.

3.4 Communication within the Blue Growth Farm

The WP10 has been led by SAGRO and in particular Dr. Tim Attack acts as the BGF Exploitation Manager. Nevertheless, all partners have an active role in Communication of project results. For specific needs or questions, Consortium partners were requested to contact the WP10 leader at the email address: tim.atack@sagro.com.cy. For formal aspects and / or specific questions / needs on communication toolkit, consortium partners could contact RINA-C Communication Officer, Ms. Valentina Parodi, at the following email address: valentina.parodi@rina.org.

3.5 Communication plan for the project and after project period

A communication plan for the project and after project period is synthetised in ANNEX 2.

4. DISSEMINATION

Dissemination has particularly aimed at raising interest of potentially interested parties across relevant stakeholders from the offshore multipurpose platform sector, in the BGF proposed engineering solutions, technologies, and demonstrators.

In the final period, the exploitation-oriented dissemination activities have been aimed at promoting knowledge transfer of BGF innovative solutions, along with the benefits they can provide, toward potential target end-users/adopters to speed up their adoption.

Each of the BGF partners has brought into the project their contact network according to their role within the project, guaranteeing a range of diversified networks of stakeholders. Under the leadership of SAGRO, supported to the Project Coordinator, all partners are expected to proactively contribute to dissemination activities in the period after the project end.

4.1 Stakeholder target groups

A list of potential target audiences has been identified and included in ANNEX 1. This list was updated during the project and dissemination strategies tailored towards the different groups. The target audiences were divided into four groups, all part of the quadruple helix.

4.1.1 Civil Society

The helix “civil society” consists of the general public and society as a whole. The opportunity of implementing the BGF offshore multipurpose platform concept and related technologies in other different areas of the representative sites, considered in the project, and even in other different areas is the main interest to mobilize. Specific target groups within this helix include (organizations of) prosumers, local energy cooperatives, NGO’s etc.

4.1.2 Business

The helix “Business” consists of possible (end) users of the multipurpose offshore platform, the integrated technologies and related services, and other competing solutions. These companies can use the developed knowledge and use it to build or improve value propositions. Specific target groups within this helix were:

- Offshore platform owners and operators;
- Aquaculture operators;
- Public grid operators (DSO/TSO);
- Private grid operators for off-grid systems;
- Offshore technologies developers.

4.1.3 Government

The helix “Government” consists of local, regional, national and European government and associated institutions, such as European Technology Platforms (ETPs). Governments can use the project results for replication and to create possibilities to increase sustainable sea food production, for example by legislation or tax incentives.

- Local governments were expected to be mostly interested in replicating the project results in their own region, to achieve own CO₂-reduction goals combining healthy sea food production;

- National and European government were expected to be interested in the PESTEL-aspects that hinder fast uptake of the new technologies and ways in which they can facilitate.

4.1.4 Knowledge

The helix “Knowledge” consists of Research Institutions and Research Associations. The results of the BGF research resulting from the interlinked project Work Packages were disseminated to this knowledge group.

4.2 Dissemination Strategy

The dissemination strategy has consisted of four main phases:

- 1) Generation of high value data and information about engineering integrated developments:
 - a. to inform stakeholders;
 - b. to generate interest in the potential for replication activities.
- 2) Communication with all relevant stakeholder groups during the different stages of project development:
 - a. to promote integrated technologies and related engineering services;
 - b. to stimulate replication of technologies and services developed.
- 3) Engagement with selected target groups to directly support the uptake of design solutions and the organization of replication activities:
 - a. through facilitating replication of knowledge by means of codified knowledge (e.g., factsheets);
 - b. through structuring and organizing personal contacts (e.g., matchmaking, workshops) between relevant stakeholder groups.
- 4) Formalization of the developed goodwill in Partnership Agreements specifying the details of how replication activities will be continued during and beyond the project timeframe:
 - a. through selected communication channels;
 - b. through participation to sector fairs;
 - c. through presentation of the project outcomes at high level scientific conferences;
 - d. through preparation of specific scientific papers within open science publication schemes.

4.3 Key messages

Key messages have been developed considering the different dissemination means/channels as well as target audiences. They were suitable to promote the project and its outcomes in relation to the type of dissemination instruments and had moreover to be sound, clear, comprehensive, didactic and relevant to the target audience. To ensure the uptake of the developing innovations (integrated technologies and services) the BGF project partners have taken care that all relevant stakeholder groups were included in different stages of project development. This strategy has been built upon the quadruple helix innovation model and align communication activities and tools based upon the particular role of the stakeholder group within each development phase. Key messages for the different helixes have been:

- Society: High level message on the proposed integrated technologies, their advantages and challenges. Similar high level message on PESTEL-elements, such as business cases and financing challenges.
- Business: In depth information on the proposed integrated technologies and demo's, emphasize (near) market readiness, easy uptake in follow up projects and reliable business cases.

- Government: High level message on the BGF representative installation sites, their replication potential on other sea areas. Emphasis on CO₂-reduction potential and favourable connection to the grid on land. Describe aspects that hinder fast uptake and the possibility for government to facilitate.
- Knowledge: In depth information on excellent research performed within the project on all relevant PESTEL aspects. Show possible follow-up or aggregating research.

4.4 Dissemination means and channels

Different dissemination means and channels have been considered for the BGF project. Some highlights are reported in the following paragraphs.

4.4.1 Workshops

Three main project workshops have been envisaged for the involvement of potential stakeholders in the BGF development at NOEL (IT) site in the context of WP8 activity (social acceptance), at T0+16, +28, +41, respectively. Concerned partners have taken part in these events, whilst specific goals and target audience were aligned to the different stages of the project design and validation / demonstration. As well, three outreach events have been deployed for commercial exploitation purposes in the context of WP10 activity, at T0+17, T0+35, T0+41.

4.4.2 Scientific publications and presentations

The project's results have been published in major international, peer-reviewed, high impact factor journals, such as Ocean Engineering, Applied Ocean Research, Energy Research & Social Science. Results have also been presented at relevant conferences, symposia, seminars, workshops, and other events, such as the Offshore Mediterranean Conference, Offshore Energy and Storage Summit, International Conference on Ocean, Offshore and Arctic Engineering, International Offshore Wind Technical Conference, International Conference on Renewable Energies Offshore, International Conference on Renewable Energies Offshore, Aquaculture Europe, through oral presentations. Special sessions on sector magazines like Hydrolink Magazine, Ocean Energy Systems have seen a contribution on BGF as well accommodated.

The project will furthermore promote its results at events relevant for the offshore wind and wave sector, after the project end. The project team will also contribute to seminars and give talks to relevant professional bodies, such as (UK) the Institution of Civil Engineers, the Institution of Mechanical Engineers, Royal Institution of Naval Architects, and the Energy Institute. These talks will be organized not as a one-way presentation, but as a two-way discussion, engaging the relative professional and encouraging them to provide their feedback and further opportunities to enhance the project impact potential.

Partners will inform SAGRO and the Coordinator about any publication and dissemination activity under planning. A complete list of publications can be found in ANNEX 3.

4.4.3 Project Technical e-publications

Project e-publications are going to be published during the last months before the project end, thus giving comprehensive evidence of the advantages of the developed technological solutions.

SAGRO, with the support of the Coordinator, will collect and organize the required contributions from the relevant task leaders.

4.4.4 Education sessions

USTRAT hosts the Renewable Energy Marine Structures Centre for Doctoral Training, and the WAMSS (Wind and Marine Energy Systems and Structures) Centre for Doctoral Training. Prof Collu is actively contributing to these initiatives, teaching some of the modules and acting as main supervisor for a number of Engineering Doctorate students, where the relevant part of the knowledge matured in the present project has been implemented in lectures and supervision sessions for the students.

4.4.5 Liaison / collaboration with other relevant innovation projects

The BGF Consortium has sought liaison with the most relevant European communities involving potentially interested stakeholders, including the relevant European Technology Platforms (ETPs), the European Aquaculture Technology and Innovation Platform (EATIP), the European Technology and Innovation Platform for Ocean Energy (ETIPOCEAN), the European Technology & Innovation Platform on Wind Energy (ETIPWIND).

Concerning other running R&D EC funded project, contacts have been established with the Coordinator of Space@Sea, MUSICA and UNITED project, through EC initiatives related to the coordinators' day events.

4.4.6 Contribution to common activities organised by the local agencies

Contribution, upon invitation by APRE (Italy), to common information and dissemination activities to increase the visibility and synergies between H2020 supported actions, making presentations Societal Challenges 2 (SC2) events, and giving feedback on the results and impact of the project.

4.4.7 Dissemination of milestones and deliverables

The project activities produced different public deliverables were made available to the public, on request. Key milestones added dissemination value too.

