

DELIVERABLE

D7.2: Dissemination and communication plan - v.2

Deliverable number	D7.2
Deliverable name	Dissemination and communication plan – v2
Work package	WP7
Lead partner	LiU
Contributing partners	UHAM
Deadline	30 November 2023
Dissemination level	Public
Date	29 November 2023



Funded by
the European Union

PROJECT INFORMATION

Project summary

Circular economy aims at reducing value loss and avoiding waste, by circulating materials or product parts before they become waste. Today, lack of support for sharing data in a secure, quality assured, and automated way is one of the main obstacles that industry actors point to when creating new circular value networks. Together with using different terminologies and not having explicit definitions of the concepts that appear in data, this makes it very difficult to create new ecosystems of actors in Europe today. This project will address the core challenges of making decentralized data and information understandable and usable for humans as well as machines. The project will leverage open standards for semantic data interoperability in establishing a shared vocabulary (ontology network) for data documentation, as well as a decentralized digital platform that enables collaboration in a secure and privacy-preserving manner.

The project addresses a number of open research problems, including the development of ontologies that need to model a wide range of different materials and products, not only providing vertical interoperability but also horizontal interoperability, for cross-industry value networks. As well as transdisciplinary research on methods to find, analyse and assess new circular value chain configurations opened up by considering resource, information, value and energy flows as an integral part of the same complex system. Three industry use cases, from radically different industry domains, act as drivers for the research and development activities, as well as test beds and demonstrators for the cross-industry applicability of the results. The developed solutions will allow for automation of planning, management, and execution of circular value networks, at a European scale, and beyond. The project thereby supports acceleration of the digital and green transitions, automating the discovery and formation of new collaborations in the circular economy.

Project start date and duration

1st of June 2022, 36 months

Project consortium

No	Partner	Abbreviation	Country
1	Linköping University	LiU	Sweden
2	Interuniversitair Micro-Electronica Centrum	IMEC	Belgium
3	Concular Ug Haftungsbeschränkt	CON	Germany
4	+Impakt Luxembourg Sarl	POS	Luxembourg
5	Circularise Bv	CIRC	The Netherlands
6	Universitaet Hamburg	UHAM	Germany
7	Circular.Fashion Ug (Haftungsbeschränkt)	FAS	Germany
8	Lindner Group Kg	LIN	Germany
9	Ragn-Sells Recycling Ab	RS	Sweden
10	Texon Italia Srl	TEXON	Italy
11	Rare Earths Industry Association	REIA	Belgium



Document reference

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0.1	13 November 2023	First draft	S. Stekovic	R. Keskisärkkä
0.2	14 November 2023	Second draft	R. Keskisärkkä	S. Stekovic
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0.4	26 November 2023	Fourth draft	S. Stekovic	
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Document approval

Version	Date	Name	Role in the project	Beneficiary
0.3	16 th of October 2023	Charis Lüdtke	Internal reviewer	UHAM
1.0	29 November 2023	Eva Blomqvist	PC	LIU

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LIST OF ABBREVIATIONS

CA	Consortium Agreement
CEN	European Committee for Standardization
EA	Ethical Advisor
EC	European Commission
EEAB	External Expert Advisory Board
GA	Grant Agreement
ISO	International Organization for Standardization
OA	Open Access
PC	Project Coordinator
PM	Project Manager
PO	Project Officer
RIA	Research and Innovation Action
SME	Small and Medium-sized Enterprise
W3C	World Wide Web Consortium
WP	Work Package

1. Summary

The Onto-DESIDE project is a Research and Innovation Action (RIA) under the Horizon Europe programme, Cluster 4 Digital, Industry and Space, from the European Health and Digital Executive Agency. The main goal of the project is to support circular economy by developing a technology for allowing secure decentralized data sharing about materials and products at a global scale, i.e. by developing a shared vocabulary, an open circularity platform and methods to analyse and assess new circular value chain configurations validated by 3 industrial use cases. The project is divided into eight work packages (WP):

- WP1: Project coordination
- WP2: Requirements, integration and standardisation
- WP3: Ontology modelling
- WP4: Ontology-based data sharing platform
- WP5: Multi flow circular value network design & development method
- WP6: Industry use cases
- WP7: Communication, dissemination, training and exploitation
- WP8: Ethics requirements

WP7, Communication, dissemination, training and exploitation, is led by LiU with the aims to (i) establish communication channels and increase the awareness of the project, (ii) disseminate the project in various events, congresses, conferences, workshops, seminars etc., (iii) publish the project outcomes in high impact conferences and journals, (iv) define and update the data management plan, (v) design, create and deliver an online training package as a set of Onto-DESIDE e-learning modules and (vi) define and update the exploitation plan including IP and innovation. WP7 consists of four tasks; related to communication (Task 7.1), dissemination (Task 7.2), training (Task 7.3) and exploitation (Task 7.4). The communication and dissemination tasks are led by LiU while training is led by UHAM and exploitation by RS.

The first version of this deliverable (D7.1) was developed in M6 and included the initial dissemination and communication plans. The purpose of this second version of the deliverable (D7.2) is to report and detail the communication and dissemination activities planned, revised, and completed at M18, as well as to outline the activities to be carried out by M36.

The dissemination and communication plans, and tools, are updated in this deliverable. In addition, the accomplished activities are presented. The project communication tools have been set up and shared (for example the flyer in Appendix A). The project results have been published and presented at different events, which is reported in Appendix B.

At the end of the project, at M36, a final version of this deliverable (D7.3) will be submitted, focusing on summarising the achievements.

2. Introduction

This deliverable outlines the accomplished dissemination and communication activities for the first period of the project (M1–M18) and updates the dissemination and communication plans for the second reporting period (M19–M36). Beyond the listed accomplished activities, it also describes the development process of the dissemination and communication approaches, and highlights plans beyond the project's end.

D7.2 is still a living document that will be continually updated during the project meetings. D7.2 will be followed by D7.3 at M36, which will report on all dissemination and communication activities and results at M36.

2.1 Dissemination

At the beginning of the project, a detailed dissemination plan and targeted materials to be used in dissemination activities were defined and presented in D7.1. This plan has been maintained during the project and updated regularly during the project meetings. The plan describes when and what actions the consortium undertakes to disseminate the knowledge and findings externally and internally. It also describes to whom the dissemination is directed and how it is transmitted. The achievements regarding dissemination of the results by each partner have been reviewed and updated regularly. The D7.2 updated dissemination and communication plan has two aims: 1) to report the accomplished dissemination activities between M1–M18 and 2) to detail the dissemination plan for the 2nd period M19–M36.

