

GRRIP



Work Package 2 D2.4 Final Dissemination and Communication Report

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List of abbreviations

AGM	Annual General Meeting
D&C	Dissemination and Communication
GE	Gender Equality
GEP	Gender Equality Plan
GRRIP	Grounding Responsible Research and Innovation Practices
HEIs	Higher Educational Institutes
KPI	Key Performance Indicator
M&M	Marine and Maritime
MaREI	Science Foundation Ireland’s Research Centre for Energy, Climate and Marine research and innovation, at UCC
ML	Mutual Learning
OA	Open Access
PE	Public Engagement
PLOCAN	Oceanic Platform of the Canary Islands (PLATAFORMA OCEÁNICA DE CANARIAS)
QH	Quadruple Helix
R&I	Research and Innovation
RPO	Research Performing Organisation
RFO	Research Funding Organisation
SE	Science Education
SoA	State of the Art
STEM	Science, Technology, Engineering, and Mathematics
SU	Swansea University, Department of Biosciences
WavEC	WavEC - Offshore Renewables
WG	Working Group
WP	Work Package



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1. Introduction

1.1. About GRRIP

The GRRIP project aims to embed sustainable responsible research and innovation (RRI) practices in organisations performing and/or funding research related to the marine and maritime (M&M) sector to achieve institutional change. Marine and maritime sector is an important research area for the EU, and it can meet the important needs of food, energy, and economic growth. At the same time, protecting the marine environment is important for global sustainability. Furthermore, responsiveness to climate-related impacts (e.g., intensifying hurricane seasons, sea level rise) to coastal regions necessitates increasing awareness of marine and maritime issues and education in marine science, thus RRI becomes crucial. Taking actions around ethics, ensuring sex/gender dimensions is considered in research processes and methods, enabling the wider public to understand the scientific process both by increasing STEM (science, technology, engineering and mathematics) education and making available for free the scientific outputs, i.e., papers and publications, and inclusion of the wider society in research and innovation is considered to be ways by which responsible research and innovation can be implemented in organisations involved in research activities.

The GRRIP project has seven RRI expert partners (De Montfort University, Dublin City University, Erasmus University Rotterdam, International Consortium of Research Staff Associations, UNESCO, Rhine-Waal University of Applied Sciences) providing frameworks, structures, and guidelines to four research performing organisations and one dual-function research funding and performing organisation for RRI in their institution's policies and practices, . These implementing organisations that are part of the GRRIP project are:

- MaREI Centre, University College Cork, Ireland
- Sea and Littoral Research Institute, Nantes University, France
- Swansea University, Wales, United Kingdom
- The Oceanic Platform for the Canary Islands (PLOCAN), Spain
- Wave Energy Centre Offshore Renewables (WavEC), Portugal

As responsible innovation means inclusion of societal actors (e.g., citizens, policy makers, companies) during the entire research and innovation process with the aim to align its outcomes with the values, needs, concerns and expectations of society, it is important to disseminate and communicate the outputs and results of the GRRIP project to the wider society.

1.2. About this deliverable

The project had a work package (WP) dedicated to communication and dissemination activities; WP2, led by UCC. The WP ran throughout the duration of the project and all partners have contributed to it. This report provides an overview of the dissemination and communication activities carried out by the GRRIP consortium, that was completed over the duration of the project, and the achievements against the Key Performance Indicators (KPIs).



2. Dissemination channels

2.1. Website

The key considerations when developing the GRRIP website were as follows:

Method or Channel	KPI	Target	Status
Website	Site visits (per month)	750	Average 870 visits a month (October 2022)

Objectives: Website will be developed as the main communication medium for the project; providing user-friendly access to content. The website will be used for both dissemination, communication and exploitation, therefore the main pages will present the project in non-technical language, and a dedicated section for project outputs aimed at stakeholders.

Key audience: Full Quadruple Helix (QH) including Project Members, Research Community, Industry Stakeholders, Civil Society, and the Public as well as all others stakeholder types

Key Impact: The website will serve as the key focal point for the work conducted under the GRRIP Project. It will provide audiences with the necessary information to raise awareness about the project and its events. It makes project deliverables easily accessible, in addition to raising awareness of RRI. The website will also serve as a key post-project legacy asset.

The GRRIP project website www.grrip.eu features the project background, guiding motivations and principles, in addition to the required inclusion of the EU funding acknowledgement. Text for the website highlighting the objectives and expected outcomes was initially developed by UCC and the website was designed, using a WordPress template, and maintained by Verklaren.

The website also features the project partners with links to their respective websites. Interconnected functionality between the project's various platforms is addressed via a direct twitter feed on the home page, as well as links to the project's LinkedIn, Facebook and YouTube pages in the footer. All relative project activities are highlighted via the news section, which hosts the GRRIP Newsletter editions, project updates and press releases, recordings of events and workshops, as well as a section for related industry news.

After a new Dissemination & Communications officer (hired by UCC) came on board, the website underwent some developments and upgrades during the first three months of 2021, with the appointment of a DC officer, to improve on-site performance. This included optimisation on some design elements to improve site speed, as well as plug-in upgrades which increased performance and site capabilities. The changes resulted in a decrease on



the sites bounce rate, and an increase in page views per session. Link paths have also been amended and menu's optimised to allow for a more efficient user flow.

In terms of tracking – WP2 identified and resolved an issue with regards to the integration of Google Analytics over summer of 2021. Tools to provide detailed analytics of website traffic, user behaviour and demographics were integrated into the GRRIP website in August 2021. The aforementioned issues however resulted in some fragmentation of tracking visitors over the course of 2021. Hence, Figure 1 shows tracking from September 2021, and provides the data till September 2022.

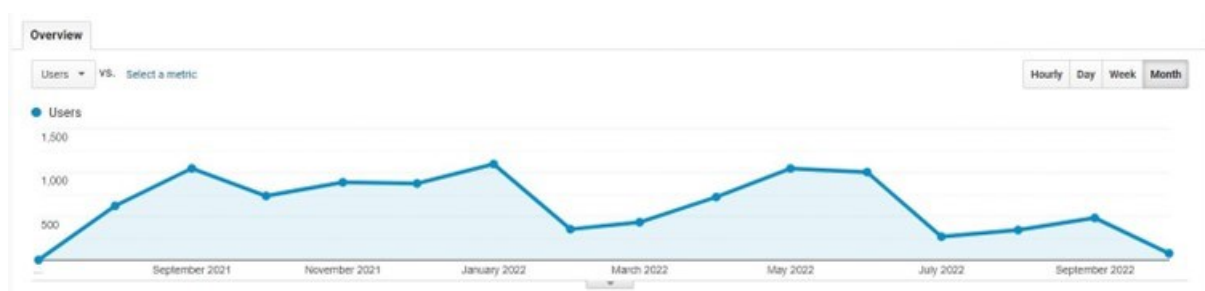


Figure 1: Audience overview (Sessions: Sep 2021 – Sep 2022)

However, what we see in terms of website performance since its resumption is that traffic is generally consistent. If we take sessions¹ as the key metric for measurement against the stated KPI of 750 visits per month – the analytics show that the GRRIP website has accumulated over 11,300 sessions in the period between September 2021 (when data starts to become available) and September 2022 (see Figure 2), which gives an average of 870 visits per month.

During this period there was just under 16,500 page views, by over 9,200 unique users. As the graphs below show, activity spikes when GRRIP is engaged in project activity, such as workshops and the project AGM in Lisbon (May). This is observed during the GRRIP closing event also (see Figure 5).

¹ A session is defined as “a group of user interactions with your website that take place within a given time frame. For example, a single session can contain multiple page views, events, social interactions...”



Figure 2: Number of sessions and Page views

In terms of traffic sources (Figure 3), search and direct traffic are the predominant channels for attracting users, suggesting the site is well primed in terms of SEO.

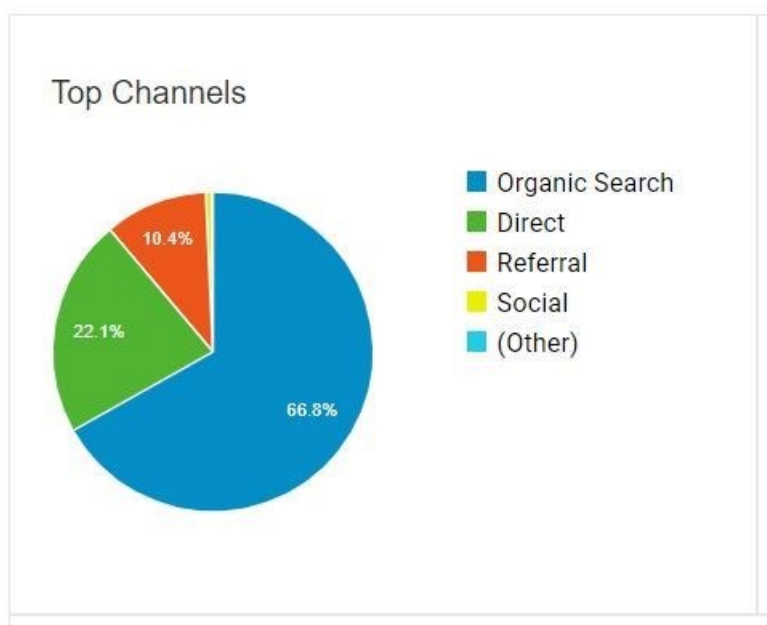


Figure 3: Traffic sources

In terms of content performance (Figure 4) – the home page is responsible for a significant proportion of overall page views (38%), which is unsurprising given the predominance of search and direct traffic as traffic sources. Other pages that performed well include content relating to the Quadruple Helix and responsibility (33%).

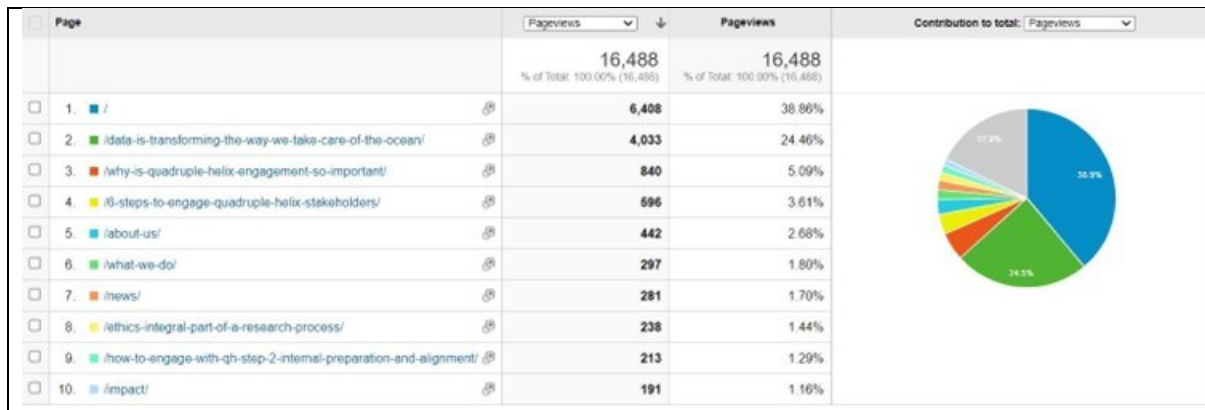


Figure 4: Content performance

The website has continued to be maintained and updated monthly with relevant materials documenting the progress of GRRIP and its associated sites. This includes materials such as events, and the maintenance of the GRRIP library with deliverable documents.

