



**Deliverable 6.5**  
**Report on the final**  
**international workshops**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527 and runs from May 2017 to September 2021.

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Project Acronym	ORION	
Project Title	Open Responsible research and Innovation to further Outstanding kNowledge	
Grant Agreement no.	741527	
Start date of the project	01/05/2017	
End date of the project	30/09/2021	
Work Package number	WP6	
Deliverable Number	6.5	
Deliverable title	Report on the final international workshops	
Lead Beneficiary	VA	
Due date	M51 (September 2021)	
Date of delivery		
Nature	R (Report)	
Dissemination level	Public	
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## Executive summary

The aim of the ORION Open Science project is to explore ways in which research and funding organisations in life sciences and biomedicine can open up the way they fund, organise and do research, triggering institutional and cultural changes within these organisations. To highlight the ORION Open Science project activities, we organised three international workshops (online, due to the pandemic), one in June in the framework of an international conference and two in September 2021. The objectives of the ORION final workshops were the following:

1. To share the ORION activities, including co-creation and citizen science activities and projects, as well as trainings.
2. To disseminate the experience and lessons gained throughout the project.
3. To discuss ways to further implement RRI and Open Science on institutional, national and European level.

The workshops were targeted at representatives from research performing and funding organisations, science engagement practitioners, high-level national and international expert stakeholders, policy makers, science engagement managers and practitioners as well as other EU-funded projects.

The first workshop, [Engaging the public in science through dialogue and co-creation](#), was held on 25 June 2021 in conjunction with the international “Future of SciComm conference”, which was organised as an online event in Berlin by ALLEA and Wissenschaft im Dialog. During the online workshop, the participants were given an overview of the range of innovative methods and activities for engaging the public in science, that have been developed and tested during the ORION project since its start in May 2017. Examples included co-creation formats and methodologies, citizen science approaches, public and multi-stakeholder dialogues as well as gamification, presented by the ORION partners responsible for running the activities.

The second and third workshops were held on two consecutive days as the *ORION Open Science virtual Final Conference – Let’s put Open Science into practice* on 27–28 September 2021, at the very end of the ORION project. On 27 September, participants were given practical tips and hands-on tricks from ORION partners on how to engage the public in science and how to embed Open Science and RRI practices in their organisations. The workshop highlighted ORION citizen science activities including game development, co-creation methodologies, funding frameworks, action plans and training materials developed and tested during the project.

On 28 September, participants were invited to join invited policy makers and high-level expert stakeholders from across Europe and beyond to discuss ways to embed Open Science practices at institutional, national and European level. The conference focused on future implementation of Open Science in a national and European context with input from policy representatives from the European Commission, UNESCO, national authorities, and other European organisations and EU projects.



The fact that the final ORION workshops were held online facilitated the participation of contributors and made it possible for delegates all over the world to join the events. Each event attracted 100 participants from Europe and the US. This also resulted in a wider dissemination of the ORION activities, a global uptake of views and mutual learning on Open Science and RRI as well as rich and fruitful discussions on the implementation of Open Science in a global context. The latter was not a project objective but a positive advantage of bringing together the Open Science community online.

This deliverable *6.5 Report on the final international workshops* consists of a comprehensive report about the ORION final workshops including description of the events, programmes and contributors, evaluation and feedback from the participants, as well as communication and promotion activities.





# 1<sup>st</sup> workshop – Engaging the public in science through dialogue and co-creation

## Introduction

Over the past four years, the ORION project has been developing and testing a wide range of innovative methods and activities for engaging the public in science. Some of these were presented at the session *Engaging the public in science through dialogue and co-creation* at the Future of SciComm conference on 25 June, an international conference attended by over 900 actors from research and the practice of science communication.

The primary goal of this conference was to provide an impetus for stronger networking and further knowledge transfer activities in science communication. The conference was co-organised by Wissenschaft im Dialog, the organization for science communication in Germany, and ALLEA, the European Federation of Academies of Sciences and Humanities. All workshops and sessions during the conference were free of charge. The interest in the ORION workshop was extremely high and the organiser of the Future of SciComm conference had to raise the maximum attendance number on the digital meeting platform to accommodate all those who were interested in joining the workshop.

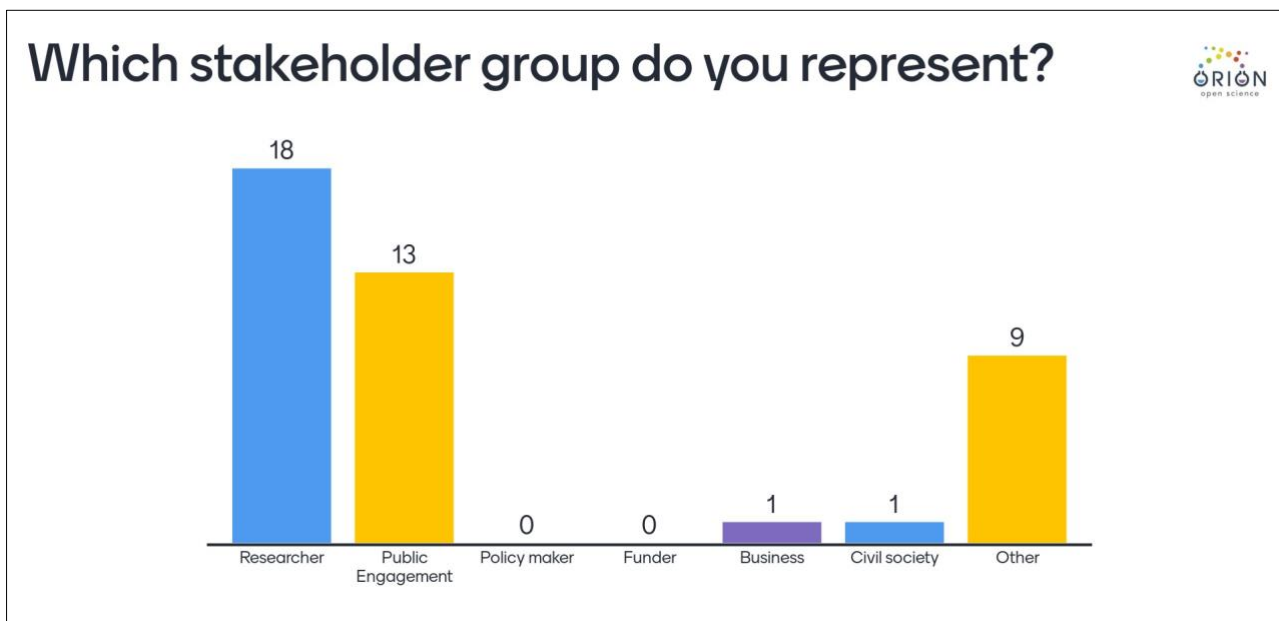
The ORION session *Engaging the public in science through dialogue and co-creation* was the first of a series of international workshops that the ORION project organised to showcase its results and project activities. It brought together close to 70 participants from across Europe, equally representing science communicators/engagers and researchers.



