



MEEP

MareNostrum Experimental
Exascale Platform

D2.3 Final Communication and Dissemination Report

Version 1.1

Document Information

Contract Number	946002
Project Website	https://meep-project.eu/
Contractual Deadline	30. 06. 2023
Dissemination Level	Public (PU)
Nature	Report (R)
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The MEEP project has received funding from the European High-Performance Computing Joint Undertaking Joint Undertaking (JU) under grant agreement No 946002. The JU receives support from the European Union's Horizon 2020 research and innovation programme and Spain, Croatia, Turkey.

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Change Log

Version	Description of Change
V0.1	Initial draft for internal review
V0.2	Second draft with contributions
V0.3	Third draft with contributions
V1.0	Fourth draft with contributions
V1.1	Final version

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1. Executive Summary

This report summarizes the dissemination activities carried out by the MEEP project from January 1 2020, to June 30 2023. Please note that some statistics and activities have been included before this final date. The dissemination activities of MEEP, carried out by the dissemination team and with the help of all partners, were based on the tasks outlined in the D2.1 Communication and Dissemination plan initially planned and revised periodically.

This report includes a complete list of publications, conferences, and presentations at various events and workshops related to the project. Furthermore, this document also presents additional coverage of the project in the press and social media as well as other dissemination activities, such as collaborations with other projects.

2. Introduction

This report aims to present a detailed list of dissemination activities that took place during the last 42-month period, as planned in deliverable D2.1. The activities were to increase awareness of MEEP's platform, build a community, influence the European RISC-V ecosystem, communicate its major scientific results, and maximize academic dissemination. However, as this is the final deliverable, we will include the final dissemination and communication results.

3. Graphic identity

With the updated version of deliverable D2.1 Communication and Dissemination Plan, the first step was to define a common graphic identity. The branding of the MEEP project (including logo and style, font, project templates, poster, etc.) was established. Its guidelines were shared with all partners via email and the project Intranet and correctly implemented by all partners throughout the project. The branding material of MEEP can be found on the dedicated [Branding page](#) on the project website. In addition, other materials like the Zoom background for online meetings or events were also used, as well as the PowerPoint presentation template.

4. Dissemination Tools

The project disseminated MEEP's activities using various tools, including the project's website and partners' social media channels, active participation in events, and a comprehensive communication and dissemination pack comprising promotional materials like posters, presentations, roll-ups, and videos.

4.1. MEEP website and Analytics

The MEEP website (<https://meep-project.eu/>) is the primary channel for disseminating and communicating project-related information. It functions as a central hub, providing project updates, news, technical details and catering to the project's communication requirements. Users can effortlessly navigate different project aspects through the main menu,

encompassing sections such as About, Platform Ecosystem, Event, Media, Results, and Contact.

Under the "[About](#)" section, access essential general information, including MEEP goals, the Consortium members, and an Equality and Diversity page highlighting MEEP's dedication to promoting equality, diversity, and inclusion. These subpages collectively offer a comprehensive overview of the project.

The [Platform Ecosystem](#) section in the main menu emphasizes the MEEP structure, offering users access to two subpages that delve into the MEEP [Platform Layers](#) and provide insights into the comprehensive research project stack. Additionally, users can explore the [Software](#) section, which showcases two extensively utilized program execution modes.

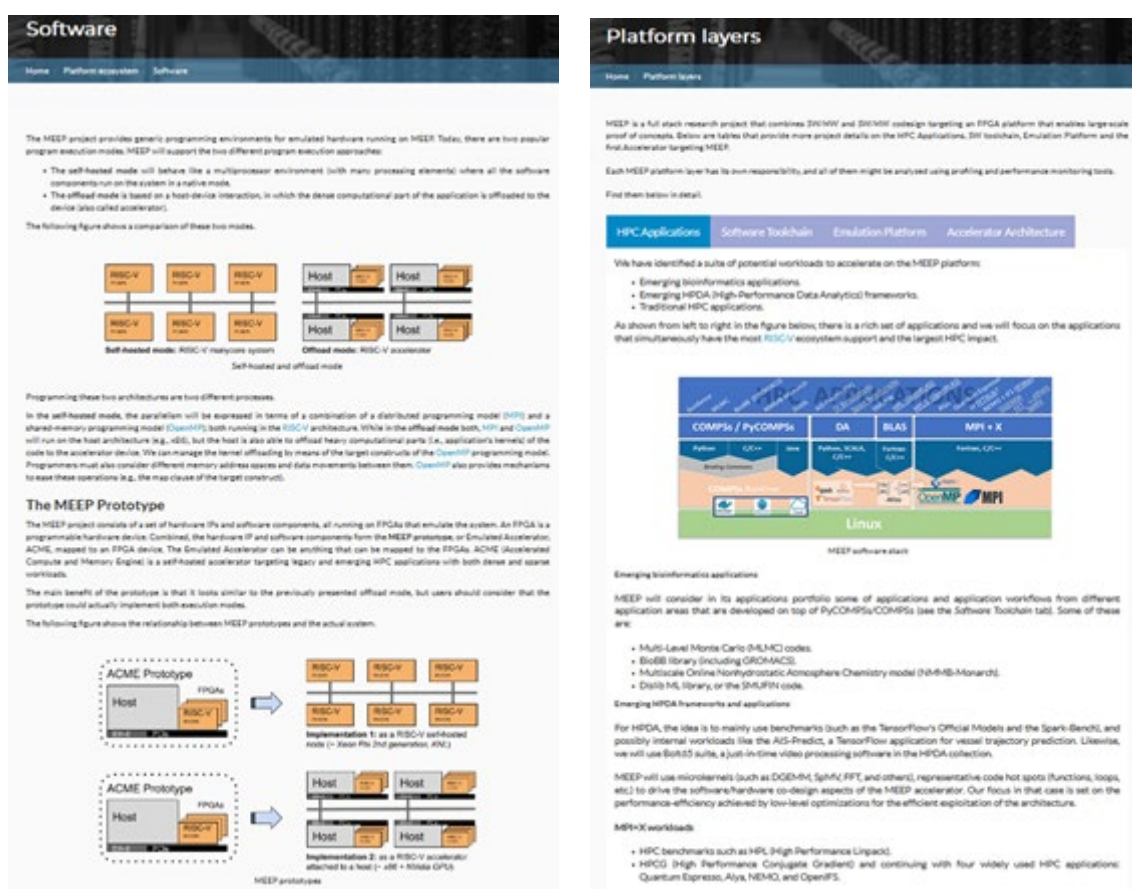


Figure 1: Layout of the software and platform pages of the MEEP website

Next, a dedicated Events page informs about MEEP collaborators' active involvement and valuable contributions to the project's success. This page highlights the extensive engagement of MEEP partners in diverse events, including their roles as speakers, poster presenters, and workshop organizers. Past events are documented and linked to the Publication repository, allowing easy access to materials from previous events whenever available.