2.2. Communication

The communication strategy still covers both internal and external communication. The internal communication strategy objectives focus on keeping the partners well informed about the actual status and activities of the project and to effectively communicate within the project. The external communication strategy objectives focus on effectively communicating with the stakeholders and wider audiences outside the project. More information can be found in D7.1.

3. Dissemination plan

3.1 Dissemination strategy, aims and target groups

The project's dissemination strategy has been divided into two levels focusing on internal and external dissemination activities. The internal dissemination enables effective exchange of knowledge and technology between the project partners. The external dissemination focuses on informing and raising awareness about the project results outside the consortium to the scientific community, organisations and industries. The goal has also been to involve the relevant stakeholders and authorities to stimulate discussion about the results. The dissemination activities targeted different stakeholders and therefore the consortium has been using several channels for the dissemination depending on the targeted groups. Table 1 in D7.1 summarised the key stakeholder categories and their relevance. The dissemination strategy remains the same.

3.2 Main dissemination material and channels

The consortium has used several channels and materials for the dissemination as presented in Table 2 in D7.1. An updated version including the accomplished activities is provided in Table 1 below.

Table 1: Update of the dissemination material and channels

No.	What?	What for?	When?	Who?
1	Project logo and templates	Visual identity of the project	Finalised, presented in D7.1.	LiU and RS
2	Project website	Source of information about the project objectives, contact information, public deliverables, updates, news, events organised	https://ontodeside.eu/ Continuously updated with content	LiU
3	Project leaflets/flyer	To briefly inform about the project and its results	20 initial flyers printed (Appendix A), to be updated with project results at M20	LiU
4	Project poster (template)	To briefly inform about the project and its result, used in the partner institutions and in external events	Partners have produced separate posters for different events, starting from a common template	LiU, All
5	Project presentation	To inform about the project and its results at conferences and other events	Initial presentation delivered at M3, to be updated at M20	LiU
7	Project publications	To disseminate key results to the scientific community	See Appendix B for update	All partners
9	Project news and press releases	To inform about the project progress and upcoming events, promotion of the project	News items on the project website (https://ontodeside.eu/) continuously	All partners
10	Social media (X (ex-Twitter) and LinkedIn)	Information about the project activities, publications, conferences, public deliverables, news, events, etc.	X and LinkedIn accounts created and regularly updated.	All partners

3.3 Internal dissemination

Dissemination between the project partners has been conducted by different methods that include workshops, face-to-face meetings, emails, reports, video and conference calls as defined in Table 3 in D7.1. These interactions are being performed both on a defined and ad-hoc basis depending on the nature of the communication.

Different mailing lists have been set up and used in the project communication as shown below:

General project

- newsletter@ontodeside.eu - list used for external communication
- assembly@ontodeside.eu - list containing the official representatives from each partner to communicate GA meetings & decisions
- advisory@ontodeside.eu - list containing our EEAB and EA
- admin@ontodeside.eu - all administrative and financial contacts of all partners, to communicate about reporting etc.
- all-consortia@ontodeside.eu - list containing all people affiliated with the project, including advisory board etc.
- info@ontodeside.eu - the official contact e-mail

In addition, there are also mailing lists for each of the work-packages:

- WP1: wp1@ontodeside.eu
- WP2: wp2@ontodeside.eu
- WP3: wp3@ontodeside.eu
- WP4: wp4@ontodeside.eu
- WP5: wp5@ontodeside.eu
- WP6: wp6@ontodeside.eu
- WP7: wp7@ontodeside.eu

The project manager (PM) has been updating the lists with the partners' help and they have been shared by email and on the server. In addition to the mailing lists, a contact list is regularly updated and shared on NextCloud. The contact list is not openly available due to GDPR regulations.

Consortium meetings have been held more frequently than initially planned, adding online meetings between the face-to-face meetings. These were strategically planned to occur after major deliverables, in order to disseminate the results to the project partners. General assembly meetings are held together with the consortium meetings. The members of the EEAB and EA have attended these meetings online and face-to-face. Agendas and minutes for all meetings are produced as planned and shared via e-mail and on the server.