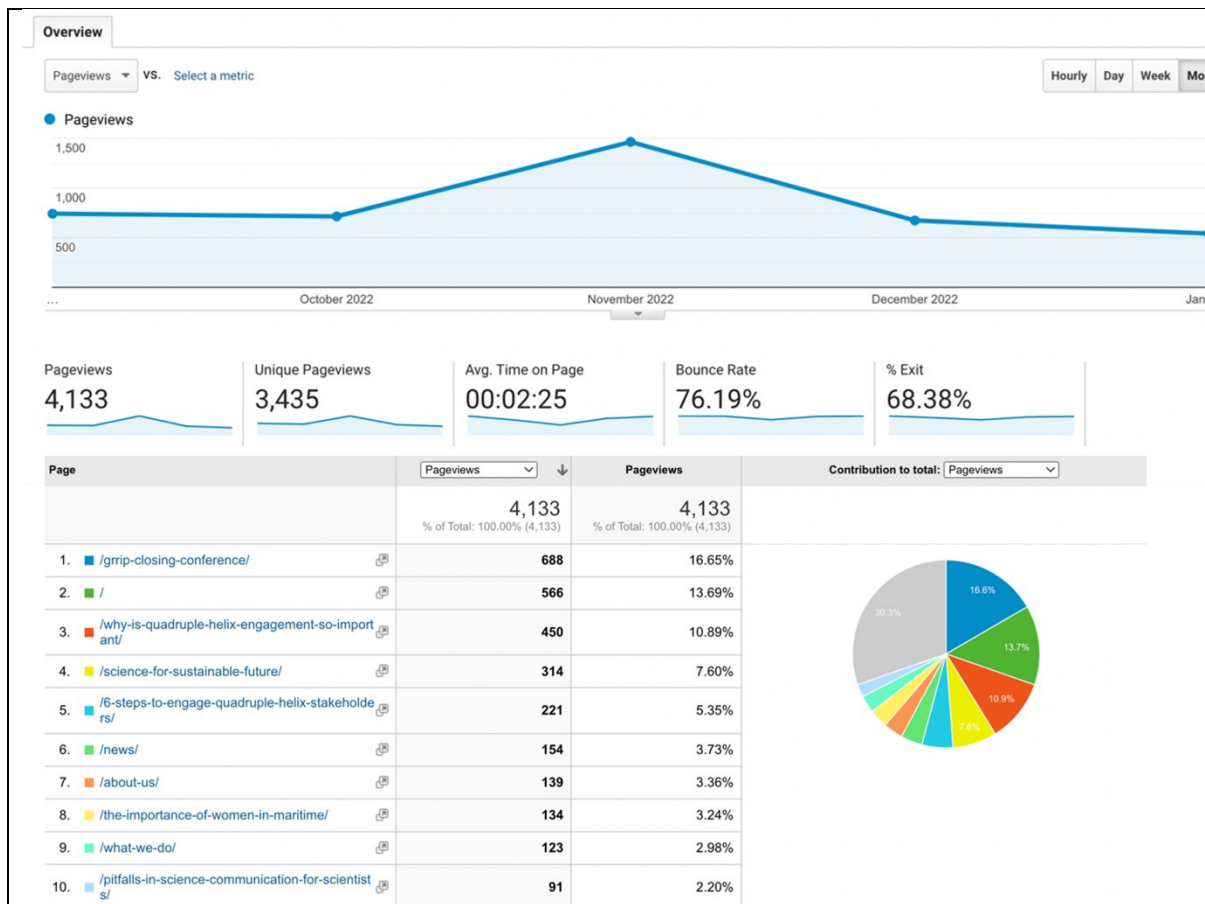


Figure 5: Increased activity in the period of project events



2.2. Social media

Method or Channel	KPI	Target	Status
Social media Twitter and LinkedIn	Followers	500	650 followers across four social media platforms (Twitter, LinkedIn, Facebook and YouTube) by October 2022

Objectives: To effectively communicate and transfer the outputs and results of GRRIP to the wider public entities and audience, business, and investment communities.

Key Audience: Full Quadruple Helix including Project Members, Research Community, Industry Stakeholders, Civil Society, and the Public as well as all others stakeholder types.

Key Impact: Promote awareness of the GRRIP Project, with a particular focus on project activities (workshops, events, reports, and deliverables).

GRRIP’s social media activity was initiated and managed initially by Verklaren. The responsibility for managing the associated accounts eventually passed to the projects Dissemination & Communications officer (UCC – WP2) in October 2020. The project in August-September 2021 incorporated a more collective approach to social media outputs by sharing log in details with the GRRIP consortium members as a means of decentralising / democratizing access to these channels so that more scope is given to providing a platform for different voices and expertise from within the project.

Twitter was the most successful in terms of metrics related to posting activities. Twitter impressions for the project by December 2022 are numbered at just under 200,000. The project also has profiles on Facebook and LinkedIn, as well as YouTube, where there are 21 videos available. These platforms have considerably less followers than the Twitter account – and it should be noted that in terms of performance, success cannot be guaranteed due largely to the algorithms deployed by the platforms.

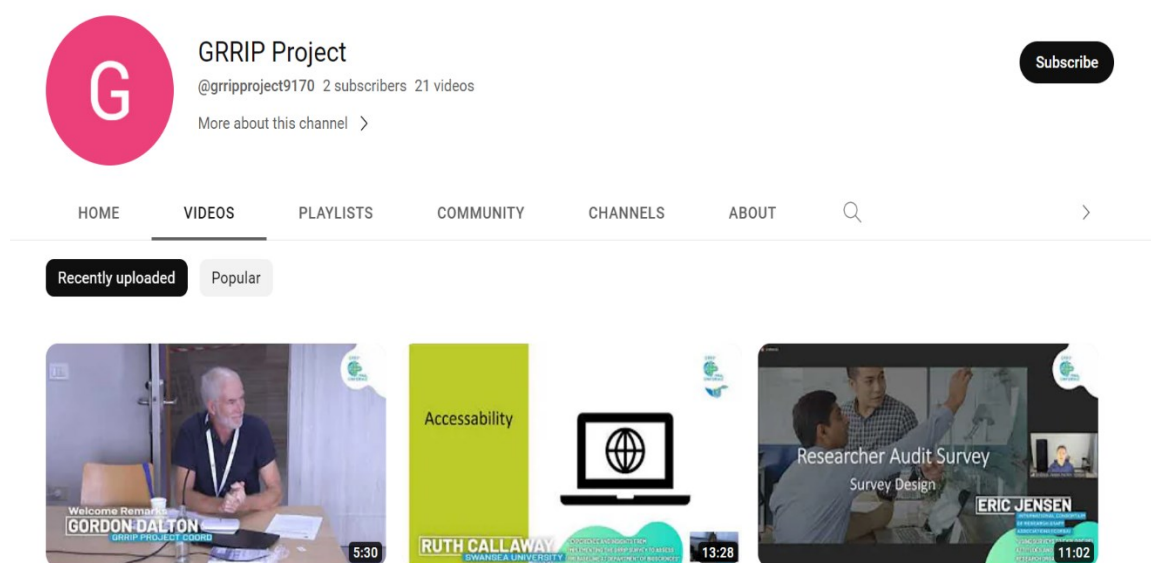


Figure 6 GRRIP project’s YouTube Channel





Figure 7: GRRIP's twitter followers

In building an audience at the beginning the content tended to revolve around general themes related to GRRIP. During the later stages of the project, social media channels have been used primarily to disseminate information related to specific GRRIP activities, including promotion of workshops and event participations, sharing of materials related to activities (i.e. Video recordings of GRRIP workshops, and associated reports), project updates and newsletter deployment). The tweet impressions considerably increase around events, for example, see Figures 7, 8 and 9. New followers also tend to get added in the period around major events (GRRIP AGM in May 2022, and GRRIP closing meeting in December 2022).

It is indeed the case that non-Twitter platforms have considerably less followers than the GRRIP Twitter account at present. In terms of the KPI however, GRRIP targeted reaching 500 followers. This has been exceeded, with a combined 650 followers (till early October 2022) across the project's social media channels.

May 2022 • 31 days

TWEET HIGHLIGHTS

Top Tweet earned 622 impressions

Participants both here at the Oriente Foundation, Lisbon and online are ready for the @GRRIP_PROJECT Annual General Meeting. Looking forward to hearing on progress within the respective work packages. pic.twitter.com/dmonwal1p8



1 2 10

[View Tweet activity](#)

[View all Tweet activity](#)

Top mention earned 41 engagements

Participants both here at the Oriente Foundation, Lisbon and online are ready for the @GRRIP_PROJECT Annual General Meeting. Looking forward to hearing on progress within the respective work packages. pic.twitter.com/dmonwal1p8



1 2 10

[View Tweet activity](#)

[View all Tweet activity](#)

MAY 2022 SUMMARY

Tweets
72

Tweet impressions
5,312

Profile visits
4,312

Mentions
13

New followers
10

Top Follower followed by 2,786 people



Transforming Evidence

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[View profile](#)

Top media Tweet earned 393 impressions

The @GRRIP_PROJECT is back at the Oriente Foundation for today's #MutualLearning session. We'll be reflecting on QH engagement and sharing our experiences of #RRI implementation with #COCHANGE2020, #NewHorizon and @NucleusRRI amongst other items. pic.twitter.com/u1KARzmLKW



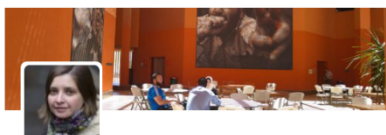
2 2 9

Figure 8: Twitter Analytics (May 2022)

Nov 2022 • 30 days

TWEET HIGHLIGHTS

Top Follower followed by 9,157 people



Iryna Kuchma

@irynakuchma FOLLOWS YOU

Now here @irynakuchma@mstdn.social | Open Access Programme Manager @EIFLnet | open science | open data | @OpenAIRE_eu | @optima_open | @EOSCFuture

[View profile](#)

NOV 2022 SUMMARY

Tweet impressions
12.7K

New followers
7

Figure 9: Twitter impressions in November 2022



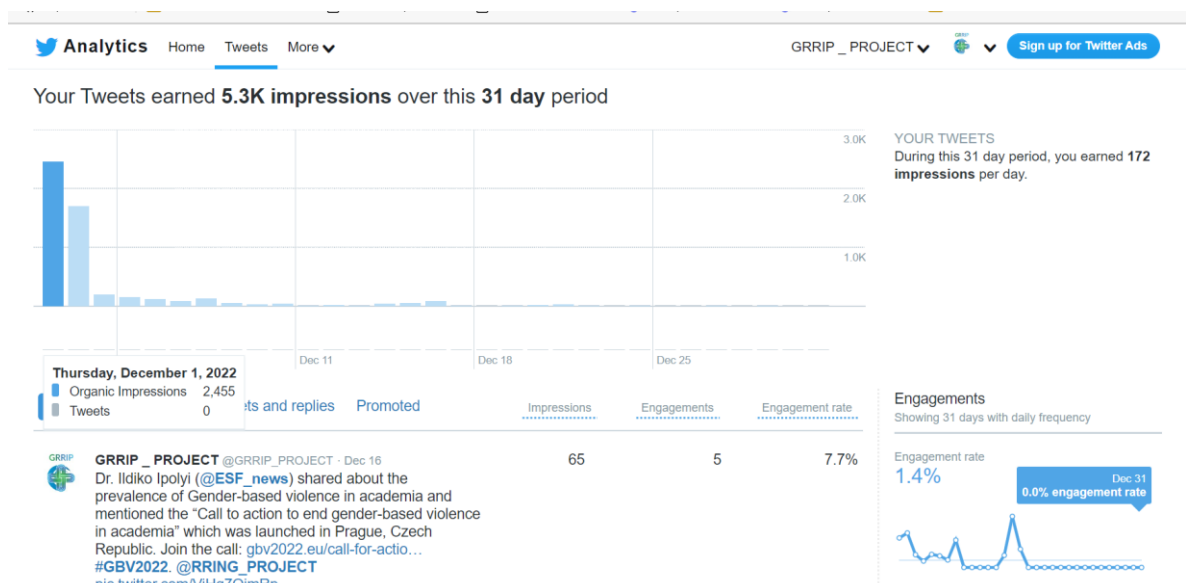


Figure 10: Total impressions of all tweets in December 2022 (New followers: 14 in December 2022)