Within the Media section, the [News & press release](#) subsection highlights the significant technical advancements of the project, featuring interviews on Women in STEM, event

highlights, and the MEEP Biannual Gathering. The Press Clippings section also showcases the project's press impact, while the [Branding](#) page provides access to all branding materials.

The content featured on the event and media pages attracts increased website traffic. It enhances engagement within the expert community, including industry and academic experts and HPC writers who perceive it as an opportunity to engage with MEEP in their coverage.

The Results page consists of four subpages. The [Publication](#) section provides access to all MEEP papers, oral presentation slides, and poster presentations. In [Deliverables](#), you can find all publicly available deliverables. The [Releases](#) page highlights various components that aid in building and utilizing the complete system. The [KER's page](#) showcases all key exploitable results of MEEP. Additionally, there are plans to include a Demo page in the same section, featuring brief demo videos showcasing the software and platform.

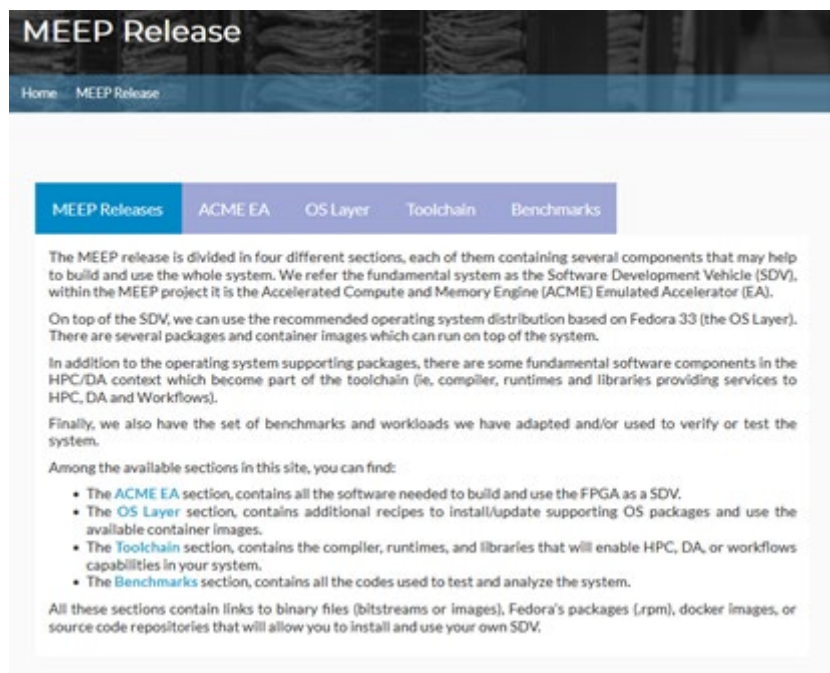


Figure 2: Releases page on the MEEP website

The [Contact](#) page provides a comprehensive listing of all primary MEEP contacts, allowing easy access to reach out for any inquiries or communication needs.

The MEEP website has demonstrated great interest from the public based on the main indicators from Google Analytics. Figure 3 illustrates that the total number of users and sessions throughout the project period –from months 19 to 41– reached 6,108 and 9,190, respectively, exceeding the established KPI of 1,500 website sessions per year stated in the D2.1 Communication and Dissemination Plan. These statistics surpass initial predictions, showcasing the project's potential and effective communication strategies.

The total page views amounted to 19,422, with a bounce rate of 57.05%. This bounce rate is favourable, as it falls below the average of over 60% for similar project websites. The average session duration of 1 minute and 16 seconds and an average of 2.11 pages visited per session further support the notion that visitors want to explore other sessions/pages on the MEEP website.

Another positive aspect is the percentage of new visitors to the MEEP website, which reached 85% (refer to Figure 3). This figure shows the high values observed in session and page view indicators, indicating increased interest from new individuals in the MEEP project and web page.

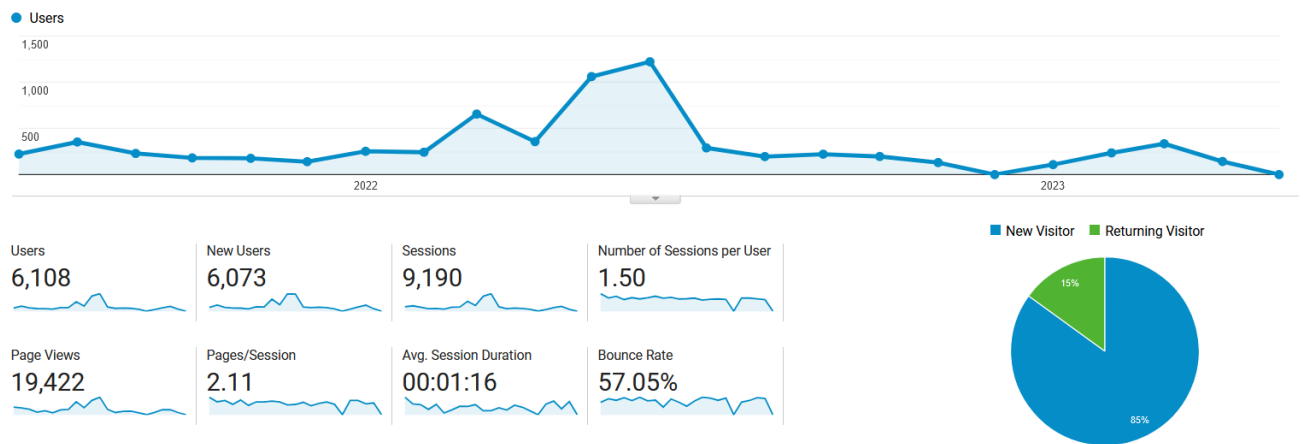


Figure 3: Overview of usage statistics for the MEEP website. Source: Google Analytics