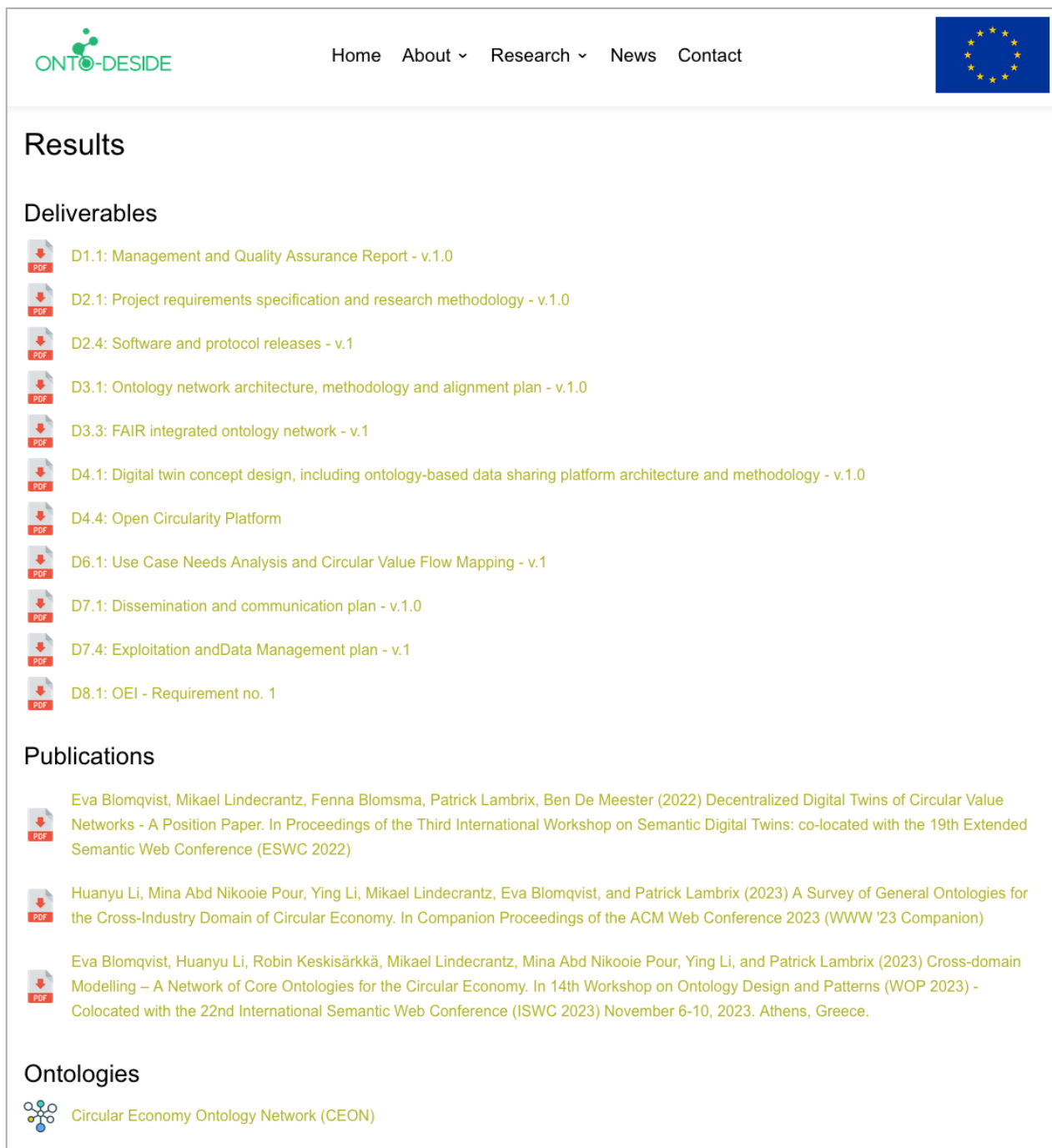
Monthly meetings between the WP leaders are set up to review the progress of each WP, and to decide on next steps for the coming month. The objective of the meetings are described in detail in D1.1 and 1.2. They are attended by the project coordinator, WP leaders and project manager. The agenda is prepared in advance and the minutes are shared on NextCloud.

3.4 External dissemination

External dissemination of the project results has been and will be carried out through the project website, publications in scientific journals and conference proceedings, conference presentations, organising and attending workshops and meetings, newsletters and postings, social media posts on LinkedIn (<https://www.linkedin.com/company/onto-deside/>) and X (<https://twitter.com/OntoDESIDE>). Updates of the activities are given below.












3.4.1 Project website

The public project website (<https://ontodeside.eu>) is one of the main dissemination tools in the project. It was set up at M2 and its initial content has been described in D7.1. Since its release, the website has been updated with new content related to open-access results and news. Figure 1 shows the status of the results page listing the open-access resources, while Figure 2 shows the news page.






Results

Deliverables

-  D1.1: Management and Quality Assurance Report - v.1.0
-  D2.1: Project requirements specification and research methodology - v.1.0
-  D2.4: Software and protocol releases - v.1
-  D3.1: Ontology network architecture, methodology and alignment plan - v.1.0
-  D3.3: FAIR integrated ontology network - v.1
-  D4.1: Digital twin concept design, including ontology-based data sharing platform architecture and methodology - v.1.0
-  D4.4: Open Circularity Platform
-  D6.1: Use Case Needs Analysis and Circular Value Flow Mapping - v.1
-  D7.1: Dissemination and communication plan - v.1.0
-  D7.4: Exploitation and Data Management plan - v.1
-  D8.1: OEI - Requirement no. 1

Publications

-  Eva Blomqvist, Mikael Lindecrantz, Fenna Blomsma, Patrick Lambrix, Ben De Meester (2022) Decentralized Digital Twins of Circular Value Networks - A Position Paper. In Proceedings of the Third International Workshop on Semantic Digital Twins: co-located with the 19th Extended Semantic Web Conference (ESWC 2022)
-  Huanyu Li, Mina Abd Nikooie Pour, Ying Li, Mikael Lindecrantz, Eva Blomqvist, and Patrick Lambrix (2023) A Survey of General Ontologies for the Cross-Industry Domain of Circular Economy. In Companion Proceedings of the ACM Web Conference 2023 (WWW '23 Companion)
-  Eva Blomqvist, Huanyu Li, Robin Keskisärkkä, Mikael Lindecrantz, Mina Abd Nikooie Pour, Ying Li, and Patrick Lambrix (2023) Cross-domain Modelling – A Network of Core Ontologies for the Circular Economy. In 14th Workshop on Ontology Design and Patterns (WOP 2023) - Colocated with the 22nd International Semantic Web Conference (ISWC 2023) November 6-10, 2023. Athens, Greece.

Ontologies


-  Circular Economy Ontology Network (CEON)

Figure 1: Page with open-access results from the Onto-DESIDE project website.