Specific technical contents (methodology, graphs, diagrams, measured data) have also been considered for publication. The party responsible for the deliverable had to contact SAGRO by email, being the Coordinator in copy, to discuss and agree on the abstract typology wished to be released for dissemination, at least 4 weeks before the publication date. In this way the WP10 leader and the RINA Communication Manager were allowed sufficient time to take the necessary communication actions, e.g.:

- identify the target group(s);
- decide which dissemination/communication means and channels are relevant;
- implement the required tools;

A complete list of items for dissemination events is reported in ANNEX 3.

5. COMMUNICATION, DISSEMINATION AND EXPLOITATION STRATEGY

Measures to maximize impact were identified as: i) activities aimed at promoting the action, at awareness raising and communication beyond the project's internal as well as external communities to wider audiences, including the media and the general public, ii) activities aimed at raising interest among offshore stakeholders and the exploitation-oriented dissemination of the benefits provided by the innovative technologies proposed in the project toward potential target end-users, and iii) activities aimed at the exploitation of the project's results. Given the high importance of these activities in helping to achieve the expected impact of the project, the above set of measures were deployed during the project's duration and this will continue after its completion, with the goal to create visibility and raise awareness within the targeted stakeholders' communities and ultimately pave the way towards the exploitation of the proposed technology and processes. Accordingly, activities will target a wide range of stakeholders, spanning from aquaculture to offshore Wind&WEC components manufacturer, electricity distribution operators, other entities of the research community and civil society groups involved in offshore multipurpose platform evaluation and acceptance.

Under the leadership of the Exploitation Manager (SAGRO), all partners were expected to proactively contribute to dissemination activities. The Communication and Dissemination plan constitutes a blueprint to follow in disseminating the work and results by the project partners, through coordinated actions. Conditions ensuring a proper dissemination of the project's results whilst not endangering any IPR of relevant partners have been taken into account in this plan, and control measures were implemented by the coordinator. The dissemination strategy consisted of two main phases:

- Phase I focused on raising interest among stakeholders: the aim of this phase was to create visibility and raise interest among the relevant stakeholders about the project and its expected outcomes both within the project's external community of stakeholders as well as beyond, to wider stakeholder audiences. This phase consisted mainly of interest raising activities making use of a common project identity (through a project logo and graphical visual identity, promoting the project website among stakeholders, distributing communication and dissemination material (i.e., project brochure, leaflets, etc.), as well as at promoting the project and its expected outcomes at relevant events as well as toward relevant stakeholders.
- Phase II focused on the exploitation-oriented dissemination of results: this phase has had a strong focus on disseminating the project's results once they were mature enough to clearly show the benefits that the new multi-purpose platform proposed to the potential end users. Activities within this phase include the publication of papers and articles in journals, the participation at relevant conferences, workshops, events, the organization of workshops at which target stakeholders will be invited, etc. The BGF demonstration phase will especially strongly contribute to validate findings prior to a wider exploitation-oriented dissemination of the results beyond these initially restricted communities.

This strategy is outlined through time as shown in Figure 20. Communication activity started with the project kick-off, and it will terminate with the project end. Dissemination and exploitation activities initiate after a first confidentiality period, and they will be extended over the project end. A follow up of key communication activity is planned up to Month M54 (ANNEX 2).

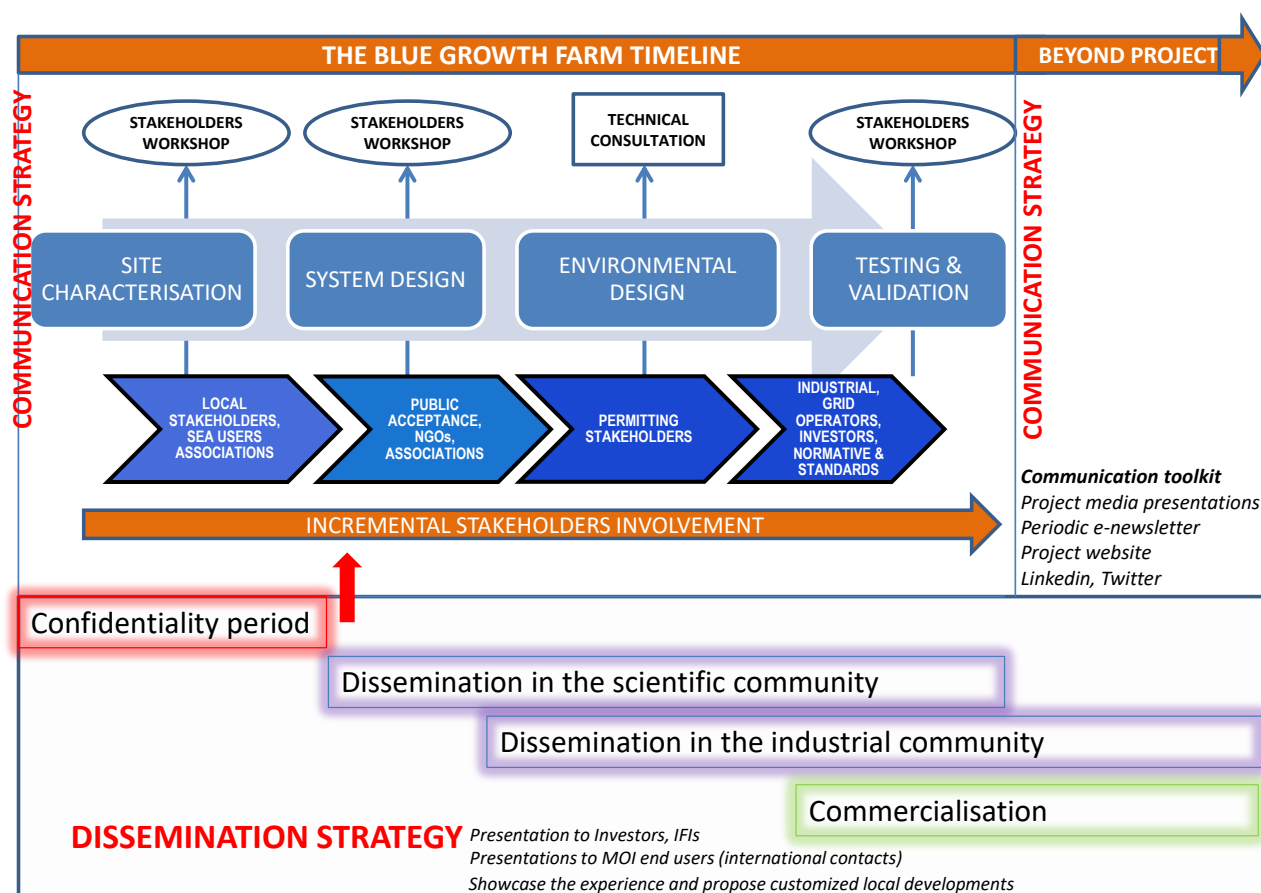


Figure 20. Timing of the BGF Communication and Dissemination Strategy

6. KEY PERFORMANCE INDICATORS

An effective communication and dissemination strategy needs to include also the definition of the right Key Performance Indicators (KPIs). KPIs are “the critical (key) indicators of progress toward an intended result. KPIs provide a focus for strategic and operational improvement, create an analytical basis for decision making and help focus attention on what matters most”.³

Effective KPIs:

- provide objective evidence of progress towards achieving a desired results;
- define the useful data to measure in order to make the decision-making process better;
- are balanced between leading (determined by future actions) and lagging indicators (determined by past actions).