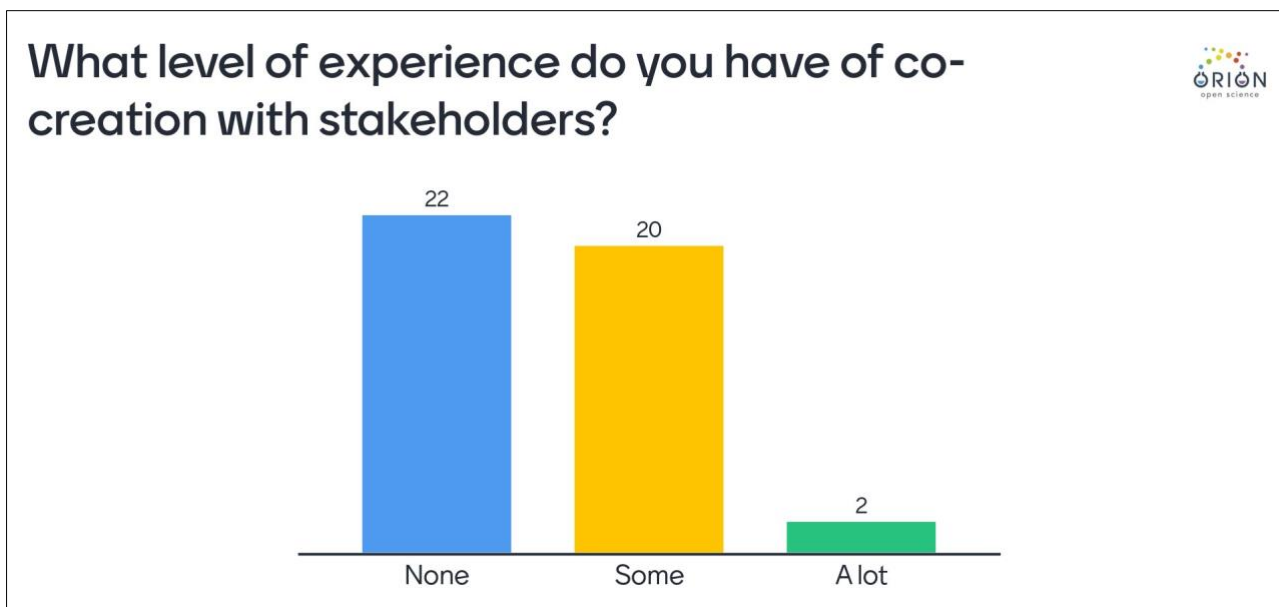
Due to the pandemic, the workshop was held as an online webinar via the Zoom platform, facilitated by Helen Garrison and Maria Hagarth from VA (Public & Science) in collaboration with the ORION Coordinator Michela Bertero, Centre for Genomic Regulation, CRG. In order to allow interaction with the audience during the workshop, the online voting tool Mentimeter was used. The tool was also used to learn what type of



stakeholder group the participants belonged to and whether they had any prior knowledge of co-creation and engagement activities. A major part of the participants worked as researchers or with public engagement.



The participants had some or little experience of co-creation with stakeholders. Those who had, mentioned different types of science engagement as citizen science, participatory sessions and co-creation workshops.





## Programme design and contributors

The online session ran for 1.5 hours online as a webinar via the Zoom platform due to the high number of participants. During the session the participants had the opportunity to dive more deeply into the methodologies and learnings together with the ORION partner representatives behind the activities. As the purpose of the session was to showcase different types of public engagement activities through co-creation and dialogue, we needed to refer to the impacts foreseen in the project proposal and demonstrate the different learning perspectives. Therefore, the participants were offered to participate in parallel virtual breakout rooms/sessions; one on **Gamification and co-creation** and the other on **Engagement and public dialogue in practice**. Participants were invited to choose the session that best fit their interests and each session was hosted by one of the moderators from VA (Public & Science) and speakers came from different ORION partners:

- Luiza Bengtsson, Public engagement and Knowledge exchange officer, MDC
- Marta Solis, Public engagement coordinator, CRG
- Gloria Lligadas Penarrubia, Head of Communications and Public Relations, CRG
- Fergus Powell, Schools public engagement officer, Babraham Institute

The sessions were run in the form of moderated interviews where the speakers presented their projects and activities in response to questions from the moderators. The participants were also invited to submit questions via the Mentimeter tool.





The ORION project has been trying out several different methodologies for stimulating dialogue, gathering opinions, and exploring complex subjects. In the breakout session Engagement and public dialogue in practice, participants learnt about the successes, challenges and learnings from three initiatives, including a series of public dialogues and a successful arts residency, organised by three ORION partners; Emma Martinez, BI, Marta Solis, CRG and Luiza Bengtsson, MDC.

In the Gamification and co-creation breakout room, the two gaming projects initiated by the ORION project; Genigma and VACCINE were used to illustrate how co-creation can be an effective way of including a wide range of stakeholders in science. Gloria Lligadas Penarrubia, CRG, gave an introduction to the successful co-creation process used to develop the citizen science game project Genigma. The aim of the game is to help researchers discover alterations in cancer cells. The other showcased gaming project was Vaccine, a digital game to inform students how vaccines are developed, presented by the project coordinator Fergus Powell, Babraham institute, BI.

## Communication

To promote, give visibility to the final workshop and reach a wider audience, several different ORION communication channels were used in parallel, like the website, emails, newsletter and social media (Facebook, LinkedIn and Twitter). No specific hashtag was created but the hashtag for the event, #FSCC21, was used on all digital communication material. All partners were also advised and encouraged to invite their respective stakeholders and to disseminate information about the event in their own communication channels.

## Website

The workshop had a specific webpage under the event section on the ORION Open Science website. This webpage provided information about the event, links to the different engagement activities that would be showcased, information on the Future of SciComm conference and how to register. It was also marketed on the Future of SciComm conference website and in the calendars of the ORION partners.



Screenshot of ORION webpage



ORION has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527.

## Newsletter

Information about the workshop and its content was included in the [March](#) and [June](#) 2021 editions of the ORION newsletter and in partners' newsletters.

## Social media

The event was highlighted by the ORION social media channels (Twitter, Facebook and LinkedIn) prior to the event. As the workshop was held during the Future of SciComm conference, the specific hashtag for this event #FSCC21 was included in all social media posts about the event. By adding that hashtag we encouraged the conference participants and others following or monitoring the conference to engage with us before, throughout and after the event.

In total, ORION directly contributed to **51** Twitter posts, **2** Facebook and **2** LinkedIn posts, in addition to other posts and retweets from other participants and partners. After the event, we continued to post info in our social media accounts (Twitter, Facebook and LinkedIn) in order to share additional interesting content that was mentioned during the workshop, as well as the article and the recordings from the event.

## Promotion material & post communication activities

As the event was held online, participants were given a [virtual goodie bag](#) containing a selection of the ORION project activities, for example inspiring stories, training materials, MOOC, co-creation menu, fact sheets and much more.



Screenshot of ORION goodie bag as presented at the virtual conference



Participants were also given information about and invited to participate in the virtual final ORION conference. To sum up the session and to further disseminate its content an article was written which was published on the ORION [website](#) and further disseminated in the ORION social media channels.

## Evaluation and feedback

As participants in the ORION workshop signed up to attend via their registration for the Future of SciComm, it was not possible to send out feedback questionnaires after the event. However, in order to capture and assess how the online workshop was received, an evaluation was conducted at the end of the workshop. The knowledge gained and lessons learned among the participants were captured via the Mentimeter tool by asking them to answer the following two questions: Are you now inspired to do more co-creation and stakeholder engagement? What is your takeaway from this event? Most participants responded that the session had made them more inspired to include co-creation and engagement methods and activities in their work.

