

ABSTRACT This deliverable reports on the dissemination activities carried out during the first fifteen months of the project following the procedure described in the “D5.3 - Dissemination and Communication Plan”.

Author
University of Zagreb,
Faculty of Geodesy

DELIVERABLE REPORT

WP5 – D5.4.1 - Dissemination Report



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857592-TODO

Delivery Title:	D5.4.1 - Dissemination Report
Delivery Number:	D5.4
Lead beneficiary:	Faculty of Geodesy (GEOD)
Type:	Report
Work Package Title:	Dissemination and outreach
Work Package Number:	WP5
Dissemination level:	Public
Due Date:	December 31, 2020

Revision History:			
Version	Date	Author (Partner)	Remarks
Draft v0.1	15/12/2020	Nikolina Žajdela Hrustek (FOI) and Ana Kuveždić Divjak (GEOD)	Document content outline and structure
Draft v0.2	22/12/2020	Nikolina Žajdela Hrustek (FOI)	Early draft
Draft v0.3	31/12/2020	GEOD, FER, FOI, LAW, TRANS, AGRI, UAEGEAN, TUDELFT	Partners inputs on their dissemination actions
Draft v0.4	05/01/2021	Ana Kuveždić Divjak (GEOD)	First draft
Draft v0.5	08/01/2021	Miroslav Vujić (TRANS)	Review
Draft v0.6	12/01/2021	Nikolina Žajdela Hrustek (FOI)	Chapter 4 update and internal review
Final v1.0	14/01/2021	Ana Kuveždić Divjak (GEOD)	Final version, updated after review

STAKEHOLDERS INCLUDED: University of Zagreb (UNIZG): Faculty of Geodesy (GEOD), Faculty of Electrical Engineering and Computing (FER), Faculty of Organisation and Informatics (FOI), Faculty of Transport and Traffic Sciences (TRANS), Faculty of Agriculture (AGRI); Delft University of Technology (TUDELFT); University of the Aegean (UAEGEAN)

INPUT DOCUMENTS: Grant Agreement, D5.3 - Dissemination and Communication Plan, D1.2. - Project and Quality Plan

OUTPUT DOCUMENTS/MATERIALS: Report

Approved by: Nikolina Žajdela Hrustek, WP5 Leader

Date of approval: 12/01/2021



No.	Short name	Participant organisation name	Country
1.	GEOD	University of Zagreb – Faculty of Geodesy	Croatia
2.	FER	University of Zagreb – Faculty of Electrical Engineering and Computing	Croatia
3.	FOI	University of Zagreb – Faculty of Organization and Informatics	Croatia
4.	LAW	University of Zagreb – Faculty of Law	Croatia
5.	TRANS	University of Zagreb – Faculty of Transport and Traffic Sciences	Croatia
6.	AGRI	University of Zagreb – Faculty of Agriculture	Croatia
7.	TUDELFT	Delft University of Technology	Netherlands
8.	UAEGEAN	University of the Aegean	Greece



Table of Contents

Executive Summary	4
1 Introduction	5
1.1 Overview	5
1.2 Dissemination, Communication and Exploitation strategy of TODO	6
1.2.1 Four phases of TODO dissemination, communication and exploitation strategy..	6
1.2.2 TODO Dissemination and Communication Plan	7
1.3 Monitoring and Evaluation of TODO communication and dissemination activities....	15
2 TODO Communication and Dissemination channels, materials and activities (M1-M15).....	16
2.1. TODO Communication Package.....	16
2.2. TODO Website	18
2.3 TODO Social Networks Profiles	19
2.4 TODO e-Newsletter	24
2.5 Dissemination Activities organised by TODO Consortium.....	25
2.6 Dissemination Activities at National and International Level.....	28
2.7 Other Dissemination and Communication Activities	35
2.8 Disseminated TODO News Items	38
2.8 TODO Research, Professional and Scientific Publications.....	50
2.9 TODO Participation in Conferences.....	52
3 TODO Communication and Dissemination Activities (Status at M15 of the Project Implementation)	58
4 TODO Dissemination plan for the next period	68



Executive Summary

This document is the deliverable *D5.4.1 - Dissemination Report* of the Horizon2020 project TODO – Twinning Open Data Operational. TODO aims to leverage the interdisciplinary scientific excellence and innovation capacity of the University of Zagreb (UNIZG) in the field of open data to boost the supply and use of open government data in Croatia and beyond. Through the set of activities related to capacity building, collaboration and dissemination, TODO aims to contribute to a full understanding of the open data ecosystem by developing an interdisciplinary perspective and multi-domain research approach on the open data life cycle.

The purpose of this deliverable is to outline the dissemination activities of the TODO consortium carried out to raise awareness of the project and project results and to disseminate these results to different target groups by establishing and using multiple channels for communication and dissemination.

This deliverable reports on the work done during the first fifteen months of the project following the procedure described in the deliverable *D5.3 - Dissemination and Communication Plan*. Two more dissemination reports are foreseeable, at month 24 and month 36 of the project implementation.

1 Introduction

1.1 Overview

The establishment of dissemination and communication strategy and the respective procedures is primarily managed within *WP5 – Dissemination and Outreach*. As a leading partner in the WP5, FOI is responsible for the visibility and outreach of project through general promotion and communication.

The main aim of the WP5 is to extend UNIZG's strategic partnerships and to strengthen its visibility and reputation among the national and international research community, industry, policy-makers and the general public. More specific objectives include:

- To raise awareness of the project and the project results and to disseminate these results to different target groups by establishing and using multiple channels for communication and dissemination of the project outcomes and by organization of outreach workshop.
- To bring together all national stakeholders of the Croatian open data ecosystems, including decision makers, public servants, businesses, researchers and citizens, and to initiate a dialogue between these stakeholders.
- To contribute directly to the Croatian open data ecosystem by an in-depth assessment of the status of open data in Croatia, and by integrating the views of different stakeholder groups as well as the results of the TODO project.
- To strengthen UNIZG's international profile and reputation in open data education and research through the organization of an international Open Data conference for open data researchers.

The primary objective of the communication and dissemination activities is the timely provision of appropriate and reliable information to all end users and target groups about the TODO project, as well as the expected achievement and project goals across all relevant stages of the project.

To plan, supervise, streamline and coordinate the dissemination activities of TODO, deliverable *D5.3 - Dissemination and Communication Plan* was created at M3 of the project implementation. The *Dissemination and Communication Plan* describes the dissemination and communication activities, target groups, dissemination and communication channels, responsible project partners, key messages and implementation period to promote the goals and outcomes of the project.

In order to periodically report to the European Commission about the concrete dissemination activities carried out, three more submissions relevant to "Dissemination Reports" were envisaged along with the project – at M12, M24, and M36.

Due to the situation with conferences, travels, site visits and staff exchanges caused by the COVID-19 pandemic and other delays, TODO consortium proposed to postpone first dissemination report from M12 to M15. Therefore, this first release (the current report) will include the results of the dissemination and communication plan performed during the first fifteen months of the project implementation.

1.2 Dissemination, Communication and Exploitation strategy of TODO

The aim of dissemination and communication strategy is to ensure the visibility and communication of the project actions and results facing the main target groups as well as towards all those stakeholders who can be positively impacted by the project results.

This report outlines only the main phases and activities of the communication and dissemination plan, focusing on the activities already performed. The detailed planned dissemination and communication strategy of TODO is delivered in *D5.3 - Dissemination and Communication Plan*.

1.2.1 Four phases of TODO dissemination, communication and exploitation strategy

The dissemination, communication and exploitation strategy of TODO is being implemented through four phases (Figure 1).

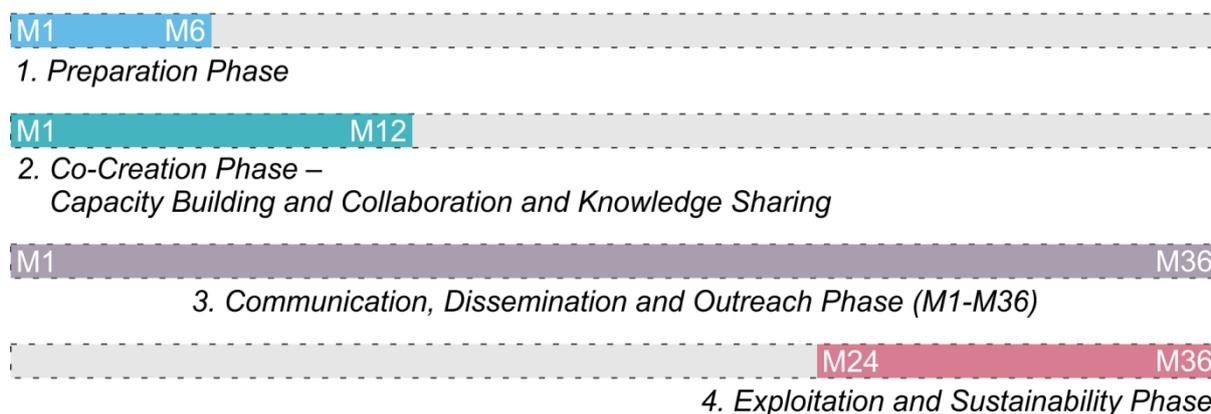


Figure 1: Four Phases of TODO Dissemination and Communication Strategy

The *Preparation Phase* was carried out during the M1-M6. All members of the project consortium started the dialogue with defined interest groups and key Croatian stakeholders, businesses and policymakers. Relevant national, European and global actors, their organisations and networks related to open data were identified.

The *Co-Creation Phase – Capacity Building and Collaboration and Knowledge Sharing* was implemented through the first year of the project (M1-M12). All TODO consortium members were working on capacity building and collaboration and knowledge sharing. This was conducted through:

- organization of online training program (during M9-M11 of the project implementation)
- summer school (at M12 of the project implementation)
- creation of TODO Open Science Collaboration Platform (at this stage of the project implementation (M5) it should be considered as an

intermediate, rather than a final collaboration environment since it will be improved and extended according to TODO project needs along with the project implementation and evolvement)

- research seminars (the first Research seminar was organised at M15; the second Research seminar foreseeable at M22-M24).

Due to circumstances unforeseen in the original planning, two remaining activities from the *Co-Creation Phase* are being implemented in the slightly changed setting:

- site visits
(due to the COVID-19 pandemic, it was not possible to realize the onsite visits in M10 and in M15, as originally planned. The site visits were moved from onsite physical visits to online meetings foreseeable at M16 and M18-M21)
- staff exchanges
(due to the COVID-19 pandemic, the first round of visits (ESRs and staff) is temporarily delayed and will be partially substituted by online meetings between UNIZG main and TUDELFT/UAEGEAN external supervisors, to establish the cooperation and co-mentoring framework for ESRs).

During the *Communication, Dissemination and Outreach Phase* planned for the whole project duration (M1-M36), the TODO project will continue with communicating and disseminated at regional, national and international level. This phase includes creating high level promotion and communication materials and communication tools, organising national and international conferences and workshop in the field of open data.

During the *Exploitation and Sustainability Phase* in the last year of the project implementation (M24-36), the focus of the project will be on maximising the long-term engagement with key interest groups and stakeholders, organisations and their networks in Croatia, Europe and beyond. The above is intended to be achieved through the establishment of a joint research agenda, encouraging joint project.

1.2.2 TODO Dissemination and Communication Plan

The following Table 1 gives an overview of the planned dissemination (and communication) actions outlined in the *D5.3 - Dissemination and Communication Plan*, together with the results achieved at M15 of the TODO project implementation. Target groups that TODO project is intended to reach and dissemination channels defined at the beginning of the project are presented in Figure 2.

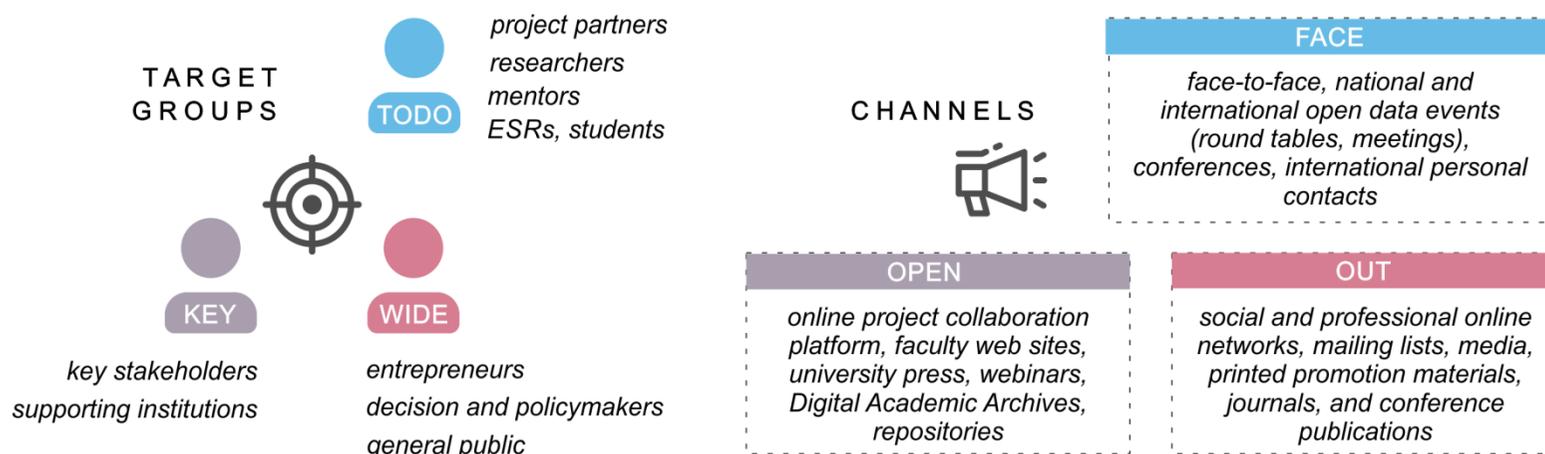


Figure 2. TODO Target groups and dissemination channels

Table 1. Dissemination and Communication – planned actions and achieved results at M15 of the project implementation

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
Create Website and Web 2.0 Channel	The project website and other web channels will be used for disseminating the project results and advertising the project activities online. The first prototype of the website was published in M1. The website is regularly updated. <i>D5.1 - Website and Web 2.0 Channels</i>	Dissemination FOI	TODO KEY WIDE	OPEN	Planned: M3 Achieved: M2 ✓ https://todo-project.eu/
Visual Identity and Associated User Manual	A visual identity was created at M3 including elements that will represent the project in a distinct and consistent way such as logos, colors,	Dissemination FOI	TODO KEY WIDE	OPEN	Planned: M3 Achieved: M3 ✓