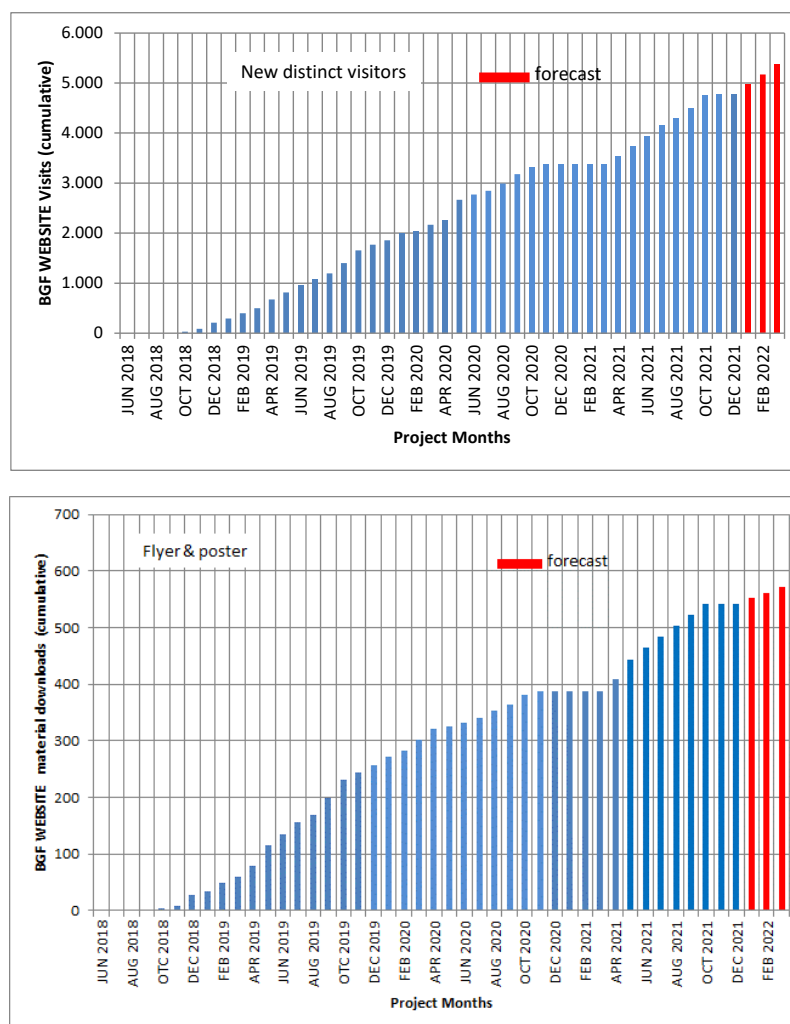
The project Consortium has already defined at the proposal level the following KPIs for The Blue Growth Farm project (see Table 1):

Table 1. List of BGF proposed KPIs

Channel/Content	KPI	Value
Project website	Worldwide scale visibility	❖ Visits: <5000 = poor; 5000-10,000 = good; >10,000 = excellent
Public reports	Download on the website	❖ <50 = poor; 50-100 = good; >100 = excellent
Promotional Material	Distribution	❖ <500 copies = poor; 500-1,000 copies = good; >1,000 copies = excellent
E-newsletter	Number of subscribers	❖ <50 = poor; 50-100 = good; >100 = excellent
Papers	Number of papers submitted	❖ <3 = poor, 3-5 = good, >5 = excellent
Conference Presentations	Number of conference presentations	❖ <3 = poor, 3-7 = good, >7+ = excellent
Workshops	Overall number of participants	❖ <20 = poor; 20-40 = good; >40 = excellent

A track record of so far achieved KPIs as well as envisaged objectives for Mid Term period are described in Figure 21 and Figure 22.

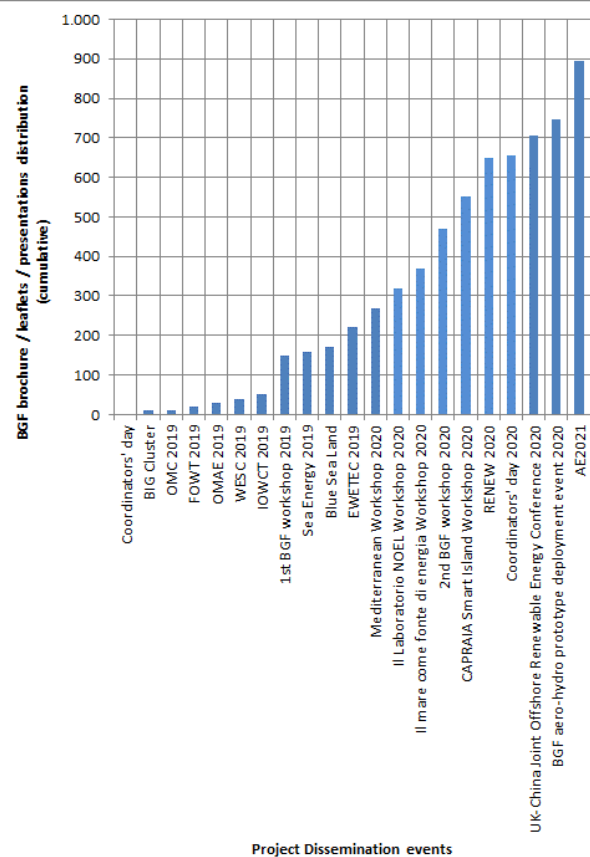
³ <https://kpi.org/KPI-Basics>



❖ Visits: <5000 = poor; 5000-10,000 = good; >10,000 = excellent

❖ Material downloads: <50 = poor; 50-100 = good; >100 = excellent

Figure 21. KPIs planning for BGF website visits and website materials download



❖ Brochure/leaflet distribution: <500 copies = poor; 500-1,000 copies = good; >1,000 copies = excellent

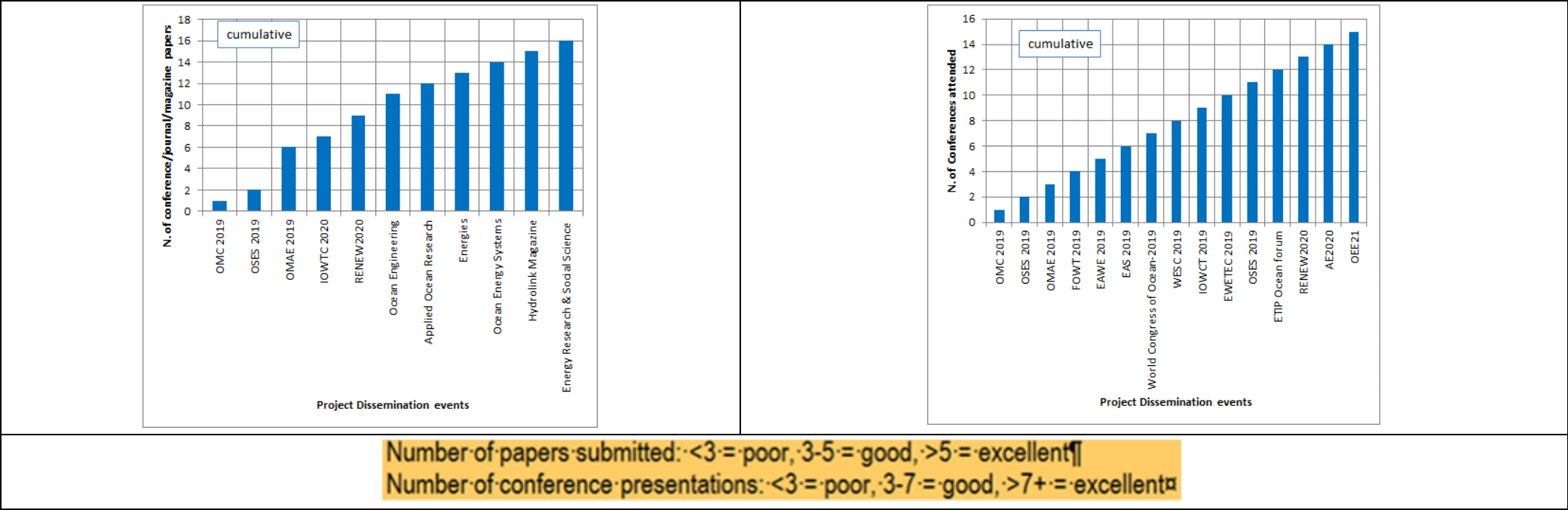


Figure 22. KPIs planning for BGF papers submitted, project material distribution and conference presentations attended

7. CONCLUSIONS

The scope of this report was to describe the communication and dissemination strategy implemented in the BGF project, to outline the timing of both activities as well as indicating sensitive data to be protected during current and post project BGF dissemination and awareness activities.

In particular, the plan was focused on:

- Communication: activities aimed at raising the awareness about the project and promoting the action to target audiences, including the media and the general public.
- Dissemination: activities aimed at raising interest among stakeholders and the exploitation-oriented dissemination of the benefits provided by the innovative technologies proposed in the project toward potential target end-users/adopters.

The BGF dissemination plan was established through the following items:

- Target audiences, stakeholders and customized contents to reach them.
- Communication key-messages developed according to target audiences.
- Communication channels carefully identified in order to reach target audiences.

Special attention has been paid to the creation of the project identity and to the use of common document formats. An overview of the communication tool kit was provided with a special focus on:

- Website.
- Social media (Twitter, LinkedIn).
- Brochure, poster and banner.
- Press release.
- Newsletter.

Finally, the overall dissemination and communication strategy was illustrated, which includes activities beyond the project end.

REFERENCE DOCUMENTS

[S-R1] BGF Contractual Deliverable: “D10.1: The Blue Growth Farm Website Report”, 30th October 2018.

[S-R2] BGF Contractual Deliverable: “D10.3: The Blue Growth Farm 1st Newsletter”, December 2018, May 2019, November 2019, September 2020, March 2021, August 2021.