Some of the knowledge gained was that *Engagement cannot be improvised but must be planned professionally, Open Science Policy is a great tool, Gamification is interesting but very resource consuming and that Art & Science is a powerful tool for engagement in need of further exploration.*

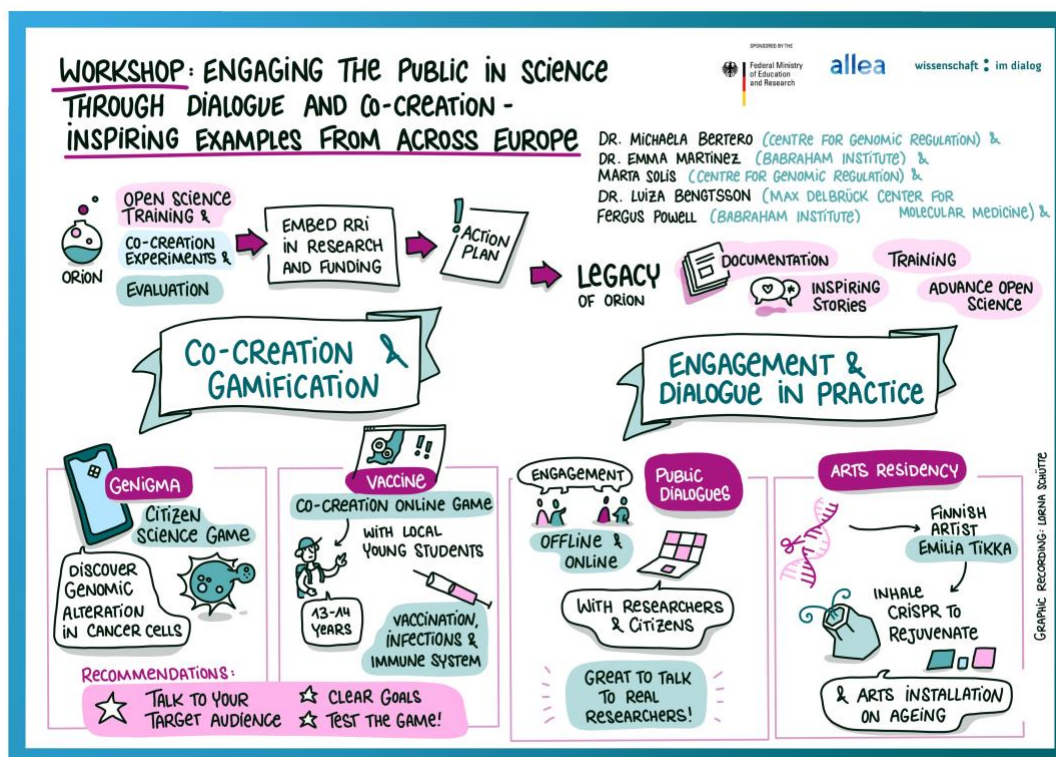
## What is your take away from this event?



Would have liked to have answers to questions in breakout	Nice gamification possibilities to involve scientists, practitioners and citizens!	Tension is good! Bringing people from outside to shake things up can open new opportunities, views and understanding
we can do so much more/ work more with stakeholders so many nice and fancy tools to do so	Gamification is interesting but very resource consuming	establishing a common language between a science and artists is really important, and be persistent.
a grasp of the complexity given the scope of ORION	There are cool ways to connect with different stakeholders	Useful materials on orion website
more info on methods	Open Science Policy is a great tool	Inspired by the idea of brining art and science together
science engagement is fun - on both sides :)	Artscience is a powerful tool for engagement in need of further exploration	Inspiration to work with artists
Engagement cannot be improvised but must be planned professionally	give the participatory design process time and space	So many inspiring projects are already being conducted



Another way to capture the event was engaging Lorna Schütte a graphical recorder, who summarised the event and the ORION engagement activities in a colourful image.



The event was recorded digitally, and the film is available on the ORION [YouTube-channel](#).





## 2<sup>nd</sup> workshop – ORION Final conference 27–28 September

### Introduction

The initial plan was to hold the final conference of the ORION project at the end of September in Barcelona. However, due to the ongoing pandemic and current Covid-19 restrictions, it was decided in mid-June that the final conference would be held online on 27–28 September 2021. It was also decided by the project management that the conference should not only highlight achievements and lessons learned from all the project activities but also open up for discussions on the implementation of Open Science on institutional, national and European level. The conference was open to anyone interested in Open Science and RRI practices and its future national and international implications, but with a special focus on representatives from research performing and research funding organisations, researchers, science engagers and policy makers.

The fact that the conference was held entirely online, and free of charge, facilitated the participation from speakers and delegates across the globe. When the registration closed 350 participants from 44 countries had registered for the event. More than 100 delegates then participated each day of the conference and 22 speakers contributed to make the event a true success. Among these were prominent speakers like

- **Rachel Bruce**, Head of Open Research, UK Research & Innovation (UKRI),
- **Cecilia Cabello**, Director of Operations, Spanish Foundation for Science and Technology (FECYT),
- **Teresa Moreno-Casbas**, Head of Unit, Instituto de Salud Carlos III,
- **Ana Peršić**, Programme Specialist, Division of Science Policy and Capacity Building, UNESCO and
- **Kostas Glinos**, Head of Unit for Open Science, European Commission.

In addition, **Joan Gómez Pallarès**, General Director of Research Department of Research and Universities, Government of Catalonia, and **Luis Serrano**, Director of CRG, gave the closing addresses the first day. **Gonzalo Arevalo**, General Director for Research Planning, Spanish Ministry for Science and Innovation, was invited to give the welcoming address on the second day of the event.

### Programme design and contributors

The virtual conference consisted of two parts, each three hours long (10:00-13:00 CEST) and held on consecutive days, 27–28 September. Participants were welcome to join both days or just the conference sessions most relevant to them:

- **27 September: Co-creation, engagement and dialogue – Sharing experiences**  
The first day offered practical tips and hands-on tricks to engage the public in science and to embed Open Science and RRI practices in organisations. The sessions highlighted citizen science activities including game development, co-creation methodologies, funding frameworks, action plans and training materials developed and tested during the ORION Open Science project.





- **28 September: Embedding Open Science practices at institutional, national and European level**

The second day consisted of discussions on how best to embed Open Science practices at all levels with policy makers and other stakeholders from across Europe. The sessions focused on future implementation of Open Science in a European context with input from policy representatives from the European Commission and other EU projects.



**27-28 SEPTEMBER**

**Let's put Open Science into practice!**  
**ORION Open Science Final Conference**

27 September Co-creation, engagement and dialogue – Project showcase

28 September Embedding Open Science practices at national, European and organisational level

@ORION\_opensci #ORIONFinalConf

**Free of charge**

**MORE INFORMATION: [ORION-OPENSOURCE.EU/EVENTS](https://orion-openscience.eu/events)**

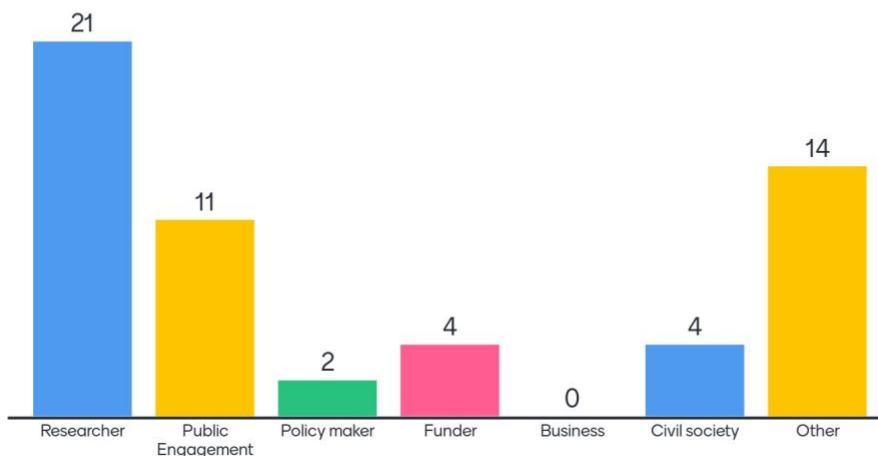
Due to the high number of registered participants the event was run as a webinar on the Zoom platform. To capture who was participating, where they were located and which stakeholder group they belonged to, the delegates were asked to answer some questions via Mentimeter. The same questions were asked the second day and the figures below indicate that researchers formed the largest stakeholder group attending the conference.