Furthermore, the trend of high interest in the MEEP page is reinforced by the statistics on the traffic source channels (Figure 4). We see that the two primary sources are direct typing of the URL on the internet browser (60,4%) and organic search on search engines (22,6%), which means that the audience engaged directly with the website after learning about the project. At the same time, we noticed a significant percentage of traffic from referral websites (14,4%) and social media (2,7%).

The main referrals come from EuroHPC and all partners' websites.

Top Channels

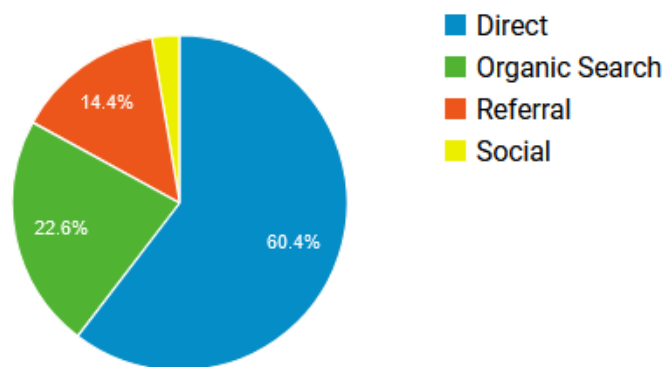


Figure 4: Traffic source channels for the MEEP website. Source: Google Analytics

4.2. Social Media

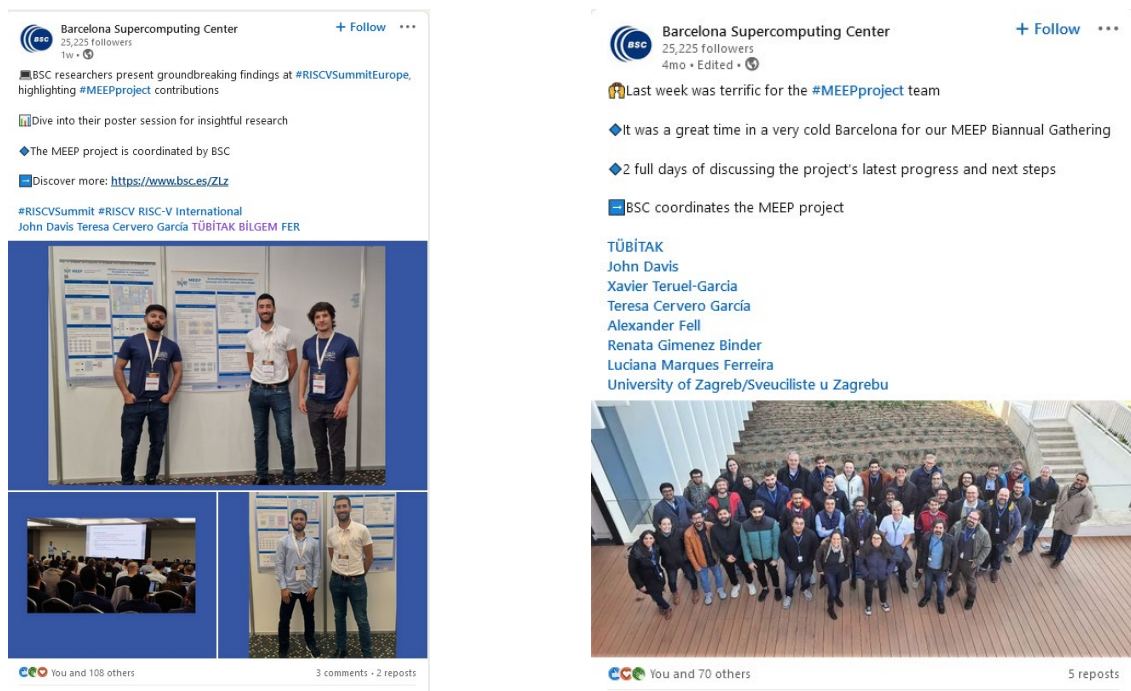
According to the Declaration of Agreement (DoA), project partners actively utilize their social media channels to raise awareness about MEEP technology and foster a community around it. International and national communities such as RISC-V and Scientific Computer World have been actively sharing MEEP news, articles, and blogs.

Figure 7 demonstrates that social media channels contribute approximately 2.9% of website sessions. Among these channels, LinkedIn stands out as the primary driver of social traffic, generating 80.24% of the overall social media traffic directed to the MEEP website (Fig. 8).

Secondary dimension	
Social Network	Sessions
1. LinkedIn	264 (80.24%)
2. Twitter	59 (17.93%)
3. Facebook	5 (1.52%)
4. YouTube	1 (0.30%)

Figure 5: Social media traffic to the MEEP website (June 2021-May 2023). Source: Google Analytic

Below, you will find a selection of social media posts concerning MEEP that partners, EU projects, research communities, and media outlets have shared:



Umair Riaz • 2nd
ASIC RTL Designer at Barcelona Supercomputing Center
5d • 🌐

+ Follow ...

A journey from nowhere to RISC-V Summit..!

I had a wonderful experience this week. I presented at the RISC-V Summit Europe 2023, where the best brains of computer architecture were present. Whatever gadget you're using to read this post, their innovators, in one way or another, were in the audience. This opportunity is like a confidence booster, enabling me to take up the following challenges and get more educated on the subject matter.