ANNEX 1. LIST OF POTENTIAL TARGET AUDIENCE FOR BGF DISSEMINATION

HELIX "SOCIETY"
NGO's Aquaculture
<p>Target Group (& Impact): <u>The Food and Agriculture Organization (FAO)</u> is specialized agency of the United Nations that leads international efforts to defeat hunger. Its goal is to achieve food security for all and make sure that people have regular access to enough high-quality food to lead active, healthy lives. With over 194 member states, FAO works in over 130 countries worldwide. It believes that everyone can play a part in ending hunger.</p>
Recreational Angling Associations
<p>Target Group (& Impact): <u>The Salmon & Trout Association (S&TA)</u> was established in 1903 to address the damage done to UK rivers by the polluting effects of the Industrial Revolution. For 108 years, the Association has worked to protect fisheries, fish stocks and the wider aquatic environment on behalf of game angling and fisheries. In 2008, the Association was granted charitable status, primarily because it was able to show that its work had historically been for a much wider benefit than just its immediate membership. S&TA's charitable objectives empower it to address all issues affecting fish and the aquatic environment, supported by robust scientific evidence from its scientific network. Its charitable status enables it to take the widest possible remit in protecting fish stocks and the aquatic environment upon which they depend.</p>
Conservation and Special Interest Groups
<p><u>The Royal Society for the Protection of Birds (UK)</u>. Carries out ongoing analysis of the threats facing birds and the environment and, where a problem is found, determine the causes and ways of resolving it. They have a particular interest in the effects of climate change on birds and wildlife, and hence an interest in renewable energy production. For BGF they could provide expertise on bird migration routes, the risks wind turbines pose to birds, and non-harmful bird deterrent measures.</p> <p><u>Greenpeace (worldwide)</u>. Greenpeace states its goal is to "ensure the ability of the Earth to nurture life in all its diversity" and focuses its campaigning on worldwide issues such as climate change, deforestation, overfishing, commercial whaling, genetic engineering, and anti-nuclear issues. It uses direct action, lobbying, research, and ecotage to achieve its goals. With offices in over 39 countries and an international coordinating body in Amsterdam, the Netherlands.</p> <p><u>Friends of the Earth International</u>. An umbrella association comprising 75 Friends of the Earth organisations from across the globe.</p>
HELIX "BUSINESS"
Business Groups, Aquaculture
<p>Target Group (& Impact): <u>Federation of European Aquaculture Producers (FEAP)</u>: it represents 22 members drawn from 21 States across the European continent. It is the united voice of the European aquaculture production industry, being the Federation of National aquaculture associations in Europe that represent professional fish farming. FEAP supports and promotes the responsible development of aquaculture and provides the common positions and opinions of the European aquaculture sector.</p> <p><u>Scottish Salmon Producers Organisation (SSPO)</u> is at the centre of Scottish salmon farming's industry-wide initiatives and public communication, acting as a trusted source of information and a strong industry voice. The organisation plays a central role in representing its members on political, regulatory, media and technical issues in Scotland, the UK, EU and internationally.</p> <p><u>European Aquaculture Society (EAS)</u>: an International Non-Profit Association that brings together individuals and companies in the sustainable development of European aquaculture to develop contacts, share and disseminate information and promote multi-disciplinary research. EAS has more than 600 members in 45 countries.</p> <p><u>Spanish Aquaculture Association (SEA)</u>.</p>

Association of Marine Aquaculture Producers (Spain).

National Committee for Marine Fisheries and Marine Aquaculture (France).

Regional Committee for Marine Fisheries and Marine Aquaculture (France).

Local Committee for Marine Fisheries and Marine Aquaculture (France).

French Aquaculture Federation (FFA).

Associazione Piscicoltori Italiani (API).

The European Technology and Innovation Platform for Ocean Energy (ETIP Ocean): it helps to define research and innovation priorities for the ocean energy sector and promote solutions to the industry, European and national policy makers.

Ocean Energy Europe (OEE): network of ocean energy professionals in Europe.

Quality Assurance Schemes, Aquaculture and Fisheries

Target Group (& Impact):

Global Aquaculture Alliance (GAA): its mission is to promote responsible aquaculture practices through education, advocacy and demonstration. For over 20 years, it has demonstrated a commitment to feeding the world through responsible and sustainable aquaculture. It does this by providing resources to individuals and businesses worldwide that are associated with aquaculture and seafood. It improves production practices through its partnerships with countries, communities and companies, as well as online learning and ground-breaking journalism that boasts active readership in every country of the world. Facility and management protocols accredited by the latter organization give the public some assurance that the production activity is undertaken according to fixed written welfare and environmental protection standards

Marine Stewardship Council (MSC): its mission is to end overfishing. Ensure future generations can enjoy the wild seafood we love by choosing certified sustainable seafood with the blue fish label.

ENT (Spain). ENT is a social economic initiative that is formed by **2 organisations: one consultancy and one foundation**. Both institutions are dedicated to the elaboration, analysis and implementation of public environmental policies. In the last few years a good part of their activity has focussed in the area of fishing and aquaculture, where they have done various projects and investigations linked to European policies.

Energy Retailers (they sell energy and other (related) services and products to consumers. Retailers will develop consumer oriented programmes and offerings)

Target Group (& Impact):

Acciona (the biggest retailer of renewable energy in the Spanish market).

Iberdrola (Spanish producer, distributor and trader of energy, including renewables. Main subsidiary companies: Avangrid, Scottish Power, Enstor).

ENEL GREEN POWER (the biggest retailer of renewable energy in the Italian market).

British Gas (the largest UK energy and home services company).

Scottish Power, EDF Energy, NPOWER, SSE (gas & electricity to households and businesses in the UK).

E.ON. (international solutions provider for the energy world).

Institution in the Renewables Energy

Target Group (& Impact):

REScoop.eu is the European federation of renewable energy cooperatives. It represents a network of 1,250 European energy cooperatives and their 1.000.000 citizens who are active in the energy transition.

Seabed Leasing Agencies

Target Group (& Impact):

The Crown Estate (UK): a lease from the Crown Estate is needed for any activity requiring an area of sea bed (for moorings electrical cables, wells netc) carried out within the UK 12 mile coastal zone. They also have jurisdiction for some activities (notably energy production) up to the 200m territorial limit.

Commercial Fish Farming Companies

Target Group (& Impact):

Scottish Salmon Company Ltd (Scotland): Salmon farmers.

Scottish Sea Farms Ltd (Scotland): Salmon farmers.

MOWI (Norway, Scotland, Chile): Salmon farmers.

Loch Duart Salmon Ltd (Scotland): Salmon farmers.

Greig Seafood ASA (Norway & Scotland): Salmon farmers.

Salmar ASA (Norway): Salmon farmers.

Cermaq Group AS (Norway). Salmon farmers.

Lerøy Seafood Group ASA (Norway). Salmon farmers.

Cooke Aquaculture (Canada, USA, Chile, Scotland, Spain): Salmon, bass, bream farmers.

Kilic Group (Turkey): Bass and bream farmers.

Andromeda Group (Greece & Spain): Bass and bream farmers.

HELIX "Government"

National Government – Aquaculture Regulators and Advisors

Target Group (& Impact):

Scottish Environmental Protection Agency (SEPA): Involved in the regulation of aquaculture activities in Scotland.

Natural England. A consultee for applications for the installation of offshore structures, with particular reference to Marine Protected Areas, the protection of marine life including fish, birds, and mammals.

Marine Scotland. Involved in the regulation of aquaculture activities in Scotland.

Ministry of Agriculture and Forest Policies (Italy). Ministry regulating aquaculture in Italy.

Ministry of Infrastructure and Transport (Italy) Granting of concessions for the establishment of aquaculture facilities on maritime and inland State property, in particular via the Directorate-General for Maritime and Inland Navigation Infrastructures.

Italian Ministry for the Environment and the Territory and Sea Protection (MATTM): it the body of the Italian Government responsible for implementing environmental policy.

Ministerio para la Transición Ecológica (España): The Ministry of Agriculture, Fisheries and Food is the ministerial department responsible for proposing and implementing government policy on agricultural, livestock and fishery resources, the food industry, rural development and human nutrition.

Ministry of Agriculture, Food, Fisheries and Rurality (France) The main authority in charge of fisheries and aquaculture in France.

Ministry of Fisheries and Coastal Affairs (Norway): Regulatory/licencing Authority for Norwegian aquaculture.

HELIX "KNOWLEDGE"

National Government Aquaculture Research Organisations.

Target Group (& Impact):

CEFAS: UK Govt consultee on aquaculture activities in England and Wales. Main UK aquaculture and fisheries research organization.