2.3. Newsletters

Method or Channel	KPI	Target	Status
Newsletter	Readers reached (per issue)	200	28 mails deployed (December 2022) 264 subscribers
	Number of newsletters	6	6 newsletters prepared and deployed

- Objective:** To effectively disseminate and transfer the outputs and results of GRRIP to its key stakeholders, and the wider public entities.
- Key audience:** Full Quadruple Helix including Project Members, Research Community, Industry Stakeholders, Civil Society, and the Public as well as all others stakeholder types.
- Key Impact:** Awareness of the GRRIP project, including information pertaining to the five site partners, articles highlighting the impact of RRI within the context of the GRRIP Project, and project news and updates.

The subscribers are segmented by site partner affiliations, and each newsletter campaign is divided according to segments. Each newsletter campaign comprises of seven individualised / personalised mailouts (5 partner sites in addition to GRRIP Partners and Non-Affiliate). This has resulted in a total of 28 newsletter emails being sent (as of 31 December 2022).

In terms of Newsletter content, a design and content template was produced by WP2 (UCC). The content to be included would feature an interview with a representative from each of the five case study sites, a profile piece on the site partner, an article on RRI, project news and updates, as well as a foreword contribution by an RRI expert. This was supplemented in the mail campaigns, by additional materials, such as embedded workshop videos from recent events.

Furthermore, the creation of a specially convened Dissemination & Communication Editorial Board provided assistance in refining the content and design prior to deployment.



It should be noted at this juncture that the project successfully sought a revision of the original KPI of 48 newsletters, as it felt it did not have sufficient material to justify the deployment of this many newsletters / ezines, particularly during the early stages of its development. Rather than try and catch up on a target the project deemed unrealistic, the project instead focused on quality over quantity for the remaining period. It was felt that this would ensure that the receiving audience did not suffer from GRRIP fatigue and instead keep engagement metrics (open & click through rates) favorable. The agreed upon target was the dissemination of six GRRIP Project newsletters, which has been achieved. In terms of performance, in summers, the open rate for the campaigns on average was under that of industry (education) average (16.5% v 25.6%), the click rate slightly out performed in that category (4.9% v 3.6%). However, this increased for the later newsletters. The comparative under-performance in open rate for the summer newsletter can be attributed to a number of factors, namely, that in addition to the newsletters being deployed via a mailing platform (Mailchimp), the newsletter was also hosted on the GRRIP website (under the news and newsletter section), as well as via the projects social media channels (Twitter, LinkedIn and Facebook) – see Annex 1. Or, people were unavailable due to summer holidays.

Newsletters were also deployed internally by site partners (e.g., IUML released two newsletters in June 2022, and October 2022 to report work done under GRRIP).

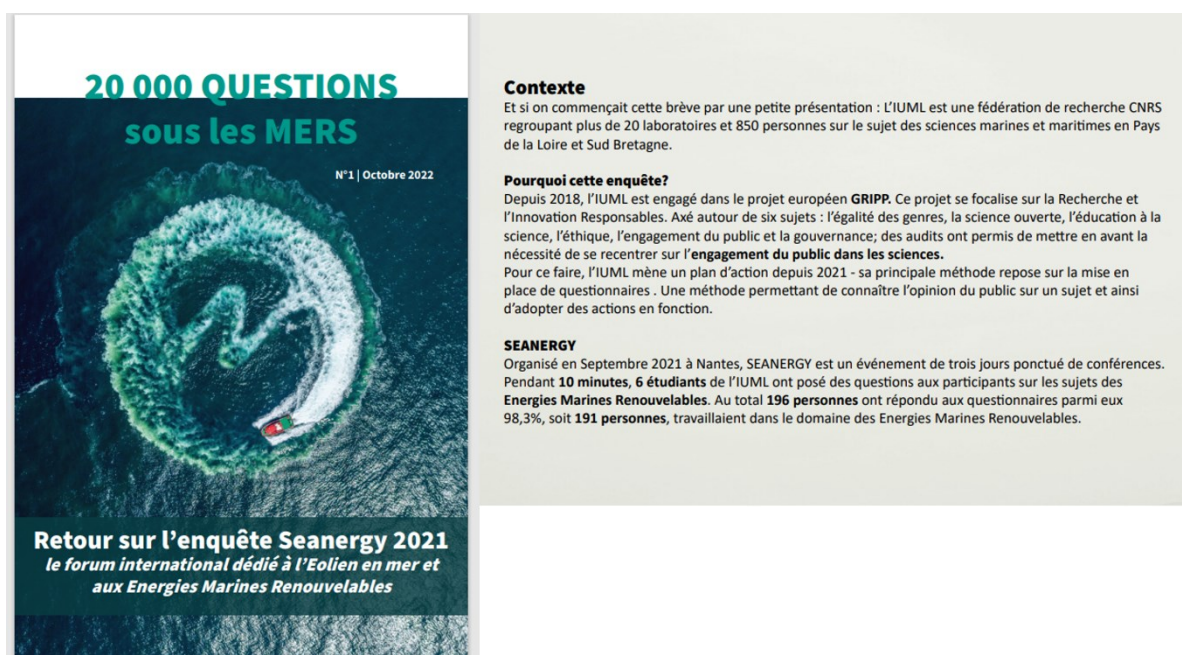


Figure 11: IUML's October 2022 newsletter discussing the findings of the survey conducted during in Seanergy Conference (2021). Available at: <https://iuml.fr/grand-public>



GRRIP Project - collective reflection through Mutual Learning: a continuous process

Xiaoyue Tan & Hub Zwart, Erasmus School of Philosophy, Erasmus University
Rotterdam, the Netherlands

GRRIP aims to embed RRI (Responsible Research and Innovation) into the governance structure of four European Marine and Maritime (M&M) research performing organisations and one dual function research performing and funding organisation. This aim is fulfilled through an ongoing mutual learning process, in combination with periodic evaluations and reflections, both within the project consortium and Quadruple Helix (QH) representatives.

The Mutual Learning Exercises (MLEs) approach entails a specific understanding of the role of expertise. It moves away from the knowledge deficit model, where experts are expected to inform the public (as outsiders) of research results in a one-directional manner or where experts within the organisation inform and instruct colleagues on RRI.

Rather, the starting point in any engagement activity is that all participants are experts in the sense of representing important views and experiences concerning how research can be done and what its impacts could be. Multiple viewpoints and experiences are helpful as in many cases it is difficult to predict how research endeavours will evolve and how society may be affected because the future is open and indeterminate.

GRRIP's design included mutual learning meetings involving project consortium members, site representatives, and QH actors (from academia, industry, policy, civil society) at different stages of the project, i.e., Audit stage, Action Plan (AP) design stage, AP implementation stage and project completion stage, to promote shared reflection about the outcomes at each of these. In addition, periodic evaluation (which provided a context for further reflection) with all participants was integrated into the project conceptualisation.

In October 2020, after the audit stage was completed, three on-line mutual learning workshops were held for paired sites, based on the preliminary evaluation results concerning the "RRI maturity level" for each. The discussions helped clarify open data commitments in GRRIP and arrive at shared understandings and the required steps forward. One on-line mutual learning workshop was held for all five sites in January 2021 to discuss the draft Action Plans based on the audit results. This mutual learning event had 19 participants from the five case study sites, of which 40% of the participants reported that they had learnt a lot or a great deal.



In May 2022, a hybrid mutual learning session was conducted within the consortium during the GRRIP General Meeting at Lisbon, to understand the drivers and challenges of QH engagement and lessons learnt from project implementation. It was shared that QH engagement is seen to be beneficial as it can increase local communities' support for a particular project and improve quality of work and knowledge.

Language barriers (academics tend to use terms which are specific to their disciplines) were raised as challenges of QH engagement. Other barriers mentioned included: resource constraints for regular QH engagement, non-recognition of its potential value in career progression of researchers, and difficulties to engage QH (external members, who give voluntary time) specifically with regard to the actions being taken for implementation of the RRI keys within the five M&M organisations in the GRRIP project.

Proposed solutions to these challenges included engaging various representatives using language that can be understood by non-academics, developing shared understandings, influencing research funding organisations for changes in evaluation of research performance, developing a RRI accreditation system (similar to Athena Swan), and the incorporation of public engagement in research methodologies.

Figure 12 GRRIP Summer Newsletter 2022





Audience performance



Figure 13: Number of subscribers (October 2022)

Total opens	Open rate	Click rate	Clicked
300	18%	30%	129

Figure 14: GRRIP winter newsletter (2022-23) – analytics

2.4. Press releases

The KPI of press-release were

Method or Channel	KPI	Target	Status
Press Releases	No. of press releases	8	9 press releases

Objective: Disseminate key core messaging regarding the GRRIP Project (i.e. information pertaining to key strategic events, project coordination, outputs such as reports etc.) to partners and the wider QH.

Key audience: Media, research performing and research funding organisations and parties connected directly or indirectly to the GRRIP Project (through internal communication channels).

Key Impact: Raise awareness of the GRRIP project and core activities.

The project has deployed nine press releases to (see table 1 below). The topics covered in the press releases include a recap of the AGM and Mutual Learning Sessions held in Lisbon in May, an update regarding transfer of project coordination between partners, information related to workshops and events and the publication of a report which resulted from a virtual workshop.

All press releases were also disseminated internally through the partner sites where applicable / relevant.

Table 1 Press release details.