Day 1 Participants

**Where are you right now, in which city?**



## Which stakeholder group do you represent?

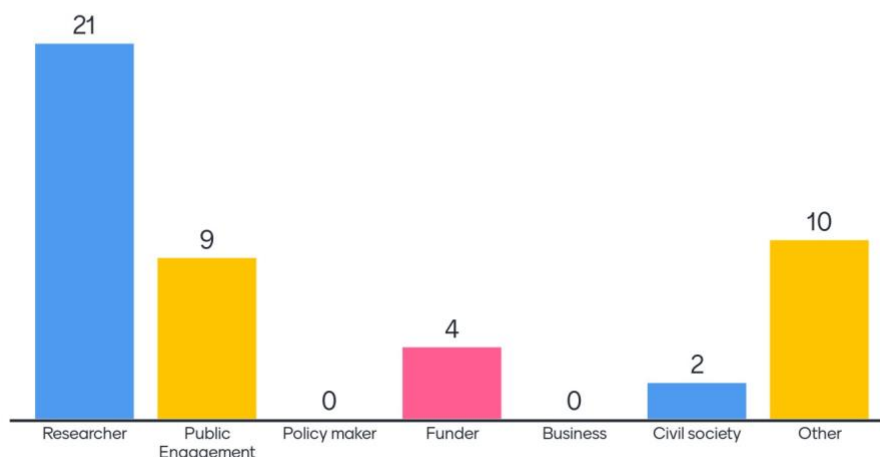


### Day 2 participants

## Where are you right now, in which city?



## Which stakeholder group do you represent?



The participants were also asked what Open Science means to them. The three most often mentioned words the first day were collaboration, open collaboration and availability, and on the second day collaboration, transparency and sharing.

### *What is Open Science to you? Menti word cloud 27 September*



## What is Open Science to you? Menti word cloud 28 September



## 27 September: Co-creation, engagement and dialogue – Sharing experiences

The ORION work package leaders and task managers contributed on the first day, 27 September, with exciting and engaging presentations on project achievements and lessons learned. Michela Bertero, CRG, and Helen Garrison, VA (Public & Science) moderated the event. A [promotion video](#) about the ORION project's activities and achievements was shown at the start of the day. The programme was divided into five main sessions, each presenting parts of the main activities of the ORION project:

- Open Science training
- Co-creation and citizen science
- ORION Public dialogue
- Awards and funding mechanisms
- The ORION Legacy



**ORION** open science 

**DAY 1**  
27 September

### Let's put Open Science into practice!

#### ORION Open Science virtual Final Conference

Monday 27 September 10:00-13:00 CET

#### Co-creation, engagement and dialogue – Project showcase sharing experiences

Get practical hands-on tips and tricks to engage the public in science and how to embed Open Science practices in your organisation. The session will highlight tools; citizen science activities, co-creation methodologies, funding frameworks, action plans and training materials developed and tested during the ORION Open Science project.

**PROGRAMME**

**10:00 Welcome and introduction to ORION Open Science project**  
**Open Science training**  
Examples of different training formats developed, tested and evaluated by the ORION Open Science project as workshops, MOOC, podcast and more.  
**Luiza Bengtsson, MDC & Zoe Ingram, MDC**

**10:40 ORION Public dialogue**  
Highlights from activities, learnings and impact of the ORION public dialogues.  
**AEON - Luiza Bengtsson, MDC**  
Public dialogues - **Emma Martinez, BI**  
Public dialogue CRG - **Marta Solis, CRG**

**11:20 Co-creation and citizen science**  
Showcase of the ORION co-creation and citizen science projects;  
**Vaccine - Fergus Powell, Babraham Institute (BI)**  
**Meltic - Victoria Ramos, Instituto Salud Carlos III (ISCIII)**  
**Genigma - Elisabetta Broglio, Centre for Genomic Regulation (CRG)**  
**SMOVE - Katharina Nimptsch, Max Delbrück Center for Molecular Medicine (MDC)**

**12:00 Awards and funding mechanisms to promote Open Science and RRI**  
Showcase of activities, learnings and impact of the RRI Health Awards and the Czech Regional Student Competition.  
**RRI Health Awards "RRI Prize" - Iris San Pedro, ISCIII**  
**Regional Student Competition - Michael Dolezal, JCMM**

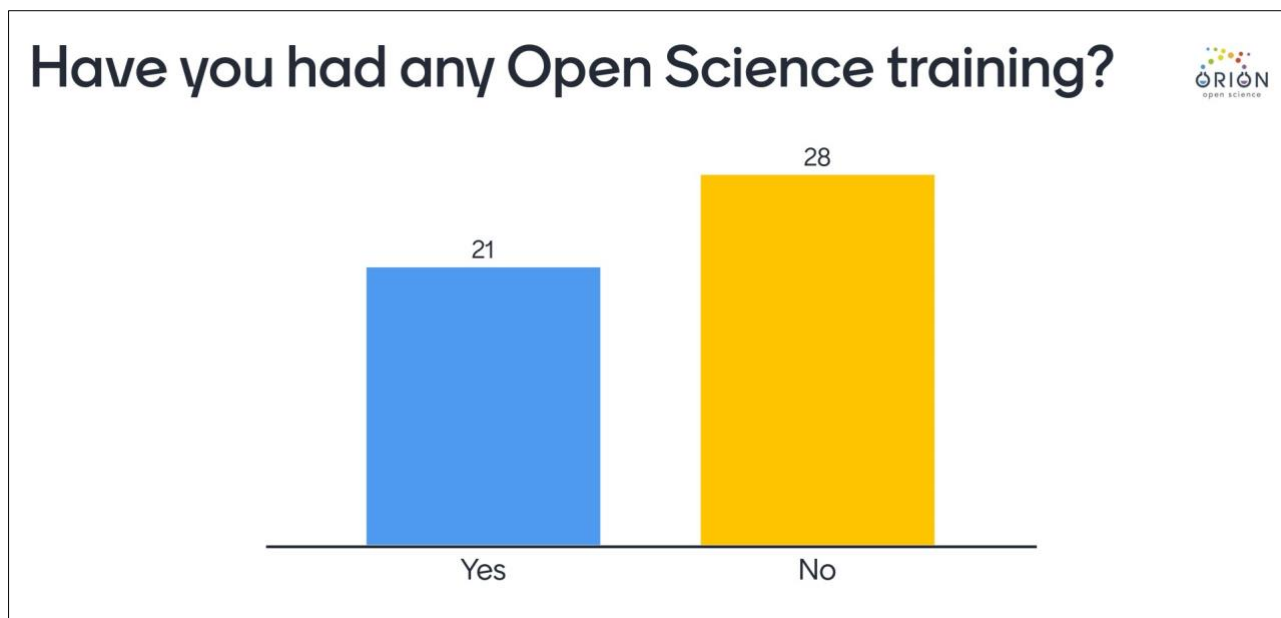
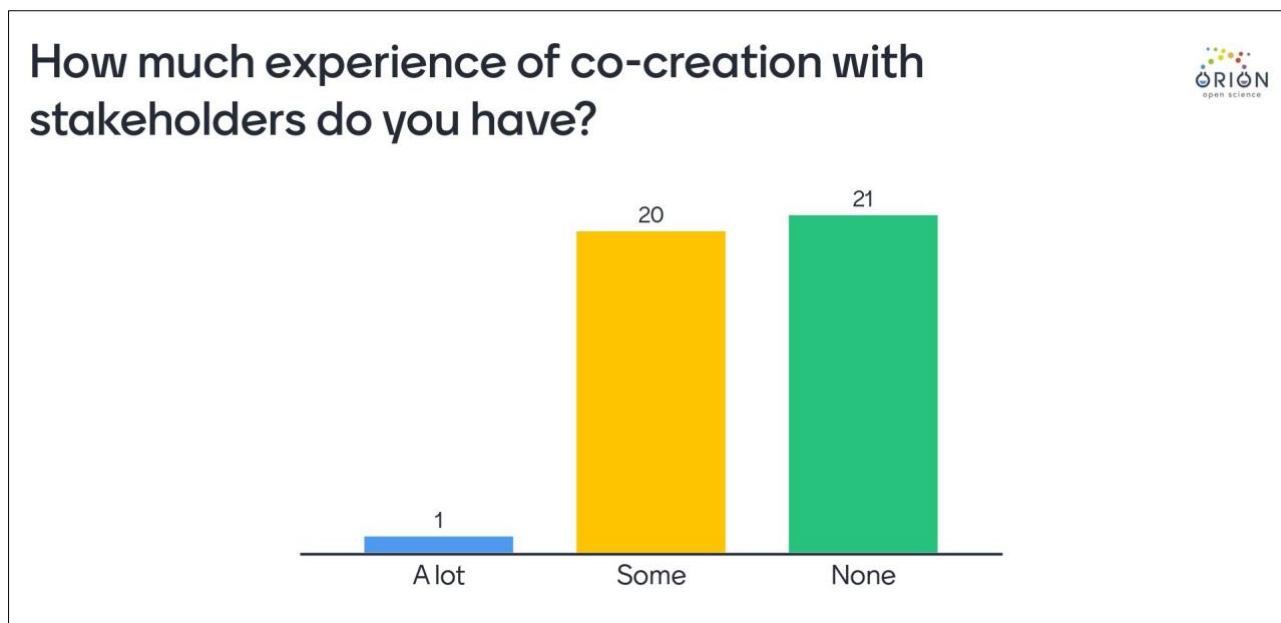
**12:25 Lessons learned and the ORION Open Science legacy**  
**Digna Cuoso, Crecim & Michela Bertero, CRG**