For me, it all started with working in various startups in Pakistan, including 10xEngineers, where Bilal Zafar enabled me to aim high. Now working at Barcelona Supercomputing Center with seasoned researchers, I got an opportunity to present our work at the Summit.

My message to all youngsters is to have a well-defined purpose in front of them and a persevering mind that can strive to achieve it. Overnight success is a myth; flush this idea from your mind. Set a target, complete it, stay humble, and repeat. After all, RISC-V is booming; this is the right time to jump into it.

#riscvsummiteurope #riscv #semiconductor #chipdesign #pakistan #computerarchitecture #processors

You and 187 others

25 comments • 3 reposts

HiPEAC @hipeac • Jun 12

Perhaps you'd like to know how @EuroHPC_JU projects are expanding the #RISC_V ecosystem? In that case, have a look at #MEEPproject and @eprocessor.eu talks (both projects coordinated by @BSC_CNS) on #HiPEACTV
e.g. 📺 youtu.be/6YZX2xcnNew and 📺 youtu.be/kh1lBuBDY3k

1 1 2 212

Teresa Cervero García • 1st
Leading Research Engineer - Barcelona Supercomputing Cent...
1yr • 🌐

Today is the turn of the #MEEP project presentation as part of the #HiPEAC_CSW, by the hand of our colleagues @Raúl Torres (on the left) and Francelly Katherine Cano Ladino (on the right). ...see more

49 6 comments • 1 repost

Barcelona Supercomputing Center
25,225 followers
5mo • Edited • 🌐

+ Follow ...

#MEEPproject organizes a workshop in the frame of the HiPEAC Conference 2023 in Toulouse.

The workshop talks about the "European RISC-V International HPC Roadmap".
📅 January 16

<https://www.bsc.es/Z24>

BSC is the coordinator of the MEEP Project.

TÚBITAK
John Davis
Xavier Teruel-García
Teresa Cervero García
Alexander Fell
EuPilot: Pilot using Independent Local & Open Technologies


Pavlina Ivanova and 5 others

Barcelona Supercomputing Center
25,225 followers
1yr

Angela Salom Sarasqueta is a Leading Research Engineer at BSC involved in the MEEP project. In this interview, Angela talks about her experience as a woman in #STEM and as a member of the MEEP team.

More at <https://bit.ly/3Mtw19k>

#MEEP #BreakTheBias #IWD2022



Angela Salom
Leading Research Engineer

International Women's Day

You and 13 others

EuPilot @pilot_euproject · Jun 21, 2022
Haven't registered yet?
It's not too late; sign up here: bit.ly/3tO4cal.

It's organized by the #MEEPproject.

#risc_v #openPOWER #HPC @xavierteruel

BSC-CNS @BSC_CNS · Jun 21, 2022
Don't miss out!
Join us on Monday, 27 June, for the 3rd Workshop on @risc_v #OpenPOWER in #HPC
It is organized by the #MEEPproject, coordinated by BSC.

Learn more and register here: bit.ly/3tO4cal

@xavierteruel @pilot_euproject



Teresa Cervero García · 1st
Leading Research Engineer - Barcelona Supercomputing Cent...
1yr

This year's theme of the #IWD2022 raise awareness against the bias. I want, together with all the #MEEP team, to support this movement by taking action for equity. ...see more




34

3 reposts

Celebrate Comment Repost Send

John Davis · 1st
Executive, BoD, Technical Leader, Computer Architecture & Sy...
3yr · Edited

Watch this video about the #MEEPproject, a flexible FPGA-based emulation platform that will enable hardware/software co-design to explore exascale supercomputer & other hardware designs, ...see more



49

4 comments · 2 reposts

Like Comment Repost Send

5. Dissemination and communication pack

5.1. Leaflet

The [flyer was updated](#) in October 2022 and uploaded onto the website considering the significant presence of MEEP on SC22 with flyers at the BSC booth and its participation in the RISC-V Summit 2022 in December 2022.

MEEP
MareNostrum Experimental
Exascale Platform

MEEP an FPGA-based digital lab for exploring hardware/software co-design for Exascale Supercomputers, which provides:

- An evaluation platform of pre-silicon IP and ideas
- A software development vehicle to enable software readiness for new hardware

MEEP platform characterization

2 x Nvidia SN4600C switch
64x100GbE

4x 100GbE

2x Rack
6 Host (x86)
8 FPGA/host
FPGA Service node
USB Hub

■ 8x 100G (1x each FPGA)
■ 1x 100G from each node

Goals

- Accelerate Hardware Design Process of European HPC IP (accelerators, CPUs, etc.)
- Accelerate and enable Software Development for new HPC hardware designs
- Reduce development time and costs

MEEP platform Roadmap

2022 Large-scale FPGA Platform Phase 2

2023 Digital Laboratory

FPGAs as a service:
- pre-silicon validation of HW IPs
- SDV

Phase (since 2020)
x 6 (servers)

Motivation

- End of Moore's Law and power constraints require software/hardware co-design
- Chip fabrication increasing in cost, need to validate pre-silicon designs
- Leverage the technology scaling in mobile chips leads to a chiplet architecture for HPC
- Hardware platform that can be used for software development

The MEEP project has received funding from the European High Performance Computing Joint Undertaking (JU) under grant agreement No 101019722. The JU receives support from the European Union Horizon 2020 research and innovation programme and Spain, Croatia, Turkey.

www.meep-project.eu

Figure 8: Updated MEEP flyer (Front and back side)

5.2. Roll-up and poster

The poster template has been used in several events, and they also have been uploaded onto the publication section by selecting the option on the drop-down menu "[Poster presentation](#)". For example, the most recent MEEP poster presented was during the EuroHPC Summit 2023, as you can see on the following link: https://meep-project.eu/sites/default/files/20230320%20-%20Poster-MEEP-EuroHPC_2023CanoLadino%26FracellyK.pdf.

The roll-up was used for exhibitions and workshops to reinforce MEEP's image.

5.3. Presentation

The project presentation has been shared with all partners and can be downloaded from the intranet. Templates are also provided to facilitate the creation of new presentations. This standardized presentation ensures that all partners consistently present the MEEP project and effectively convey key project messages.