Contributing Site	Press Release	Press Release Link	Details	Date of Delivery	Audience
WavEC	GRRIP to host workshop on Funding Opportunities for Offshore Wind Projects in Europe	https://grrip.eu/grrip-to-host-workshop-on-funding-opportunities-for-offshore-wind-projects-in-europe/	GRRIP organised event in association with TWIND - webinar covered the Horizon Europe call 5, Work Programme 2021-2022, Section 8, Climate, Energy and Mobility.	10/1/2021	Horizon 2020 projects, research performing and research funding organisations
PLOCAN	PLOCAN organizes a workshop to ease and accelerate the deployment of offshore renewable energies in Spain	https://plocan.eu/en/plocan-organizes-a-workshop-to-ease-and-accelerate-the-deployment-of-offshore-renewable-energies-in-spain	To discuss the best practices in the management of authorizations and permits related to offshore renewable energies that already exist in Portugal and other European countries, as well as the current status and how they can be transferred to Spain	5/3/2021	QH representatives : Government/R regulators/Policy makers = 6; Academia 5; Private sector/large companies/SM Es= 9; citizens/NGOs/ Media =4
MaREI	Shaping the future of Marine and Maritime communities Virtual Workshop – Summary Report	https://grrip.eu/shaping-the-future-of-marine-and-maritime-communities-virtual-workshop-summary-report/	GRRIP supported event. Discussions based on five topics affecting the marine and maritime sector and associated communities.	6/1/2021	45 participants from QH: Government and Policy Implementors (11) / Civil Society (13) / Higher Education Institutes (12) / Industry & Business (9)
PLOCAN / MaREI	PLOCAN takes over coordination of EU funded projects GRRIP and MUSICA	https://grrip.eu/plocan-takes-over-coordination-of-eu-funded-projects-grrip-and-musica/	Press release detailing change of project coordination.	7/10/2021	General QH



Contributing Site	Press Release	Press Release Link	Details	Date of Delivery	Audience
MaREI	GRRIP makes key contribution to United Nations General Assembly Science Summit	https://grrip.eu/grrip-makes-key-contribution-to-united-nations-general-assembly-science-summit/	GRRIP participation in the United Nations General Assembly Science Summit - providing key input and findings from GRRIP project in a session focused on Responsible Research & Innovation for Sustainable Development.	10/8/2021	General QH
PLOCAN	PLOCAN signs the strategic framework of the 2030 Agenda for Sustainable Development in the Canary Islands	https://plocan.eu/en/plocan-firma-el-marco-estrategico-de-la-agenda-canaria-de-desarrollo-sostenible-2030-2	SDGs are closely related to GRRIP	02/12/2021	General
MaREI	GRRIP Consortium travels to Lisbon for project Annual General Meeting	https://grrip.eu/grrip-consortium-travels-to-lisbon-for-project-agm/	Details of GRRIP AGM and Mutual Learning session held in Lisbon.	30/05/2022	General QH
MaREI	Announcement of GRRIP closing event	https://www.mar-ei.ie/grrip-final-conference/	Details of the GRRIP closing event and Agenda	4/11/2022	General
MaREI	GRRIP Closing Conference Grounding Responsible Research and Innovation Practices (GRRIP) in marine and maritime research organisations: Explorations and Determinations	https://grrip.eu/grrip-closing-conference/	Details of GRRIP Closing conference held in Gran Canaria	1/ 12/ 2022	General

2.5. Press interviews

Method or Channel	KPI	Target	Status
Press Interviews	No. of interviews	2	4

Objective: Gain more widespread exposure for the project and its aims / efforts in relation to RRI within the marine and maritime sectors.

Key audience: General QH

Key Impact: Raise awareness of the GRRIP project and core activities.



In the projects experience, press interviews cannot be guaranteed – it’s dependent on whether the media is interested in GRRIP’s outcomes or whether they dovetail with current news events (presenting opportunities for potential op-ed pieces etc.). Following an initial review and with approval from the EC, the KPI target was reduced to two press interviews. This target has been achieved, and there is still potential for further interviews in line with the closing event.

In terms of efforts made by the Dissemination & Communication WP, a number of interviews and opinion-editorial’s were pitched to media, via MaREI’s media department. However, the project was unable to secure further press interviews to the 3 detailed below. Relevant updates and press releases were however shared on internal communications channels across the five sites.

Contributing Site	Topic	Medium	Publisher	Link	Value / Relevancy to GRRIP	Date of Delivery
Swansea University	Ecoengineering and stakeholder engagement	Radio	BBC	https://www.bbc.co.uk/programmes/m0017j5j	Dr Callaway is interviewed about ecoengineering and working in collaboration with stakeholders.	26/05/2022
Swansea University	Interview with GRRIP member Dr Ruth Callaway	TV	BBC	https://www.bbc.co.uk/iplayer/episode/m0014t9k/great-coastal-railway-journeys-series-1-23-port-talbot-to-pembrey-burry-port	Dr Callaway discuss new research into sea walls, providing insight into the ground-breaking design work on a new generation of sea defences, which takes into account both engineering properties and biodiversity. During the interview Dr Callaway discusses the vital role of stakeholder engagement in the design process.	23/02/2022
IUML	Interview with Prof. Franck Schoefs	TV	France 3	https://www.youtube.com/watch?v=baESZu0-JpE&t=2708s&ab_channel=France3PaysdeLaLoire	Professor Franck Schoefs of IUML participated in an interview for a French TV programme, in which he explains why he thinks offshore wind is one of the key solutions for energy, and references GRRIP.	10/11/2021
Swansea University	Interview with Dr. Ruth Callaway	TV	BBC	https://www.bbc.co.uk/programmes/b0079frs	Interview together with fisherman for BBC Country Focus (Dr. Ruth Callaway).	October 2022



2.6. Peer-reviewed Publications

Method or Channel	KPI	Status
Publications	8	3

Data note:

Jensen EA and Lorenz L. Evaluating researcher and stakeholder perspectives on socially responsible research and innovation practices in research performing organisations [version 1; peer review: 2 approved with reservations]. *Open Res Europe* 2021, 1:150 (<https://doi.org/10.12688/openreseurope.14325.1>)

Essay:

Jensen, E.A., 2022. Global indicators framework for socially responsible research and innovation (RRI): How to monitor public and researcher perspectives. *Open Research Europe*, 2(36), p.36. <https://open-research-europe.ec.europa.eu/articles/2-36>.

Book chapter:

Juliana Chaves-Chaparro and José Andrés Domínguez Gómez (2023) Responsible research for real social impact. In: GUADALUPE ORTIZ, ANTONIO ALEDO and JOSÉ ANDRÉS DOMÍNGUEZ-GÓMEZ (Eds.); *Social impact and development - contributions and challenges from the Ibero- American experience* [online] Available from: <https://rua.ua.es/dspace/handle/10045/132022>.

The plan provided in periodic technical report of PR2 is provided in Annex 2.

3. Organising events and workshops

3.1. Delivery of Mutual Learning workshops

Mutual Learning workshops have happened throughout the project duration. There were three ML workshops organised by EUR in RP1 for WP3, state-of-the-art review, six² ML workshops and sessions³ organised by EUR, DCU, and DMU in RP2 (audit and action plan development, M&E and QH engagement), and five⁴ ML workshops and sessions organised by UCC in RP3, of which three ML sessions were with other SWaFS projects. In total, there were nine **ML** workshops, thus exceeding the target of four ML workshops and fourteen ML workshops and sessions. Thus, a living laboratory was created in which RRI experts and case study sites (and in few cases, other SWaFS projects) jointly critiqued and moved incrementally towards more developed and more plausible scenarios through critical assessments of RRI

² One under WP4 – part of D4.3, in June 2020; series of ML under WP8 leadership: in October 2020 = three under WP5, one under WP6 (21 January 2021), one ML session under WP4 (12 April 2021)

³ Here, sessions means focus on a different topic for ML, but could be on the same day.

⁴ Lisbon meeting = three ML sessions, one on 24 May, and two on 25 May 2022; two ML sessions in GRRIP closing conference on 1 and 2 December 2022. However, the entire final conference of GRRIP was a platform for ML, as each session had presentations from other SWaFS projects and discussion sessions, involving the QH. Hence, final GRRIP closing meeting is considered as one workshop (and also a conference).



and attempted to bridge the gap between theory and practice. These workshops and sessions resulted in the creation of a broader deliberative and deeply reflexive culture.

During January 2019 – April 2020, three ML workshops were organised with the aim to facilitate refinement of and learning about SoA results across the Work Packages and GRRIP sites (details in D3.2: State of the Art review of European RRI projects).

Three Mutual Learning workshops were held in October 2020. These workshops were scheduled after the draft report on the results of the audit (conducted in WP5) regarding the maturity level of RRI institutionalisation was shared with the sites. Then, a ML workshop was organised in January 2021 at the action plan development stage and in April 2021, a ML session was organised to discuss M&E approach. During RP3 (July 2021 to December 2022), two Mutual Learning workshops were organised, of which three were with other projects funded under the SWaFS programme. The main points from these ML workshops are in D8.4: Mutual Learning Reports.

Event Title:	GRRIP Project Mutual Learning Workshop
Event Type:	Mutual Learning Session (hybrid)
Date:	25/05/2022
Organiser:	GRRIP Project
Location:	Museum of the Orient, Lisbon, Portugal
Outputs:	Key points from the sessions are included D8.4: Mutual Learning Reports
Event description:	The event was attended by GRRIP members virtually along with representatives from a number of other EU funded RRI focused projects.

Topics covered over the course of the session included “Reflections on QH engagement: a mutual learning dialogue” and “Sharing experiences and lessons learned from project implementation” both of which were facilitated by Erasmus University Rotterdam’s Hub Zwart.

A session entitled “Experiences and learnings of RRI implementation with other EU funded projects” sparked a wide-ranging conversation on the merits of RRI, the biggest obstacles faced and the path forward for successful integration of RRI principles in institutions. The session included contributions from representatives of RRI focused projects Co-Change, NewHoRRizon, and NUCLEUS. The session was moderated by Indrani Mahapatra from UCC.



Mutual Learning Workshop

IMPLEMENTING RRI

- sharing experiences of the Co-Change, GRRIP, NewHoRRizon, and NUCLEUS projects



Figure 15: Mutual Learning session in Annual General Meeting on 25 May 2022, Lisbon, Portugal

3.2. Information sessions

Information Session in GRRIP, has been defined as GRRIP Working Group meetings, meetings within RPO&RFO staff related to RRI, Quadruple Helix meetings, 1:1 meeting with QH representatives where discussions are held on GRRIP and/or RRI, or update meetings with QH regarding action plan progress. The outputs of these sessions were for generation of ideas, knowledge dissemination, lessons learned, collective reflections. A non-exhaustive list of information sessions is provided in Annex 4. The target of 24 information sessions is achieved and exceeded as the actual number of information sessions are higher (regular meetings have not been included in the reporting, e.g., case study sites have monthly meetings about GRRIP progress, updates to management committee, management boards, etc.)

4. Conference, workshops, and events attendance

All partners have been actively contributing to these tasks by promoting the GRRIP project. **Please refer to Annex 5** which provides an overview of conferences/workshops/events attended by each of the partners in the project period (please note that this is a non-exhaustive list). In addition to these, there were a number of other conferences, workshops and webinars which GRRIP organised or contributed to, including:

- III International Triple Helix Summit – session on Institutional change in European Research Funding and Performing Organisations – the power of RRI (November 2020)
- Authorizations and permits in the offshore wind energy sector (March 2021).



- Cluster Event of the European Commission: Institutional changes towards open science and societal engagement in research and innovation (July 2021)
- UNGA76 Science Summit; Session: Responsible Research and Innovation (RRI) for Sustainable Development (September 2021)
- Presentation on RRI to a 22 member delegation from Washington state at IUML, NU (September 2021)
- Cross-SwafS Forum x 6 (September 2021, December 2021, February 2022, April 2022, June 2022, October 2022).
- The Future of Coastal Communities in Swansea and South Wales: A multistakeholder workshop (September 2021)
- Panel discussions on Citizen Science Activities in the EU Mission (Feb 2022)
- Scientific day of Nantes Université (NU) (June 2022)

Additionally, there was a further six workshops where GRRIP had a major presence: StarBios, ReConfigure, RRI and The Blue Economy, RRING Workshop 1, RRING Workshop 2, and RRING Virtual Summit. The consortium partners collectively organised 15 GRRIP related workshops for external audiences, of which nine focused exclusively on RRI.