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
	<p>templates, photos, etcetera). A user manual was created at M3 to support partners in applying the visual identity throughout their dissemination activities.</p> <p><i>D5.2 - Visual Identity and Associated User Manual</i></p>				<p>Available via TODO Project Management Online Platform:</p> <p>http://science.geof.unizg.hr/todo/course/view.php?id=5</p>
Establish formal faculty research groups in the form of Open Data Labs	<p>Promoting capacities dedicated to the open data research at each faculty of UNIZG. Aiming to recognizable and identifiable research groups and points of contact for networking and communication during the project and beyond.</p> <p>During the first year of the implementation of the TODO project, all UNIZG Partner institutions have established research units (labs, research groups) to serve as central and permanent places for engaging into interdisciplinary and multidomain research.</p> <p><i>D4.1 - Publication Plan and Research Groups</i></p>	Communication	TODO KEY	OPEN	<p>Planned: M1-M6</p> <p>Achieved: M12 ✓</p> <p>Available via webpages of TODO partners and on TODO Project Management Online Platform:</p> <p>http://science.geof.unizg.hr/todo/course/view.php?id=11#section-2</p>
Create Open science collaboration platform	<p>This platform will deliver the communication tools and collaboration environment towards the support of knowledge sharing. It is envisaged that this platform will be openly used by all stakeholders.</p> <p>A first version of Open Science Collaboration Platform is up and running (functional)</p>	Communication	TODO KEY WIDE	OPEN OUT	<p>Planned: M1-M36</p> <p>Achieved: M6 (first version) ✓</p> <p>http://science.geof.unizg.hr/todo-platform/</p> <p>At this stage (M15 of the Project implementation) access is</p>

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
	<p>supporting all required services. It will be further improved and extended during the project lifetime.</p> <p><i>D4.4 - Open Science Collaboration Platform</i></p>				available to registered members of the project consortium only and UNIZG researchers.
Online training program	<p>Include all the videos, presentations and designed exercises that will support the capacity building of UNIZG in the domain of open data.</p> <p>Online training program for the entire UNIZG (33 faculties) was organised from M9-M11. The training program itself consisted of three modules, each covering one month: (1) an introductory module in which research staff and ESRs were introduced into the basics of open data and the (components of the) open data ecosystem, combined with small exercises to assess the understanding of the material taught, (2) an advanced module of online lectures on covering in-depth the assessment of open data ecosystems, and the development of an open data ecosystem assessment framework, and (3) a module in which the developed assessment framework was applied to the open data ecosystem in Croatia.</p> <p><i>D2.1 - Learning Training Programme</i></p> <p><i>D2.2 - Online Training Material</i></p>	Dissemination TUDELFT + FER	TODO KEY WIDE	OPEN OUT	<p>Planned: M2-M6</p> <p>Achieved: M9 (Module 1) ✓ M10 (Module 2) ✓ M11 (Module 3) ✓</p> <p>Available via TODO – Online Collaboration Platform: http://science.geof.unizg.hr/todo-platform/course/view.php?id=2</p>

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
Organize online training course	Promoting and engaging a wider audience, in addition to project researches to participate in education on open data life cycle presented by expert partners (TU DELFT, UAEGEAN)	Communication	TODO KEY	OPEN	Planned: M30 Status: Pending
	Disseminate training material (web page of TODO project, e-mail to all stakeholders...)	Dissemination			
Organize summer school	Communicating an interdisciplinary research approach of summer school that will be used during project time. Summer school was held at M12 in online and hybrid mode. The five-day summer school covered and summarized the main concepts of open data, presented the life cycle of open data, and addressed the challenges associated with each phase of the life cycle. <i>D2.3 - Summer School Training Material</i>	Communication FOI	TODO KEY	FACE OPEN	Planned: M7– M9 Achieved: M12 ✓ Available via TODO – Online Collaboration Platform: http://science.geof.unizg.hr/todo-platform/course/view.php?id=3
	Disseminate training material (web page of TODO project, e-mail to all stakeholders...)	Dissemination FOI			
Site visits (I and II)	Transfer of knowledge and outcomes learned to external stakeholders as a basis for new network/ cooperation avenues after the visit.	Dissemination (TU DELFT)	TODO	FACE OPEN	Planned: M10 - M12 Due to the COVID-19 pandemic, it was not possible to realize the onsite visits in M10 and in M15, as originally planned. The site

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
					visits were moved from onsite physical visits to online meetings foreseeable at M16 and M18-M21.
Store and share research data in open repository	Promoting and providing examples of good practices of open science principles and open research data engaged during this project.	Dissemination	TODO	OPEN	Planned: M12 – M36 Status: Pending
Define research topics (Seminar I)	Engaging MSc students that will be jointly supervised by consortium partners. The first Research seminar was organised as a two-day online meeting at M15 on key topics that have been identified in the roadmap focusing on the collaboration among the partners and the Experts Advisory Board.	Dissemination TRANS	TODO KEY	FACE OPEN	Planned: M13-M15 Achieved: M15 ✓ https://todo-project.eu/en/news/first-research-seminar-successfully-held-online
	Communicating research topics to external key stakeholders with the aim of boosting open data use.	Communication			
Perform research of ESRs in a supportive environment	Strengthening and extending collaboration between project partners and key stakeholders to other domains. <i>D3.2.1 - ESRs Exchanges and Supervision Report</i> <i>D3.2.2 - ESRs Exchanges and Supervision Report</i>	Dissemination TUDELFT + FER	TODO KEY	FACE OPEN	Planned: M1-M36 Status: Partially achieved Due to the COVID-19 pandemic, the first round of visits (ESRs and staff) is temporarily delayed and will be partially substituted by online meetings between

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
					UNIZG main and TUDELFT/JAEGEAN external supervisors, to establish the cooperation and co-mentoring framework for ESRs.
Present research results (Seminar II)	Presenting research problems and results in scientific venues.	Dissemination	TODO KEY WIDE	FACE OPEN OUT	Planned: M22-24 Status: Pending
Organize National Open Data Conference	To maximize open data usage by promoting knowledge learn and best use cases. Rich other open data events in Croatia.	Dissemination	TODO KEY WIDE	FACE OPEN OUT	Planned: M19-M21 Status: Pending
Organize Open Data Life Cycle Workshop	To transfer lessons learned by consortium members to a wider audience. Demonstrating the capacity built during the first year of the project. Open Data Life Cycle Workshop was successfully held at M13. The agenda of the Workshop was focusing on the open data life cycle – the process and practices around handling data, starting from its creation, through the provision of open data to its use by various parties.	Dissemination (GEOD)	TODO KEY WIDE	FACE OPEN OUT	Planned: M12 Achieved: M13✓ https://todo-project.eu/en/news/open-data-life-cycle-workshop-successfully-held-online
Organize International Open Data Conference	Gathering open data researches in Croatia and extending network for future collaborations. Giving ESRs the opportunity to present their	Dissemination	TODO KEY WIDE	FACE OPEN OUT	Planned: M31-M33 Status: Pending

Action	Aim and achieved result of communication and dissemination	Activity / Lead Beneficiary	Target groups	Channels	Status Reference
	work to the international community.				
Joint publications and conference participation	To strengthen research connections with UNIZG researcher(s) and at least 1 from Delft & 1 from UAEGEAN and build up an interdisciplinary research network. Includes all the joint publications of the project in high-level journals and conferences. The expected output will be 15 joint peer-reviewed publications, 30 conference papers (2 papers per faculty UNIZG per year), 7 professional journals Croatia and 7 professional journals international.	Dissemination (ALL PARTNERS)	TODO KEY	OUT OPEN	Planned: M7-M36 Status: Partially achieved At this stage of project implementation (M15) 4 publications and 11 conference papers were prepared.
Create MOOC on best practices of using Open Data in Croatia	Enabling a wider audience to learn and participate in the open data ecosystem in Croatia and giving an example and guidance for the region.	Dissemination	KEY WIDE	OPEN OUT	Planned: M19-M30 Status: Pending
Publish guidelines for open data education/M30-M36	Building society capacities for suitability open data ecosystem through education.	Dissemination	TODO KEY	OPEN	Planned: M25-M36 Status: Pending
Formalize joint research agenda after	Gathering and involving more UNIZG faculties and external key stakeholders in future research.	Dissemination	TODO KEY	OPEN	Planned: M25-M36 Status: Pending



1.3 Monitoring and Evaluation of TODO communication and dissemination activities

In order to ensure the quality and timely distribution of TODO project information as well as to control the dissemination of the project results, a procedure for regulation of the publication of project information was prepared and outlined in *D1.2 - Project and Quality Plan* and *D5.3 - Dissemination and Communication Plan* (monitoring templates are provided in Annexes 1-4 of the document).

All partners are keeping track of all their publications and dissemination activities related to the TODO project. These publications and activities are being reported through the Dissemination reports. FOI, as leader of *WP5 – Dissemination and outreach* maintains the overall list of publications and dissemination activities and ensures that this list is well reflected on the designated page on the TODO website.

To ensure that all dissemination and communication activities have been properly logged, at M15 of the project implementation, a form that was filled by all partners was further refined, with dissemination and communication efforts segmented into general *dissemination and communication* and *publications* (available on the project Platform under > *Dashboard* > *Courses* > *Work Packages and Tasks* > *WP5* > *Dissemination TODO Partner report*). On one hand, this simplified tracking of all dissemination and communication activities, while on the other it streamlined the reporting of scientific papers to the EU Participant Portal and its results are reflected in the dedicated section below.

TODO scientific communication channels will be evaluated through a number of different indicators listed in *Annex 7, D5.3 - Dissemination and Communication Plan*.

2 TODO Communication and Dissemination channels, materials and activities (M1-M15)

The varieties of target groups demand the use of several channels to inform, communicate and engage stakeholders effectively. To reach this wide audience, TODO uses a mix of traditional and online communication channels. Online channels include the project website, social media, and e-newsletters, whereas the traditional channels cover paper presentations, press interviews, seminars, workshops and meetings, conferences, and other events. While some have one-directional (aimed at informing the target audiences) and others have a bi-directional scope (aimed at engaging key stakeholders in the project).

This section lists all TODO dissemination and communication channels, materials, and activities during the first fifteen months of the project implementation.

2.1. TODO Communication Package

As part of deliverable 5.2 - *Visual Identity and Associated User Manual*, the basic project communication materials were prepared at M3 of the project implementation and stored on the project Platform (under > *Dashboard* > *Courses* > *Steering Committee* > *TODO Commons (contracts, visual, templates ...)*).

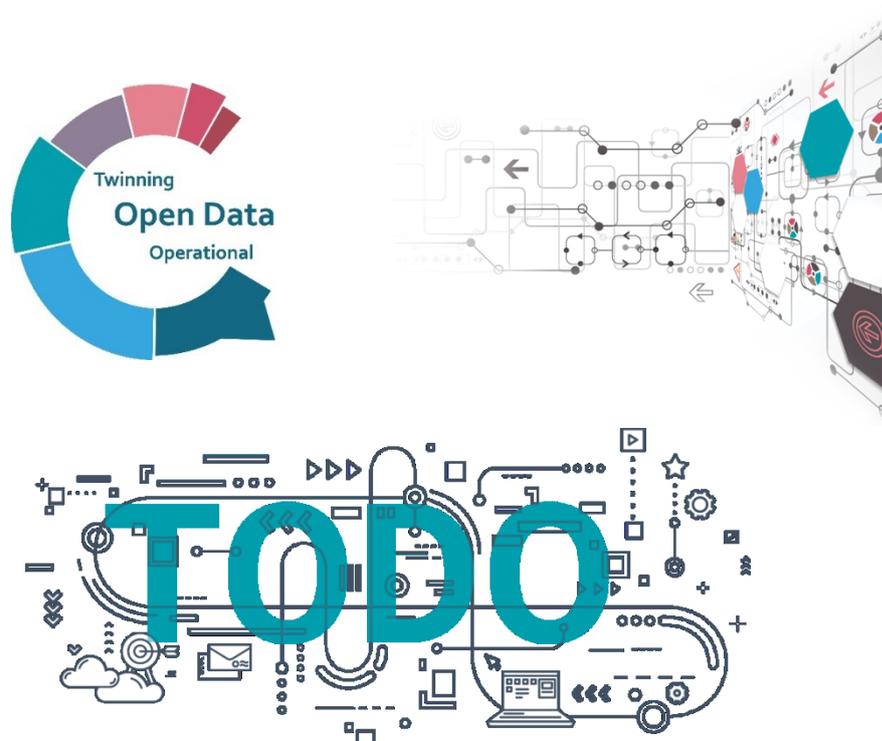


Figure 3. TODO logo (top left). The logo's seven colors are the primary colors of the project and are used in all other elements of visual identity. Two secondary photos (top right and bottom) are prepared and used when defining visual identity of the project. All team members can use these photos in their dissemination activities.



TODO communication package contains the project visual identity – logo and colors, templates (presentation template and deliverable report template), photos, and graphics (Figure 3). Visual identity is supplemented with a user manual to support TODO partners in applying the visual identity throughout their dissemination activities.

Furthermore, a project roll-up, flyer with essential project information (Figure 4), and official brochure have been created and used for promotion at 'project's own events, external conferences, and workshops.



Figure 4. TODO project poster (left) and TODO flyer (right)

2.2. TODO Website

The official TODO project website (<https://todo-project.eu>) is live from September 1 2019. FOI maintains the TODO website (Figure 5) and the updates are regularly done by inputs from all TODO partners.