5.4. Zoom Background

To adapt to the challenges posed by the COVID-19 outbreak, event organizers have transitioned to predominantly or exclusively digital formats for their events. Consequently, a set of Zoom backgrounds has been created for the consortium members to utilize when participating in the virtual events consistently.

5.5. Press Releases

The [first MEEP press release](#) was sent at the project's beginning, highlighting the project's goals. [The second press release](#) highlighted the installed MEEP infrastructure at the BSC. And the third press release will be released by the project's end, highlighting the main project results.

5.6. Final Video

The final MEEP video production will take place at BSC in Barcelona. The filming process entails capturing original footage of the MEEP infrastructure and creating visually engaging graphical images to provide an overview of the project.

Once completed, the video will be uploaded to BSC's established YouTube channel, which currently boasts 2.25K subscribers. Additionally, it will be made available on the project's website. This video serves as valuable dissemination material that can be utilized on the website and partners' social media platforms and for ongoing promotion of the MEEP project even after its conclusion.

The following communication actions will be implemented for the video to maximize visibility and reach:

- Publishing news articles on the website and sharing them with relevant technical media outlets.
- Promoting the videos through partners' media channels with direct links to the video.
- Disseminating the videos across MEEP partner's social media channels.

6. Press strategy

The [first press release](#) was launched in March 2020. A second press release, "[MEEP infrastructure will contribute to developing European technologies](#)", was launched on May 18 2023. This press release focused on a detailed technical description of MEEP's infrastructure, highlighting its key role in developing future European exascale systems.

A final press release will be launched after the end of the project to celebrate the project's ending and publish the final project results to a wider audience together with the launch of the [final video](#).

In total, 60 press clippings were documented during the reporting period. They can all be found on the [MEEP press clippings page](#) and in the [Annex](#) of this document.

7. News

Since the project started, the dissemination team also populated the MEEP website with [news pieces](#) according to an internally defined editorial calendar done by the WP6 team and shared with the partners. These news pieces are written either by the dissemination team and concern events that partners attend, general news and updates about the project, or they are pieces composed by the technical WPs that inform the audience on the development of the technical work done in the project. This content aims to keep the MEEP news page updated, drive traffic to the website and share content on social media channels to increase their engagement effect.

In addition, the WP6 team dedicated efforts to promote equality among the MEEP partners and also promote female research roles. Firstly, WP6 created a dedicated page on the website stating that the MEEP consortium is committed to contributing to equal opportunities and diversity in the community. Secondly, the 'Women in STEM interview' series was initiated to promote MEEP female scientists' stories within the HPC scientific community. A total of 5 'Women in STEM interview' stories were published on the website.

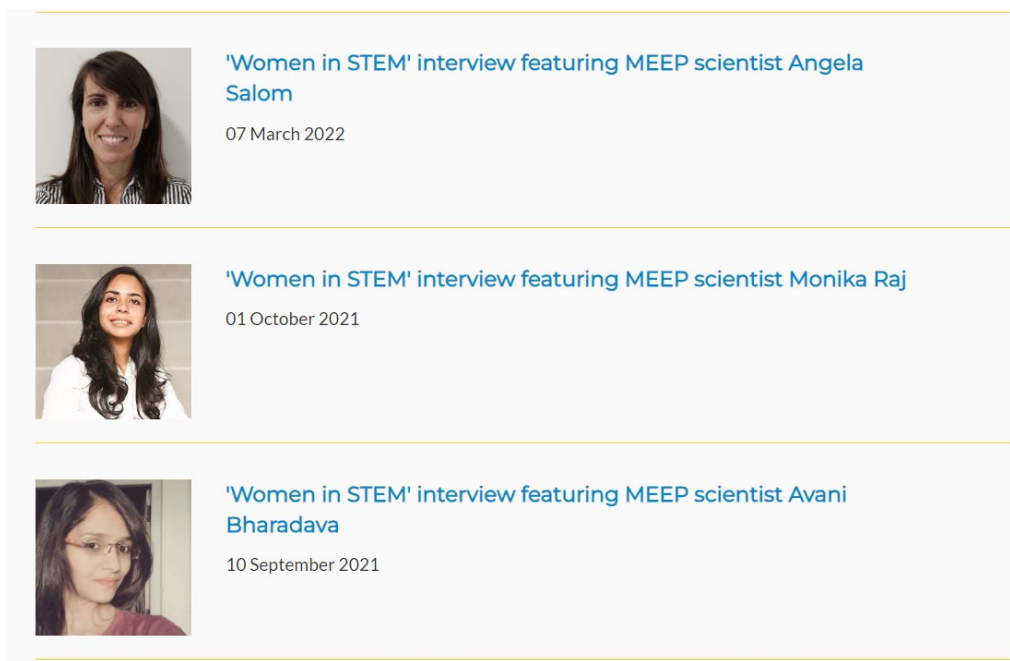


Figure 9. Women in STEM interview series on MEEP website

Thirdly, MEEP partners participated actively in certain campaigns. For International Women's Day, March 8, a special campaign was launched to support the #EmbraceEquity campaign and a [dedicated news piece](#) supporting this initiative was also created.



Figure 10: International Women's Day news piece on the MEEP website

By the end of the project, 44 project-related news pieces were published on the project website and shared through the media channels of the project partners. A detailed list can all be found on the [News page](#).

8. Events

The partners have exhibited remarkable levels of activity throughout the project, as they actively participated in various events to showcase MEEP, disseminate information about its technology, foster partnerships, and position the project as a prominent reference within the industry. Collectively, the consortium was present at **24 events**, encompassing keynote speeches, conference presentations, workshops, meetings, tutorials, booth exhibitions, and pitch events. These endeavours enhanced the project's visibility and impact among relevant stakeholders.

The comprehensive list of events attended by MEEP partners is available on the project's [Events page](#). Further information regarding the audience type and size of each event can be found in the Annex section of this document.