4.1. Presentations

The GRRIP consortium partners delivered 12 presentations in various workshops, events, and conferences over the GRRIP project duration.



Your scientists were so preoccupied with whether or not they could, they didn't stop to think if they should.

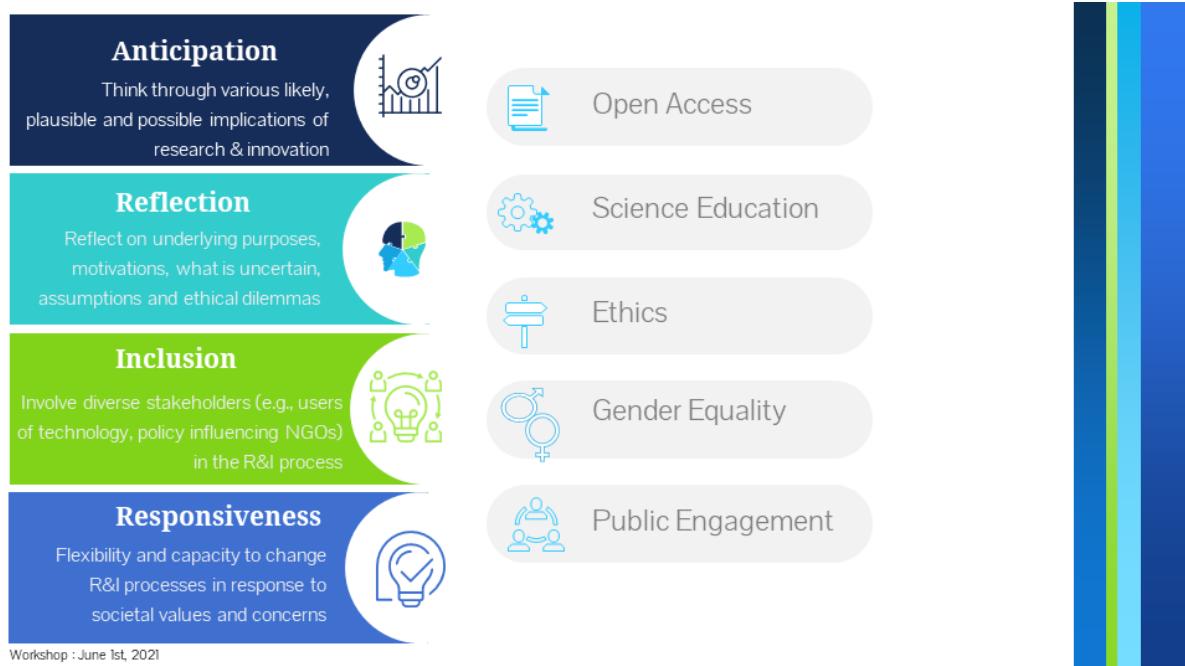
Ian Malcolm, Jurassic Park

Workshop : June 1st, 2021



Example slides from the workshop: Shaping the future of marine and maritime communities





Anticipation
Think through various likely, plausible and possible implications of research & innovation

Reflection
Reflect on underlying purposes, motivations, what is uncertain, assumptions and ethical dilemmas

Inclusion
Involve diverse stakeholders (e.g., users of technology, policy influencing NGOs) in the R&I process

Responsiveness
Flexibility and capacity to change R&I processes in response to societal values and concerns

Open Access

Science Education

Ethics

Gender Equality

Public Engagement

Workshop : June 1st, 2021

Example slides from the workshop: Shaping the future of marine and maritime communities

4.2. Booths, leaflets/ factsheets/promotional materials

Method or Channel	KPI	Target	Status
Project Booths	Number of booths	4	Achieved
Leaflets distributed	No. of leaflets	100 per event @ 4 events	Achieved
Factsheets	No. of factsheets	100 per event @ 2 events	Achieved

Booth space was for two events - European Maritime day, May 2019 and AAAS conference at Seattle in February 2020, where GRRIP flyers/leaflets were distributed. Due to the pandemic, we revisited GRRIP's D&C KPIs and defined project Booth as GRRIP having any presence at a Conference event – this can include having GRRIP promotional materials (Factsheets, flyers, poster) available for distribution even if the booth itself is not being manned specifically under the GRRIP banner. The objective was to promote GRRIP and RRI. Moreover, since March 2020 to February 2022 was largely treated as COVID-19 period, and travel was severely limited till July 2021, many conferences moved from their traditional formats towards a workshop format, with features such as breakout rooms being commonplace at such events. Thus, the booth concept evolved in the GRRP project to include D&C about GRRIP at major conferences. Post pandemic leaflets and factsheets were distributed in the International Ocean Conference on Ocean Energy (ICOE) and Ocean Energy Europe's (OEE) annual event in October 2022, and World Science Forum, Cape Town, December 2022. GRRIP flyers and posters were distributed in the Seaenergy conference in September 2021, and "Festival of Science" in October 2021.





Figure 16: Factsheet distributed at the event of International Ocean Conference on Ocean Energy (ICOE) and Ocean Energy Europe's (OEE) annual event (18-20 October 2022)

5. Virtual forums

Method or Channel	KPI	Target	Status
Virtual Forums on 1. SoA of RRI in M&M 2. QH engagement in RRI	Members	200	Achieved

Definition / Objective: Virtual forums are defined as meetings conducted with a group of people online on topics related to R&I in the M&M sector, marine and marine communities' issues, RRI dimensions, etc.

KPI: 200 (Total number of members attending Virtual Forums) over four years. It is anticipated that the IUML virtual forum will be in French.

The GRRIP sites have engaged with more than 300 QH members in various virtual meetings to discuss about RRI and M&M research and innovation topics.

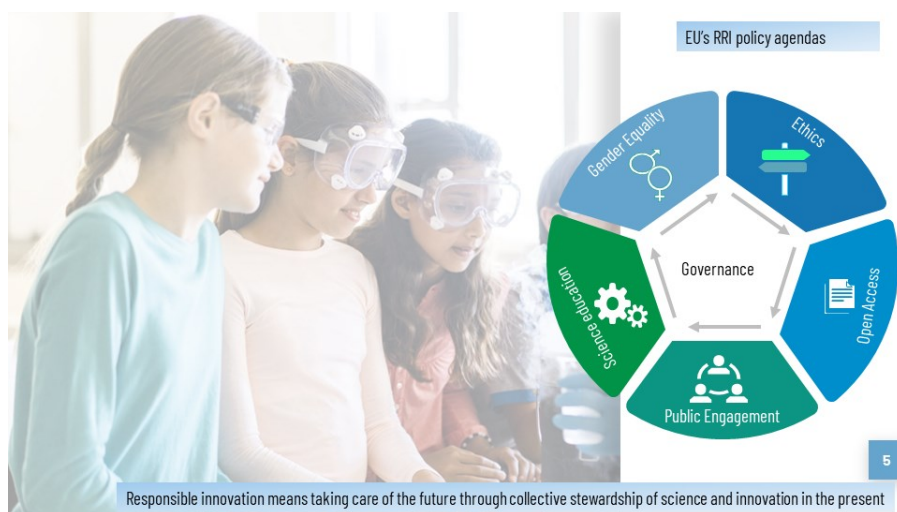
6. Organisation of Training workshops

Dissemination tool/channel	How to measure	Objective KPIs	Status
Training workshops	No. of meetings	5 workshops for QH 5 workshops for RPO&RFO staff	Target met

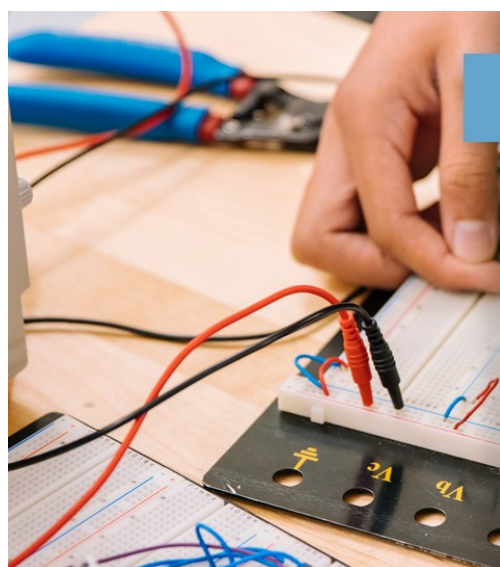
Training workshops were organised on the RRI and its pillars by external RRI experts and by consortium partners for RFO and RFO staff, as well as training and Mutual Learning was done with the QH cohort. In addition, further

The five workshops with QH where GRRIP and/or RRI was discussed are:

- Authorizations and permits in the offshore wind energy sector (March 2021)
- Shaping the future of marine and maritime communities (June 2021)
- The Future of Coastal Communities in Swansea and South Wales: A multistakeholder workshop (September 2021)
- Quadruple Helix workshop, MaREI, UCC (April 2022)
- Scientific day of Nantes Université (NU) (June 2022)



RRI discussed in QH meeting at UCC, April 2022.



Question 1b

- How to increase interest in STEM education at school level?
- Barriers (from interviews)
- Significant administrative burden (voluntary, add-on activity for researchers)
 - Segregated schools/school curriculum as per gender roles

Some training and awareness raising events are mentioned below:

Event Title: "CREATING A GENDER SENSITIVE WORKPLACE/UNIVERSITY"
Event Type: Training workshop
Date: 02/03/2021
Organiser: GRRIP Project
Location: Online event



GRRIP is working on embedding sustainable Responsible Research and Innovation (RRI practices) in 4 research performing organisations (RPO) and 1 dual-function RPO and research funding organisation (RPO/RFO) (total 5 RPO&RFO) in the marine and maritime sectors to achieve institutional and cultural change.

The **Creating A Gender Sensitive Workplace/University** will discuss the common challenges the GRRIP case study sites have in planning and implementing gender equality plans/initiatives and discuss actions to address these challenges.

CREATING A GENDER SENSITIVE WORKPLACE/UNIVERSITY

Date: 2 March
Time: 1:30 – 3:45 GMT

1.30-2.15 (Time in GMT)

Session 1: Turning Gaps into GEPs Data-led actions - examples from TCD

Break

2.25-3.00

Session 2: Change Management in the Implementation of Gender Equality Plans (GEPs) based on TCD experience - INTEGER (FP7) and SAGE (H2020)

Break

3.10-3.45

Session 3 Q & A Discussion

The link to join the meeting can be found below:

[https://dcu-
ie.zoom.us/j/97850134310?pwd=SHZlUC84UGFicUZ6ZGpJSmhPbkg0dz09](https://dcu-
ie.zoom.us/j/97850134310?pwd=SHZlUC84UGFicUZ6ZGpJSmhPbkg0dz09)

Meeting ID: 978 5013 4310 Passcode: 658173

Training on GEPs: Professor Eileen Drew, 02 March 2021

Event Title: "Trying to implement Responsible Research and Innovation: Public Engagement activities within the NewHorizon project"
Event Type: Training/ Awareness raising Session
Date: 21/06/2022
Organiser: GRRIP Project



- Location: Online event
- Outputs: Recording of event publicly available on GRRIP [YouTube](#) channel. The recording was also shared on the [projects website](#) and social media channels.
- Event description: Public engagement is a challenge for each researcher and research organization given professional and financial requirements and pressures. But to add to this challenge, public engagement is also an ambiguous and multi-faceted term that can mean engagement with the public on different levels, different topics and with very different means.
- In this talk, Dr. Erich Griessler reported on the NewHoRRizon project, which set out to implement Responsible Research and Innovation across all research funding programmes of the European Framework Programme H2020. In the NewHoRRizon project, Dr. Griessler engaged, for over more than two years, in 19 social labs with more than 720 stakeholders of research and innovation and developed together with them more than 50 pilot actions, many of them on public engagement, to implement RRI in research and innovation.
- Dr. Griessler explained the co-creation approach in NewHoRRizon, which in itself was based on stakeholder engagement, in addition to presenting some of the public engagement activities which were created in the Social Labs to shed some light on the many faces of public engagement. He used the RRI.ex, an online tool, to inform about the pilot actions developed in the project to the interested public.