IFREMER: French institute that undertakes research and expert assessments to advance knowledge on the oceans and their resources, monitor the marine environment and foster the sustainable development of maritime activities.

National Food and Agriculture Research and Technology Institute (INIA) (Spain). Carries out research in aquaculture, notably on diseases.

Marine Scotland. Scottish national organisation for aquaculture research.

Scottish Aquaculture Innovation Centre (SAIC) Its purpose is to transform Scottish aquaculture by unlocking sustainable growth through innovation excellence. Connecting businesses and academics, funding and supporting commercially relevant, collaborative research.

The Institute for Economic Research in Fishery and Aquaculture (IREPA) (Italy) was established in Salerno in 1982 with the purpose of promoting the development of economic research in the fishing sector and

providing the required support to the Public Bodies involved in the management of fishery and aquaculture.

Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA) Italy.

ANNEX 2. COMMUNICATION PLAN FOR THE PROJECT AND AFTER PROJECT PERIOD

PROJECT MONTH COMMUNICATION ACTION	M1 ÷ M3	M4 ÷ M6	M7 ÷ M9	M9 ÷ M12	M13 ÷ M15	M16 ÷ M18	M19 ÷ M21	M22 ÷ M24	M25 ÷ M27	M28 ÷ M30	M31 ÷ M33	M34 ÷ M36	M37 ÷ M39	M40 ÷ M42	M43 ÷ M45	M46 ÷ M48	M49 ÷ M51	M52 ÷ M54
Graphics and content updates for BGF Newsletter																		
Graphics and content updates for BGF Brochure																		
BGF posters design + print out																		
BGF roll up banner design + print out																		
Twitter, LinkedIn updates																		
Press releases (relevant milestones)																		
Website management																		
Sharing relevant news via BGF partners channels																		
SPECIFIC NEWSWORTHY DELIVERABLES/MILESTONES																		
Exploitable results from WP2 (MS1)																		
Exploitable results from WP3 (MS2)																		
Exploitable results from WP4 (MS3)																		
Exploitable results from WP5 (MS4, MS5)																		
Exploitable results from WP6 (MS6)																		

Exploitable results from WP7 (MS7)																		
Exploitable results from WP8 (MS8)																		
Exploitable results from WP9 (MS10)																		
Output from the stakeholders' workshops																		

ANNEX 3. LIST OF DISSEMINATION EVENTS

PROJECT PUBLICATIONS

Title and Repository link	Author(s)	Title of the periodical or the series	Number, date or frequency	Publisher	Place of Publication	Date of publication	Is Open access provided to this publication?	Type	Is this a peer-reviewed publication?	Status
Fuelling regional growth: still a dream or a concrete possibility? DOI: OMC-2019-1112	Giorgio Urbano, Elena Rocco	OMC 2019 (Offshore Mediterranean Conference)	Yearly	OMC	Italy	Mar, 27th – 29th, 2019	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed
Three-dimensional numerical modelling of a U-Oscillating Water Column array,	C. Ruzzo G. Malara F. Arena	2019 Offshore Energy and Storage Summit (OSES)	Yearly	IEEE	BREST, France	14 th October, 2019	[Yes]	Conference proceedings	Yes	Performed
New engineering approach for the development and demonstration of a multi-purpose platform for the Blue Growth Economy DOI:10.1115/OMAE2019-96104	F. Lagasco M. Collu A. Mariotti E. Safier F. Arena T. Atack G. Brizzi P. Tett A. Santoro S. Bourdier F. F. Salcedo S. Muggiasca I. Larrea	ASME 2019 38th International Conference on Ocean, Offshore and Arctic Engineering Volume 6: Ocean Space Utilization	Yearly	American Society Mechanical Engineers (ASME)	New York	11 th November, 2019	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed
Analysis of the coupled dynamics of an offshore floating multipurpose platform part B - Hydro-elastic analysis with flexible support platform DOI:10.1115/OMAE2019-96282	C. Ruzzo G. Failla F. Arena M. Collu L. Li A. Mariotti	ASME 2019 38th International Conference on Ocean, Offshore and Arctic Engineering Volume 6: Ocean Space Utilization	Yearly	American Society Mechanical Engineers (ASME)	New York	11 th November, 2019	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed
Design methodology for a floating offshore wind	Fontanella, A., Taruffi, F.,	ASME 2019 38th	Yearly	American Society	New York	11 th November,	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed

turbine largescale outdoor prototype DOI: 10.1115/OMAE2019-95979	Muggiasca, S., Belloli, M.	International Conference on Ocean, Offshore and Arctic Engineering Volume 10		Mechanica l Engineers (ASME)		2019				
Analysis of the coupled dynamics of an offshore floating multi-purpose platform part A - rigid body analysis DOI:10.1115/OMAE2019-96212	L. Li M. Collu C. Ruzzo G. Failla K. A. Abhinav F. Arena	ASME 2019 38th International Conference on Ocean, Offshore and Arctic Engineering Volume 6: Ocean Space Utilization	Yearly	American Society Mechanical Engineers (ASME)	New York	11 th November, 2019	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed
Large Aeroelastic Model of a Floating Offshore Wind Turbine: Mechanical and Mechatronics Design DOI:10.1115/IOWTC2019-7537	Muggiasca, S. Fontanella, H. Taruffi, H. Giberti, A. Facchinetti, M. Belloli, M. Bollati	ASME 2019 2nd International Offshore Wind Technical Conference	Yearly	American Society Mechanical Engineers (ASME)	New York	13 th December, 2019	[No] Embargoed for 1 year	Conference proceedings	Yes -	Performed
On the arrangement of two experimental activities on a novel multi-purpose floating structure concept	C. Ruzzo, A. Romolo, G. Malara F. Arena, F. Taruffi, S. Muggiasca M. Belloli, B. Bouscasse, J. Ohana, A. Santoro, K. Aubriere, G. Brizzi, M. Collu, P. Corvaglia F. Lagasco	4th International Conference on Renewable Energies Offshore	Yearly	Centec	Lisbon, Portugal	12 th - 15 th October 2020	[No] Embargoed for 1 year	Conference proceedings	Yes	Performed
Development and validation of a coupled numerical model for	L. Li M. Collu Y. Gao	4th International Conference on Renewable	Yearly	Taylor and Francis	London	15 th October, 2020	[Yes]	Conference proceedings	Yes	Performed

offshore floating multi-purpose platforms	C. Ruzzo F. Arena F. Taruffi S. Muggiasca M. Belloli	Energies Offshore								
Analysis of the coupled dynamic response of an offshore floating multi-purpose platform for the blue economy DOI:10.1016/j.oceaneng.2020.107943	L. Li C. Ruzzo M. Collu Y. Gao G. Failla F. Arena	Ocean Engineering	Monthly	Elsevier	England	1 st December, 2020	[No]	Journal	Yes	Performed
Scaling strategies for multi-purpose floating structures physical modeling: state of art and new perspectives	C. Ruzzo, S. Muggiasca, G. Malara, F. Taruffi, M. Belloli, M. Collu, L. Li, G. Brizzi, F. Arena.	Applied Ocean Research 108 (2021) 102487	Monthly	Elsevier	Amsterdam	15 th January 2021	[YES]	Journal	Yes	Performed
Design of a multi-use marine area off-shore the Mediterranean Sea DOI: 10.1016 / j.oceaneng.2020.108515	Zanuttigh, B; Palma, G., Brizzi, G., Bellotti, G.; Romano, A., Suffredini, R.	Ocean Engineering 221, (2021), 108515	Special issue on Multi- purpose platforms	Elsevier	Amsterdam	1 th February, 2021	[No] Embargoed for 1 year	Journal	Yes	Performed
A new criterion for multi-purpose platforms siting: Fish endurance to wave motion within offshore farming cages DOI: 10.1016 / j.oceaneng.2021.108751	Brizzi, G. & Sabbagh M.	Ocean Engineering 224 (2021) 108751	Special issue on Multi- purpose platforms	Elsevier	Amsterdam	9 th February, 2021	[No] Embargoed for 1 year	Journal	Yes	Performed
Aerodynamic and structural strategies for the rotor design of a wind turbine scaled model	Muggiasca, S., Taruffi, F., Fontanella, A., Di Carlo, S., Belloli, M.	(2021) Energies, 14 (8), art. no. 2119	Special Issue on Rotary Wing Aerodynamics	MDPI	Switzerland	10 th April 2021	YES	Journal	Yes	Performed