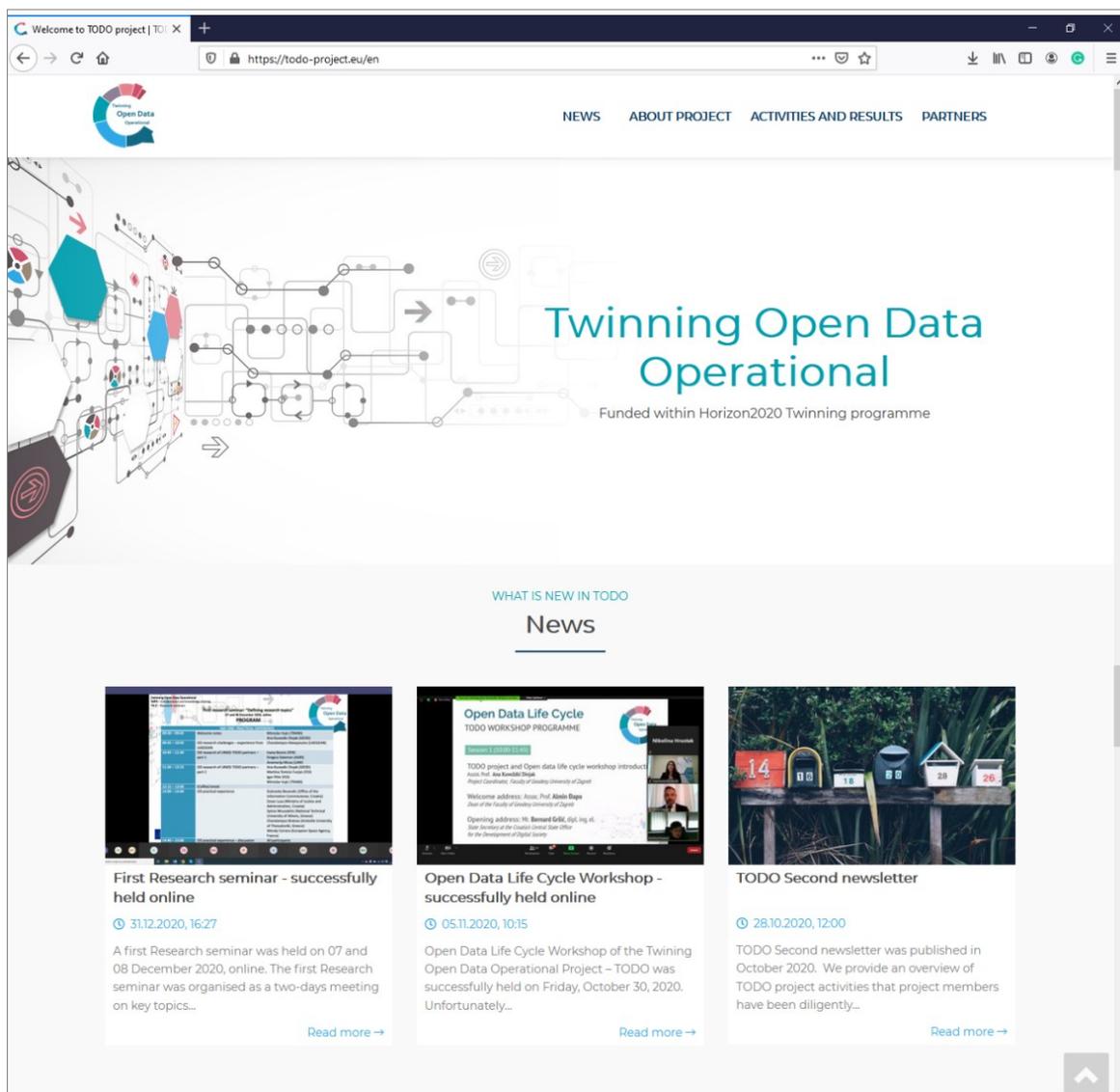


Figure 5. The TODO project website (<https://todo-project.eu>)

The TODO website is the central tool to disseminate and communicate all project results, and it fulfils two basic objectives:

- Communication: Offering information about what TODO project is and why it exists
- Support: Offering a media channel to give support and useful information to users.



The website offers the following information and services:

- Information about the project: TODO objectives, members, deliverables, downloads, etc.
- Website information: we describe TODO from a language that is closer to our target audience, giving them the advantages of participating in the project
- Information about TODO members
- Current information: information on project status, events, etc.
- Direct access to TODO electronic project newsletter
- Direct access to follow TODO through social networks
- The EU co-funding is duly acknowledged, also by the inclusion of the relevant logos (i.e. EU, H2020), and claiming that "This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement Number 857592 - TODO".

The homepage is divided into several sections:

- News
- About project
- Activities and Results
- Partners.

Additionally, the TODO website has been developed with the following features:

- Results based: Giving priority to the results, the emphasis is on information related to the achievement of the main and specific objectives of the project.
- Visually appealing: The website has been prepared both at the level of design and text (copy) for attracting stakeholders.
- Responsive design: The website can be viewed in optimum conditions from any device.
- Focused on the action: With just a few clicks, the user can obtain all relevant information about the project.
- Fully connected (with the ecosystem): Direct and visible accesses to the contact channels that are available for the project:
 - Direct and personalized: E-mail
 - Community: Facebook, Twitter, LinkedIn, ResearchGate, Academia.edu, Google+, Google groups, Slideshare.

In addition, to reach a great audience, links to the website of TODO are included in every partner's web page.

2.3 TODO Social Networks Profiles

Alongside the TODO website, other online channels have been used to actively promote TODO and disseminate information about the project.

Social networks are the way to:



- Build a community on the cause that TODO project seeks.
- Spread our all results, content, events, and activities (communication). Content that generates interest and we get positive reactions from the community (Likes, Shares, Comments, etc.).
- Identify users who can become promoters of the project.

The following social media profiles have been set up at the end of M2 and beginning of the M3 of the project implementation:

- The TODO Facebook page:
<https://www.facebook.com/TwinningOpenDataOperational/> and
[@TwinningOpenDataOperational](https://www.facebook.com/TwinningOpenDataOperational/)
- The TODO project Twitter account:
<https://twitter.com/ToDoProject>
- The TODO project LinkedIn account:
<https://www.linkedin.com/in/todo-euproject/>
- The TODO project ResearchGate account:
https://www.researchgate.net/profile/ToDo_Project
- The TODO project SlideShare account:
<https://www.slideshare.net/TODOproject1>
- The TODO project Academia.edu account:
<https://unizg.academia.edu/TODOTODO>
- The TODO project Google+ account:
ttodo323@gmail.com
- The TODO project Google groups account:
<https://groups.google.com/forum/?hl=en-GB#!forum/todo--twinning-open-data-operational>

TODO Facebook page (Figure 6) is focused on establishing direct communications with target audiences, other relevant groups, and as well as individuals interested in the field of open data. The TODO project Facebook page publishes all information about project activities and current and interesting information in the field of open data. Followers on the TODO project Facebook page were able to follow the activities during the Online training program, Summer school, Workshop, Research seminar, and other events organized by TODO team. In addition, the TODO Facebook page serves for wide communication with all interested groups and individuals.

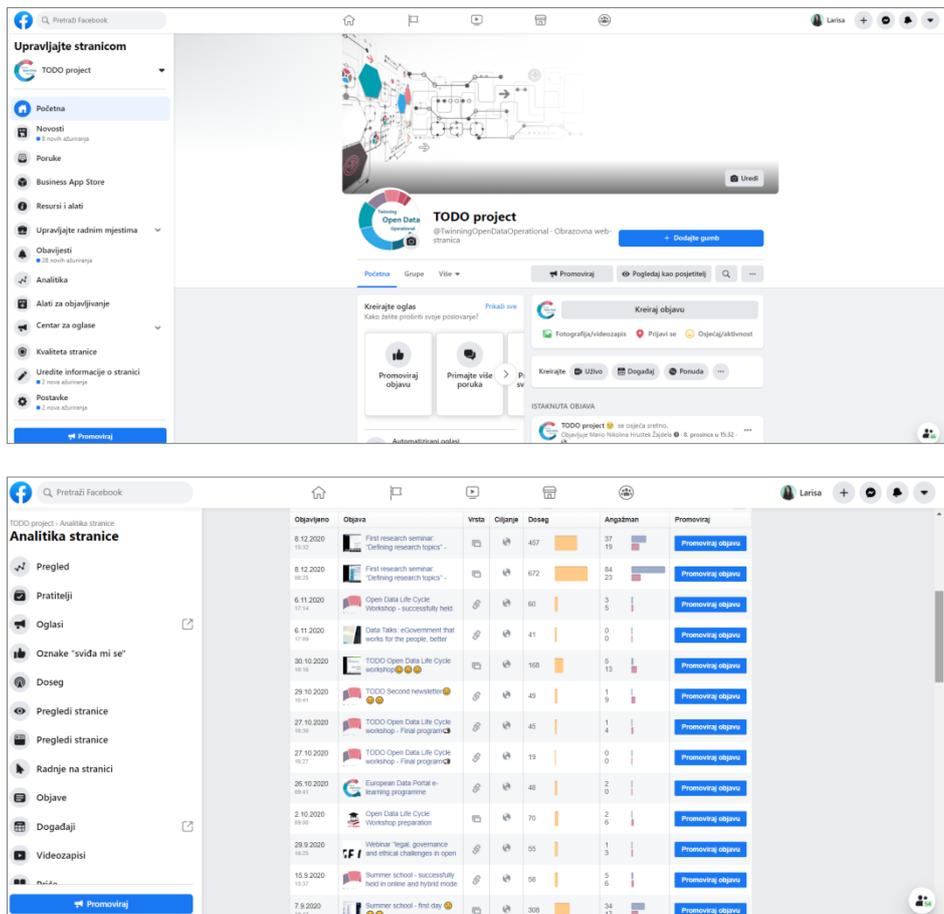


Figure 6. TODO Facebook page (top) and page analytics dashboard (bottom)

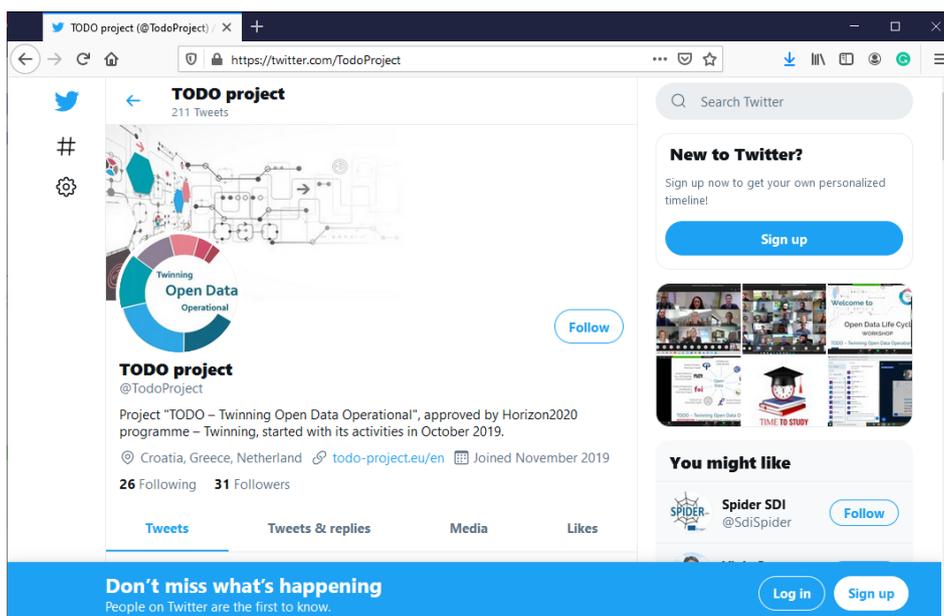


Figure 7. TODO Twitter profile

TODO Twitter account (Figure 7) is used for amplifying communications to a large community of active stakeholders, as well as for propagation of news and project activities. Regular twitter chats will focus on attracting and engaging with target audiences also leading to the establishment of a trusted TODO network, enlarging the outreach to broad and targeted audiences.

A profile *TODO Project* has been created on the Research Gate page. Within that, there is an additional project *Twinning Open Data Operational*, that enables cooperation and communication of all members on the project (Figure 8). Project members can share their work with other team members and interested audiences and link and reference their work to the project.

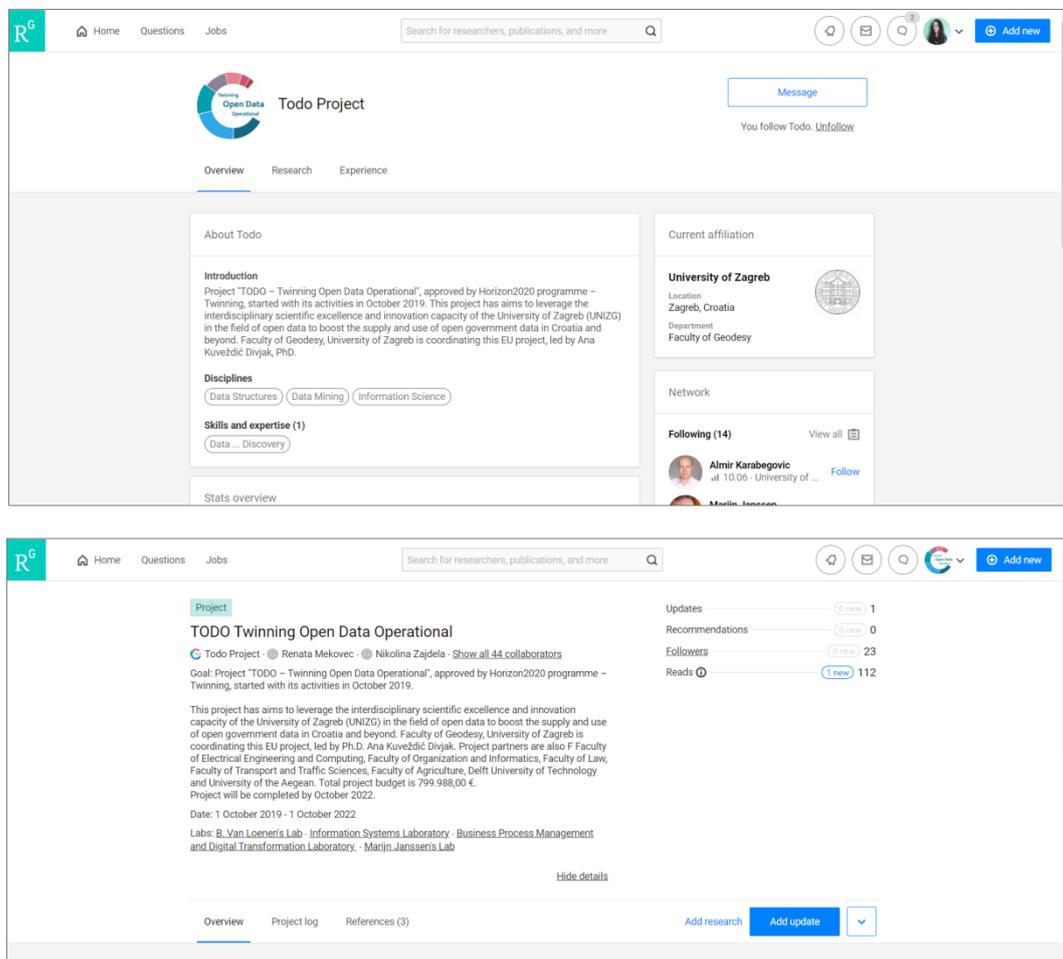


Figure 8. TODO Research Gate profile and TODO Research Gate reference of project (top) and TODO Research Gate reference of project (bottom)

TODO LinkedIn profile (Figure 9) is used for open communication with all stakeholders interested in the project and the open data ecosystem. Within the TODO project group, the activities, communication, and work of all project team members are enabled.