- Event Title:** “The Deep Waters of Communicating Marine & Maritime Research and Innovation”
- Event Type:** Training/ Awareness raising Session
- Date:** 20/06/2022
- Organiser:** GRRIP Project
- Location:** Online seminar / talk
- Outputs:** Recording of event publicly available on GRRIP [YouTube](#) channel. The recording was also shared on the [projects website](#) and social media channels.
- Event description:** This virtual workshop provided an overview of how best to communicate sustainability issues researched within the Marine & Maritime sector.
- The workshop facilitated discussions on the applicability of Responsible Research & Innovation frameworks to institutional settings in GRRIP to explore how ‘shared responsibilities’ can be managed in the Quadruple Helix environment.
- Break-out groups provided a safe space for participants to exchange experiences and expectations openly, and apply the theory and methods inputs from the workshop directly into strategies and practice.



Workshop structure

- State of the art in media literacy research (20 min)
- Effective Communication and Social Marketing in the Context of Sustainability (20 min)
- Break out group (30 min)
- Plenary (10 min)
- Break (10 min)
- Managing Shared Responsibilities in a Quadruple Helix (20 minutes)
- Break out group (30 min)
- Plenary and wrap up (10 min)



Event Title: “Opening up Research and Innovation”

Event Type: Training/ Awareness raising Session

Date: 09/03/2022

Organiser: GRRIP Project

Location: Online event

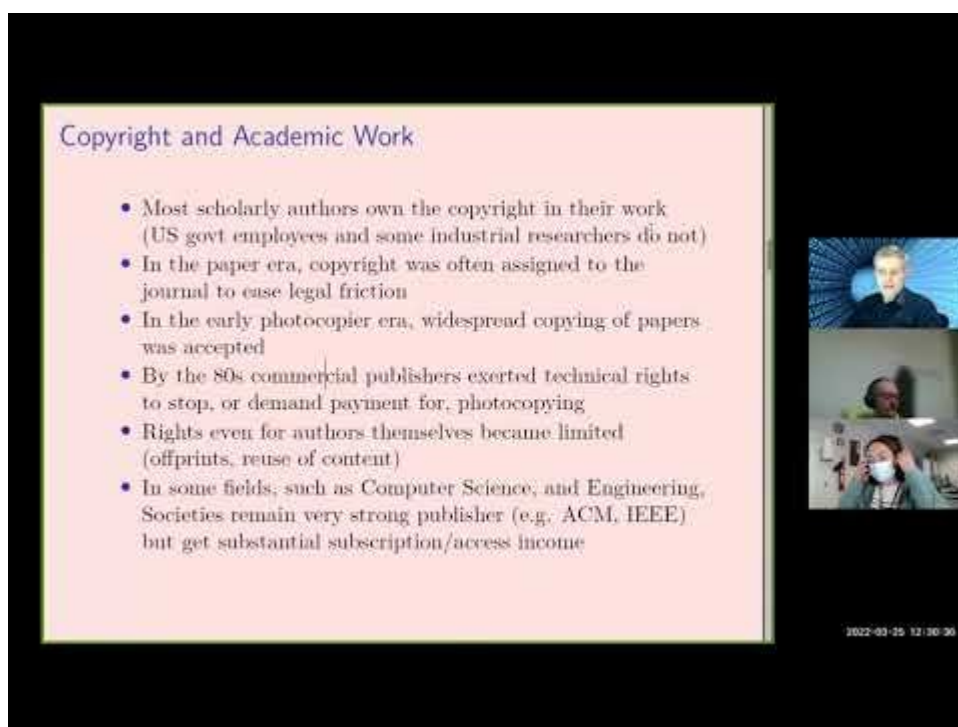


Outputs: Recording of event publicly available on GRRIP [YouTube](#) channel. The recording was also shared on the [projects website](#) and social media channels.

Event description: This information session covered a range of topics including:

- Open data,
- Open access,
- Open science,
- Open knowledge, and
- Open innovation.

Dr. Andrew Adams presented the philosophical and practical case for opening up research and innovation. He explained what ‘open’ mean for papers, data, science, innovation and knowledge and why researchers and innovators should seek to make their work open.



Event Title: GRRIP Project AGM

Event Type: AGM

Date: 24/05/2022

Organiser: GRRIP Project

Location: Museum of the Orient, Lisbon, Portugal



Outputs: A press release detailing the event was deployed, the contents of which are also available under the news section on the [GRRIP website](#). This was also shared via the projects social media channels.

Event description: The AGM was held on Tuesday, May 24. It featured updates on Responsible Research & Innovation (RRI) implementation pertaining to Work Package 7 from Ana Brito e Melo (WavEC), Ruth Callaway (Swansea University), Franck Schoefs (IUML), Silvia Martin (PLOCAN) and Jeremy Gault (MaREI).

It also included an update on monitoring of activities with regard to RRI implementation in the five M&M organisations from Malcom Fisk of De Montfort University and a presentation on the path forward for Deliverable 7.2 by ICORSA’s Eric Jensen.

The remainder of the AGM covered reflection and evaluation of Quadruple Helix (QH) engagement under Work Package 4 by Alex Gerber and Xiaoyue Tan (Erasmus University Rotterdam) and an update on RRI evaluation under Work Package 8, again by Xiaoyue Tan.



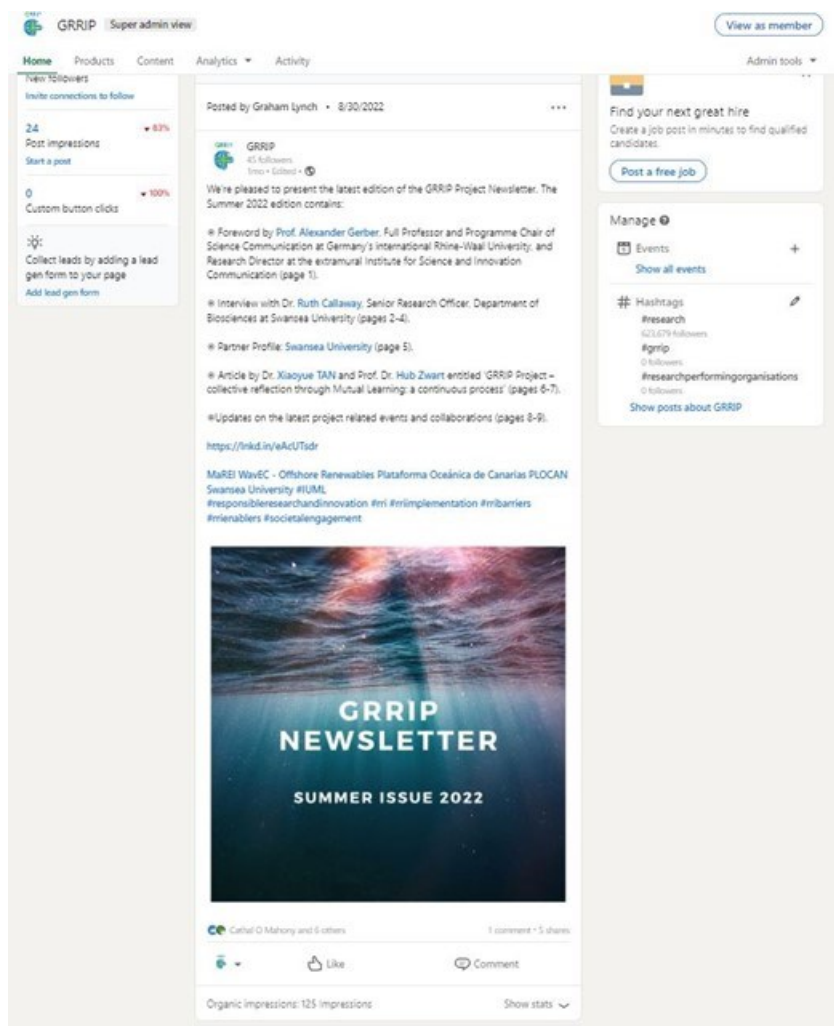
PLOCAN staff receives training on developing Gender Equality Plans (June 2022)

7. Public meetings and School visits

Dissemination tool/channel	How to measure	Objective KPIs	Status
Public meetings	No of public meetings	40	Achieved
School visits	No. of schools	15	14

The COVID-19 pandemic significantly affected organisation of large-scale public meetings, and also school visit KPIs. However, the GRRIP project’s cross-cutting design is engaging with external QH at all stages of the project – design, implementation, evaluation resulted in many meetings with citizens over the course of the project. One-to-one meetings with the citizenry was the common engagement format. Such meetings also allowed communicating in a more unstructured way enabling knowledge exchange and detailed understanding of RRI, each other’s backgrounds, etc. Bot the site leads of Swansea University and IUML, Nantes University, discussed about marine research and science, coastal defence structures, climate change, research ethics with primary (7 events, reaching 200 pupils and teachers), secondary (2 events) and higher secondary school (4 events) students. One school visit was done by WavEC under the Blue Schools initiative.