Blue Growth Farm multipurpose platform	Lagasco, F.	OES (Ocean Energy Systems) –	Alternative Market for Ocean Energy publication	Ana Brito e Melo	Portugal	27 th September 2021	[YES]	Magazine	No	Performed
An innovative multi-purpose offshore platform concept for the blue economy proposed by the Blue Growth Farm Project	Gao Y., M. Collu, F. Lagasco, G. Brizzi, F. Arena, C. Ruzzo, A. Santoro	Hydrolink Magazine, HydroLink 3 2021	Quarterly	Angelos N. Findikakis	China, Madrid	10 th October 2021	[YES]	Magazine	No	Performed
Design of an aeroelastic physical model of the DTU 10MW wind turbine for a floating offshore multipurpose platform prototype	Muggiasca, S., Taruffi, F., Fontanella, A., Di Carlo, S., Giberti, H., Facchinetti, A., Belloli, M.	Ocean Engineering, 239, art. no. 109837,	Special issue on multi-purpose platforms	Elsevier	Amsterdam	1 st November 2021	[YES]	Journal	Yes	Performed
Combining wind power and farmed fish: Coastal community perceptions of multi-use offshore renewable energy installations in Europe	Billing S. L., G. Charalambides, P. Tett, M. Giordano, C. Ruzzo, F. Arena, A. Santoro, F. Lagasco, G. Brizzi, M. Collu	Energy Research & Social Science 85 (2022) 102421	Yearly	Elsevier	Amsterdam	7 th December 2021	[YES]	Journal	Yes	Performed

PROJECT DISSEMINATION ACTIVITY

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
1	Participation to a Workshop (oral presentation)	RINA-C	BGF synthetic presentation	SC2 Coordinators Day	Jun 15, 2018	Brussels (B)	Scientific Community	50	EU	Performed
2	Website	RINA	Description on RINA website	https://www.rina.org/en/media/casestudies/blue-growth-farm	Sep 11, 2018	Online	All		Worldwide	Performed
3	Participation to a Workshop (oral presentation)	RINA-C	BGF synthetic presentation	Workshop on Copernicus for Fisheries and Aquaculture workshop	Oct 2, 2018	Brussels (B)	Scientific Community	30	EU	Performed
4	Exhibition	DITREL	Ditrel at OEE	Ocean Energy Europe	Oct 29 – 31, 2018	Edinburgh	Marine Renewable Energy organizations	800	UK, France, Spain	Performed
5	Participation to an event other than Conference or Workshop	RINA-C	Contribution to assessment of Research and Innovation results of projects contributing to the implementation of the BLUEMED Initiative	2nd BLUEMED Project Coordinators' Meeting: Sustaining the lessons learnt and enhancing the BLUEMED Initiative synergies.	Jan 25, 2019	Malta	Scientific Community	200	EU	Performed
6	Participation to an event other than Conference or Workshop / Oral presentation to a wider public	NOEL	Soluzioni innovative per lo sfruttamento dell'energia delle onde di mare	Energia dalle onde di mare – Liceo Scientifico “Alessandro Volta” di Reggio Calabria	Feb 26, 2019	Reggio Calabria, Italy	General Public	50 attendees	Italy	Performed
7	Participation to a Conference /	RINA-C	Fuelling regional growth: still a dream	OMC 2019 (Offshore Mediterranean)	Mar 27-29, 2019	Ravenna (Italy)	Scientific Community	300	EU	Performed

⁴ Type of activities: Organization of Conference/ Organization of Workshops/ Oral presentation to a wider public/ Oral presentation to a scientific event/ Article published in non scientific and non peer reviewed publication/Press release/ Video/ Exhibition/Interview/Poster/Brochure/Flyer/Website/Training/Social Media/Communication campaign (radio/TV)/Participation to a Conference/Participation to a Workshop/Participation to an event other than Conference or Workshop/Brokerage event/Pitch event/Trade fair/Participation in activities organized jointly with other H2020 projects/Other

⁵ Scientific Community (higher education, Research), Industry, Civil society, General Public, Policy makers, Medias, Investors, Customers, Other