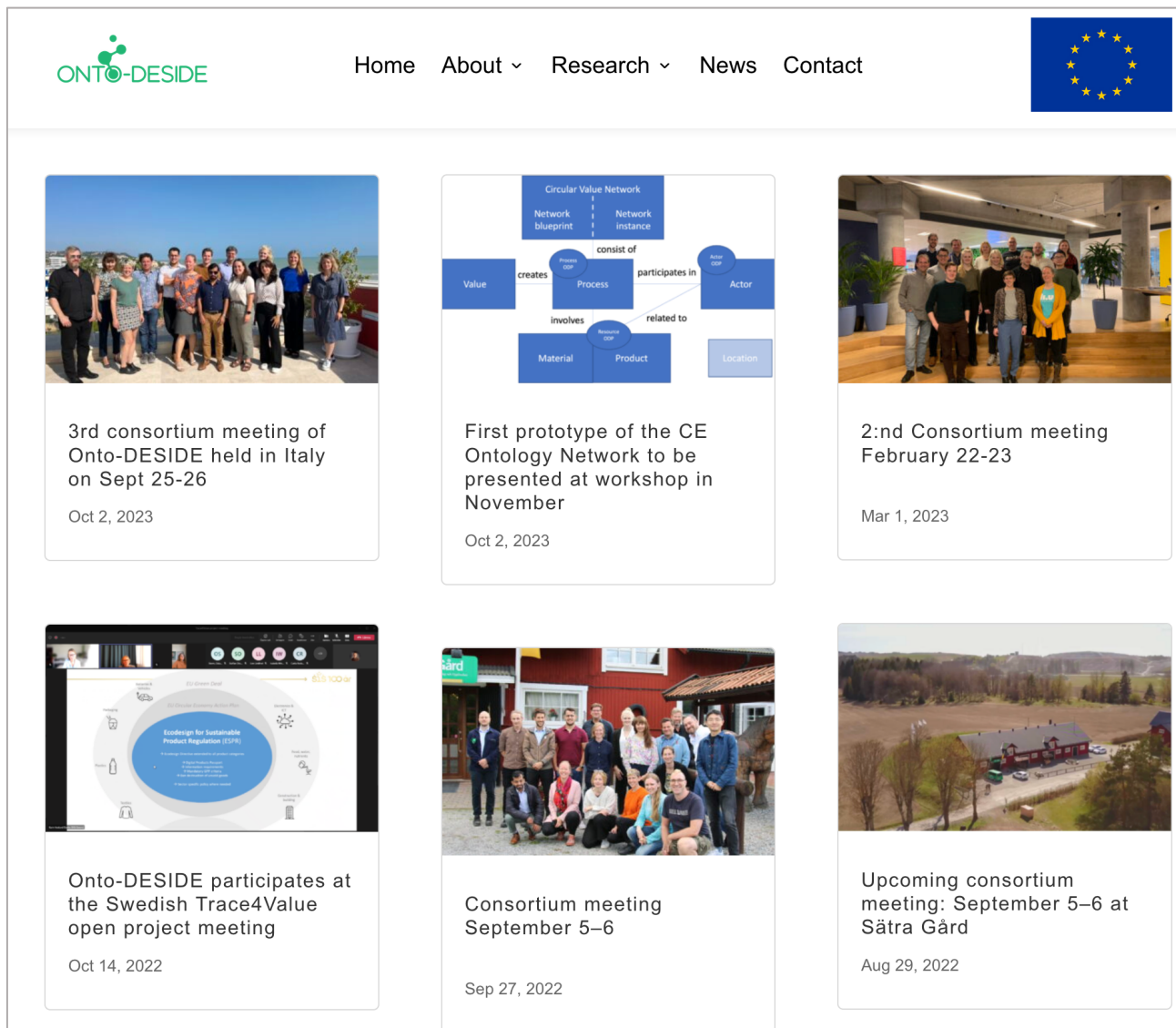


Figure 2: Page with news items from the Onto-DESIDE project website.

Traffic to the project website is tracked using an Open Source tool called Umami (<https://umami.is/>). The Onto-DESIDE website has had about 1300 visitors and 5 400 views since it was set up. Most visitors used the site for news and are coming via Google.

Onto-DESIDE

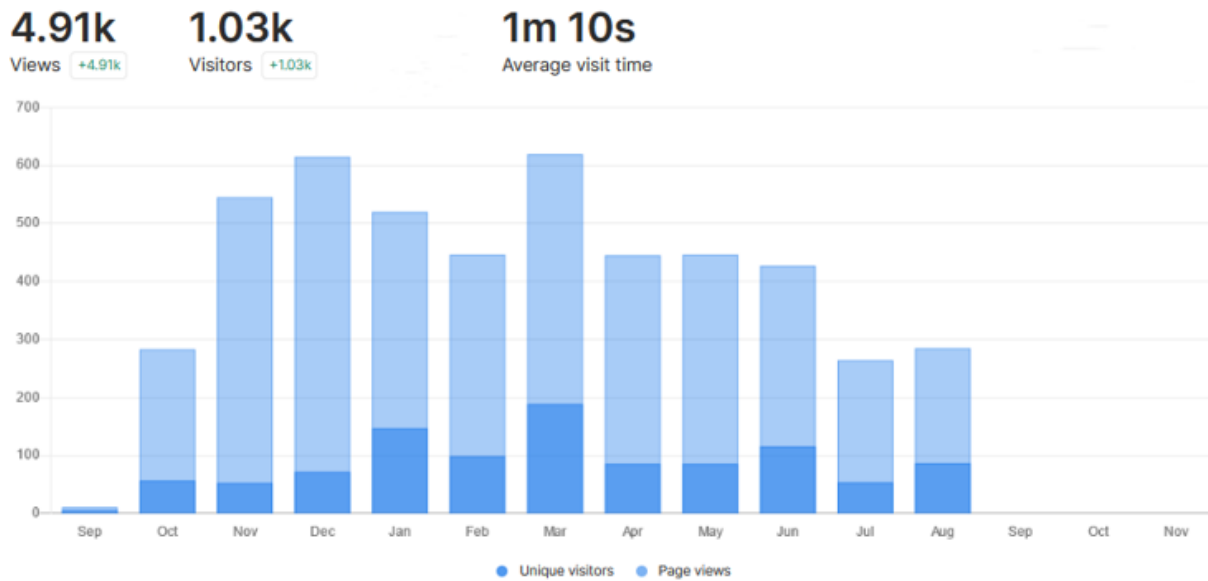


Figure 3: Screenshot showing visitors and views for Sept 2022 to mid Aug 2023 for ontodeside.eu