**12:50 Closing address**  
**Luis Serrano, CRG & Joan Gómez Pallarès, Government of Catalonia**





To interact with the audience, the Mentimeter tool was used during the different sessions to capture the delegates' experience of co-creation and knowledge of Open Science.



Participants were also invited to ask questions to the speakers through the Q&A function in the Zoom webinar. These questions were picked up and introduced by the moderators. The day ended with a closing address of **Luis Serrano**, Director, Centre for Genomic Regulation, and **Joan Gómez Pallarès**, General Director of Research Department of Research and Universities, Government of Catalonia.



## 28 September – Embedding Open Science practices at institutional, national and European level

The second day focused on how to implement open science and the influence the ORION project has had on institutional changes and national policies as well as the legacy it leaves for further use in future European policies. The event was moderated by Michele Catanzaro, a science journalist based in Spain. A newly produced [promotion video](#) about the ORION project's activities and achievements was shown at the start of the day. Gonzalo Arevalo, General Director for Research Planning, Spanish Ministry for Science and Innovation, gave the welcoming address and the listed prominent speakers participated in the different sessions:

- **Marta Agostinho**, Coordinator, EU-Life (Spain)
- **Rachel Bruce**, Head of Open Research, UK Research & Innovation (UKRI, UK)
- **Cecilia Cabello**, Director of Operations, Spanish Foundation for Science and Technology (FECYT, Spain)
- **Claudia Colonello**, Senior Social Researcher, K&I (Knowledge & Innovation) former StartBios EU-project (Italy)
- **Mihaela Costache**, Project Officer, Research Executive Agency, European Commission (Belgium)
- **Teresa Moreno-Casbas**, Head of Unit, Instituto de Salud Carlos III, (Spain)
- **Kostas Glinos**, Head of Unit for Open Science, European Commission
- **Karel Luyben**, National Coordinator for Open Science in the Netherlands, Delft University (Netherlands)
- **Ignasi López Verdeguer**, Director of the Department of Science, "la Caixa" Foundation (Spain)
- **Ana Peršić**, Programme Specialist, Division of Science Policy and Capacity Building, UNESCO (France)
- **Peter Rugg-Gunn**, Head of Public Engagement, Babraham Institute (UK)



Gonzalo Arevalo, General Director for Research Planning, Spanish Ministry for Science and Innovation



The event was divided into three parts, one for each policy level:

- **Embedding Open Science in institutions – the road to success**  
Presentation of the ORION institutional action plans and discussions on the challenges and opportunities for implementing Open Science within research performing and funding organisations.
- **Way forward for national Open Science strategies**  
Presentation of an inspiring example from the Czech Republic and examples on how Open Science is being implemented nationally across Europe.
- **Open Science at European level – Let's put Open Science into practice!**  
Presentation and discussions on how to implement Open Science practices in an European context.



**ORION** open science 

**DAY 2**  
28 September

## Let's put Open Science into practice!

### ORION Open Science virtual Final Conference

Tuesday 28 September 10:00-13:00 CET

#### Embedding Open Science practices at national, European and institutional level

Join policy makers and other stakeholders from across Europe to discuss ways to embed open science practices at national, European and institutional level as well as future collaboration opportunities.

**DRAFT PROGRAMME**

**10:00 Welcome and introduction to ORION Open Science project**  
Michela Bertero, CRG  
**Welcome address**  
Gonzalo Arevalo, Spanish Ministry for Science and Innovation  
**Embedding Open Science in institutions – the road to success**  
Presentation of the ORION institutional action plans and discuss the challenges and opportunities for implementing Open Science within research performing and funding organisations.  
Digna Cuoso, Crecim  
Emma Martinez, BI  
Pilar Gayoso, ISCIII  
Peter Rugg-Gunn, BI  
Claudia Colonnello, Knowledge & Innovation

**11:00 Way forward for national Open Science strategies**  
Presentation of the inspiring example from the Czech Republic and examples on how Open Science is being implemented nationally across Europe.  
Ester Jarour, CEITEC,  
Rachel Bruce, UKRI,  
Cecilia Cabello Valdés, FECYT  
Karel Luyben, Delft University

**11:45 Open Science at European level – Let's put Open Science into practice!**  
Presentation and discussions on how to implement Open Science practices in a European context.  
Kostas Glinos, European Commission  
Ana Peršić, UNESCO  
Ignasi López Verdeguer, "la Caixa" Foundation  
Marta Agostinho, EU-Life  
Michela Bertero, CRG

**12:45 Closing remarks - Lessons learned and ORION Open Science Legacy**  
Mihaela Costache, European Commission

**MORE INFO AT: [ORION-OPENSOURCE.EU/EVENTS](https://orion-openscience.eu/events)**



## Communication

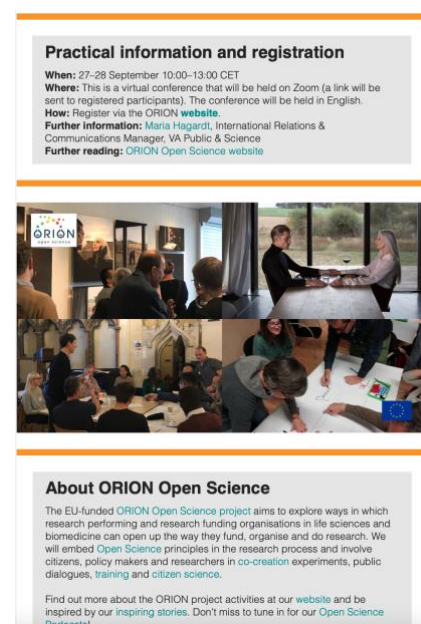
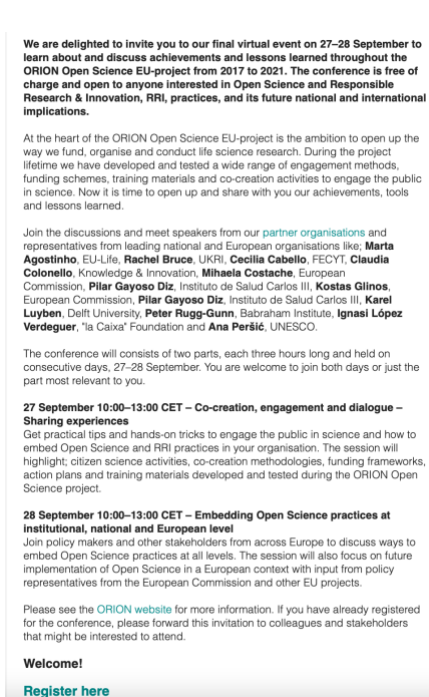
To promote, give visibility to the final workshop and reach a wider audience, several different ORION communication channels were used in parallel: website, email, newsletter and social media (Facebook, LinkedIn and Twitter). A specific hashtag **#ORIONFinalConf** was created and used on all communication material. All partners were also advised and encouraged to invite their respective stakeholders and to disseminate information about the event in their own communication channels.