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
	Exhibition (oral presentation)		or a concrete possibility?	Conference)			/Industry/ Operators			
8	Participation to a Workshop (written contribution)	RINA-C	BGF presentation	Cluster BIG Workshop	Apr 2, 2019	Rome (IT)	Scientific Community	100	IT	Performed
9	Participation to an event other than Conference or Workshop / Oral presentation to a wider public	NOEL / WAVEIT	Sfruttamento dell'energia del mare ("Exploitation of ocean energy")	Festival della Scienza – Liceo Scientifico "G. Berto" di Vibo Valentia	Apr 4-6, 2019	Vibo Valentia, Italy	General Public	200 attendees	Italy	Performed
10	Participation to an event other than Conference or Workshop / Oral presentation to a wider public	NOEL / WAVEIT	Il progetto Horizon 2020 "The Blue Growth Farm". Grandi isole galleggianti in mare per itticultura e per ottenere energia dal vento e dalle onde	Il mare: da rischio a risorsa – Istituto Superiore "Luigi Nostro – Leonida Repaci" di Villa San Giovanni (RC)	Apr 13, 2019	Villa San Giovanni, Italy	General Public	50 attendees	Italy	Performed
11	Oral presentation to a scientific /industrial event	SAFIER	FOWT 2019 forum	FOWT 2019	Apr 24 - 26 2019	Montpellier (France)	Industry, investors, press	800	EU	Performed
12	Participation to a Conference / Oral presentation to a scientific event	WAVEIT	Wave energy exploitation: U-OWC devices and Blue Growth	1 st International Conference on Design and Management of Harbor, Coastal and Offshore Works – DMPCO2019	May 8-11, 2019	Athens, Greece	Scientific Community	200 attendees	worldwide	Performed
13	Participation to a Conference / Exhibition (oral presentation)	RINA-C	New engineering approach for the development and demonstration of a multi-purpose platform for the Blue Growth Economy	38th International Conference on Ocean, Offshore and Arctic Engineering - OMAE2019	Jun 9 -14, 2019	Glasgow, Scotland	Scientific Community	around 50 session attendees, with more than 1000 conference participants	International	Performed
14	Participation to a Conference /	USTRAT	Analysis of the coupled dynamics of	38th International Conference on Ocean,	Jun 9-14, 2019	Glasgow, Scotland	Scientific Community	around 50 session	International	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
	Exhibition		an offshore floating multi-purpose platform part A - rigid body analysis	Offshore and Arctic Engineering - OMAE2019				attendees, with more than 1000 conference participants		
15	Participation to a Conference / Exhibition (oral presentation)	POLIMI	Design methodology for a floating offshore wind turbine largescale outdoor prototype	38th International Conference on Ocean, Offshore and Arctic Engineering - OMAE2019	Jun 9 -14, 2019	Glasgow, Scotland	Scientific Community	around 50 session attendees, with more than 1000 conference participants	International	Performed
16	Participation to a Conference / Exhibition	NOEL	Analysis of the Coupled Dynamics of an Offshore Floating Multi-Purpose Platform, part B: hydro-elastic analysis with Flexible support platform	38th International Conference on Ocean, Offshore and Arctic Engineering - OMAE2019	Jun 9-14, 2019	Glasgow, Scotland	Scientific Community	around 50 session attendees, with more than 1000 conference participants	International	Performed
17	Participation to a Conference (oral presentation)	POLIMI	Design Methodology for a Floating Offshore Wind Turbine	EAWE 2019 2nd Wind Energy Science Conference	Jun 17-20 2019	Cork, Ireland	Scientific Community	More than 100 people	EU	Performed
18	Participation to an event other than Conference or Workshop / Oral presentation to a wider public	NOEL	REWEC3: dighe portuali per produrre energia elettrica dalle Onde del mare	Tecnologie del Mare e l'Innovazione che parla Italiano – Ministero degli Affari Esteri e della Cooperazione Internazionale	Jun 27-28, 2019	Rome, Italy	Scientific Community, General Public, Policy makers, Medias	200 attendees	Italy	Performed
19	Participation to a Workshop (oral presentation)	RINA-C	BGF presentation	H2020 - SC2 Giornata nazionale di Lancio del bando 2020 IMPARIAMO A VINCERE: QUALI ELEMENTI	Jul 11, 2019	Roma (IT)	Scientific Community Industry, Civil society, Policy makers, Medias	150	IT	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
				FAVORISCONO IL SUCCESSO? Dialogo moderato con una selezione di coordinatori						
20	Participation to a Conference / Exhibition	NOEL / WAVEIT	Distribution of promotional material	13 th European Wave and Tidal Energy Conference - EWTEC2019	Sep 1-6, 2019	Naples, Italy	Scientific Community	700 participants	worldwide	Performed
21	Participation to a Conference / Exhibition	SAGRO	BGF presentation	EAS 2019	29 th Sep to 2 nd Oct 2019	Cork, Ireland	Scientific Community Industry, Civil society, Policy makers, Medias	500	EU	Performed
22	Participation to a Workshop (internal to the Consortium)	SAFIER/ECN	Presentation of BGF project and ECN basin tests	Safier workshop 2019	Oct, 5, 2019	Nantes (France)	Industry, Engineers	40	France	Performed
23	Participation to a Workshop (oral presentation)	RINA-C	BGF presentation	Blue Sea Land 2019	Oct17 -19, 2019	Mazara del Vallo (IT)	Scientific Community Industry, Civil society, Policy makers, Medias	300	IT	Performed
24	Participation to a Conference / Exhibition	SAFIER	University/industry workshop in Campus of Mieres.	Open industry/student conference Campus of Mieres, Oviedo University	Oct 23, 2019	Asturias, Spain	High students, industry	300	Spain	Performed
25	Participation to an event other than Conference or Workshop / Pitch event / Brokerage event	WAVEIT	–	Energy Start-up Day 2019	Oct 31, 2019	Technopark Zurich, Zurich, Switzerland	Industry, Investors	100 participants	European countries	Performed
26	Oral presentation	SAFIER	Presentation to World	8th Annual World	Nov 3, 2019	Xiamen,	Scientists,	900	International	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
	to a scientific /industrial event		Congress of Ocean-2019	Congress of Ocean-2019		China	Industry,			
27	Participation to a Conference / Exhibition (oral presentation)	POLIMI	Large Aeroelastic Model of a Floating Offshore Wind Turbine: Mechanical and Mechatronics Design	2nd International Offshore Wind Technical Conference IOWTC2019	Nov 3 -6, 2019	St George's Bay, St. Julian's, Malta	Scientific Community	around 50 session attendees, with more than 1000 conference participants	International	Performed
28	Exhibition	DITREL	Ditrel at MEW	World Maritime Week (euro fishing, + energy week + seaports)	Feb 12-14, 2019	Bilbao	Marine Renewable Energy + fishing organizations	400	All Europe	Performed
29	Website	RINA	Promotion of OMAE conference	https://www.rina.org/en/media/events/2019/06/12/omae-2019	Jun 2, 2019	Online	all		Worldwide	Performed
30	Website	RINA	Promotion of Mediterranean Workshop	https://www.rina.org/en/media/events/2020/01/22/mediterranean-workshop	Jun 2 2019	Online	all		Worldwide	Performed
31	Social media	RINA	Promotion of OMAE conference on RINA social media	https://www.linkedin.com/feed/update/urn:li:activity:6620587884858613760/	Jun 2 2019	Online	all	7.624 impressions	Worldwide	Performed
32	Participation to a Conference	NOEL	Paper presentation	OSES 2019 (Offshore Energy and Storage Summit), BREST, France, 2019,	Jul 10 – 12, 2019	Brest (France)	Scientific Community	500	Worldwide	Performed
33	Website	RINA	Promotion of the first BGF stakeholders' workshop	https://www.rina.org/it/media/events/2019/09/11/blue-growth-farm-workshop	Sep 3, 2019	Online	all	39 views	Italy	Performed
34	Press release	RINA	Press release to promote the first BGF stakeholders' workshop	https://www.rina.org/it/media/press/2019/09/05/blue-growth-farm	Sep 3 2019	Online	all	Sent to journalists	Italy	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
35	Social media	RINA	Promotion of the first BGF stakeholders' workshop on RINA social media	https://www.linkedin.com/feed/update/urn:li:activity:6574907767033737216/	Sep 3 2019	Online	Italy	3.906 impressions	Italy	Performed
36	Participation to a virtual meeting	NOEL	BGF project presentation	"Il laboratorio NOEL"	Jan 7, 2020	online	Students and professors from Liceo Scientifico "Leonardo da Vinci", Reggio Calabria (RC)	300	National	Performed
37	Social media	RINA	Promotion of the Mediterranean Workshop on RINA social media	https://www.linkedin.com/feed/update/urn:li:activity:6620587884858613760/	Jan 15 2020	Online	all	10.785 impressions	Worldwide	Performed
38	Website	RINA C	News about The Mediterranean Workshop event	https://www.rina.org/en/media/events/2020/01/22/mediterranean-workshop	Jan 22, 2020	Online	Industry	117	Wordwide	Performed
39	Participation to a Workshop (oral presentation)	RINA-C	BGF presentation	The Mediterranean Sea We Need for the Future We Want Regional Workshops for the UN Decade of Ocean Science for Sustainable Development 2021-2030 - UNESCO-IOC	Jan 21 – 23 2020	Venezia (IT)	Scientific Community	100	IT	Performed
40	Webinar	NOEL	BGF project presentation	Go Connect "Mediterranea"	May 6, 2020	Online	Students	100	National	Performed
41	Participation to a virtual meeting	NOEL	BGF project presentation	"Il mare come fonte di energia"	May 7-13, 2020	online	Students and professors from Liceo Scientifico "Leonardo da Vinci",	300	National	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
							Reggio Calabria (RC)			
42	Participation to a virtual meeting	NOEL	BGF project presentation	“Il mare come fonte di energia”	May 15, 2020	online	Students and professors from Liceo Scientifico “Alessandro Volta”, Reggio Calabria (RC)	150	National	Performed
43	Participation to a virtual meeting	NOEL	BGF project presentation	“Il mare come fonte di energia”	May 18, 2020	online	Students and professors from Istituto d’Istruzione Superiore “Nicola Pizi”, Palmi (RC)	100	National	Performed
44	Participation to a virtual meeting	NOEL	BGF project presentation	“Il mare come fonte di energia”	May 22, 2020	online	Students and professors from Istituto d’Istruzione Superiore “P. Mazzone”, Roccella Ionica (RC)	100	National	Performed