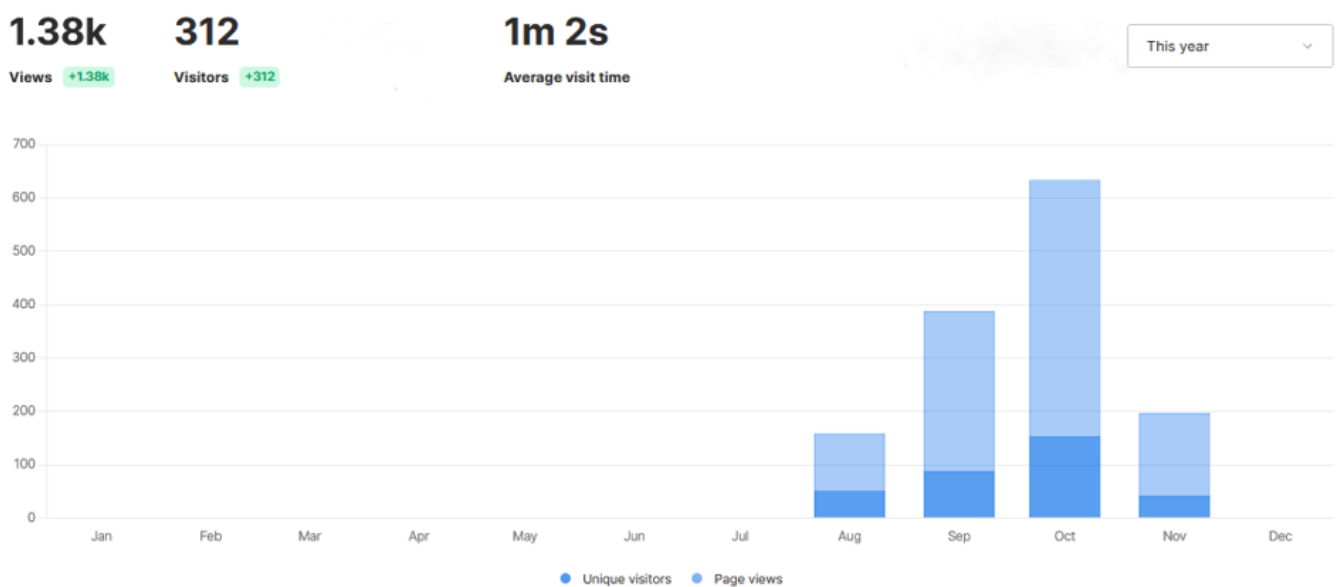


Figure 4: Screenshot showing visitors and views for Aug 2023 to mid Nov 2023 for ontodeside.eu

Most of the audiences are from Sweden, followed by Germany and the United States. Most of the website traffic comes from laptops and desktop computers, rather than handheld devices.

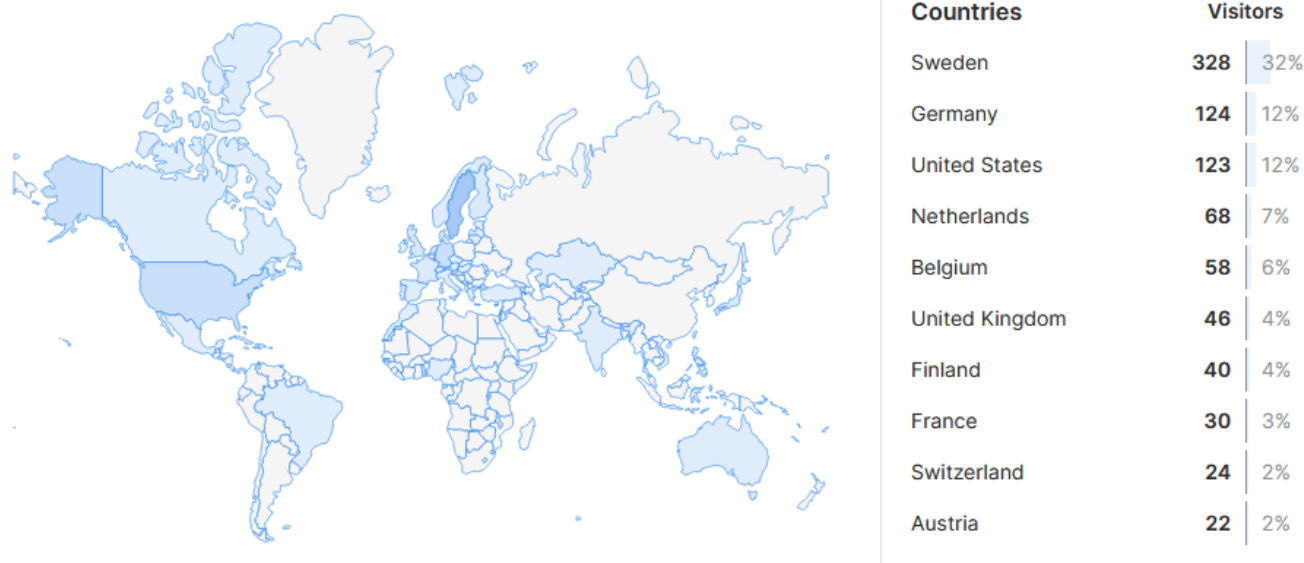


Figure 5: Screenshot showing top 10 visiting countries for ontodeside.eu

3.4.2 Publications and other postings

All important and relevant scientific results have been and will be published (when this is in line with the IPR strategies and when approved by the industrial partners) as Open Access in reputable international peer-reviewed journals or conferences within the respective research fields, as well as on the project website.

A table shared in NextCloud has been used for tracking dissemination in the form of scientific publishing, i.e., peer-reviewed papers. Appendix B lists the achieved publications and dissemination activities until M18.

3.4.3 Conferences

All presentations at conferences and similar events have been recorded in a table in NextCloud which has been updated at least every 6 months. See Appendix B for a list of presentations up to M18.

3.4.4 Workshops and other events

Within the framework of the project, one workshop targeted at researchers in the intersection of Semantic Web and circular economy was organised in the first year of the project. We aim to repeat this workshop again in the 2nd and 3rd years of the project in conjunction with one of the major conferences in the field (e.g. ISWC, ESWC or The Web Conference). Whenever relevant, additional workshops will be proposed at relevant conferences, jointly with other ongoing projects.

We will also offer end user training, such as conference tutorials, and an online training kick-off event (to present and introduce the project results, i.e., the ontology-based data sharing platform and the circular value network development method) and online training material in the form of digital workbooks and on-demand tutorials. However, training has its own task

in the project and will be detailed and reported in separate deliverables, hence it is not targeted here.

Other planned events such as hackathons and standardisation are described in D7.1. The project has not held hackathons yet. However, project partners are actively involved in standardization, and participate in the standardisation committees as outlined below:

1. Participation in the SIS/TK 616 - Circular Economy committee at the national level, Swedish Institute of Standards, SIS/TK 616.
2. Participation in the ISO/TC 323 - Circular economy committee at the international level, International Organization for Standardization, ISO/TC 323.
3. Participation in the CEN/TC 473 - Circular Economy committee at European level, the European Committee for Standardization, CEN/TC 473.

4. Communication plan

The communication plan was also divided into the internal and external communication as described in D7.1. The internal communication strategy aims at keeping all partners informed about the scientific, technical and financial status of the project. The external communication strategy aims at an effective communication with various stakeholders and a wider audience outside the project to reinforce research and innovation. Different target groups were identified in D7.1.