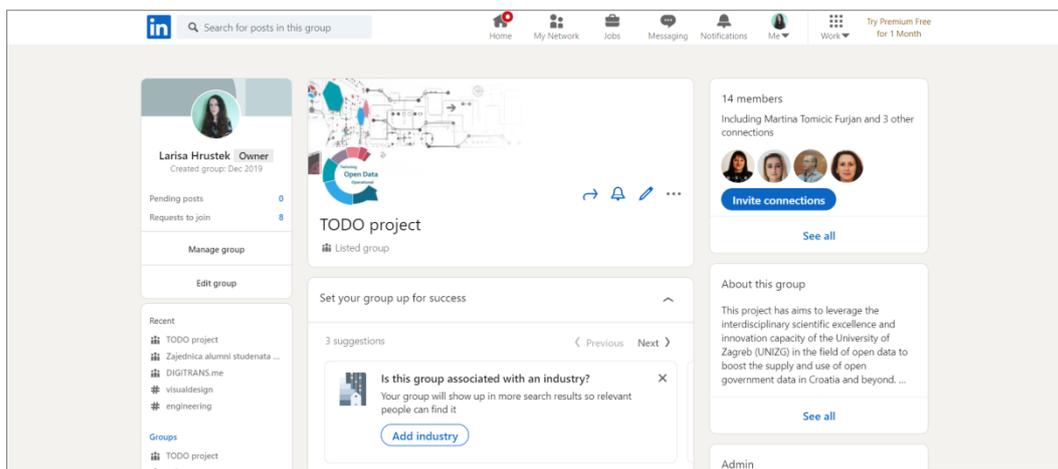
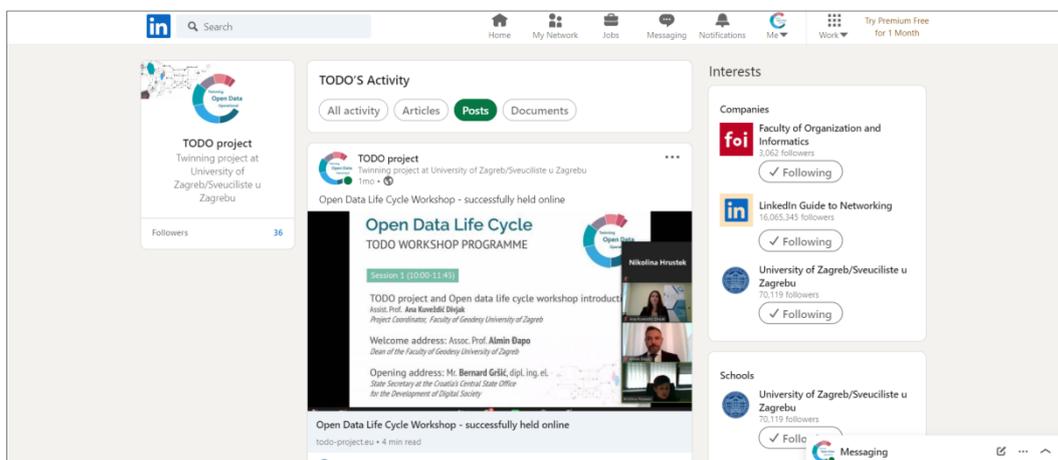
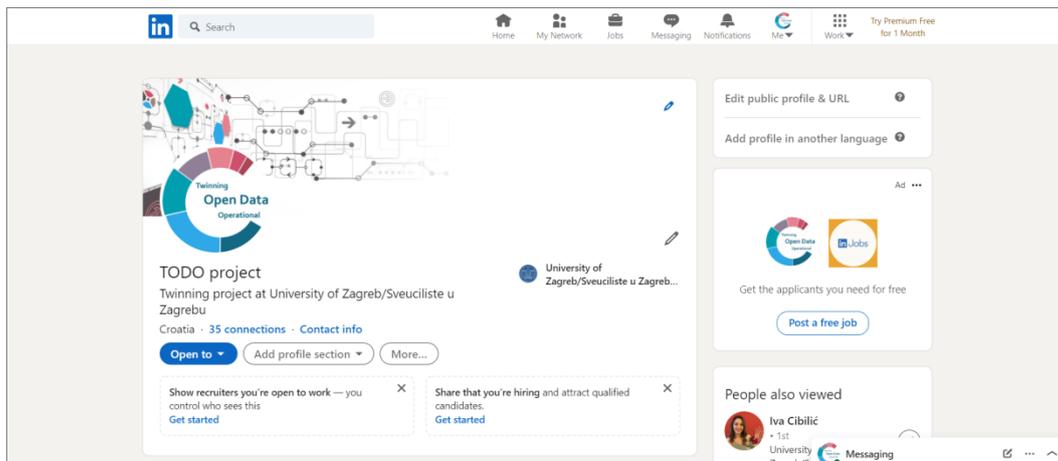


Figure 9. TODO LinkedIn profile (up), TODO LinkedIn posts (middle) and TODO LinkedIn group (bottom)

2.4 TODO e-Newsletter

At this stage of project implementation (M15) two TODO e-newsletters were issued – at M6 and M13. They are available on TODO website and are distributed to a total of 85 subscribers. Subscription to TODO e-newsletter is open to everyone, via the TODO webpage.

The TODO e-newsletter (Figure 10) provides project-related news, announcements of the 'project's progress, dates, details, comments regarding project-related conferences, meetings, seminars, workshops, and other events; project publications; lectures, talks, and trainings opportunities; etc.

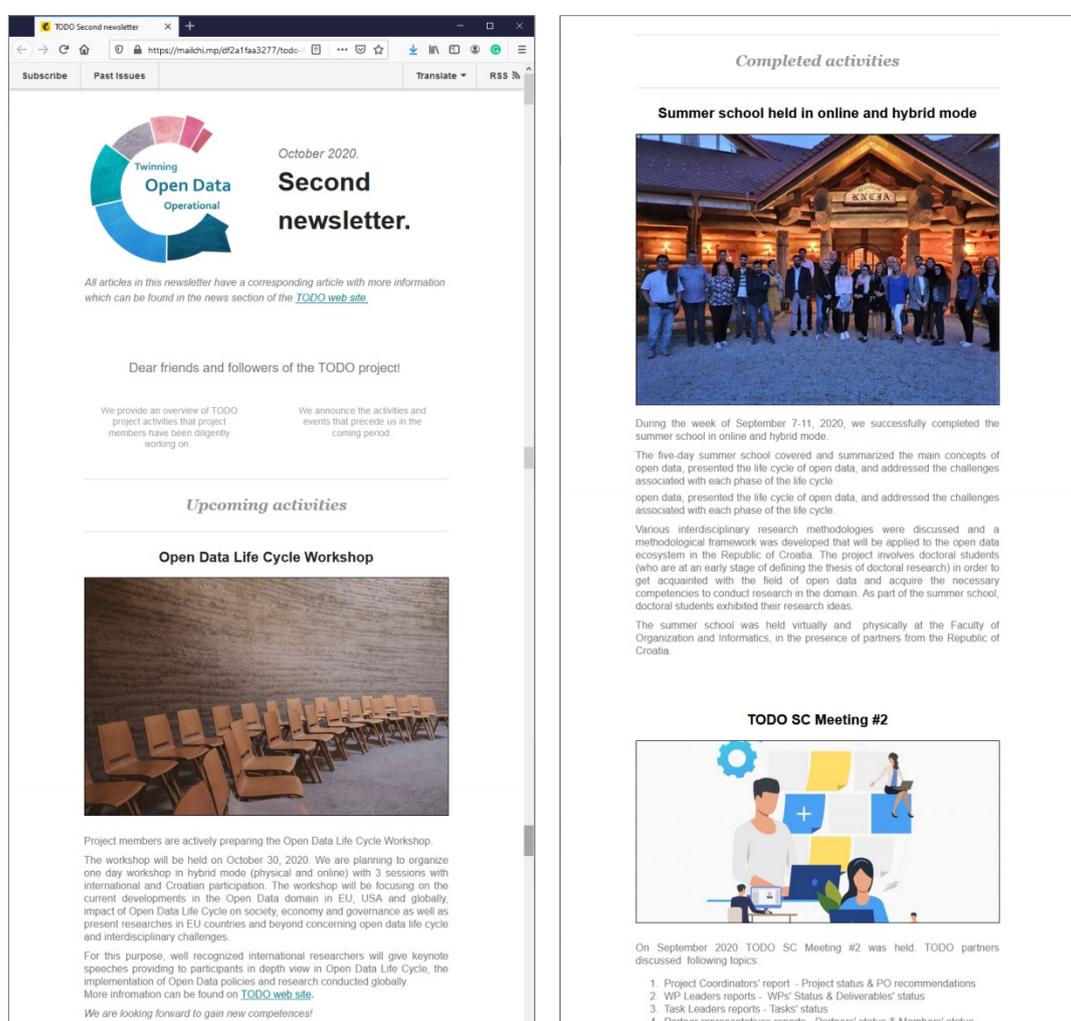


Figure 10. Extracts from the last TODO e-Newsletter (October 2020)

2.5 Dissemination Activities organised by TODO Consortium

This section outlines dissemination activities that were successfully organised by TODO consortium during the first fifteen months of the project implementation. The activities are listed in chronological order.

Type of activity	Kick-off meeting
Event	TODO Kick-off meeting
Place	Zagreb, Faculty of Geodesy, Kačićeva 26 (first day) and Zagreb, University of Zagreb, Trg Republike Hrvatske 14 (second day)
Date	November 7-8, 2019
Participants	TODO, KEY / 26 participants
Organizer	GEOD
Topics	Project structure and organization, Meeting ESRs, TODO – Project Presentation, TODO – Expert Perspective, Open Data in the City of Rijeka, Open Data and Open Research, Open Data Portals – Omega Software, Open Data in State Geodetic Administration, SPIDER OpenSDI Erasmus+ project
Resources	Final agenda with links to materials Attendance lists and photographs

Type of activity	Training Program
Event	TODO Online Training Program
Place	On-line
Date	June, July and August, 2020
Participants	TODO, KEY / 112 participants
Organizer	TUDELFT
Topics	The training program consists of three modules: I. Introduction into Open Data; II. Assessing Open Data, and III. Open Data in Croatia. The TODO project offers the TODO Modules material also as open and free online course that everyone may self-enrol to participate.
Resources	TODO Online Training Program TODO Online training Program – invitation TODO Online Training Program news (Module 1) TODO Online Training Program news (Module 2) TODO Online Training Program news (Module 3)



Type of activity	Summer school
Event	Summer School of the TODO project
Place	Hybrid (On-line and live)
Date	September 7-11, 2020
Participants	TODO and other interested participants / 36 participants
Organizer	FOI
Topics	<p>In the Summer school, the single disciplinary open data approaches on the open data life cycle have been shared and discussed in the context of the development of an initial interdisciplinary multi-domain research approach. The Summer school resulted in an agreed initial interdisciplinary multi-domain research approach.</p> <p>Topics: open data life cycle – the process and practices around handling data, starting from its creation, through the provision of open data to its use by various parties</p>
Resources	Summer school final program Summer school news

Type of activity	Workshop
Event	Open Data Life Cycle Workshop
Place	On-line
Date	October 30, 2020
Participants	TODO, KEY, WIDE / 88 participants from 10 countries
Organizer	GEOD
Topics	<p>The agenda of the Workshop focused on the open data life cycle – the process and practices around handling data, starting from its creation, through the provision of open data to its use by various parties.</p> <p>Topics: Open Data Ecosystem in Europe, Open Data in the Circular Economy, Open Data Reusers in the Picture, Open Data Strategies and Practices at National Level: Lessons from EU Member States, Open Data in Croatia, EU Data Portal, The Emergence of a Third Wave of Open Data.</p>
Resources	Agenda with links to the presentations Link to recording of the workshop Workshop news and description



Type of activity	Seminar
Event	First research seminar: "Defining research topics"
Place	Online
Date	December 7-8, 2020
Participants	TODO, KEY / 28 participants
Organizer	TRANS
Topics	<p>During the first day of the online seminar, members from the Aegean University (UAegean), as experienced TODO partners, presented their experiences in the field of open data within three projects (ENGAGE, SHARE-PSI 2.0 and ManyLaws). EAB members presented their experiences in open data based on completed and ongoing activities, and partners from the University of Zagreb presented research activities from the end of the Summer School until today. The second day of the research seminar focused on ESRs and their research progress. Through engaging presentations, young researchers presented the progress of their research work and explained the impact on the OD concept on their chosen research area. The presentations encouraged with open questions, comments, and suggestions. At the end of the presentations, short, closed-type discussions were organized between ESRs, their mentors, supervisors, and other interested participants.</p>
Resources	<p>Agenda with links to the presentations Seminar news and description</p>

2.6 Dissemination Activities at National and International Level

This section outlines the TODO Project's dissemination activities by TODO Consortium members at various events during the first fifteen months of the project implementation. The activities are listed by disseminating partners in the following order: GEOD, FER, FOI, LAW, TRANS, AGRI, TUDELFT and UAEGEAN.