Figure 11: Umair Riaz at RISC-V Summit Europe 2023

The MEEP project was represented in several notable events, including the RISC-V Summit Europe 2023, conferences, ISC 2023, the EuroHPC Summit 2023, RISC-V Spring Week 2022, HiPEAC Workshop: European RISC-V HPC Roadmap 2022 and AsHES Workshop 2022, These events served as platforms for MEEP researchers to deliver insightful talks on the project and showcase project posters highlighting the innovative MEEP technology.

As with news pieces, MEEP partners contributed to promoting diversity and equality by participating in related HPC events such as the [Women in Tech Carnival](#) event, which took place in November 2022 in Vienna, the "[Thirteenth international Women in HPC workshop](#)" held at ISC22 or even promoting female research careers with talks to young girls during the [International Day of Girls and Women in Science 2023](#).

These events' presentations and poster sessions garnered significant attention, attracting diverse participants. The MEEP project successfully engaged various audiences, including academics and researchers at DATE, industries at SC and ISC, and researchers and policy-makers at the EuroHPC Summit 2023. These interactions provided valuable opportunities to disseminate project updates, exchange ideas, and foster collaborations with key stakeholders across different sectors.

Despite the impact of the Covid-19 pandemic on traditional event formats, MEEP persevered in disseminating the project through digital events. Additionally, MEEP has been organizing its second and third workshops online to generate awareness and active participation in the open-source initiatives, both within the ICS conference and independently. The workshop recordings and the speakers' presentation slides have been uploaded to the project webpage. These workshops collectively attracted an impressive attendance of over 80 participants. Furthermore, Mateo Valero, a collaborator of the MEEP project, delivered a keynote speech on MEEP during the online HPCC-2020 event, while the project coordinator, John Davis, presented at several online conferences, including DATE, HPC User Forum, ISC, and more.

9. Publications

At an earlier stage of the project, a document containing the publication procedures and guidelines was distributed internally to all partners to accommodate the H2020 Publications rules and comply with the [Open Access policy](#).

There have been **5 scientific publications** related to MEEP in the form of conference proceedings (4) and journal articles (1). Full details on the current MEEP publications and any future ones can be found on the [MEEP publications page](#), which has been regularly updated.

10. Key Performance Indicators

Thorough monitoring has been applied to all dissemination activities and tasks. The metrics outlined in D2.1 Communication and Dissemination Plan illustrate the project's advancement and the effectiveness of the dissemination endeavours. Remarkably, not only were all actions and Key Performance Indicators (KPIs) achieved, but many exceeded the initial targets, highlighting the success of the project's dissemination efforts.

Key Performance Indicators	Activity	Type	Audience	Achieved (M1-M18)	Achieved (M1-M41)	Total Target (by the end of the project)	Expected impact
Press strategy	Press clipping			54	60	At least 100 press clippings	To inform the public about the project's start, progress and results.
Website	Project Website			8,971	18,161	At least 1,500 sessions per year	Communicating project impact to interested parties worldwide (e.g. news such as conference visits, publications & deliverables, partners, links, etc.)
Dissemination material	Project logo, Presentation Poster				1 presentation 1 poster	At least 1 Presentation and poster	Foster people's awareness of the project and its impact
	Project leaflet			1 leaflet	2 leaflet	At least 1 leaflet	Raise awareness on project targets, opportunities and partners, which can be distributed via email or directly after meetings or conferences
Academics and Industrial Events	Workshop	Conference	Industry	2 workshops 9 events	5 workshops 19 events	At least 3 workshops At least 12 events	Introducing the project to industrial (academic) participants
Scientific Publications				3 papers	5 papers	At least 4 papers	Show progress and results to the HPC and academic community.
Video				N/A	1 video	1 video	Show the project's results to general audiences

11. Conclusions

The MEEP project has influenced the academic HPC market by focusing on the RISC-V technologies in its results and dissemination activities. In the initial year, the project concentrated on dissemination tasks, including establishing the project's brand, creating key communication channels, participating in events, and forging initial collaborations. The main aim of this strategy was to launch the project efficiently and start building a community around it.

The communication and dissemination activities during the second period were aimed at communicating the development of the technology, promoting female research roles and trying to show that RISC-V technologies are proven to be the future for the HPC sector. The activities were concentrated on updating the website with technical information, attending numerous events to showcase the project's initial results and demos, publishing scientific papers and a second press release about the installation of MEEP's infrastructure, and establishing collaborations with relevant organizations such as RISC-V foundation, EuroHPC JU and European projects such as EPI SGA2 and EUPILLOT. It should also be mentioned that dissemination activities are closely connected with exploitations tasks from WP3. The team has collaborated closely with the Exploitation task leader, which helped gather the significant project outcomes and Key Exploitable Results.

12. Acronyms and Abbreviations

MEEP- The MareNostrum Experimental Exascale Platform

KPI – Key Performance Indicator

PM – Person month

PU – Public

WP – Work Package

DoA – Description of the action

BSC – Barcelona Supercomputing Center

UNIZG-FER – Faculty of Electrical Engineering and Computing, University of Zagreb

TÜBITAK BILGEM – The Scientific and Technological Research Council of Turkey, Informatics and Information Security Research Center

EC – European Commission

13. Annex

Below is a comprehensive compilation of the MEEP dissemination activities conducted from M1 (January 2020) to M42 (June 2023):