A clear visual reference to the EU has been maintained on all graphical materials, with the presence of the EU flag and the specific statement that the project is funded by the EU. On textual-only material, a specific acknowledgement phrase has been used. The visual identity of the project has been established by creating logo, branding and templates by RS as presented in D7.1.

4.1 Internal communication

Details about the internal communication plan and activities can be found in Table 8 in D7.1, as well as updates in D7.2. Internal communication tools include face-to-face project meetings, project reports, e-mail, phone, project file repository (see Figure 6 below), project website and video conference tools such as Teams, Zoom and similar. The project website has been also used for dissemination activities as described in previous sections.

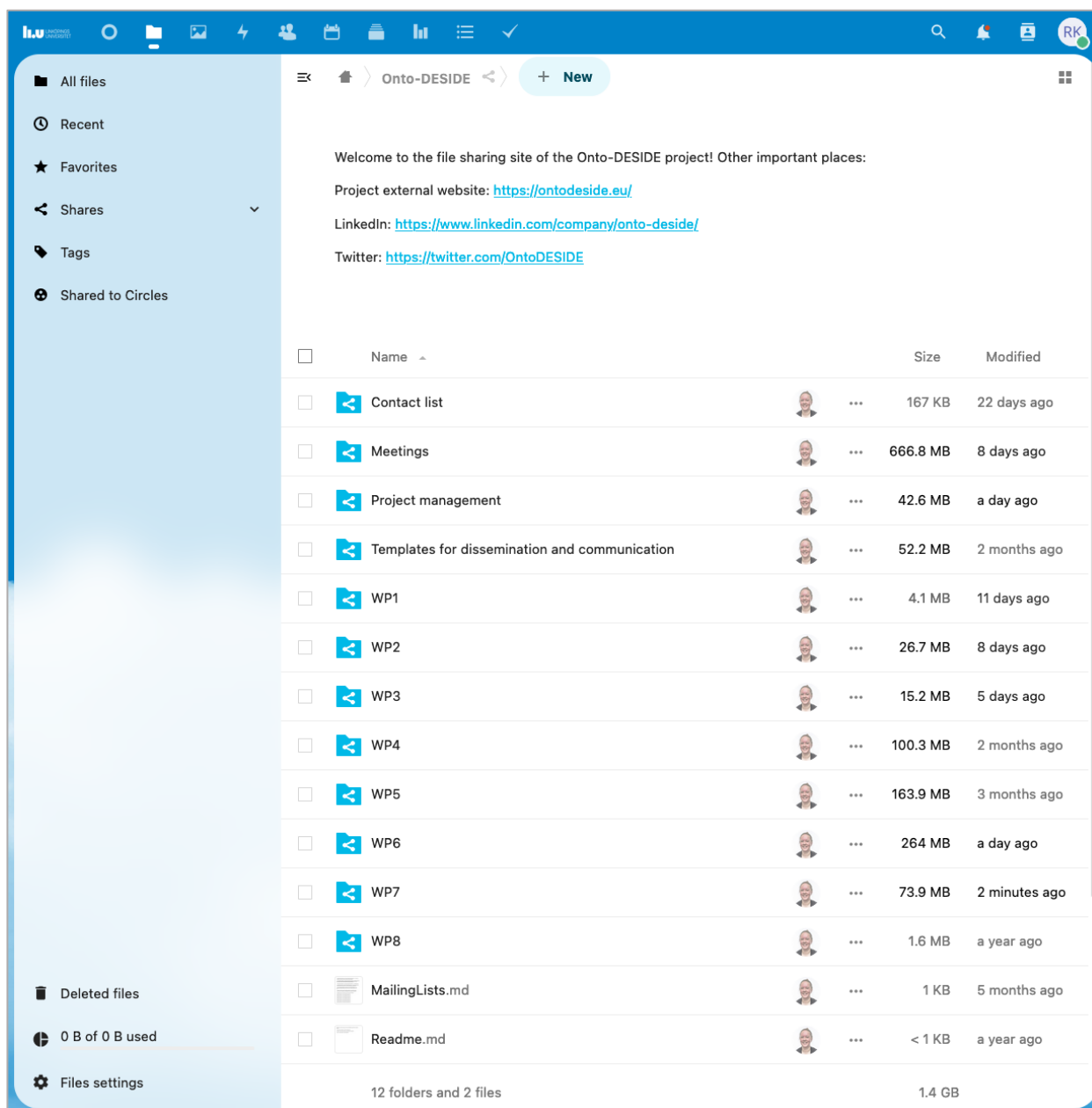


Figure 6: Onto-DESIDE project file repository (NextCloud).

Various project meetings have been planned in the project (see Table 7 in D7.1 for more information, as well as update in D7.2). In total, the project has held 1 kick-off meeting (consisting of two parts), three face-to-face consortium meetings including GA meetings, one online consortium meeting, 14 WP leader meetings, individual WP meetings, and bi-weekly internal meetings between the PC and PM. More details can be found in D1.2.

4.2 External communication

The target audiences for external communication included twelve potential ranges of audiences as shown in Table 9 in D7.1. The scientific community mentioned in Table 9 also includes relevant research projects, initiatives and organisations covering thematic interests related to Onto-DESIDE.

The website is one of the main tools for external communication about the project and is described under dissemination above. Social media accounts have been created at X (known as Twitter before July 2023) and LinkedIn. Posts on X are used to communicate project activities and results to the wider public. The project currently has 43 followers on X. The project has published 10 posts since the X page was set up. The goal is to publish much more in upcoming months. An example post is shown in Figure 7.