Title of dissemination activity	TODO presented on Open Data Day Croatia 2020
Disseminating partner	GEOD
Event	5th Open Data Day Croatia
Description (short)	On the first day of Weekend Hackathon TODO project was presented to participants by coordinator Dražen Tutić from Faculty of Geodesy of the University of Zagreb. Presentation gave an emphasis on challenges and developments in open spatial data.
Link (if online)	https://odd.codeforcroatia.org/konferencija/
Date of activity	March 7, 2020
Target audience (number of attendants)	researchers, national stakeholders, decision and policymakers, general public (20 attendants)

Title of dissemination activity	TODO presented on the course Open Geoinformation, University undergraduate study of Geodesy and Geoinformatics, academic year 2020/2021
Disseminating partner	GEOD
Event	-
Description (short)	TODO project was presented to students as part of the lecture teaching about open data ecosystem.
Link (if online)	-
Date of activity	October 14, 2020
Target audience (number of attendants)	students (15 attendants)

Title of dissemination activity	TODO presented on Croatia's National Spatial Data Infrastructure conference
Disseminating partner	GEOD
Event	Croatia's National Spatial Data Infrastructure conference
Description (short)	Presentation title: Capacity Building on Open Spatial Data and Open Spatial Data Infrastructures at Universities. Main purpose of the presentation was to raise the awareness of importance of the

	academic capacity building as a key role in open data eco system. Presentation, without circumlocution, stressed out main outputs of the projects and its benefits to wider public, from public to private sector, explaining that the results of both projects will improve the quality of academic education and research in Croatia and beyond.
Link (if online)	https://www.nipp.hr/default.aspx?id=2981
Date of activity	November 13-14, 2019
Target audience (number of attendants)	Primarily directed to stakeholders in the field of geoinformatics (200 attendants)

Title of dissemination activity	TODO presented on Central European Conference on Information and Intelligent Systems (CECIIS)
Disseminating partner	FOI
Event	Central European Conference on Information and Intelligent Systems (CECIIS)
Description (short)	On the second day of CECIIS Conference project was presented to participants on the section PROJECT SECTION: DIFFERENT TOPICS AND EXPERIENCES – SAME GOAL.
Link (if online)	https://ceciis.foi.hr/2019/web/schedule.html
Date of activity	October 3, 2019
Target audience (number of attendants)	researchers, national stakeholders, decision and policymakers, general public (20 attendants)

Title of dissemination activity	TODO presented on the course Modelling and simulations; academic year 2020/2021
Disseminating partner	FOI
Event	-
Description (short)	TODO project was presented to students as part of the lecture on course Modelling and simulations.
Link (if online)	-
Date of activity	November 14, 2020
Target audience (number of attendants)	students (60 attendants)

Title of dissemination activity	TODO presented on the course Road telematics; academic year 2020/2021
Disseminating partner	TRANS

Event	Lectures
Description (short)	TODO project was presented to students as part of the lecture on course Road telematics, topic: The Architecture of Telematics Systems.
Link (if online)	-
Date of activity	December 11, 2020
Target audience (number of attendants)	students (56 attendants)

Title of dissemination activity	Conference / Workshop presentation 'Crisis and freedom of information: the public value of government open data in the context of the Covid-19 pandemic' (author: Anamarija Musa)
Disseminating partner	LAW
Event	IPSA RC10 and RC22 supported workshop: "Journalism and Artificial Intelligence", 25th Annual International Conference on Information Technology and Journalism: "Internet in the Era of Disinformation" 28-29 September 2020, Dubrovnik, Croatia (hybrid event)
Description (short)	A presentation of the paper 'Crisis and freedom of information: the public value of government open data in the context of the Covid-19 pandemic' was held at the workshop held within the framework of International Political Science Association supported conference. The open data aspect of the Covid-19 pandemic was analysed with the focus on the use of open data by journalists/media. A description of the TODO Project was included in the presentation. The paper is expected to be published in Media studies during 2021 (WoS, Scopus)
Link (if online)	http://www.edemokracija.hr/program-25thannual-international-conference-on-information-technology-and-journalism/
Date of activity	September 28, 2020
Target audience (number of attendants)	researchers, students, journalists (open data users), policy makers (60 attendants)

Title of dissemination activity	Conference / Workshop presentation Razvoj, implementacija i izazovi primjene europske regulacije na području otvorenih podataka / Development, transposition and challenges of implementation of the European Open Data Directive (author: Anamarija Musa)
Disseminating partner	LAW

Event	2020 Annual conference of the Information Commissioner and State School for Public Administration of Croatia, 25-26 November 2020, Zagreb, Croatia (hybrid event)
Description (short)	A presentation analysing the OD Directive was presented to the representatives of public authorities, researchers and general public (users) of open data. The current legal framework and possible amendments were discussed. A description of the TODO Project was included in the presentation.
Link (if online)	https://pristupinfo.hr/godisnje-savjetovanje-sluzbenika-za-informiranje/
Date of activity	November 25 2020
Target audience (number of attendants)	Stakeholders (civil servants in public authorities), researchers, general public (100 attendants)

Title of dissemination activity	Conference / Workshop presentation // synergy with other projects The EU Open data directive critically assessed (author: Anamarija Musa)
Disseminating partner	LAW (presentation) and TUDELFT (organizer)
Event	Webinar' Legal, governance and ethical challenges in open 'data' October 21 2020, Knowledge Centre Open Data, TU Delft, The Netherlands
Description (short)	A presentation of the research on OD Directive was held emphasizing the current challenges of transposition and implementation of the Directive. The webinar is performed as part of the Safeguarding Personal Data protection in an Open data World project that received the financial support of the Dutch NWO/STW-Maps4Society program (project number 13718).
Link (if online)	https://kcopendata.eu/2020/09/29/webinar-legal-governance-and-ethical-challenges-in-open-data/
Date of activity	October 20, 2020
Target audience (number of attendants)	Researchers (academic staff and PhD students) (35 attendants)

Title of dissemination activity	Conference / Workshop presentation Ekosustav otvorenih podataka i uloga otvorenih podataka u znanstvenom radu /Open data ecosystem and the role of open data in scientific research/ (Anamarija Musa)
Disseminating partner	LAW (presentation) and FOI (organizer)
Event	Faculty of Organisation and Informatics 22 nd PhD Workshop, December 11 2020, Varaždin, Croatia (online)

Description (short)	A lecture on the open data ecosystem and open data general features was presented to the PhD students of the FOI. The goal was to raise awareness and knowledge on open data and its usage in research. A description of the TODO Project was included in the presentation.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/najavljujemo-22-radionicu-za-doktorande
Date of activity	December 11, 2020
Target audience (number of attendants)	Researchers (academic staff and PhD students) (45 attendants)

Title of dissemination activity	Conference / Workshop presentation 'Open Data for Open 'Democracy'/Otvoreni podaci za otvorenu demokraciju/ Panel presentation on access to open data and public information (author: Anamarija Musa)
Disseminating partner	LAW (presentation)
Event	5 th Open Data Days 2020 / Dani otvorenih podataka, 6-7 March 2020., Gong & Code for Croatia
Description (short)	During the annual event on open data days a panel was held to discuss the availability of open data and public information. A description of the TODO Project was included in the presentation.
Link (if online)	https://odd.codeforcroatia.org/konferencija/
Date of activity	March 6, 2020
Target audience (number of attendants)	Stakeholders / public authorities, journalist, researchers, academia/ general public (90 attendants)

Title of dissemination activity	Conference / Workshop presentation Panel presentation on open data in Covid-19 pandemic (Anamarija Musa)
Disseminating partner	LAW (presentation)
Event	Open Government Partnership Digital Forum 'Open Response + Open Recovery', Webinar 'Keeping Information and Data Out of Lockdown', 6.5.2020. (online)
Description (short)	Analysis of the open data on Covid19 pandemic was presented in global forum on the availability of data in the context of pandemic.
Link (if online)	https://www.opengovpartnership.org/events/open-response-open-recovery-digital-forum/ https://www.youtube.com/watch?v=e-MiAa0e7aw&feature=youtu.be
Date of activity	May 6, 2020

Target audience (number of attendants)	Stakeholders (public authorities, journalist, researchers, academics, general public (130 attendants and 50 views)
---	--

Title of dissemination activity	Conference / Workshop presentation International Conference Innovations: Guarantee for Future of Agribusiness in Croatia (Dragica Šalamon)
Disseminating partner	AGRI (presentation)
Event	1 st International Conference Innovations: Guarantee for Future of Agribusiness in Croatia, 22.11.2019. (Zagreb)
Description (short)	Overview of open data in Croatia available for use in the sector of agriculture.
Link (if online)	https://haed.hr/wp-content/uploads/2020/09/Knjiga-sazetaka-2019-v2.pdf https://www.bib.irb.hr/1075603
Date of activity	November 22, 2019
Target audience (number of attendants)	Stakeholders from the agri-food sector (from producers to the final consumers, including scientists, consultants and government representatives): to raise awareness of the importance of innovation to achieve competitive, sustainable and inclusive agriculture and food industry.

Title of dissemination activity	Conference / Workshop presentation International Scientific-professional Conference Innovations: Guarantee for Future of Agribusiness in Croatia, Digital technology in agribusiness panel (Dragica Šalamon)
Disseminating partner	AGRI (presentation)
Event	2 nd International Conference Innovations: Guarantee for Future of Agribusiness in Croatia With special emphasis on innovation in education, 27.11.2020. (Križevci, on-line)
Description (short)	Data literacy in the sector of agriculture of Croatia: Learning about and with open data
Link (if online)	https://haed.hr/ii-medunarodni-znanstveno-strucni-skup-inovacije-jamstvo-buducnosti-agrobiznisa-u-hrvatskoj/ https://haed.hr/eng-2nd-international-scientific-professional-conference-innovations-a-guarantee-for-the-future-of-agribusiness-in-croatia/
Date of activity	November 29, 2020
Target audience (number of attendants)	Stakeholders from the agri-food sector (from producers to the final consumers, including scientists, consultants and government representatives).

Title of dissemination activity	TODO presented in Samos Summit 2020 (Frederika Welle Donker)
Disseminating partner	TUDELFT & UAEGEAN
Event	10th Samos 2020 Summit on ICT-enabled Governance
Description (short)	Presentation of the project results to the participants of the conference.
Link (if online)	https://www.samos-summit.com/agenda/
Date of activity	July 13-17, 2020 - Online
Target audience (number of attendants)	Researchers in the digital government domain (97 attendants)

Title of dissemination activity	TODO presented in EGOV-CeDEM-ePart 2020 Towards a sustainable open data research ecosystem in Croatia (Bastiaan van Loenen)
Disseminating partner	TUDELFT & UAEGEAN
Event	EGOV-CeDEM-ePart 2020
Description (short)	Presentation of the project activities and strategic approach for an open data research ecosystem in Croatia to the participants of the conference.
Link (if online)	http://dgsociety.org/egov-2020/programme-and-keynotes/
Date of activity	August 31 – September 2, 2020 - Online
Target audience (number of attendants)	Researchers in the digital government domain (134 attendants)

2.7 Other Dissemination and Communication Activities

This section is comprised of all other dissemination and communication activities that 'don't fall into one of the previous categories.

Title of dissemination activity	Survey on Open Data – Faculty of Law
Disseminating partner	LAW
Event	Online Survey on Open data – Faculty of Law
Description (short)	A survey on the open data knowledge and demand was conducted among the Faculty of Law University of Zagreb academic staff. The survey included 19 questions (Likert scale). The goal of the survey was to determine basic familiarity with the concept of open data / gain insight on the needs and experience with open data. The survey results were included in the presentation of Disciplinary research at the TODO Summer School (7-11 September 2020; Task 3.1.)
Link (if online)	
Date of activity	1-8 September, 2020
Target audience (number of attendants)	187 members of the academic staff of the Faculty of Law, University of Zagreb; 42 responses (22,5%)

Title of dissemination activity	Project: 'Open data: institutional, legal and financial 'aspects' (2020-2021)
Disseminating partner	LAW + TUDELFT
Event	Project: 'Open data: institutional, legal and financial 'aspects' (2020-2021)
Description (short)	Type: Synergies and liaisons with other projects and organizations will be promoted and established A project on open data has been initiated to explore institutional, legal and financial aspects of open data, including survey among academic staff of the UNIZG, mapping of datasets, analysis of legal, institutional (governance) and financial (fiscal) aspects. The project team includes 7 researchers LAW, 4 researchers TUDELFT and 2 researchers from Political Science Faculty of UNIZG
Link (if online)	
Date of activity	July 2020-December 2021
Target audience (number of attendants)	Project activities include round table, publishing of handbook and presentation of the papers (to be implemented in 2021 due to Covid-19 and Earthquake situation)

Title of dissemination activity	Project reports dissemination
Disseminating partner	LAW (+ other partners)
Event	-
Description (short)	As part of WP1 (Management and Coordination), the report (deliverable 1.1.) presents the common open data language which will serve as an input for a whole TODO project. It is prepared in the form of Glossary.
Link (if online)	
Date of activity	December 2020
Target audience (number of attendants)	researchers, national stakeholders, decision and policymakers, general public (website visitors)

Title of dissemination activity	Survey on data literacy and use of open data in education of sector of agriculture – Faculty of Agriculture
Disseminating partner	AGRI
Event	Online survey on data literacy and use of open data in education of sector of agriculture – Faculty of Agriculture
Description (short)	A survey on the open data knowledge and use in education was conducted among the Faculty of Agriculture University of Zagreb academic staff. The survey included six questions. The goal of the survey was to determine basic familiarity with the concept of open data and gain insight on the education on data literacy with open data. Also, to discover the early adopters with whom the semi-structured interviews and document analysis of the teaching materials are in progress at the moment. The preliminary survey results were included in the presentation of Data literacy in the sector of agriculture of Croatia: Learning about and with open data (Šalamon D., Blašković L., Džidić A., Varga F., Čavrak I., Bosnić I., in press) at International Scientific-professional Conference Innovations: Guarantee for Future of Agribusiness in Croatia, Digital technology in agribusiness panel (Dragica Šalamon).
Link (if online)	
Date of activity	1-20 November, 2020
Target audience (number of attendants)	350 academic staff of the Faculty of Agriculture, University of Zagreb

Title of dissemination activity	Project presentation meeting with the goal of determining further collaboration in the sector of nature protection
Disseminating partner	AGRI
Event	Project presentation meeting with the goal of determining further collaboration in the sector of nature protection
Description (short)	TODO project presentation meeting with the goal of determining further collaboration in the sector of nature protection.
Link (if online)	
Date of activity	15 November, 2019
Target audience (number of attendants)	In the time of the TODO project proposal: Croatian agency for the environment and nature (signed TODO supporter), at the time of the meeting: Department for environment and nature protection of the Ministry of the environment and nature protection. Currently: Department for environment and nature protection of the Ministry of Economy and Sustainable Development

Title of dissemination activity	Project presentation meeting with the goal of determining further collaboration in the sector of nature protection
Disseminating partner	AGRI
Event	Project presentation meeting with the goal of determining further collaboration in the sector of nature protection
Description (short)	TODO project presentation meeting with the goal of determining further collaboration in the sector of nature protection.
Link (if online)	
Date of activity	15 December, 2019
Target audience (number of attendants)	Attendants: WWF Adria (Zagreb), Association HYL A, Association BIOM, IRES-ekologija d.o.o.

2.8 Disseminated TODO News Items

This section lists news items that were disseminated by TODO consortium partners through various dissemination and communication channels. The disseminated news items are listed by disseminating partners in the following order: GEOD, FER, FOI, LAW, TRANS, AGRI, TUDELFT and UAEGEAN.