Partner	Type of activity	Details	Starting Date	Total Size Audience	Size of audience by type									
					Scientific Community (higher education / research)	Industry	Civil Society	General Public	Policy Makers	Media	Investors	Customers	Others	
BSC	Participation to a conference	SC'19	18/11/2019	13,950	8000	300					100	500	5050	
BSC	Other	MEEP Kick-off meeting	14/01/2020	27	27									
BSC	Other	The Next Platform article	14/11/2019	10000	5000	3000	200	500	10			645	645	
BSC	Other	La Vanguardia article	28/12/2019	15000	2000	2800	3000	5000	100	100		1000	1000	
BSC	Other	Inside HPC article	31/12/2019	10000	5000	3000	200	500	10			645	645	
BSC	Other	Europa Press article	01/01/2020	8000	1000	2000	2500	2500						
BSC	Other	Aldia article	01/01/2020	5000	500	1000	1500	1270	30			200	500	
BSC	Other	Islapad article	01/01/2020	500	50	150		300						
BSC	Other	La Vanguardia article	01/02/2020	15000	2000	4000	3500	2450	50			1000	2000	
BSC	Other	Science Business article	01/09/2020	20000	5000	5000	1000	1000	4000	1000		1000	1000	1000
BSC	Other	Lemarqué article	13/01/2020	7000	4000	1000							2000	
BSC	Other	Arquitectura article	23/01/2020	926	500	300		126						
FER	Other	FER article	13/02/2020	500	50	150		300						
BSC	Other	La Razón Cataluña article	26/02/2020	8000	1000	2000	2500	2500						
BSC	Other	Nació Digital article	26/02/2020	5000	500	1000	1500	1270	30			200	500	

BSC	Other	Gente en Catalunya article	26/02/2020	1000	300		500	200					
BSC	Other	Expansión article	26/02/2020	5000	500	1000	1500	1270	30		200	500	
BSC	Other	Primeur article	03/11/2020	2000	500	500	200	200	200	100	100	100	100
BSC	Other	HPC Wire article	03/11/2020	25000	5000	11250	1000	1500	1500	1500	1450	1450	350
BSC	Other	eeNews Europe article	03/11/2020	1000	600	300	50	40	5	5			
BSC	Other	EC article	03/12/2020	150	100	20		20	5				5
BSC	Other	BSC article	03/12/2020	76	50	26							
BSC	Other	Cordis article	03/12/2020	500	150	50	50		150	100			
BSC	Other	Coding Societies article	13/03/2020	1000	300		500	200					
BSC	Other	Inside HPC article	13/03/2020	10000	5000	3000	200	500	10		645	645	
BSC	Other	ECI Electronique article	16/03/2020	7000	4000	1000						2000	
BSC	Flyer	MEEP Flyer	16/03/2020	95	50	20	10	10	5				
BSC	Other	RISC-V article	17/03/2020	500	250	250							
BSC	Other	Opensource article	18/03/2020	8000	1000	2000	2500	2500					
BSC	Other	AWTI article	19/03/2020	250	25	25		25					25
BSC	Other	eSmartcity.es article	23/03/2020	7000	4000	1000						2000	
BSC	Other	EC project article	24/03/2021	200									
BSC	Other	Embedded Computing Design article	14/04/2020	25000	5000	11250	1000	1500	1500	1500	1450	1450	350
TUBITAK	Other	Tutel Bilgem Tubitak article	14/04/2020	150	50	25	25	25					25
BSC	Other	El correo libre issue 26 article	14/04/2020	300	100	50	50	50		25		25	
TUBITAK	Press Release	Tubitak PR	14/04/2020	250	50		50	50		50		50	
TUBITAK	Other	Webtekno article	17/04/2020	3000	500	500	1000	1000					

TUBITAK	Other	Sanal Basın article	17/04/2020	3000	400	500	1000	1000					100
FER	Press Release	FER PR	20/04/2020	112	50	40	10	12					
FER	Other	AMAC Alumni FER article	20/04/2020	300	100	50	50	50		25		25	
FER	Other	Ministarstvo znanosti i obrazovanja article	20/04/2020	159	80	20	25	25	5				4
TUBITAK	Other	Teknoloji haber article	20/04/2020	56	13	15	20						8
TUBITAK	Other	Radyo BALFM article	21/04/2020	100	20	30		50					
TUBITAK	Other	T.C Kirklareli universitesi article	24/04/2020	3218	1000	500	1000	700					18
FER	Other	Studentski article	25/04/2020	320	20	100	200						
FER	Other	SLORD article	27/05/2020	618	150	18	120	200			20	10	100
TUBITAK	Other	Biratto article	27/05/2020	314	100	50	50	100					14
BSC	Other	ECD blog	06/10/2020	700	500	200							
BSC	Organization of Workshop	ICS 2020	29/06/2020	500	355	20	20	20	10	10	5	30	30
BSC	Other	MEEP Virtual Workshop	13/07/2020	28	34								
BSC	Video/film	EC Video	14/07/2020	81	40	10	10	20	1				
FER	Participation to conference	IVPAI 2020	21/08/2020	150	80	20	20	20					10
BSC	Participation to conference	Russian Supercomputing Days 2020	22/09/2020	114	100	10						4	
BSC	Website	MEEP Website	30/09/2020	600	400	100	20	55	5	5		10	5
BSC	Non-Scientific and	11 project news	30/10/2020	252	200	4	10	10	10	3		10	5

	non-peer reviewed publication												
BSC	Participation to a conference	HPC Europa 3	22/10/2020	120	70	14	10	8			3	10	5
BSC	Other	EC project story	14/07/2020	100	30	20	10	10	10	5	10	5	
BSC	Other	RISC-V blog	11/10/2020	150	50	50	20	20	20	10	30	20	30
BSC	Participation to a conference	ApplePies 2020	20/11/2020	100	60	10	10	5	10				5
BSC	Non-Scientific and non-peer reviewed publication	3 projects news	17/12/2020	110	50	30	10	10	5				5
BSC	Other	Design & Reuse	12/08/2020	200	50	50	20	20	30	10	10	5	5
BSC	Other	HPC Wire article	12/08/2020	25000	5000	11250	1000	1500	1500	1500	1450	1450	350
BSC	Other	RISC-V press release	12/08/2020	500	100	100	50	50	30	30	100	30	10
BSC	Participation to a conference	HPCC 20'	14/12/2020	40	25	5	1	1	1	1	2	2	2
BSC	Other	OmpSs BSC article	18/01/2021	84	50	20	5	5	1				3
BSC	Other	HiPEAC info 62	18/01/2021	4160	2000	1500	50	250	50	35	25	200	50
BSC	Participation to a conference	DATE 2021	02/01/2021	20	15	2	1						2
BSC	Other	MEEP virtual gathering	02/08/2021	30	30								
BSC	Participation to a conference	Investigación e ingeniería: Mujer y niña en la ciencia	18/02/2021	11000	7940	2500	100	100	50	10	300		