### Registration process

A Save-the-date was published on 22 June on the ORION website and disseminated via the June issue of the [ORION newsletter](#). The [first invitation](#) was subsequently sent on 14 July to all newsletter subscribers plus disseminated to other stakeholders via the ORION partners' emailing lists. A [second invitation](#) with more details and additional speakers was disseminated at the end of the holiday season on 24 August, followed by a [third invitation](#) on 15 September. Invitations were also disseminated through the ORION and ORION partners' social media accounts.



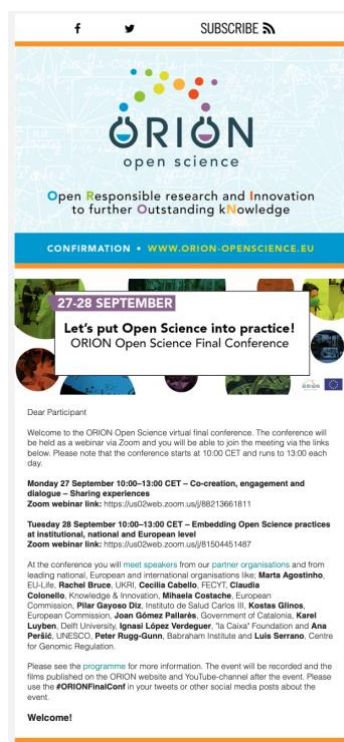
Screenshot of the first invitation



A separate online registration form was set up on the ORION website and registrations closed on 23 September, a few days before the event. Participants could choose to register for the whole event or for any of the two days. A first confirmation to registered participants was disseminated a week prior to the conference and a second the Friday before. In the morning of each conference day, reminders were sent to the delegates.







Screenshot of the reminder

## Promotion material

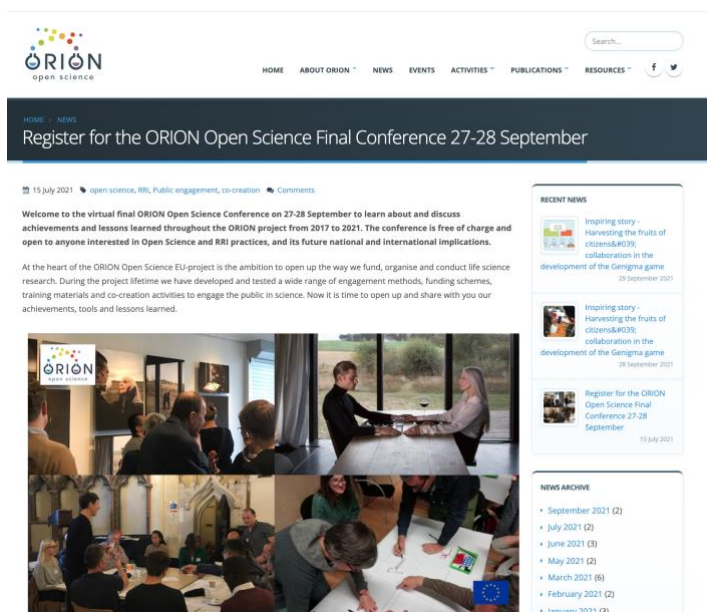
A set of promotion materials was developed to attract, inform and help partners to maximise their communication efforts about the final conference:

- A website banner, website images and information texts
- A promotion leaflet
- A short infographic film for social media purposes
- Social media messages
- E-mail invitation (see above)



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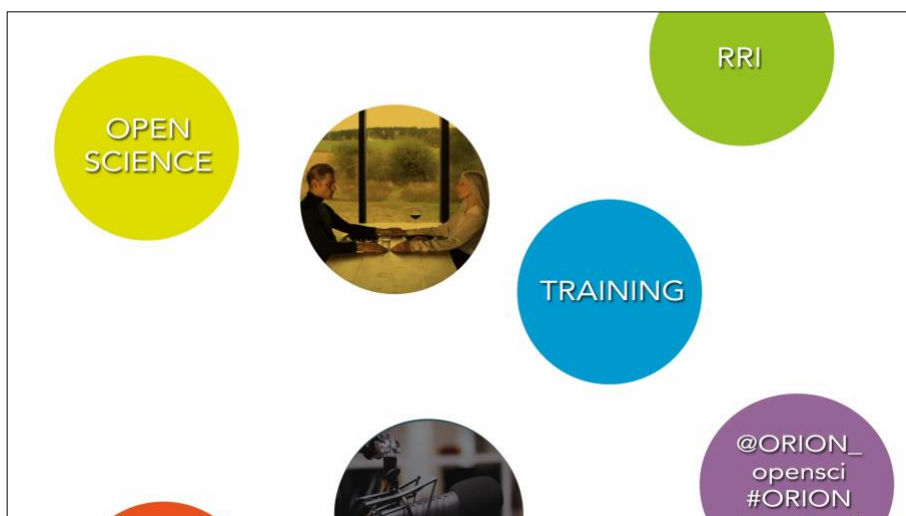




Screenshot ORION website information



Website banner



Infographic promotion film



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**27-28 SEPTEMBER**

**Let's put Open Science into practice!**  
ORION Open Science virtual Final Conference

Welcome to the virtual final ORION Open Science Conference on 27-28 September to learn about and discuss achievements and lessons learned throughout the ORION project from 2017 to 2021. The conference is free of charge and open to anyone interested in Open Science and RRI practices, and its future national and international implications.

The conference will consist of two parts, each three hours long and held on consecutive days, 27-28 September. You are welcome to join both days or just the part most relevant to you.

**27 September 10:00-13:00 CET**  
Co-creation, engagement and dialogue – Sharing experiences

Get practical tips and hands-on tricks to engage the public in science and how to embed Open Science and RRI practices in your organisation. The session will highlight: citizen science activities, co-creation methodologies, funding frameworks, action plans and training materials developed and tested during the ORION Open Science project.

**28 September 10:00-13:00 CET -**  
Embedding Open Science practices at institutional, national and European level

Join policy makers and other stakeholders from across Europe to discuss ways to embed Open Science practices at all levels. The session will also focus on future implementation of Open Science in a European context with input from policy representatives from the European Commission and other EU projects.

[REGISTER HERE](#)

[@ORION\\_opensci](#) [#ORIONFinalConf](#)

**MORE INFO AT: [WWW.ORION-OPENSOURCE.EU/EVENTS](http://WWW.ORION-OPENSOURCE.EU/EVENTS)**

Marketing leaflet



**ORION Open Science**  
Publicerat av Falcon.io · 20 september kl. 18:30

Be inspired by our public engagement, citizen science and gaming project activities. Discuss Open Science policies with speakers from [UNESCO European Commission La Caixa Foundation F E C Y T - Ciencia e Innovación](#) - and several more, at the virtual [#ORIONFinalConf](#) on 27-28 September. Registrations will close on 23 September. Welcome! [#OpenScience](#) [#RRI](#) [#Horizon2020](#) [#SciComm](#) [#Lifesciences](#) [#publicengagement](#) [#ccreation](#) [#citizenscience](#)

**27-28 SEPTEMBER**

**Let's put Open Science into practice!**  
ORION Open Science Final Conference

[@ORION\\_opensci](#) [#ORIONFinalConf](#)

**MORE INFORMATION: [ORION-OPENSOURCE.EU/EVENTS](http://ORION-OPENSOURCE.EU/EVENTS)**

Free of charge

ORION-OPENSOURCE.EU  
Register for the ORION Open Science Final Conference 27-28 September