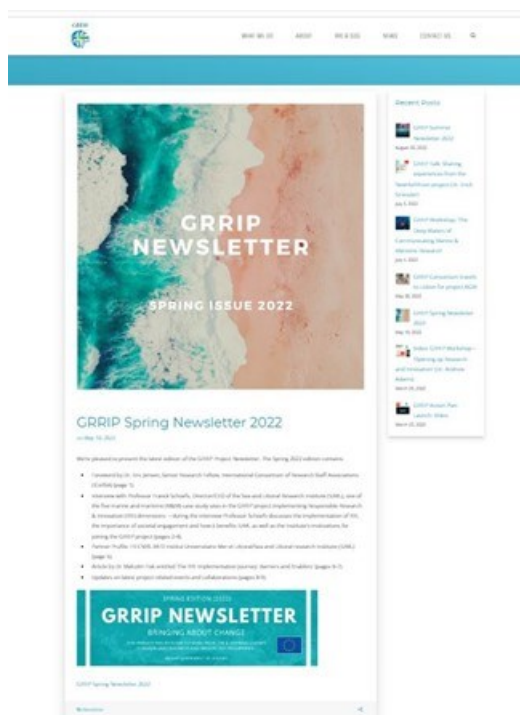
Annex 1. Newsletter advertised via Twitter, LinkedIn and Website



Newsletter (Summer 2022) shared via LinkedIn

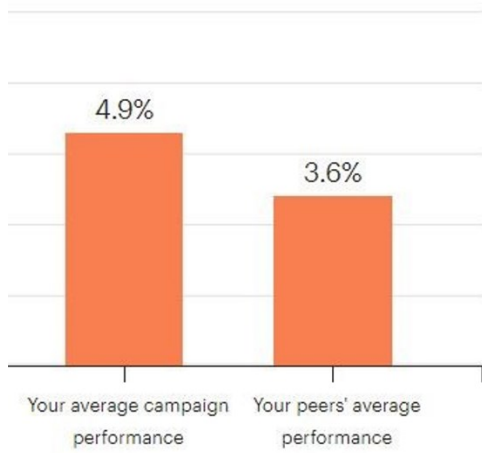


Newsletter shared via Twitter (Winter 2021-2022)

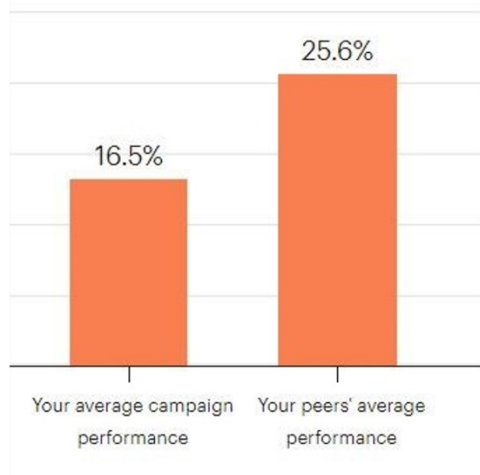


Newsletter shared via GRRIP website (Spring 2022)

News click rate (Summer 2022)



Newsletter open rate (Summer 2022)



Annex 2. Publication Plan

Three peer-reviewed as open access publications were published between December 2021 and February 2023.

Potential title	Potential Journal	Lead author	Co-authors	Expected date of submission	Reasons for selecting a particular journal	Status
Responsible marine research: internal and external challenges through mutual learning	Marine Policy	Tan, Zwart	Representatives of the 5RPOs & RFO	November 2021	Marine Policy is a top-ranked journal and the publication is focussed on mutual learning with regarding to RRI in the 5 RPOs&RFO. It would be a useful for the audience that this Journal targets.	Draft prepared, reviewed by co-authors
RRI in marine research: case studies as a methodology of assessing mutual learning	Journal of Responsible Innovation	Tan, Zwart	To be decided	April 2023	The progress of each site in embedding RRI within the project is one way of assessing the effectiveness of mutual learning. The development of the five study sites will be written up as five case studies. The shared experiences of the five case studies aimed to be published in Journal of Responsible Innovation would contribute to further mutual learning across research performing organizations in promoting RRI.	In development
Collaborative audit and sustainability	Journal of Responsible Innovation	Grifoni, Ferri	Representatives of the 5RPOs & RFO	February 2022	The journal is very relevant for the RRI community.	
Evaluating researcher and stakeholder perspectives on socially responsible research and innovation practices in research performing organisations	Open Research Europe	Jensen	Lorenz	December 2021	Open Research Europe has been highlighted by the European Commission as a preferred venue for open access research publishing, underpinned by the established OA journal F1000. While it is unproven in terms of its reach and impact, this journal has the virtue of being free of charge for the project to use.	Published
Global indicators framework for socially responsible research and innovation (RRI): How to monitor public and researcher perspectives	Open Research Europe	Jensen		October 2021 - published in March 2022	Open Research Europe has been highlighted by the European Commission as a preferred venue for open access research publishing, underpinned by the established OA journal F1000. While it is unproven in terms of its reach and impact, this journal has the virtue of being free of charge for the project to use.	Published
Evaluating QH engagement by the marine and maritime research organisations	PRISM: A Journal of Regional Engagement	Tan, Zwart	Mahapatra and others to be decided	April 2023	PRISM is a multi-disciplinary journal, and it welcomes all forms of analysis and methodologies. The multi-disciplinary nature of PRISM fits very well with the monitoring and evaluation data (using mixed research method: qualitative and quantitative) on QH engagement for the five marine and maritime research organisations.	In development

Potential title	Potential Journal	Lead author	Co-authors	Expected date of submission	Reasons for selecting a particular journal	Status
Synthesis Paper – Application of RRI Principles to Marine Research Organisations – Lessons from the H2020 GRRIP Project	Sustainability or Open Research Europe	Dalton, Fisk	all project partners	April 2023	The Journal of Sustainability (MDPI) has published RRI related papers previously e.g., Chatfield et al. 2017, Martinuzzi et al. 2018). The Journal currently seems to be the best fit for detailing the RRI implementation component of GRRIP in the 5 RPOs&RFO as the Journal allows different and much broader topics of discussions, methodologies, approaches. Furthermore, wider audience can be informed about RRI which could help break the silos (e.g., Journal of Responsible Innovation, Marine Policy, Journal of Change Management, etc.) that currently exist where the GRRIP outputs can be shared. It is understood that MDPI has been accused as predatory, and there are malpractices that have been reported. However, the Journal has also responded on 21 August 2021 with their take on some of the allegations, and which is available at: https://www.mdpi.com/about/announcements/2979 . Current Opinion in Environmental Sustainability (an Elsevier Journal) and Open Research Europe are other avenues that will be tried.	No progress
RRI and UNESCO RSSR policy paper	Paper	Chaves-Chaparro		April 2022	This open access policy paper will be disseminated through different programmes (e.g., Management of Social Transformation programme (MOST)) and intergovernmental bodies and through one specific event organised by UNESCO.	In development
Responsible research for real social impact. In: GUADALUPE ORTIZ, ANTONIO ALEDO and JOSÉ ANDRÉS DOMÍNGUEZ-GÓMEZ (Eds.); Social impact and development - contributions and challenges from the Ibero- American experience [online]	Book chapter	Juliana Chaves-Chaparro	José Andrés Domínguez Gómez	Published in Feb 2023		Published

Annex 3. Agenda for ML workshops January 2021, and May 2022

Agenda for ML workshop at AP development stage



Erasmus University Rotterdam

Objectives of the Workshop

- Share reflection on the Audit evaluation
- Share GRRIP evaluation plan
- Share & discuss draft APs
- Exchange ideas and lessons learned during AP creation
- Tackle obstacles together with experienced GRRIP experts



GRRIP Mutual Learning Workshop (AP)

Time: Thursday, 21st Jan. 2021
at 12:30 PM – 16:00 PM CET (11:30 AM – 15:00 PM BST)
Location: Virtual with Zoom
Main Presenters: Prof. Dr. Hub Zwart; <https://www.eur.nl/en/people/hub-zwart>
Site leads from Swansea, UCC-MAREI, Plocan, WavEC and IUML-ECN
Participants: GRRIP WP leaders (6, 7, & 8), WG leads and WG members from
Swansea, UCC-MAREI, Plocan, WavEC and IUML-ECN
Organizer: GRRIP WP8 Leader from Erasmus University Rotterdam, NL

Agenda

- **12:30 CET:** Introduction (5-10 mins)
- **12:40 CET:** Presentation on *Promoting Best RRI Practices in Marine Research* by Prof. Dr. Hub Zwart from EUR (15 mins)

RPO/RFOs' presentation of their draft APs (25 minutes for each site: 15 mins for presentation, 10 minutes for brief discussion)

- **13:00 CET:** Swansea AP presentation
- **13:25 CET:** UCC-MAREI AP presentation
- **13:50 CET:** Break (10 mins)
- **14:00 CET:** Plocan AP presentation
- **14:25 CET:** WavEC AP presentation
- **14:50 CET:** IUML-ECN AP presentation
- **15:15 CET:** Break (5 mins)
- **15:20 CET:** Group discussion by **Group 1: Plocan – WavEC – IUML-ECN** and **Group 2: Swansea – UCC-MAREI** being held simultaneously (20 minutes)
- **15:40 CET:** Concluding remarks by two groups (15-20 minutes)
- **16:00 CET:** Closing remarks (5 minutes)

Mutual Learning sessions on May 25, 2022 (RRI implementation stage)

Mutual Learning



Date: 25 May 2022

Time: 9 00 hrs to 17 00 hrs

Dublin/Lisbon/London (10 00 to 18 00 hrs CEST)

Venue: Museu do Oriente, Lisbon, Portugal (Address: Doca de Alcantara Norte, Av. Brasília)

Zoom link : <https://us02web.zoom.us/j/86390840471>

Start Time (BST)	Theme	Topic/Activity	Facilitator and Co-facilitator
9:00	Mutual learning	Reflections on QH engagement: a mutual learning dialogue	EUR, Hub Zwart
9:15	Mutual Learning	Sharing experiences and lessons learned from project implementation (within the GRRIP consortium)	EUR, Hub Zwart
11:00	Tea/Coffee Break		
11:30	Mutual Learning	Experiences and learnings of RRI implementation with other EU funded projects: Co-Change, NewHorizon, and NUCLEUS	UCC, Indrani Mahapatra
1.00	Lunch		

Annex 4. Information sessions

No.	GRRIP Partner	Type of Meeting	Details	Value / Relevancy to GRRIP	Date of Delivery	Targeted Audience
1	IUML	Information Session	GRRIP Introduction	Presentation of GRRIP to potential members (15 partners) from the QH for building the IUML stakeholder group	19/09/2019	QH
2	IUML	Information Session	GRRIP Project Update	Management Board meeting of IUML where GRRIP was discussed	24/06/2020	RFO and RFO senior executives
3	IUML	Meeting	Presentation of GRRIP for IUML's national evaluation		29/01/2021	RFO and RFO senior executives
4	IUML	Meeting	GRRIP intervention	RRI inclusion in funding calls	12/02/2021	Academia and policy makers
5	PLOCAN	Workshop	Discussion about authorisation and permits	QH workshop	04/03/2021	QH
6	IUML	QH Workshop	To discuss about GRRIP project	QH Workshop	28/06/2020	QH
7	SU	Meeting	Mumbles Sea Wall Meeting	QH meeting	30/03/2021	External audience
8	WavEC	Meeting	GRRIP and TWIND	Webinar	14/05/2021	External audience





No.	GRRIP Partner	Type of Meeting	Details	Value / Relevancy to GRRIP	Date of Delivery	Targeted Audience
9	MaREI	Meeting	GRRIP WG meeting	GRRIP WG meeting	16/02/2021	RFO and RFO staff
10	MaREI	Meeting	Project update	Action plan	24/03/2021	QH
11	MaREI	Workshop	GRRIP intervention	QH workshop	01/06/2021	QH
12	MaREI	Meeting	GRRIP action plan implementation	GRRIP WG meeting	22/03/2022	RPO staff (including staff from Research, HR, and VP-external relations of UCC)
13	MaREI	Meeting	Why RRI and institutional change	Presentation on GRRIP, RRI and RRI interventions	23/03/2022	RPO staff (marine and marine research)
14	MaREI	Meeting	MaREI RRI strategy	Presentation on GRRIP, RRI, and strategic plans of departments and institutes at UCC and brainstorming on RRI strategy for MaREI	28/03/2022	RPO staff (MaREI centre)
15	MaREI	Workshop	GRRIP action plan implementation	QH workshop	04/04/2022	QH
16	All five sites	Meeting	Co-Change Lab	Presentation about GRRIP, barriers and opportunities	17/05/2022	Co-Change partners.
17	IUML	Event	MiniCop 26	Presentation on what is RRI. The event was designed to be a	19/10/2021	Academia and Citizens