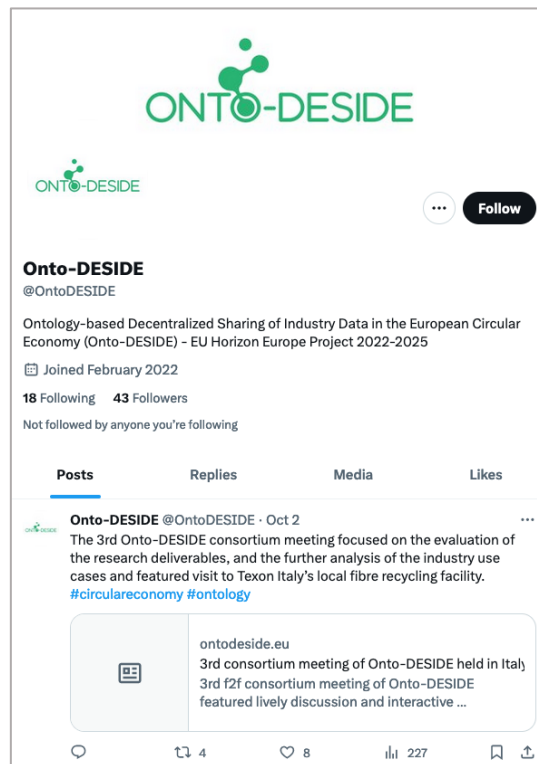


Figure 7: Onto-DESIDE on X.

The project also has its own LinkedIn page and currently has 60 followers. Postings on LinkedIn are used to communicate the project activities and results to research and industrial communities. The project has published 7 posts since the LinkedIn page was set up. The goal is to publish much more in upcoming months. The LinkedIn page is shown in Figure 8.

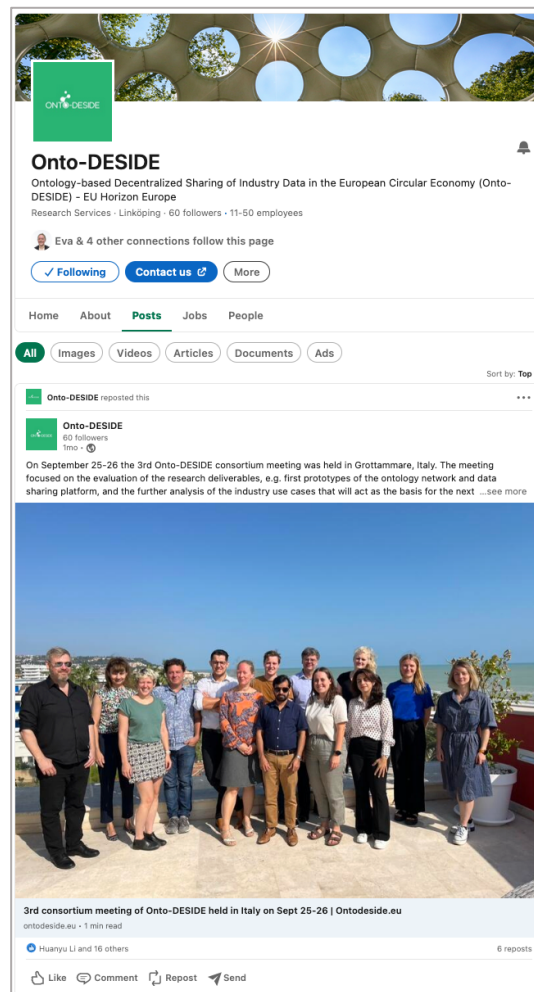


Figure 8: Onto-DESIDE on LinkedIn.

In total, 20 communication activities were performed towards different audiences (see Appendix B). REIA has published an article at <https://www.innovationnewsnetwork.com/strengthening-the-rare-earths-supply-chain-through-innovation/24904/> where they have described the project and their role. UHAM has done 10 research interviews with various audiences and stakeholders coming from different countries for D5.1. LiU & RS had an online bilateral meeting with the CircThread project to discuss relations between projects, identify collaboration opportunities, etc. and a networking session at the ESWC conference in Greece in 2022. UHAM had a meeting with TU Delft to present Onto-DESIDE and to explore possible research collaborations. LiU had meetings with TNO and TU Delft to coordinate ontology development and alignments between related projects led from TU Delft. RS held three presentations with discussions with Research Institutes of Sweden (RISE), ICC Sweden, Vinnova and DIGG about Onto-DESIDE, the current state of sustainability and circular solutions, what the project wants to achieve and how it fits into new circular value-chains, and how it relates to product passports. In addition, RS had an online meeting with the Trace4Value project that brings together partners from several industries to tackle the complex challenge of sustainable system transformation and the shift to climate-neutral and circular production with resource-efficient and resilient value chains. Most recently, LIU has initiated a collaboration with the CIRPASS project, regarding ontologies for Digital Product Passports, and their relation to Onto-DESIDE, which included two research visits from a researcher at the Wuppertal institute, active in CIRPASS, to LIU.


5. Conclusion

This is the 2nd version of the Dissemination and communication plan that was submitted at the start of the project as D7.1. This document provides an update of the performed dissemination and communication activities since the project start up to M18, as well as updates to the guidelines for continued dissemination and communication until the end of project at M36, where a 3rd version of this deliverable will be submitted.

This document will be updated as the project progresses and at various meetings. The key dissemination and communication results have been described briefly, and are further detailed in Appendix B, with additional details provided in a continuously updated spreadsheet in the project file repository.

Appendix A

Onto-DESIDE Project Flyer



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DATA SHARING FOR CIRCULAR ECONOMY

Project facts

Title: Ontology-Based Decentralized Sharing of Industry Data in the European Circular Economy

Call: HORIZON-CL4-2021-RESILIENCE-01-26

Type of action: RIA

Grant agreement: 101058682

Duration: 36 months


Start date: 1st of June 2022

Consortium

 LINKÖPING UNIVERSITY

 imec

 Concular

 IMPACT

 CIRCULARISE

 Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

 circular.fashion

 Lindner

 RAGN SELLS

 Texome
Italia s.p.a.

 REIA

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DEVELOPING TOOLS TO ALLOW DATA SHARING ABOUT MATERIALS AND PROCESSES AT A GLOBAL SCALE

The goals

- Shared vocabulary for data
- Open circularity platform
- Methods for assessment of circular value chains
- Validation with three distinct cross-border and cross-industry use cases
- Open data sharing



<https://ontodeside.eu/>

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Appendix B

Table 2: List of published scientific articles and papers since project start.