**ORIONOpenScience**  
157 followers · 2w ·

During the last 4,5 years we've been trying out new formats and methods to engage with the public in science. It's now time to showcase what we've learned and to discuss how to best implement Open Science and RRI on organisational, national and EU level. Welcome to the virtual [#ORIONFinalConf](#) on 27-28 September and meet the speakers: <https://fal.cn/3ipLR>. [#OpenScience](#) [#PublicEngagement](#) [#RRI](#) [#CoCreation](#) [#CitizenScience](#) [#gaming](#) [#Horizon2020](#) [#HorizonEurope](#)

**27-28 SEPTEMBER**

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**MORE INFORMATION: [ORION-OPENSOURCE.EU/EVENTS](http://ORION-OPENSOURCE.EU/EVENTS)**

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During the last 4,5 years we've tried new methods to engage the public in [#science](#). At the [#ORIONFinalConf](#) 27-28 Sep we'll showcase lessons learned & discuss how to best implement [#OpenScience](#) & [#RRI](#) [#PublicEngagement](#) [#CitizenScience](#) [#gaming](#) [@HorizonEU](#) [fal.cn/3ipM5](https://fal.cn/3ipM5)



3:05 pm · 22 Sep 2021 · Falcon Social Media Management

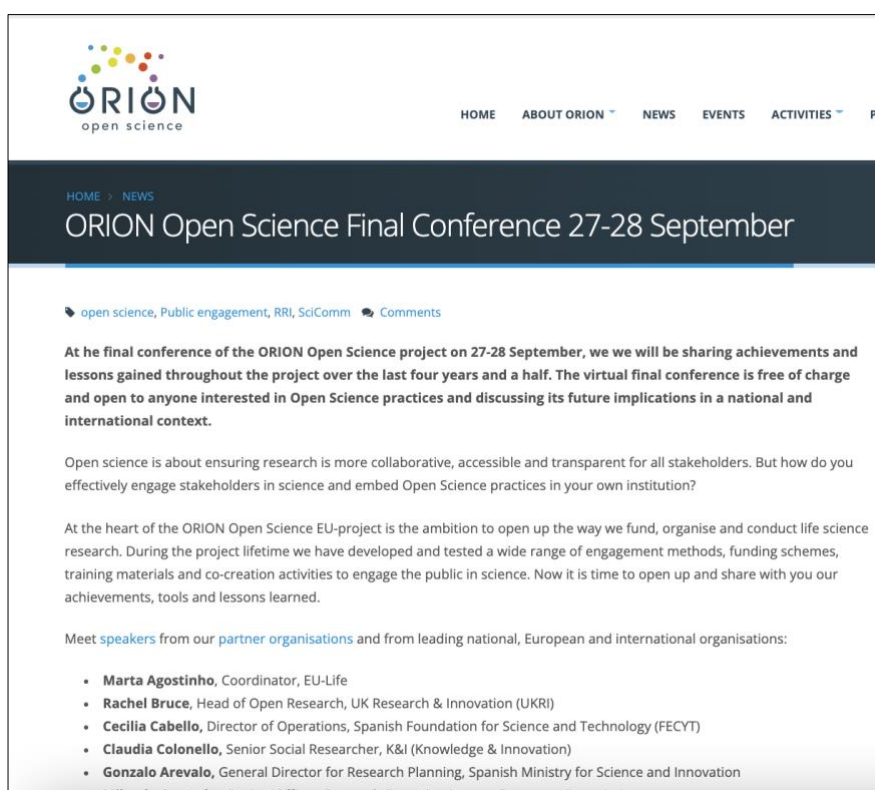
Some examples of social media posts: Facebook, LinkedIn and Twitter



ORION has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527.

## Website

The final conference had a [specific webpage](#) under the events section on the ORION website. This webpage provided information about the event, links to the different activities that were to be showcased, presentations of the speakers and a link to the registration form. The webpage was continuously updated with information on additional speakers.

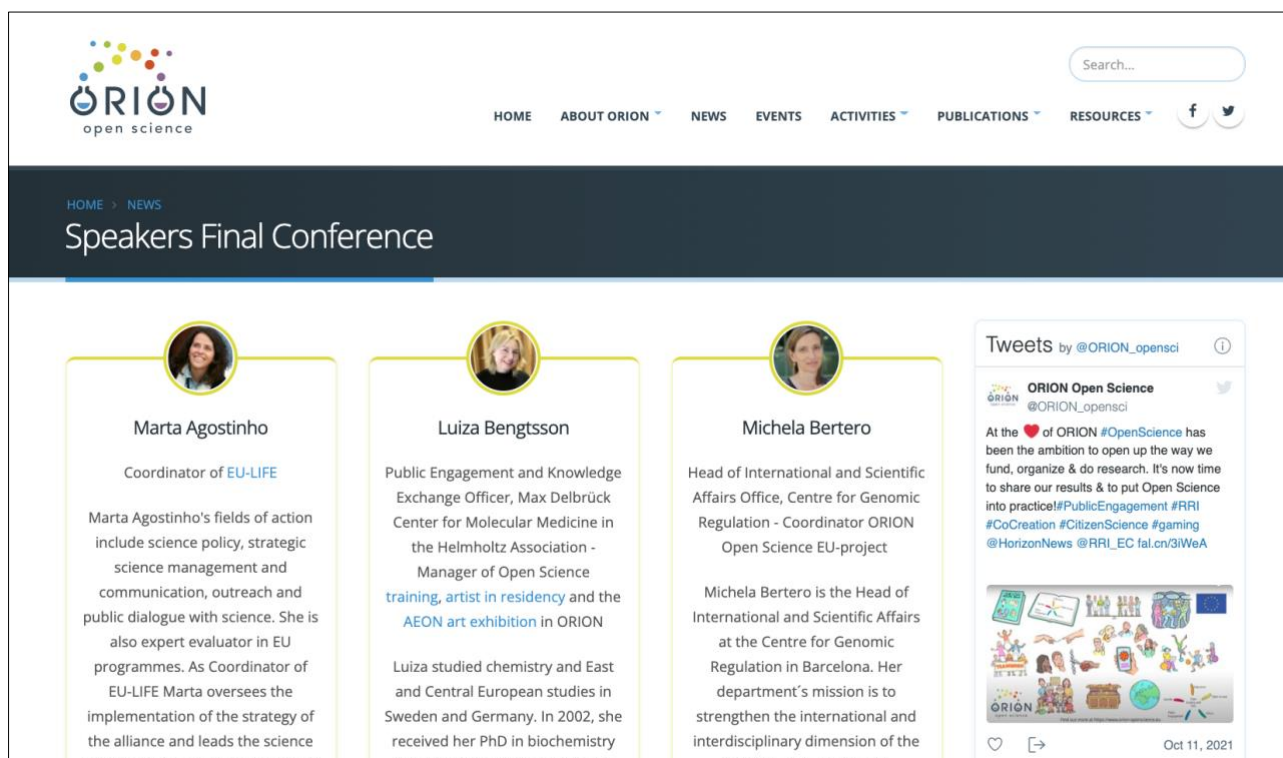


Screenshot ORION webpage for the final conference

A separate webpage was set up a couple of weeks prior to the conference to present all the participating speakers. The webpage contained a photo and a brief presentation of each speaker. This page was also linked to the event page and to the news section. The prominent speakers were also highlighted in the ORION social media posts to promote the event and attract participants.