45	Organisation of Workshop	RINA-C, SAMS, CHL, NOEL, WAVE-IT	2 nd Stakeholders Reference Group (Part of WP8 scope).	BGF e l’impiego del mare	Sep 11 2020	Online	Stakeholders interesse to BGF	>30	National	Performed
46	Website	RINA C	News about The Second Stakeholders Workshop	https://www.rina.org/it/media/events/2020/09/11/bgf-second-stakeholders-webinar	Sep 11, 2020	Online	Industry	51	Italy	Performed
47	Website	RINA C	News about Capraia Smart Island 2020	https://www.rina.org/it/media/events/2020/09/17/capraia-smart-island-2020	Sep 17, 2020	Online	Industry	39	Italy	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
48	Participation to a Workshop (oral presentation)	RINA-C	BGF project presentation	Capraia	Sep 17, 2020	Online	Food sector operators	>500	National	Performed
49	Social media	RINA C	Promotion of the second stakeholders' workshop on RINA-C LinkedIn page	https://www.linkedin.com/feed/update/urn:li:activity:6707246733988036608/	Sep 20 2020	Online	Industry	4877 impressions, 44 clicks, 60 reactions 1 comment and 11 shares;	Worldwide	Performed
50	Social media	RINA C	Promotion of participation at Capraia Smart Island 2020	https://www.linkedin.com/feed/update/urn:li:activity:6711921309955231744/	Sep 20 2020	Online	Industry	4471 impressions, 57 clicks, 47 reactions, 1 comment and 3 shares	Wordwide	Performed
51	Website	NOEL	News about project meetings and BGF activities	–	Oct 5, 2020 Sep 11, 2020 Jul 1, 2020 Dec 10, 2019 Sep 19, 2019 Sep 11, 2019 Nov 29, 2018	–	–	–	–	Performed
52	Participation to a Conference / Exhibition	NOEL	Paper presentation	RENEW	Oct 12-15, 2020	Online	Marine Renewable Energy	500	Worldwide	Performed
53	Participation to a Conference / Exhibition	USTRAT	Paper presentation	RENEW	Oct 12-15, 2020	Online	Marine Renewable Energy	500	Worldwide	Performed
54	Webinar	SAFIER	PORTOS – Ports Towards Energy Self-Sufficiency	https://portosproject.eu/thematic-seminar-with-stakeholders-innosea/	Nov 2020	Online	all	300	Worldwide	Performed
55	Participation to a Workshop (oral presentation)	RINA-C	BGF synthetic presentation	SC2 Coordinators Day	Dec 2, 2020	Online	Scientific Community	50	EU	Performed
56	Website	CHL	News about BGF activities, link to Project's webpage	–	Dec 10, 2020	Online	all	73 views	Worldwide	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
57	Website	WAVEIT	News about project meetings and BGF activities	–	Jan 20, 2021 Nov 10, 2020 Sep 3, 2020 Jul 8, 2020 Jun 23, 2020 Dec 13, 2019 Jun 29, 2018 Jul 27, 2018 Dec 19, 2018	–	–	–	–	Performed
58	Interview for CityNow local online news	NOEL, RINA-C (with contribution of WAVE-IT)	Reggio - Orgoglio NOEL, una piattaforma unica al mondo sulle acque dello Stretto -	https://www.citynow.it/reggio-calabria-piattaforma-noel-blue-growth-farm/	Feb 27 th , 2021	Digital	Broad Community	> 100.000	IT	Performed
59	Promotion of BGF prototype installation in Reggio Calabria	NOEL	Reggio Calabria: prende forma il progetto “The Blue Growth Farm”, allestita un’innovativa piattaforma nelle acque dello Stretto	http://www.strettoweb.com/foto/2021/02/reggio-calabria-piattaforma-acque-stretto-progetto-the-blue-growth-farm/1137395/#9	Feb 28 th , 2021	Digital	Broad Community	> 100.000	IT	Performed
60	Social media	RINA C	Promotion of BGF prototype installation in Reggio Calabria	https://twitter.com/RINA1861/status/1366712031043321858	Mar 3 rd , 2021	Online	Industry	2039 impressions	Worldwide	Performed
61	Interview for DIRE online news	NOEL	A Reggio Calabria una piattaforma offshore per acquacoltura	https://www.dire.it/04-03-2021/609098-a-reggio-calabria-una-piattaforma-offshore-per-acquacoltura/	Mar 4 th , 2021	Digital	Broad Community	> 100.000	IT	Performed
62	Interview for laCnews24 online news	NOEL	Itticoltura ed energia rinnovabile, ecco la sfida dell’università di Reggio Calabria	https://www.lacnews24.it/economia-e-lavoro/itticoltura-ed-energia-rinnovabile-ecco-la-sfida-dell-universita-di-reggio-calabria-_133158/	Mar 9 th , 2021	Digital	Broad Community	> 100.000	IT	Performed
63	Interview for	NOEL,	L’università	https://www.ilreggino	Mar 9 th , 2021	Digital	Broad	> 100.000	IT	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
	ilReggino.it local online news	RINA-C	Mediterranea in Europa con il progetto “The Blue Growth Farm”	.it/economia-e-lavoro/2021/03/09/lun-iversita-mediterranea-in-europa-con-il-progetto-the-blue-growth-farm/			Community			
64	Organisation of Workshop	SAFIER	BGF experience presentation	The Blue Growth Farm – feeding the future – floating MPP offshore	Apr 14 th , 2021	Online	OES and ICE members	75	EU	Performed
65	Interview for Ilsole24ore online newspaper	NOEL, RINA-C	Reggio studia itticoltura ed energia in mare aperto	https://www.ilsole24ore.com/art/reggio-studia-itticoltura-ed-energia-mare-aperto-ADdHH1RB?refresh_ce=1	Apr 5 th 2021	Digital	Broad Community	> 100.000	IT	Performed
66	Webinar	USTRAT	Offshore Multi-Purpose platforms: Exploiting the synergies between aquaculture and offshore renewables	Blue Economy CRC webinar https://blueeconomycrc.com.au/event/multi-purpose-platform-and-co-location-of-aquaculture-wind-farm/	Apr 21 st , 2021	Online	Scientific and Industrial community	100	International	Performed
67	Conference at ETIP Ocean forum	DITREL	Connecting your KIT: connection of TBGF prototype at open sea	https://www.oceanenergy-europe.eu/past-events/page/5/	May 5 th , 2021	Online webinar	Ocean Energy Professionals and policy makers	70	EU	Performed
68	Participation to a Workshop (oral presentation)	SAMS	BGF experience presentation	Multi-use MED Webinar	May 10 th , 2021	Online	Scientific Community	50	EU	Performed
69	Participation to a Workshop (oral presentation)	RINA-C	The Blue Growth Farm project: integrated technologies for the digital evolution in the offshore aquaculture	Genova Blue District “Digitalizzazione nell’ambito della blue economy”, https://twitter.com/GrowthBlue/status/1413153344491692044	Jul 13 th 2021	Hybrid (Physical and digital (youtube))	Local Scientific Community	100	IT	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
70	Contribution to IAHR Hydrolink special issue on offshore structures	USTRAT (with contribution of RINA-C, CHLA, NOEL, WAVE-IT)	An Innovative Multipurpose Offshore Platform concept for the Blue Economy proposed by the Blue Growth Farm project", by Yan Gao, Maurizio Collu, Fabrizio Lagasco, Giulio Brizzi, Felice Arena, Carlo Ruzzo and Anita Santoro	IAHR Hydrolink special issue on offshore structures	Jul 15 th , 2021	Digital	Scientific Community	>1000	UK	Performed
71	Webinar	USTRAT	Offshore Multi-Purpose platforms: empowering aquaculture through renewable energy	International exchange program	June 23 rd , 2021	Online	Academic researchers	20	NO	Performed
72	Interview for Ocean Energy Systems Technology Collaboration Programme (IEA-OES) publication	RINA-C (with contribution of WAVE-IT)	Blue Growth Farm multipurpose platform	Ocean Energy Systems	Jul 27 th 2021	Digital	Broad community	>1000	PT	Performed
73	BGF participation to the event "BIENNALE di Venezia - Sustainable Revolution session, Architecture, Design and Technology Meet Sustainability	POLIMI, RINA-C	The Blue Growth Farm project	Sustainable Revolution Exposition, within the BIENNALE di Venezia (https://www.sustainablerevolution.org/the-blue-growth-farm/)	Sep 10 th 2021	Physical	Broad Community	> 100.000	IT	Performed
74	BGF participation to European Aquaculture	RINA-C	The Blue Growth Farm project	https://aquaeas.org/Meeting/AE2021	Oct 3 rd -7 th 2021	Physical	Broad Community	> 500	PT	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
	AE2021 Conference Exhibition Trade									
75	Exhibition at World Maritime Week. International meeting about Naval, Fishing, Ports, Oil&Gas and Ocean Renewable Energies.	DITREL	TBGF cable to platform connection showcase.	https://wmw.bilbaoexhibitioncentre.com/en/	October 5 th -7 th , 2021	Physical	Industry	> 100	Worldwide	Performed
76	Organisation of Workshop	RINA-C, SAMS, CHL, NOEL, WAVE-IT, SAGRO	3 rd Stakeholders Reference Group (Part of WP8 scope).	Installazioni Offshore Multifunzionali e impiego sostenibile del mare	Oct 15 th 2020	Online	Stakeholders interested to BGF	>30	National	Performed
77	Participation to Exhibition Trade	RINA-C	The Blue Growth Farm project	Dubai EXPO 2020 (Italian Pavilion)	1 st Oct 2020 ÷ 31 st Mar 2022	Dubai (UE)	BGF video running	> 1000	IT	Performed
78	Quale valorizzazione territoriale dei risultati dei progetti di ricerca europei? Workshop per presentare alcune ricadute dei progetti finanziati nell'ambito della bioeconomia in Horizon 2020	RINA-C	Il Progetto The Blue Growth Farm	Agenzia per la promozione della ricerca europea (APRE), Comitato Nazionale per la Biosicurezza, le Biotecnologie e le Scienze della Vita, Conferenza delle Regioni e delle Province Autonome	Nov 30 th 2021	Online	Restricted	> 100	IT	Performed
79	Participation to a conference	DITREL	TBGF cable to platform connection showcase	Ocean Energy Europe https://www.oceanenergy-europe.eu/annual-event/oe2021/	Dec 6 th -7 th , 2021	Physical	Ocean Energy Professionals	> 200	Europe	Performed

No.	Type of activities ⁴	Main leader	Title	Event	Date (start date- end date)	Place	Type of Audience ⁵	Size of Audience	Countries addressed	Status
80	Participation to a Workshop	NOEL - POLIMI	Presentation of the BGF project	Offshore floating wind platforms – La partecipazione italiana ai bandi europei Esperienze di ingegneria offshore e marina – Studio di aggiornamento 2021 AIOM – Associazione di Ingegneria Offshore e Marina	Dec 18 th , 2021	Naples	Scientific community	> 100	IT	Performed
81	Interview for BH08 - Platforms	POLIMI (with contribution of RINA-C)	Science & Research": discover The Blue Growth Farm project, a multiuse offshore platform integrating blue energy and aquaculture.	https://www.mixcloud.com/blue_horizon/bh08-platforms/	Dec 21 st , 2021	Online	Broad Community	> 100	IT	Performed
82	Participation to a Conference through Poster	POLIMI	Experimental validation of the aero-servo design of a large-scale floating offshore wind turbine model	The Science of Making Torque from Wind' (TORQUE), 9th edition,	1-3 June 2022	Delft, The Netherlands	Scientific Community	More than 100 people	International	Planned (abstract accepted for poster presentation)