Title	Authors	Title of the journal or conference	Year	Publisher	Partner
A Survey of General Ontologies for the Cross-Industry Domain of Circular Economy	Huanyu Li, Mina Abd Nikooie Pour, Ying Li, Mikael Lindecrantz, Eva Blomqvist, Patrick Lambrix	WWW '23 Companion: Companion Proceedings of the ACM Web Conference 2023.	2023	ACM	LiU
Cross-domain Modelling – A Network of Core Ontologies for the Circular Economy	Eva Blomqvist, Huanyu Li, Robin Keskisärkkä, Mikael Lindecrantz, Mina Abd Nikooie Pour, Ying Li, and Patrick Lambrix	14th Workshop on Ontology Design and Patterns (WOP 2023) - Co-located with the 22nd International Semantic Web Conference (ISWC 2023) November 6-10, 2023. Athens, Greece.	2023	CEUR Workshop Proceedings	LiU
Decentralized Digital Twins of Circular Value Networks - A Position Paper	Eva Blomqvist, Mikael Lindecrantz, Fenna Blomsma, Patrick Lambrix, and Ben De Meester	Third International Workshop On Semantic Digital Twins (SeDiT 2022) Co-located with the 19th European Semantic Web Conference (ESWC 2022), Hersonissos, Greece - 29 May 2022	2022	CEUR Workshop Proceedings	LiU, UHAM, IMEC

Table 3: List of project presentations.

Conference	Title of the presentation	Date/place	Partner
The first international Workshop on Knowledge Graphs for Sustainability - KG4S @ The Web Conference, in Austin, Texas, April 30 - May 4, 2023	A Survey of General Ontologies for the Cross-Industry Domain of Circular Economy	May 2023, Austin, Texas	LiU
14th Workshop on Ontology Design and Patterns (WOP 2023) - Co-located with the 22nd International Semantic Web Conference (ISWC 2023) November 6-10, 2023. Athens, Greece.	Cross-domain Modelling – A Network of Core Ontologies for the Circular Economy	Nov 2023, Athens, Greece	LiU
Third International Workshop On Semantic Digital Twins (SeDiT 2022) Co-located with the 19th European Semantic Web Conference (ESWC 2022), Hersonissos, Greece - 29 May 2022.	Decentralized Digital Twins of Circular Value Networks - A Position Paper	May 2022, Hersonissos, Greece	IU, RS, UHAM, IMEC
FEMS Euromat 2023	Ontology-based Decentralised Data Sharing for Circularity	Sep 2023, Frankfurt, Germany & online	RS

Table 4: Other communication activities

Type of activity	Location	Date	Description	Partner
Project Networking session at ESWC2022	Heraklion, Greece	01/06/2022	Conference session (f2f meeting) for identifying interesting connections between research projects	LiU & RS
Bilateral meeting between Onto-DESIDE and CircThread project	Online	17/01/2023	Online meeting to discuss relations between projects, identify collaboration opportunities etc.	LiU & RS
Trace4Value open project meeting	Online	04/10/2022	The Trace4Value project brings together partners from several industries to tackle the complex challenge of sustainable system transformation and the shift to climate-neutral and circular production with resource-efficient and resilient value chains.	RS
Research Institutes of Sweden (RISE) workshop day	Bro, Stockholm, Sweden	12/12/2022	Full day of workshops and seminars on the current state of sustainability and circular solutions.	RS
Presentation of Onto-DESIDE for ICC Sweden	Online	16/01/2023	Presentation of the Onto-DESIDE project and what we want to achieve and how it fits into new circular value-chains.	RS
Presentation of Onto-DESIDE for Vinnova and DIGG	Online	22/09/2022	Presentation of the Onto-DESIDE project and what we want to achieve, how it fits into new circular value-chains and how it relates to product passports.	RS
A short article on Onto-DESIDE at Innovation News Network	Online	21/08/2022	A short article on a website that would be updated quarterly	REIA
WP5 Research Interview	Online	02/08/2023	Research interview (for D5.1) with academic from the field of sustainable energy systems. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
WP5 Research Interview	Online	02/09/2023	Research interview (for D5.1) with scholar from the field of global supply chain networks & energy use. Introduction to	UHAM

			Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	
WP5 Research Interview	Online	02/09/2023	Research interview (for D5.1) one of the leading Big History experts. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
WP5 Research Interview	Online	15/02/2023	Research interview (for D5.1) with academic expert on sustainable design. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
WP5 Research Interview	Online	15/02/2023	Research interview (for D5.1) with scholar on sustainable engineering & energy systems. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
Researcher MeetUp UHAM & University of Delft	TU Delft in Delft, Netherlands	23/02/2023	Meeting with TU Delft (particularly Chair of Industrial Design and Critical Materials) to present Onto-DESIDE and to explore possible research collaborations.	UHAM
WP5 Research Interview	Online	30/03/2023	Research interview (for D5.1) with academic expert on eco-industrial park design and collaboration in circular ecosystems. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
WP5 Research Interview	Online	04/03/2023	Research interview (for D5.1) with academic expert on circular business ecosystems. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM
WP5 Research Interview	Online	04/11/2023	Research interview (for D5.1) with academic expert on strategy development for circular ecosystems. Introduction to Onto-DESIDE and interview session (incl. interactive activity) on the work in WP5.	UHAM

Meetings with TNO and TU Delft	Online	Spring 2023	Series of meeting to coordinate ontology development and alignments between related projects led from TU Delft	LiU
WP5 Research Interview	Exeter, England	13/06/2023	Research interview (for D5.2) with academic expert from the Earth System Science community. Introduction to Onto-DESIDE and short interview session. The main purpose of this interview was to receive initial feedback on D5.1 outcomes from natural scientist and to find out additional contacts from this scientific community.	UHAM
WP5 Research Interview	Online	12/09/2023	Research interview (for D5.2) with academic expert from the Geography/Earth System Science community. Introduction to Onto-DESIDE and short interview session. The main purpose of this interview was to receive initial feedback on D5.1 outcomes from natural scientist and to find out additional contacts from this scientific community.	UHAM
WP3 Workshop	The Hague, Netherlands	23/02/2023	Workshop consisted of two parts: 1) "Whiteboard modelling" exercise with the goal of collecting the viewpoints of the consortium on the concepts and to identify any differences in viewpoints, terminology etc. 2) Feedback to requirements & concepts from D3.1 with the goal of improving and/or verifying the first set of ontological requirements related to the core concepts of a circular value network.	LIU
Research visit and collaboration	LiU	October 2023 + November 2023	Research stay of 1+1 week, by a researcher from the Wuppertal institute, involved in the CIRPASS project, at LIU. Discussing ontologies for Digital Product Passports, and their relation to Onto-DESIDE.	LIU