**Speakers Final Conference**

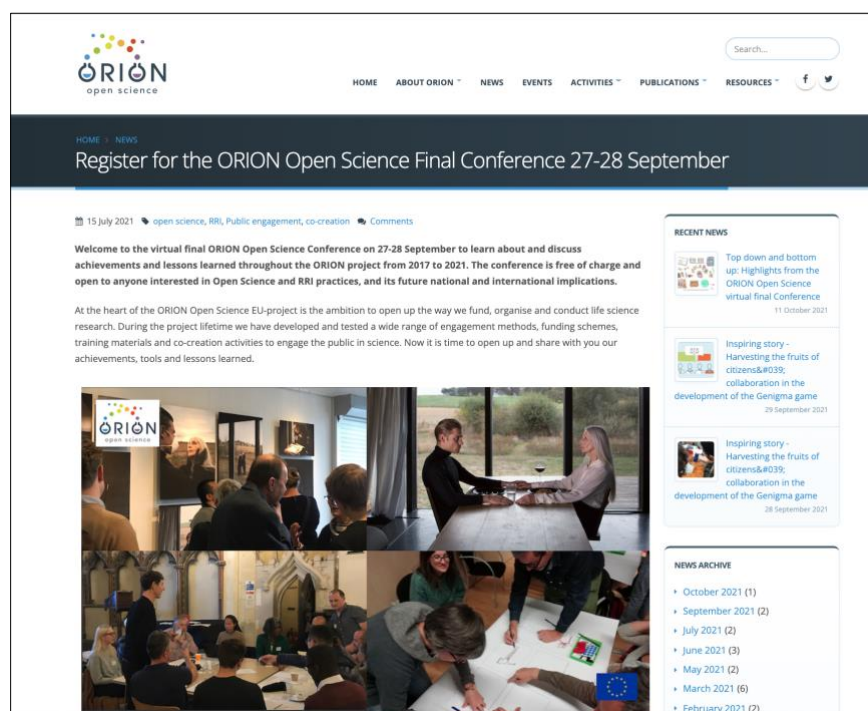
**Marta Agostinho**  
Coordinator of EU-LIFE  
Marta Agostinho's fields of action include science policy, strategic science management and communication, outreach and public dialogue with science. She is also expert evaluator in EU programmes. As Coordinator of EU-LIFE Marta oversees the implementation of the strategy of the alliance and leads the science

**Luiza Bengtsson**  
Public Engagement and Knowledge Exchange Officer, Max Delbrück Center for Molecular Medicine in the Helmholtz Association - Manager of Open Science training, artist in residency and the AEON art exhibition in ORION  
Luiza studied chemistry and East and Central European studies in Sweden and Germany. In 2002, she received her PhD in biochemistry from the Free University of Berlin

**Michela Bertero**  
Head of International and Scientific Affairs Office, Centre for Genomic Regulation - Coordinator ORION Open Science EU-project  
Michela Bertero is the Head of International and Scientific Affairs at the Centre for Genomic Regulation in Barcelona. Her department's mission is to strengthen the international and interdisciplinary dimension of the

**Tweets by @ORION\_opensci**  
ORION Open Science @ORION\_opensci  
At the heart of ORION #OpenScience has been the ambition to open up the way we fund, organize & do research. It's now time to share our results & to put Open Science into practice! #PublicEngagement #RRI #CoCreation #CitizenScience #gaming @HorizonNews @RRI\_EC fa.cn/3iWeA  
Oct 11, 2021

A news item for the final conference was also published under the news section of the website. This article also had links to the registration page, the draft programme and the speaker presentation page.



**Register for the ORION Open Science Final Conference 27-28 September**

15 July 2021 | open science, RRI, Public engagement, co-creation | Comments

Welcome to the virtual final ORION Open Science Conference on 27-28 September to learn about and discuss achievements and lessons learned throughout the ORION project from 2017 to 2021. The conference is free of charge and open to anyone interested in Open Science and RRI practices, and its future national and international implications.

At the heart of the ORION Open Science EU-project is the ambition to open up the way we fund, organise and conduct life science research. During the project lifetime we have developed and tested a wide range of engagement methods, funding schemes, training materials and co-creation activities to engage the public in science. Now it is time to open up and share with you our achievements, tools and lessons learned.

**RECENT NEWS**

- Top down and bottom up: Highlights from the ORION Open Science virtual final Conference | 11 October 2021
- Inspiring story - Harvesting the fruits of citizens&#039; collaboration in the development of the Genigma game | 29 September 2021
- Inspiring story - Harvesting the fruits of citizens&#039; collaboration in the development of the Genigma game | 28 September 2021

**NEWS ARCHIVE**

- October 2021 (1)
- September 2021 (2)
- July 2021 (2)
- June 2021 (3)
- May 2021 (2)
- March 2021 (6)
- February 2021 (2)

Screenshot ORION news page



ORION has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527.

## Newsletter

Information about the conference and its content was included in the [March](#) and [June](#) editions of the ORION newsletter, in partners newsletters as well as in other EU-projects' and networks' newsletters.



## Social media

A social media campaign was launched prior to the event in order to promote awareness and participation at the ORION Final Conference. The specific hashtag set up for the event **#ORIONFinalConf** was used to encourage active social media engagement by participants before, throughout and after the event.

Before the event, a social media strategy was developed to ensure that information and content from the conference and its different sessions were regularly posted in the ORION social media channels. During the event, the ORION directly contributed with 37 Twitter posts, 10 Facebook posts and 3 LinkedIn posts, in addition to other posts and retweets from other participants and partners.

After the event, the #ORIONFinalConf and posts in all ORION's social media accounts (Twitter, Facebook and LinkedIn) were continuously used in order to wrap up the final conference and share additional interesting content that was mentioned during the event.

## Post communication activities

As the event was held online, participants were given a [virtual goodie bag](#) containing a selection of the ORION project activities, for example inspiring stories, training materials, MOOC, co-creation menu, games, fact sheets and much more.





To sum up the conference and to further disseminate its content an article on the event: [“Top down and bottom up: Highlights from the ORION Open Science virtual final conference”](#) was published on the ORION website and will be included in the final edition of the ORION newsletter. The article was also disseminated in the ORION social media channels.

## Evaluation and feedback

One of the difficulties of organising online open meetings is that one often do not know who of the registered participants that actually attended the event. Therefore, it is difficult to send out feedback questionnaires after the event. Hence, we used the mentimeter tool to capture direct feedback after all three workshops. Some lessons learned were: *“Open science is not a fashion, it is a culture change. It needs push and it will find resistance, as any other culture change”*, *“Importance of engagement”* and *“We need to professionalise Open Science.”*

## What are your take away messages/learning from today?



A lot of nice and useful work has been done !!	really interesting, lots of pilots, difference in approach across europe	Lots of good lessons that can be used in our projects going forward. Great to see that things are happening in OS/RR! :) Thanks!
Inclusion of PE and Citizen Science within RRI	it's possible to contact citizens and researchers through very good initiatives	open science is not a fashion, it is a culture change. It needs push and it will find resistance, as any other culture change.
A lot of nice and useful work has been done	To think about who from the generalPublic to engage when engaging - important to differentiate and target	Really interesting
Great to hear case studies and learnings	importance of engagement	Combining disciplines and knowledges projects go far beyond
Training si important	Dialogue is essential	Need for competent, trained staff. How to find them?
we are together on the way to open science, but feeling still a bit lost in these first steps	We need to professionalize ope science	



## Conclusions

Despite not being run face-to-face but online, the three final workshops were successful in attracting a good number of participants and were evaluated highly. The first event “Engaging the public in science through dialogue and co-creation” which was held on 25 June 2021 in conjunction with the “Future of SciComm” conference gathered 70 participants from all over Europe. The two final workshops, the “Final ORION Open Science virtual conference” on 27–28 September gathered more than 100 participants from Europe and beyond, each day.

The fact that the events were held online might have attracted more remote participants than if they had been run face-to-face. By going virtual it was also possible to invite high level speakers and policy officers which might not have been feasible, should the conference have been organised in Barcelona. The ORION final conferences provided an opportunity for sharing the experiences and knowledge gained during the project, but also highlighted the positive effect the project has had on cultural change and on implementing Open Science principles, methods and processes within partner organisations, other institutions and even countries. The final event also presented and discussed significant institutional, national and EU level changes that ensure the ORION legacy will be strong and enduring and that might help others **put open science into practice too.**