Title of news	Održana radionica Open Data Life Cycle projekta TODO – Twinning Open Data Operational [Open Data Life Cycle Workshop of the project TODO was held]
Disseminating partner	GEOD
Name of publication/website	Faculty of Geodesy website
Type of publication	Website news
Link (if online)	https://www.geof.unizg.hr/novosti/odrzana-radionica-open-data-life-cycle-projekta-todo-twinning-open-data-operational/
Date of publication	November 6, 2020
Target audience	General audience

Title of news	Online trening na temu otvorenih podataka [Online training program on the open data topic]
Disseminating partner	GEOD
Name of publication/website	Faculty of Geodesy website
Type of publication	Website news.
Link (if online)	https://www.geof.unizg.hr/novosti/online-trening-na-temu-otvorenih-podataka/
Date of publication	May 19, 2020
Target audience	General audience

Title of news	Održan TODO Open Data Life Cycle workshop
Disseminating partner	GEOD
Name of publication/website	Svemirski žurnal No. 77
Type of publication	Journal / e-newsletter
Link (if online)	http://science.geof.unizg.hr/satgeo/testimonials2.html



Date of publication	November 2020
Target audience	Regional scientific and professional audience (1500 subscribers)

Title of news	Ljetnja škola TODO projekta
Disseminating partner	GEOD
Name of publication/website	Svemirski žurnal No. 76
Type of publication	Journal / e-newsletter
Link (if online)	http://science.geof.unizg.hr/satgeo/testimonials2.html
Date of publication	October 2020
Target audience	Regional scientific and professional audience (1500 subscribers)

Title of news	Održana uvodna radionica TODO projekta
Disseminating partner	GEOD
Name of publication/website	Svemirski žurnal No 69,
Type of publication	Journal / e-newsletter
Link (if online)	http://science.geof.unizg.hr/satgeo/testimonials2.html
Date of publication	November 2019
Target audience	Regional scientific and professional audience (1500 subscribers)

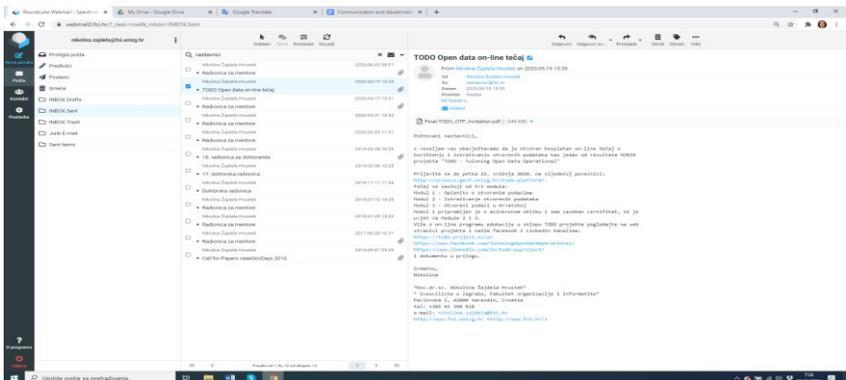
Title of news	Radionica Open Data Life Cycle
Disseminating partner	FER
Name of publication/website	FER Intranet
Type of publication	Website news
Link (if online)	https://www.fer.unizg.hr/intranet/obavijesti_djelatnicima?@=2sqca
Date of publication	October 10, 2020.
Target audience	General audience

Title of news	Online tečaj o uvodu u otvorene podatke
Disseminating partner	FER
Name of publication/website	FER Intranet
Type of publication	Website news.
Link (if online)	https://www.fer.unizg.hr/intranet/obavijesti_djelatnicima?@=2s4va
Date of publication	May 20, 2020.
Target audience	General audience

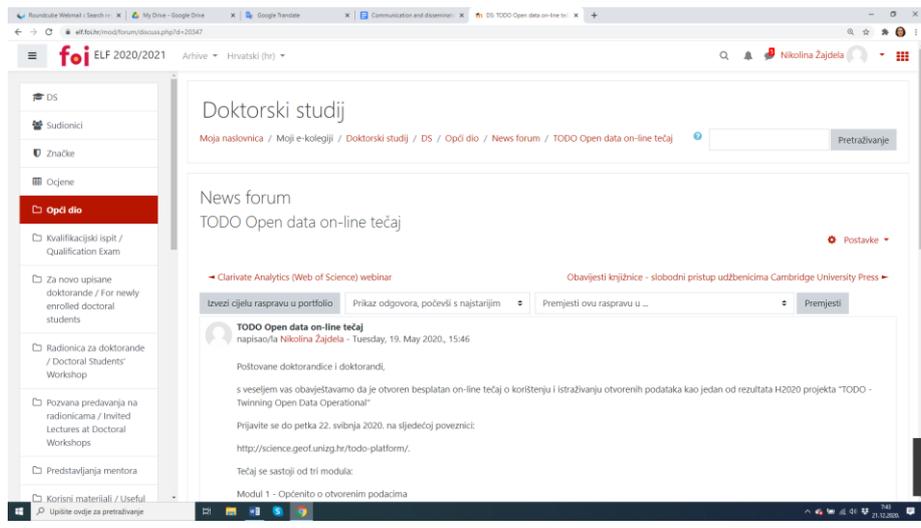
Title of news	FER u suradnji sa šest sastavnica Sveučilišta u Zagrebu podiže kvalitetu istraživanja otvorenih podataka
Disseminating partner	FER
Name of publication/website	FER Intranet
Type of publication	Website news
Link (if online)	https://www.fer.unizg.hr/novosti?@=2qn4m
Date of publication	October 10, 2019
Target audience	General audience

Title of news	PROJEKT "TODO: Twinning Open Data Operational"[Project "TODO: Twinning Open Data Operational"]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Website news.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/u-ozujku-2019-godine-foi-zapoceo-s-projektnim-aktivnostima-na-nova-tri-projekta
Date of publication	March 27, 2019
Target audience	General audience

Title of news	Kick-off projekta TODO
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Website news.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/kick-projekta-todo
Date of publication	November 26, 2019
Target audience	General audience

Title of news	TODO Open data online tečaj (TODO) [TODO Open data online course]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	e-mail
Link (if online)	
Date of publication	May 19, 2020
Target audience	teachers and researchers

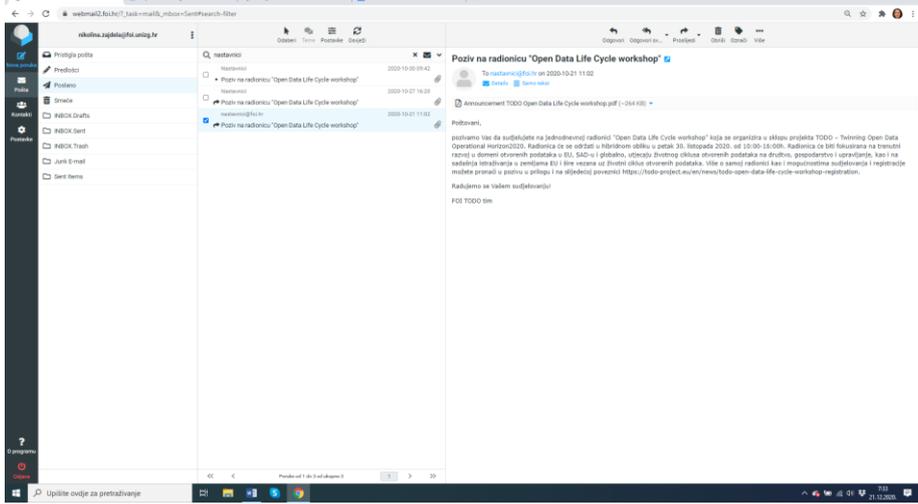
Title of news	TODO Open data online tečaj (TODO) [TODO Open data online course]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Forum – ELF - Doctoral study

Link (if online)	
Date of publication	May 19, 2020
Target audience	Doctoral students

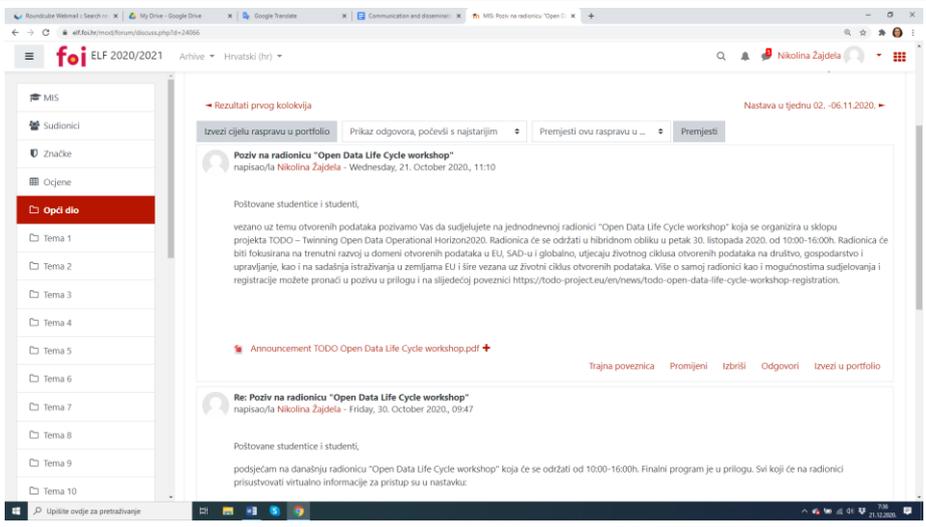
Title of news	Besplatan online tečaj o korištenju i istraživanju otvorenih podataka (TODO) [Free online course on the use and research of open data (TODO)]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Website news.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/besplatan-online-tecaj-o-koristenju-i-istrazivanju-online-podataka-todo
Date of publication	May 20, 2020
Target audience	General audience

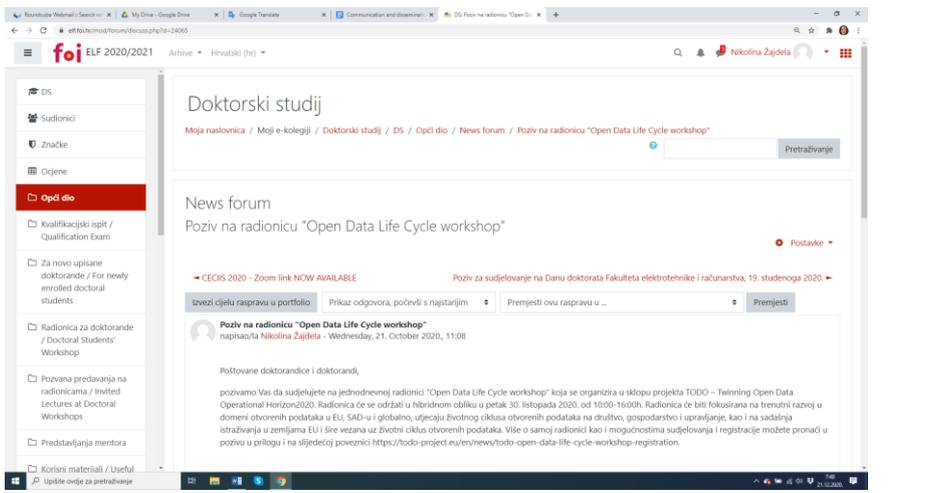
Title of news	Održana TODO ljetna škola na Fakultetu organizacije i informatike
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Website news.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/odrzana-todo-ljetna-skola-na-fakultetu-organizacije-i-informatike
Date of publication	September 1, 2019
Target audience	General audience

Title of news	Održana TODO ljetna škola na Fakultetu organizacije i informatike
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Website news.
Link (if online)	https://www.foi.unizg.hr/hr/novosti/odrzana-todo-ljetna-skola-na-fakultetu-organizacije-i-informatike
Date of publication	September 1, 2019
Target audience	General audience

Title of news	Poziv na radionicu "Open Data Life Cycle workshop" [Invitation to the workshop "Open Data Life Cycle workshop"]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	e-mail
Link (if online)	
Date of publication	September 21, 2020, September 27, 2020, September 30, 2020,
Target audience	teachers and researchers

Title of news	Poziv na radionicu "Open Data Life Cycle workshop" [Invitation to the workshop "Open Data Life Cycle workshop"]
Disseminating partner	FOI

Name of publication/website	Faculty of Organization and Informatics
Type of publication	Forum – ELF - Modeling and simulations
Link (if online)	
Date of publication	September 21, 2020, September 30, 2020,
Target audience	students

Title of news	Poziv na radionicu "Open Data Life Cycle workshop" [Invitation to the workshop "Open Data Life Cycle workshop"]
Disseminating partner	FOI
Name of publication/website	Faculty of Organization and Informatics
Type of publication	Forum – ELF - Doctoral study
Link (if online)	
Date of publication	September 21, 2020, September 30, 2020,
Target audience	PhD students



Title of news	H2020 Twinning Open Data Operational - Online tečaj o korištenju i istraživanju otvorenih podataka
Disseminating partner	TRANS
Name of publication/website	Faculty of Transport and Traffic Sciences
Type of publication	News
Link (if online)	https://www.fpz.unizg.hr/web/naslovna/novost/?id=2637
Date of publication	May 19, 2020.
Target audience	General audience

Title of news	Održano početno predstavljanje Horizon 2020 projekta Twinning Open Data Operational (TODO)
Disseminating partner	TRANS
Name of publication/website	Faculty of Transport and Traffic Sciences
Type of publication	News
Link (if online)	https://www.fpz.unizg.hr/web/naslovna/novost/?id=2511
Date of publication	December 20, 2019.
Target audience	General audience

Title of news	H2020 Twinning Open Data Operational – TODO
Disseminating partner	TRANS
Name of publication/website	Faculty of Transport and Traffic Sciences
Type of publication	News
Link (if online)	https://www.fpz.unizg.hr/web/naslovna/novost/?id=2377
Date of publication	September 20, 2019.
Target audience	General audience

Title of news	H2020-WIDESPREAD-2018-03 Twinning Open Data Operational
Disseminating partner	TRANS

Name of publication/website	Faculty of Transport and Traffic Sciences
Type of publication	News
Link (if online)	https://www.fpz.unizg.hr/web/naslovna/novost/?id=320
Date of publication	July 1, 2019.
Target audience	General audience

Title of news	Website (section of the institutional website devoted to the TODO project information and news)
Disseminating partner	LAW
Name of publication/website	Faculty of Law University of Zagreb – Research - Projects - TODO
Type of publication	Website
Link (if online)	https://www.pravo.unizg.hr/todo
Date of publication	2020 (currently 7 news items published)
Target audience	Website visitors (researcher, students, professionals)