No.	GRRIP Partner	Type of Meeting	Details	Value / Relevancy to GRRIP	Date of Delivery	Targeted Audience
				simulation of the Conference of Parties		
18	PLOCAN	Information and training	Presentation about RRI and GRRIP.	Orienting new staff members	2/11/2021	RPO staff
19	IUML	Meeting /workshop	Scientific day of Nantes Université (NU)	Presentation about RRI, GRRIP, and discussion session with Vigiemer, the national cluster for M&M citizen science	3/06/2022	IUML and NU students and staff, and representatives of Vigiemer
20	IUML	Conference	France Quebec Annual Conference of the Sea	A session on strategies to involve the public via science museum; research roadmap for the Institut France Québec de la Mer : IFQM.	13/06/2022 and 14/06/2022	RPO and RFO researchers, policy makers
21	IUML	Event	Go to see the sea (Partons voir la mer)	Public engagement event	27/08/2022	Public
22	SU	Workshop	The Future of Coastal Communities in Swansea and South Wales: A multistakeholder workshop	QH engagement	22/09/2021	QH





No.	GRRIP Partner	Type of Meeting	Details	Value / Relevancy to GRRIP	Date of Delivery	Targeted Audience
23	SU	Workshop	Coastal Alliance Wales, Bio-Hub	Creation of Public engagement database	05/2022	QH
24	PLOCAN	Forum	European Science Open forum, Leiden	Information about GRRIP and its activities	16/06/2022	Researchers



Annex 5. Conference, workshops, and events attendance

Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
UNESCO	Juliana Chaves Chaparro	III UNESCO International Science School: Climate change adaptation and disaster risk reduction	2019.10.03	2019.10.05	Havana, Cuba	Presentation and brochure
UCC	Gordon Dalton	MARINA project close event Ocean Dialogues	2019.03.19	2019.03.21	Brussels, Belgium	Gordon was on Panel on Global RRI
UCC	Gordon Dalton	European Maritime day	2019.05.16	2019.05.18	Lisbon	RRING and GRRIP had a booth space
UCC	Gordon Dalton	Our Ocean wealth	2019.06.10	2019.06.11	Cork, Ireland	Gordon networked on GRRIP
PLOCAN	Silvia Martín and Ayoze Castro	Wind Energy Science conference	2019.06.17	2019.06.18	Cork, Ireland	Gordon had a session on Multiple use platforms and GRRIP and PLOCAN participated and gave two presentations
UCC	Gordon Dalton	Wind Energy Science conference	2019.06.17	2019.06.18	Cork, Ireland	Gordon had a session on Multiple use platform, and GRRIP
UCC	Gordon Dalton	RRI Practice and NUCLEUS closing event	2019.06.20	2010.06.22	Brussels, Belgium	Spoke about RRING project. Handed out brochures of GRRIP.
UCC	Gordon Dalton	Blue Bio Economy Forum	2019.06.25	2019.06.25	Brussels, Belgium	Gordon spoke on GRRIP and networked





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
EUR	Kate Sahan	EACME Annual Conference: Rethinking Ethics in 21st Century Europe	2019.09.12	2019.09.14	Oxford, UK	Presentation on Research ethics, chairing parallel session on global and population health themes
UCC	Gordon Dalton	Ocean energy Europe	2019.09.30	2019.10.01	Dublin	Gordon handed out brochures
UCC	Gordon Dalton	Responsible Innovation Summit	2019.10.30	2019.10.30	Dublin	Gordon gave presentation on RRING and GRRIP
ICoRSA	Simge Davulcu	World Science Forum	2019.11.20		Budapest	Plenary speaker
UCC	Gordon Dalton	World Science Forum	2019.11.20	2019.11.24	Budapest	Session on RRI and RRING and GRRIP
UNESCO	Juliana Chaves Chaparro	International conference on Social robotics	2019.11.24	2019.11.26	MAadrid, Spain	Presentation
EUR	Kate Sahan	SUPER-MORRI Kickoff	2020.01.29		Leiden, The Netherlands	Attendee, networking





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
ICoRSA	Eric Jensen	SUPER-MORRI Kickoff	2020.01.29		Leiden, The Netherlands	Presentation on RRING, GRRIP RRI indicators work
UCC	Gordon Dalton	AAAS conference	2020.02.20	2020.02.25	Seattle USA	RRING booth space, GRRIP flyers and brochures, and Glocal workshop
UNESCO	Juliana Chaves Chaparro	European Robotics Forum	2020.03.03	2020.03.05	Malaga , Spain	Presentation
ICoRSA	Eric Jensen	Fit4RRI summit	2020.03.20		Rome	Presentation on RRING, GRRIP project work on RRI evaluation/indicators
UCC	Gordon Dalton	Starbios closing event virtual worksop	2020.05.29		Virtual	provided comments on GRRIP project
UNESCO	Juliana Chaves Chaparro	International Women day	2020.06.03		Dublin, Ireland (virtual event)	Share experiences from GRRIP





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
UCC	Gordon Dalton	RECONFIGURE Dialogue workshop	2020.07.06		Virtual	PC discussed GRRIP in forum breakouts
UCC	Gordon Dalton	ESOF conference	2020.09.02		Budapest	GRRIP and RRING session on RRI
UCC	Gordon Dalton	cs-sdg-conference	2020.10.14		Virtual	Discussed GRRIP in forum breakouts
SU	Ruth Callaway	University of Bristol Responsible Research and Innovation Workshop	2020.11.10	2020.11.10	Virtual	Pitched the GRRIP project
SU	Rhian Morris	University of Bristol Responsible Research and Innovation Workshop	2020.11.10	2020.11.10	Virtual	Pitched the GRRIP project
ICoRSA	Erna Karalija	III International Triple Helix Summit – session on Institutional change in European Research Funding and Performing Organisations – the power of RRI	2020.11.24	2020.11.26	Virtual	Presented the GRRIP project on 26 th November 2020 with GRACE and Fit4RRI projects





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
DMU	Elmina Homapour	III International Triple Helix Summit – session on Institutional change in European Research Funding and Performing Organisations – the power of RRI	2020.11.24	2020.11.26	Virtual	Presented the GRRIP project’s Action plans framework on 26 th November 2020 with GRACE and Fit4RRI projects
UCC	Graham Lynch	Western Balkans in Comparative Perspectives	2020.12.04		Virtual	Graham gave presentation on GRRIP, RRING in the context of Rsearch Infrastructres and Synergies
SU	Ruth Callaway	Our Coast our Sea. Turning ideas into action	2021.01.13	2021.01.13	Virtual	Presentation and discussion panel; pitched GRRIP
IUML-UN	Franck Schoefs	Presentation on GRRIP for IUML's national evaluation	2021.01.29	2021.01.29		The national evaluation happens every five years for IUML.
EUR	Xiaoyue Tan	RRING WORKSHOP 1: WHAT IS RRI, SDG AND RSSR:HOW IS IT IMPORTANT TO YOUR RESEARCH?	2021.02.11		Virtual	Presentation
UCC	Gordon Dalton	RRING WORKSHOP 1: WHAT IS RRI, SDG AND RSSR:HOW IS IT	2021.02.11		Virtual	Discussion about GRRIP in forum breakouts





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
		IMPORTANT TO YOUR RESEARCH?				
EUR	Xiaoyue Tan	RRING Network Workshop 2: FUNDING APPLICATIONS: HOW TO INCORPORATE RRI, SDG AND RSSR INTO FUNDING	2021.02.17		Virtual	Discussion about GRRIP in forum breakouts
UCC	Gordon Dalton	RRING Network Workshop 2: FUNDING APPLICATIONS: HOW TO INCORPORATE RRI, SDG AND RSSR INTO FUNDING	2021.02.17		Virtual	Discussion about GRRIP in forum breakouts
EUR	Xiaoyue Tan	GRRIP Gender Sensitive Institutions Workshop with Eileen Drew	2021.03.02		Virtual via Zoom	Discussion with Prof. Eileen Drew on RRI evaluation.
UCC	Gordon Dalton	GRRIP Gender Sensitive Institutions Workshop with Eileen Drew	2021.03.02		Online/ Zoom	Discussed about GEP with Eileen Drew





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
PLOCAN	Jose Joaquín Hernández Brito	Offshore renewable energy in Spain	2021.03.05	2021.03.05	Virtual	Presentation / discussion
UCC	Gordon Dalton	S4D4C project workshop	2021.03.15		Virtual	Discussed GRRIP in forum breakouts
UCC	Gordon Dalton and Indrani Mahapatra	Shaping the future of Marine and Maritime Communities workshop	2021.06.01	2021.06.01	Online/ Zoom	
UCC	Gordon Dalton and Indrani Mahapatra	REconfigure closing workshop	2021.06.15		Virtual	Discussion about GRRIP in forum breakouts
IUML-UN	Franck Schoefs	Seminar on ocean pollution by plastics (Scientific Day of the University of Nantes)	2021.06.01	2021.06.01	Virtual	
IUML-UN	Sophie Pardo	What if it all started with a walk by the sea	2021.02.11	2021.02.11	Virtual	https://www.youtube.com/watch?v=nlpLj8uoOPg
UCC	Indrani Mahapatra	Better together: knowledge co-production for a sustainable society	2021.06.03	2021.06.03	Virtual	Discussed about Public engagement and costs associated with voluntary participation





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
UCC	Gordon Dalton and Indrani Mahapatra	Cluster Event on Institutional Changes	2021.07.01	2021.07.01	Online/ Webex	Pitched the GRRIP project
UNESCO	Juliana Chaves Chaparro	3rd international conference on Social Impact assessment	2021.10.05	2021.10.08	on line presentation	GRRIP lessons learnt
SU	Ruth Callaway	Coastal Communities Adapting Together (CCAT): Exchanging Knowledge and Best Practice across borders 2021 (Interreg Ireland Wales project).	2021.10.21	2021.10.21	Virtual	Included GRRIP into presentation
UCC	Indrani Mahapatra	Embedding Citizen Science in Learning, Teaching and Research, Time4CS	2021.10.28		Virtual	Presentation on open science
PLOCAN	Gordon Dalton	European Science Open forum, Leiden	2022.06.13	2022.06.13	in person, Leiden	Included GRRIP RRI pillars in general discuss on Research Careers and precarity
SU	Ruth Callaway	Structures in Marine Environments Conference, Edinburgh	2022.06.07	2022.06.07	in person, Edinburgh	Included GRRIP into presentation





Partner Institution	Partner name	Conference and/or workshop Name	Start date – year/mm/dd	End date- year/mm/dd	Location	Activity
SU	Ruth Callaway	Eco-engineering: the Mumbles Sea Hive project	2022.04.22	2022.04.22	in person, Swansea	Included GRRIP into presentation
PLOCAN	Gordon Dalton	MCAA workshop on Gender Equality in STEAM	2022.11.17	2022.11.17	in person, Bari	Gordon Dalton presented the GRRIP project
PLOCAN	Gordon Dalton	World Science Forum Cape Town	2022.09.12	2022.09.12	in person, Cape Town	GRRIP was mentioned in main presentation of the RRING project; 50 GRRIP flyers were distributed
UNESCO	Juliana Chaves Chaparro	World Science Forum Cape Town	2022.09.12		on line	