BSC	Non-Scientific and non-peer reviewed publication	7 project news	30/03/2021	184	84	50	30	10	3	2	2		3
BSC	Other	Semiconductor magazine	22/04/2021	100	40	40	5			5		10	
BSC	Other	BIT magazine	23/04/2021	500	150	250	50	20	10	10	10		
BSC	Organization of a Workshop	ICS 2021	14/06/2021	80	30	20	5	5	2	3	5		
BSC	Participation to a conference	ISC 2021	24/06/2021	92	30	40	2	5		5	5	5	
BSC	Other	HPC Wire article	06/07/2021	25000	5000	11250	1000	1500	1500	1500	1450	1450	350
BSC	Other	HiPEAC info 63	15/06/2021	3165	1500	1100	85	150	100	30	100	100	
BSC	Non-Scientific and non-peer reviewed publication	4 project news	30/06/2021	255	100	50	30	20	5	10	5	10	25
BSC	Training	PRACE Summer of HPC	28/07/2021	300	88198	88004	29584	32757	10993	7689	12567	24946	2994
BSC	Participation to a conference	HPC User Forum: RISC-V in Europe: The Road to an Open Source HPC Stack	28/03/2022	300	150	130							20
BSC	Organization of a Workshop	HiPEAC CSW Spring 2022: MEEP project: A Digital Laboratory	26/04/2022	200	70	60	10	30	5	5	5	5	10

		for RISC-V HW/SW Codesign											
BSC	Participation to a conference	RISC-V Spring Week 2022: Boria Speaker	05/05/2022	800	300	150	100	100	20	30	10	10	80
BSC	Other	RISC-V Spring Week 2022: Poster presentation		800	300	150	100	100	20	30	10	10	80
BSC	Organization of a Workshop	3rd Workshop on RISC-V and OpenPOWER in HPC	27/06/2022	90	50	10		10	5				15
BSC	Other	RISC-V Spring Mentorship: Accelerating RISC-V vector instructions by using a bitonic network design		500	200	150		50	20	30		30	20
BSC	Other	European accelerator Special Session		300	150	130							20
BSC	Other	Entrevista Teresa Cervero Garcia - COITAEIT	21/04/2022	222	100	100		22					
BSC	Participation to a conference	CSW Spring 22: MEEP project: A Digital Laboratory for RISC-V HW/SW Codesign - Raúl Torres /	28/04/2022	400	200	100			30	20			50

		Francelly K. Cano Ladino											
BSC	Social Media	HiPEAC YouTube: CSW Spring 22: MEEP's Multi-devices, an OpenMP extension - Raúl Torres	15/08/2022	1120	600	200	50	100	100	50			20
BSC	Social Media	HiPEAC YouTube: CSW Spring 22: Introduction to MEEP - Francelly K. Cano Ladino, Barcelona Supercomputing Center	15/08/2022	1120	600	200	50	100	100	50			20
BSC	Other	Accelerating applications with RISC-V Systolic Array Coprocessors	03/05/2022	100	40	10		20					30
BSC	Other	HiPEAC Magazine: MEEP: SPEEDING UP EXASCALE ARCHITECTURE DEVELOPMENT - June 22	01/06/2022	2000	800	300	100	100	100	150	150	100	200
BSC	Social Media	Twitter: 3rd Workshop on RISC-V and	21/06/2022	13.500	5000	3000	2000	1000	500	400	100	400	600

		OpenPOWER in HPC											
BSC	Social Media	Linkedin: 3rd Workshop on RISC-V and OpenPOWER in HPC	21/06/2022	19.192	10000	4000	2000	1000	800	500	300	392	200
BSC	Social Media	Facebook: 3rd Workshop on RISC-V and OpenPOWER in HPC	21/06/2022	1.822	800	122	400	200	100	50	8	100	42
BSC	Social Media	Twitter: 4th Biannual Project Gathering	07/07/2022	15600	8000	2000	1000	1603	500	500	500	500	1000
BSC	Social Media	Linkedin: 4th Biannual Project Gathering	07/07/2022	25353	14000	5353	1500	1500	500	500	500	500	1000
BSC	Social Media	Facebook: 4th Biannual Project Gathering	07/07/2022	5062	2000	1000	1062	500					500
BSC	Participation to a conference	Risc-V en HPC: EU Projects	27/06/2022	60	60								
BSC	Organization of a Workshop	4th MEEP Biannual Gathering	07/07/2022	50	40								10
BSC	Participation to a workshop	Workshop FPGA Programming	12/09/2022	100	80								20
Tubitak	Press Release	MEEP - The MareNostrum Experimental Exascale Platform	12/09/2022	250	200				20	20			10

BSC	Participation to a conference	Women in Tech Carnival - Keynote Teresa Cervero	18/09/2022	200	150	20			10	10			10
BSC	Participation to a conference	RISC-V Summit 2022 - John Davis presentation	13/12/2023	500	350	100			10				40
BSC	Organization of a Workshop	HiPEAC Workshop: European RISC-V HPC Roadmap	16/01/2023	200	150	10			10	10			20
BSC	Exhibition	Participation in the poster session: EuroHPC Summit 2023	20/03/2023	2000	1200	300	100	100	100	50		50	100
BSC	Participation to an event other than conference / workshop	ISC 2023	25/05/2023	8000	5800	1000		200	200	100	100	100	500
BSC	Participation to an event other than conference / workshop	RISC-V Summit Europe	06/07/2023	1000	600	200			50	10			140
BSC	Social Media	Facebook: RISC-V Summit Europe	06/08/2023	5062	2000	1000	1062	500					500
BSC	Social Media	Linkedin: RISC-V Summit Europe	06/08/2023	25353	14000	5353	1500	1500	500	500	500	500	1000
BSC	Social Media	Twitter: RISC-V Summit Europe	06/08/2023	15600	8000	2000	1000	1603	500	500	500	500	1000