Title of news	Website (section of the institutional website devoted to the research projects information)
Disseminating partner	AGRI
Name of publication/website	Faculty of Agriculture University of Zagreb – Research - Projects - TODO
Type of publication	Website
Link (if online)	http://www.agr.unizg.hr/hr/project/710/twinning_open_data_operational
Date of publication	October 2019
Target audience	Website visitors (researcher, students, professionals) in Croatian and in English

Title of news	Website (section of the institutional website devoted to the research education and sector news)
Disseminating partner	AGRI
Name of publication/website	a) Faculty of Agriculture University of Zagreb –Vijesti – Twinning Open Data Operational – TODO

	b) Faculty of Agriculture University of Zagreb Home>Pressroom>News - Twinning Open Data Operational - TODO
Type of publication	Website
Link (if online)	http://www.agr.unizg.hr/hr/article/2221/twinning_open_data_operational%E2%80%93todo http://www.agr.unizg.hr/en/article/2222/twinning_open_data_operational-todo
Date of publication	October, 10 th 2019
Target audience	Website visitors (researcher, students, professionals), in Croatian and in English

Title of news	Website (section of the institutional website devoted to the research education and sector news)
Disseminating partner	AGRI
Name of publication/website	Faculty of Agriculture University of Zagreb –Vijesti – Twinning Open Data Operational – TODO :: On-line tečaj
Type of publication	Website
Link (if online)	http://www.agr.unizg.hr/hr/article/2383/twinning_open_data_operational%E2%80%93todo_on-line_te%C4%8Daj
Date of publication	May, 19 th 2020
Target audience	Website visitors (researcher, students, professionals), in Croatian

Title of news	Facebook page on the profile: Sveučilište u Zagrebu Agronomski fakultet
Disseminating partner	AGRI
Name of publication/website	Twinning Open Data Operational – TODO :: On-line tečaj -prijave
Type of publication	Website
Link (if online)	https://www.facebook.com/agronomski/posts/2996011953821592
Date of publication	May, 19 th 2020
Target audience	Facebook visitors (researcher, students, professionals), in Croatian

Title of news	Website (section of the institutional website devoted to the research education and sector news)
Disseminating partner	AGRI

Name of publication/website	a) Faculty of Agriculture University of Zagreb –Vijesti – TODO Project Open Data Life Cycle workshop :: Poziv na radionicu b) Faculty of Agriculture University of Zagreb Home>Pressroom>News - TODO Project Open Data Life Cycle workshop :: Invitation
Type of publication	Website
Link (if online)	http://www.agr.unizg.hr/hr/article/2473/todo_project_open_data_life_cycle_workshop_poziv_na_radionicu http://www.agr.unizg.hr/en/article/2474/todo_project_open_data_life_cycle_workshop_invitation
Date of publication	October, 22 nd 2020
Target audience	Website visitors (researcher, students, professionals), in Croatian and in English

Title of news	Mailing list (nature protection sector news maintained by the Department for environment and nature protection of the Ministry of Economy and Sustainable Development: ProPriroda@haop.hr)
Disseminating partner	AGRI
Name of publication/website	Twinning Open Data Operational – TODO project starts
Type of publication	Mailing list
Link (if online)	ProPriroda@haop.hr
Date of publication	October, 10 th 2019
Target audience	Nature protection public sector employees, researchers, professionals in nature protection, in Croatian (405 members at the end of 2019)

Title of news	Mailing list (nature protection sector news maintained by the Department for environment and nature protection of the Ministry of Economy and Sustainable Development: ProPriroda@haop.hr)
Disseminating partner	AGRI
Name of publication/website	Twinning Open Data Operational – TODO :: On-line tečaj, prijave
Type of publication	Mailing list
Link (if online)	ProPriroda@haop.hr
Date of publication	May, 19 th 2020
Target audience	Nature protection public sector employees, researchers, professionals in nature protection, in Croatian (405 members at the end of 2019)

Title of news	Mailing list (nature protection sector news maintained by the Department for environment and nature protection of the Ministry of Economy and Sustainable Development: ProPriroda@haop.hr)
Disseminating partner	AGRI
Name of publication/website	TODO Project Open Data Life Cycle workshop :: Poziv na radionicu
Type of publication	Mailing list
Link (if online)	ProPriroda@haop.hr
Date of publication	October, 22 nd 2020
Target audience	Website visitors (researcher, students, professionals), in Croatian and in English

Disseminating partner: UAEGEAN

#	Title of news	Name of publication /website	Type of publication	Link (if online)	Date of publication	Target audience
1	Online Training Programme on Open Data	Gov3.0 website Samos Summit website Digital Government Research Center website	Newsletters, News Items in social media, retweets from TODO account.	https://www.samos-summit.com/ https://www.gov30.eu/theproject/newsletters/ http://www.dgrc.gr/news_el/enimerotika-deltia/	From the beginning of the project – constantly updating the newsletters (every 3 months) – constantly tweeting and retweeting (every week) – constantly updating the researchgate group (new publications)	General audience
2	Open Data Seminar			https://twitter.com/Government_30 https://twitter.com/dgrc_GR Personal twitter accounts		General audience
3	Open Data workshop			After the completion		General audience
4	Open Data Summer School			After the completion		General audience
5	Publications of the project			Research Gate group https://www.researchgate.net/project/TODO-Twinning-Open-Data-Operational		General audience
6	Project kick-off			E-mailing lists		General audience

2.8 TODO Research, Professional and Scientific Publications

This section list all research, professional and scientific publications (such as articles in journals, books/monographs, chapters in books, and thesis/dissertations) published by TODO consortium members during the first fifteen months of the project implementation.

Partner name	Type of the publication	Title of the publication	DOI	Authors	Title of the journal or equivalent	Number, Date	Publisher Place of publication Year of publication	Relevant pages	Peer-Review	Is/Will open access provided to this publication
LAW	Article in professional journal	Otvoreni podaci i ponovna uporaba informacija: Što građanima i javnom sektoru donosi Direktiva o otvorenim podacima?	-	Anamarija Musa	<i>Novi informator</i>	6604/2019, 9.12.2019.	Novi Informator, Zagreb 2019	2-12	NO	Yes https://www.bib.irb.hr/1036288
LAW	Book chapter	ICT supported participatory governance at the local level in Croatia	-	Anamarija Musa, Ivan Koprić, Dana Dobrić Jambrović, Petra Đurman	<i>'Democratic and Electronic Changes in Local Public Action in Europe: REvolution or E-volution?'</i> (ur. Stephane Guerard & Antoniu Tudor)	Tbc (2021)	Institut Universitaire Varenne Paris, France, 2021 (forthcoming)	tbc	YES	NO



TRANS UAEGEAN	[Article in journal]	Application of Deep Reinforcement Learning in Traffic Signal Control: An Overview and Impact of Open Traffic Data	ISSN 2076-3417; CODE N: ASPCC 7	Martin Gregurić, Miroslav Vujić, Charalampos Alexopoulos, Mladen Miletić	Journal of Applied Sciences	Applied Sciences. 2020 Jan;10(11): 4011.	Mdpi online	[YES] Pages or tbc	YES	[Yes -Gold OA] Journal of Applied Sciences on all aspects of applied natural sciences
LAW UAEGEAN	[Article in journal]	The Complementarity of Legal Data Platforms: Identification of Functionalities and Open Issues	ISSN: 0306-4379	Charalampos Alexopoulos, Michalis-Avgerinos Loutsaris, George Stratigellis, Stavros Makris, Shefali Virkar, Anamarija Musa, Yannis Charalabidis	Journal of Information Systems	Under review	Elsevier	[YES] Pages or tbc	YES	[Yes -Green OA] Information systems are the software and hardware systems that support data-intensive applications.

2.9 TODO Participation in Conferences

This section lists all publications in conference proceedings published by TODO consortium members during the first fifteen months of the project implementation.

Partner name	Type of the publication	Title of the publication	DOI	Authors	Title of the conference proceeding	Number, Date	Publisher Place of publication Year of publication, Relevant pages	Peer-Review	Is/Will open access provided to this publication	Title of the conference, date, target audience
FOI	Publication in conference proceeding	Usage and Role of Open Government Data and Public Policies of 54+ Citizens e-Inclusion Issues	-	Robertina Zdjelar, Nikolina Žajdela Hrustek, Neven Vrčec	Central European Conference on Information and Intelligent Systems proceedings	-	in the process of publishing	[YES]	[NO]	31st Central European Conference on Information and Intelligent Systems CECIIS 2020, 02 – 9 Oct 2020, General audience
FOI LAW	Publication in conference proceeding	Open Data Availability in Croatian Local Government: Improving the Quality of Life		Robertina Zdjelar, Anamarija Musa, Nikolina Žajdela Hrustek,	Smart Cities International Conference proceedings	-	in the process of publishing	[YES]	[NO]	8th Smart Cities Conference, 2020, Bucharest, Romania, December 3-4, 2020, General audience

FOI	Publication in conference proceeding	Enabling open data paradigm for Business improvement	Larisa Hrustek, Martina Tomičić Furjan, Igor Pihir	Economic and Social Development 56th International Scientific Conference on Economic and Social Development Book of Proceedings	-	Varazdin Development and Entrepreneurship Agency, Varazdin, Croatia, 2020, 174-183	[YES]	[YES]	56th International Scientific Conference on Economic and Social Development, 2020, Aveiro, Portugal, 02-03 July, 2020, General audience
FOI AGRI TUDELFT	Publication in conference proceeding	Key stakeholder groups for digital innovation of agriculture in Croatia	Larisa Hrustek, Martina Tomičić Furjan, Alen Džidić, Dragica Šalamon, Filip Varga, Bastiaan van Loenen	International Symposium on Agriculture Book of Proceedings	-	<i>accepted for publication</i>	[YES]	[YES]	The 56th Croatian & 16th International Symposium on Agriculture, Vodice, Croatia, 2/2021, General audience

GEOD TUDELFT UAEGEAN	Publication in conference proceeding	Towards an open data research ecosystem in Croatia	https://dgsociety.org/wp-content/uploads/2020/08/CEUR-WS-Proceedings-2020_Full-Manuscript.pdf#page=73	Bastiaan van Loenen, Frederika Welle Donker, Anneke Zuiderwijk, Dražen Tutić, Charalampos Alexopoulos	Proceedings of Ongoing Research, Practitioners, Workshops, Posters, and Projects of the International	2020	IFIP, Linköping University, Sweden, 59-70, 2020	[YES]	[Yes -Gold OA]	EGOV-CeDEM-ePart, 31 August-2 September 2020, open data researchers
TUDELFT UAEGEAN	Publication in conference proceeding	Massive Open Online Course on Open Data. The TODO Online Training Programme		Bastiaan van Loenen & Frederika Welle Donker, Charalampos Alexopoulos	Samos 2020 Summit Book of Abstracts	forthcoming	Samos Summit	[YES]	[Yes -Gold OA]	Samos 2020 Summit on ICT-enabled Governance

TRANS FOI	Publication in conference proceeding	The Benefits of Open Data in Urban Traffic Network		Vujc, Dedic, Tomicic Furjan, Pihir	The proceedings of the 5th EAI International Conference on Management of Manufacturing Systems (MMS 2020)	2021	Springer, in process (ISBN 978-3-030-67240-9)	[YES]	[NO]	EAI MMS2020
AGRI	Abstract in book of abstracts	Overview of open data in Croatia available for use in the sector of agriculture		Šalamon Dragica	Book of Abstracts of the International Conference Innovations: Guarantee for Future of Agribusiness in Croatia / Svržnjak, Kristina (ur.), p.31-32	2019	Zagreb: Hrvatsko agroekonomsko društvo	[YES]	[Yes - Green OA]	1st International Conference Innovations: Guarantee for Future of Agribusiness in Croatia, November 22, 2019, Zagreb

FER AGRI	Abstract in book of abstracts	Data literacy in the sector of agriculture of Croatia: Learning about and with open data		Šalamon Dragica, Blašković Lucija, Džidić Alen, Varga Filip, Čavrak Igor, Bosnić Ivana	2nd International Conference Innovations: Guarantee for Future of Agribusiness in Croatia Book of Abstracts	forthcoming	Zagreb: Hrvatsko agroekonomsko društvo	[YES]	[Yes - Green OA]	2nd International Conference Innovations: Guarantee for Future of Agribusiness in Croatia With special emphasis on innovation in education, 27.11.2020. (Križevci, on-line)
FER AGRI TUDELFT	Abstract in book of abstracts	Spatial records quality for Dalmatian pyrethrum from Croatian Open Databases.		Varga Filip, Grdiša Martina, Nikolić Toni, Guberović Emanuel, Bosnić Ivana, Welle Donker Frederika, Šalamon Dragica	International Symposium on Agriculture Book of Abstracts	forthcoming	University of Zagreb, Faculty of Agriculture, Zagreb, Croatia	[YES]	[Yes - Green OA]	55th Croatian & 15th International Symposium on Agriculture February 16 - 21, 2020 . Vodice . Croatia

FOI AGRI TUDELFT	Article in conference proceedings	Promoting digital innovation: Identifying the key elements in agricultural open data ecosystem in Croatia.	Šalamon Dragica, Tomičić Furjan Martina, Džidić Alen, Varga Filip, Hrustek Larisa, van Loenen Baastian	International Symposium on Agriculture Book of Abstracts	forthcoming	University of Zagreb, Faculty of Agriculture, Zagreb, Croatia	[YES]	[Yes - Green OA]	55th Croatian & 15th International Symposium on Agriculture February 16 - 21, 2020 . Vodice . Croatia
------------------------	-----------------------------------	--	--	---	-------------	---	-------	------------------	--

3 TODO Communication and Dissemination Activities (Status at M15 of the Project Implementation)

To measure communication and dissemination progress and impact at the project level, a number of quantifiable indicators have been established. The values in Table 2 below state the expected numbers for each activity and numbers achieved during the first fifteen months of the project implementation.

Table 2. Performance indicators and status at M15 for TODO communication and dissemination activities

Activity	Indicator	Expected Number	Status at M15
Website	Number of unique visitors	N/A	N/A
	Average time spent on website	N/A	N/A
	Number of news posts published	25	26
E-newsletter	Number of e-newsletters issued	2	2
	Number of e-newsletters subscribers	80	85
Social media profiles	Number of news posts published	310	317
	Total number of followers		
	Number of likes	250	251
	Number of retweets/sharing per publication	140 140	142 142
Dissemination events organised by TODO consortium	Number of events (workshops, conferences, seminars, etc.)	4	5
	Total number of participants	150	290
Scientific journals	Number of published / submitted papers	15 (M1-M36)	4
Conferences	Number of presentations, posters	30 (M1-M36)	11
Fairs	Expo visits	N/A	

News releases	Number of articles in newspapers / web portals / social networks	20	36
Other events (round tables, invited lectures, talks...)	Number of external events in which TODO participated	20	23
Flyers/information material	Copies of flyers/information material distributed	30	36
Target audience	Estimated number of persons to be reached by TODO	1500	1678

The detailed quantifiable indicators of TODO online presence for TODO website, TODO social network profiles and TODO e-newsletter are outlined in Table 3. Status at M15 of the project implementation is measured and contingency plan for the next period is provided.

Table 3. Evaluation of TODO online presence (TODO Website, TODO Social network profiles and TODO e-Newsletter)
– status at M15 of the project implementation

Dissemination Activity	Indicator	Status at M15	Contingency Plan
TODO Website	<p>Number of News published on the TODO Website</p> <p>Title: TODO Grant Agreement Signed Date: 23. October 2019 Link: https://todo-project.eu/en/news/todo-grant-agreement-signed</p> <p>Title: Kick-off meeting Date: 23. October 2019 Link: https://todo-project.eu/en/news/kick-meeting</p> <p>Title: Meet TODO p Date: 23. October 2019 Link: https://todo-project.eu/en/news/meet-todo-partners</p> <p>Title: Croatia's National Spatial Data Infrastructure Conference Date: 25. November 2019 Link: https://todo-project.eu/en/news/croatias-national-spatial-data-infrastructure-conference</p> <p>Title: Successful kick-off meeting held in Croatia Date: 25. November 2019 Link: https://todo-project.eu/en/news/successful-kick-meeting-held-croatia</p> <p>Title: Call for Early Stage Researchers – ESRs Date: 29. January 2020 Link: https://todo-project.eu/en/news/call-early-stage-</p>	26	Promoting the website in Social Networks (Facebook, Twitter, ResearchGate, LinkedIn) and other dissemination channels (e-mail, newsletter...), link to the website of each project partner website and the social media; publishing interesting content to key stakeholders and the general public; organization / reorganization of the website so that relevant information and information about important events can be easily found.

Dissemination Activity	Indicator	Status at M15	Contingency Plan
	<p>researchers</p> <p>Title: Subscribe to TODO newsletter Date: 29. January 2020 Link: https://todo-project.eu/en/news/subscribe-todo-newsletter</p> <p>Title: TODO project flyer and brochure Date: 29. January 2020 Link: https://todo-project.eu/en/news/todo-project-flyer-and-brochure</p> <p>Title: TODO Preparation Phase Finished Date: 20. February 2020 Link: https://todo-project.eu/en/news/todo-preparation-phase-finished</p> <p>Title: TODO SC Meeting #1 Date: 20. February 2020 Link: https://todo-project.eu/en/news/todo-sc-meeting-1</p> <p>Title: TODO presented on Open Data Day Croatia 2020 Date: 10. March 2020 Link: https://todo-project.eu/en/news/todo-presented-open-data-day-croatia-2020</p> <p>Title: TODO new publication items Date: 30. March 2020 Link: https://todo-project.eu/en/news/todo-new-publication-items</p> <p>Title: TODO First newsletter Date: 02. April 2020</p>		

Dissemination Activity	Indicator	Status at M15	Contingency Plan
	<p>Link: https://todo-project.eu/en/news/todo-first-newsletter Title: Online training program Date: 24. April 2020 Link: https://todo-project.eu/en/news/online-training-program Title: @TODO invitation Date: 18. May 2020 Link: https://todo-project.eu/en/news/todo-invitation Title: Online training: We finished MODULE 1! Date: 23. October 2020 Link: Title: Online training: We finished MODULE 1! Date: 19. June 2020 Link: https://todo-project.eu/en/news/online-training-we-finished-module-1 Title: We were active! We finished framework presentation in MODUL 2 and diligently preparing for Summer school Date: 20. July 2020 Link: https://todo-project.eu/en/news/we-were-active-we-finished-framework-presentation-modul-2-and-diligently-preparing-summer Title: ODO Online Training Program presented on the 10th Samos Summit on ICT-enabled Governance Date: 21. July 2020 Link: https://todo-project.eu/en/news/todo-online-training-program-presented-10th-samos-summit-ict-enabled-governance</p>		

Dissemination Activity	Indicator	Status at M15	Contingency Plan
	<p>Title: Online training: MODULE 3 Enrolment Date: 29. August, 2020 Link: odo-project.eu/en/news/online-training-module-3-enrollment</p> <p>Title: Final TODO Summer school program Date: 1. September 2020 Link: https://todo-project.eu/en/news/final-todo-summer-school-program</p> <p>Title: Summer school - successfully held in online and hybrid mode Date: 15. September 2020 Link: https://todo-project.eu/en/news/summer-school-successfully-held-online-and-hybrid-mode</p> <p>Title: Open Data Life Cycle Workshop preparation Date: 1. October 2020 Link: https://todo-project.eu/en/news/open-data-life-cycle-workshop-preparation</p> <p>Title: TODO Open Data Life Cycle Workshop registration Date: 16. October 2020 Link: https://todo-project.eu/en/news/todo-open-data-life-cycle-workshop-registration</p> <p>Title: TODO Open Data Life Cycle workshop - Final program Date: 27. October 2020 Link: https://todo-project.eu/en/news/todo-open-data-life-cycle-workshop-final-program</p>		

Dissemination Activity	Indicator	Status at M15	Contingency Plan
	<p>Title: TODO Second newsletter Date: 28. October 2020 Link: https://todo-project.eu/en/news/todo-second-newsletter</p> <p>Title: Open Data Life Cycle Workshop - successfully held online Date: 05. November 2020 Link: https://todo-project.eu/en/news/open-data-life-cycle-workshop-successfully-held-online</p>		
Social networks	Number of followers	<p>Facebook – 160 followers</p> <p>Twitter – 32 followers</p> <p>Research Gate – 23 followers</p> <p>LinkedIn – 36 followers</p>	<p>Increase links to social media in every communication /dissemination Social networks (Facebook, Twitter, ResearchGate, LinkedIn); Motivate and encourage project partners and all stakeholders to like every news / post on the project's social networks; Motivate and encourage project partners and all stakeholders to retweet / share every news / post on the project's social networks in their organization or personal account</p>
Social networks	Number of likes	<p>Facebook – 154 likes on page</p> <p>Twitter – 3 likes peer post</p> <p>Research Gate – 2 recommendations</p> <p>LinkedIn – 3 likes peer post</p>	
Social networks	Number of retweets/sharing per publication	<p>Facebook – 2 sharing</p> <p>Twitter – 1 sharing</p> <p>Research Gate –</p>	

Dissemination Activity	Indicator	Status at M15	Contingency Plan
		137 reads LinkedIn – 2 retweets	
Social networks	Number of news in the TODO Social networks – Facebook Link: https://www.facebook.com/TwinningOpenDataOperational	Facebook – 91 posts Twitter – 211 tweets Research Gate – 3 research referenced in this project LinkedIn – 12 posts	
	Number of news in the TODO Social networks – Twitter Link: https://twitter.com/ToDoProject		
	Number of news in the TODO Social networks – ResearchGate Link: https://www.researchgate.net/profile/ToDo_Project		
	Number of news in the TODO Social networks – LinkedIn Link: https://www.linkedin.com/in/todo-euproject/		
e-Newsletter	Number of e-Newsletter issued	2	Increase number of subscribers; Promoting the Newsletter in Social Networks (Facebook, Twitter, ResearchGate, LinkedIn) and other dissemination channels (TODO website...), each project partner website and the social media channels; publishing interesting content to key stakeholders and the general public.
e-Newsletter	Number of subscribers	First newsletter: 55 Second newsletter:85	

Based on the analysis of the indicators provided in Table 4, the objective is to identify the success of the TODO communication and dissemination activities, to recognise where improvement is needed but also to explain the issues that have been faced during the period and the lessons learned.

In summary, the majority of the planned communication and dissemination activities have been realised. The *Preparation Phase* and the *Co-Creation Phase – Capacity Building and Collaboration and Knowledge Sharing Phase* were implemented following the procedure described in *D5.3 - Dissemination and Communication Plan*.

Achieved results at M15 of the project implementation outlined in Table 1. show that nine (out of ten) dissemination and communication actions that were planned for the first fifteen months of the project implementation have been successfully realised.

Due to circumstances unforeseen in the original planning, the site visits and staff exchanges from the *Co-Creation Phase* are being implemented in the slightly changed setting. Namely, due to the COVID-19 pandemic, it was not possible to realize the onsite visits in M10 and in M15, as originally planned. The site visits were moved from onsite physical visits to online meetings foreseeable at M16 and M18-M21. For the same reasons, the first round of visits (ESRs and staff) is temporarily delayed and is being partially substituted by online meetings between UNIZG main and TUDELFT/UAEGEAN external supervisors, to establish the cooperation and co-mentoring framework for ESRs.

The TODO website is functional and regularly updated with new information about the project and the website objective for the next period is to continue in efforts to attract more people to the TODO website. What is still missing is the implementation of two additional functionalities:

- Direct access to the project Public Deliverables and abstracts of selected non-Public Deliverables (will be included after the 1st review meeting)
- Monitoring tools: the website will include a counter of visitors or other statistical tools that will be used to measure the site analytics.

The planned number of TODO e-newsletters has been released. However, this activity suffers from a lack of subscriptions, explained partially by the GDPR compliance. From a subscription perspective, the first two e-newsletters are available on the TODO website (as well as an invitation to subscribe), the newsletter will be promoted via social media channels and during the events organised by TODO consortium. TODO e-newsletter objective for next period: increase number of subscribers.

The social media profiles have been set up and the posts providing information about the project are regularly published. What was found is mainly a lack of interaction between the members of the group. Social media objectives for the next period are to increase interactivity with external stakeholders, promote the TODO website and e-newsletters.

Regarding the number of articles, publications, abstracts and papers submitted, the expected outputs of the collaboration on research and joint publications are presented in *D4.1 – The Publication Plan and Research Groups* and counts: 15 joint peer-reviewed publications, 30 conference papers (2 papers per year per UNIZG partner, within M7-M36), 6 professionals in Croatian journals and 6 professional papers in international journals. The implementation of the Plan will be reported through two reports foreseen at M24 and M36. TODO publications objectives for the period M16-M24 include: 40% conference papers



delivered (min 2 papers), 40% joint publications (min 1 paper) and 50% professional papers (min 1 paper) per partner.

In order to facilitate the attainment of the publication goals, as well as to stimulate contributions to external events, the TODO Joint Publications Plan is supplemented with separate lists of conferences and a list of publications with additional data (indexing, websites). All TODO partners will use their participation in external events as an additional opportunity to establish synergies with other initiatives having similar scope in order to avoid duplication of effort and save resources.

The achievement of the TODO publication goals and number of contributions to external events in the following period may be challenged by external circumstances caused by the COVID-19 pandemic. The external events and conferences could be cancelled, postponed, or delayed and cause delays in achieving the set number of publications. These risks have been tackled within D4.1 – The Publication Plan and Research Groups.

4 TODO Dissemination plan for the next period

Based on the overall dissemination and strategy of the TODO project and the corresponding actions planned, this section details the plan for the next period (M16-M36).

The aim of the dissemination strategy for the next period is to increase the visibility and communication of project actions and results to the main target groups and key stakeholders. An additional aim is to encourage continuously project members as well the target groups and key stakeholders in the area of open data to pick up available results and tools, improve knowledge and skills and - on top of this - contribute to expanding and refining the research and exploit all opportunities in the open data area. The specific goal for the next period is to openly demonstrate clear social, economic as well environmental benefits and all potential advantages, and opportunities of using open data to a larger number of stakeholders and interested target groups. Through, *inter alia*, dissemination activities, we aim to promote and emphasize the significance and business opportunities, new products, and services within new sectors/markets in which open data can be successfully implemented and used. More specific objectives and activities for the next period related to dissemination include:

- To bring together all national stakeholders of the Croatian open data ecosystems, including decision-makers, public servants, businesses, researchers, and citizens, and to initiate a dialogue between these stakeholders
- To contribute directly to the Croatian open data ecosystem by an in-depth assessment of the status of open data in Croatia, and by integrating the views of different stakeholder groups as well as the results of the TODO project
- To strengthen UNIZG's international profile and reputation in open data education and research through the organization of an international Open Data conference for open data researchers.

The dissemination strategy for the TODO project in the next period also includes continuously and timely provision of dissemination of all further project activities and results to all the stakeholders and during the remaining project lifetime. All project partners will be equally responsible for dissemination activities at all levels. The key objective of the TODO dissemination activities is to ensure that all project partners in the remaining period of the project appropriately present and sufficiently communicate project progress and achieved results. Each project partner is, therefore, continuously and further also in the next period committed to fully maximize their networks, contacts, and capabilities for the effective dissemination of project progress and results through raising awareness, creating interest, and diffusing the results of the project.

Activities that will follow in the coming period of the project related to the implementation of the dissemination plan include the completion of the *Co-creation phase – Capacity building and collaboration and knowledge sharing*. Due to the circumstances caused by the COVID-19 pandemic, efforts will be made to carry out planned activities related to site visits, staff exchanges research seminars. It will also be actively continued by all members of the project team to work on planned activities related to joint publications and conference participation and creating Open Science collaboration tools. Related to the dissemination phase



Communication, dissemination and outreach the activities will be continued which include creating high-level promotion and communication materials and communication tools. In the future period according to the dissemination plan, national and international conferences in the field of open data will be organized. In the last phase of project implementation *Exploitation and sustainability phase*, the focus of the project will be on maximizing the long-term engagement with key interest groups and stakeholders, organizations, and their networks in Croatia, Europe, and beyond. The above is intended to be achieved through the establishment of a joint research agenda, encouraging joint project development as well as through updating university study programs.

Table 4. Indicative timeline for the concerned activities for next period (M16-M36) of project implementation

Twinning Open Data Operational (TODO)	Targeted Dissemination Phases																					
	Co-creation phase – Capacity building and collaboration																					
	Communication, dissemination and outreach																					
	Exploitation and sustainability phase																					
Dissemination activities	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
Site visits (I and II)																						
Store and share research data in open repository																						
Perform research of ESRs in a supportive environment																						
Present research results (Seminar II)																						
Organize National Open Data Conference																						
Organize International Open Data Conference																						
Joint publications and conference participation																						

