



D7.3.3 - Annual Dissemination Report

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Work package / Task:

WP7 Capacity Building and Dissemination

Task 7.2 – Development of dissemination material

Task 7.3 – Dissemination activities

Task 7.4 – Building and maintaining the network-of-networks

Short Description:

The deliverable D7.3.3 reports the dissemination activities and dissemination material produced during the 3rd project year.

The dissemination level is public.

Keywords:

Awareness, dissemination, communication, network

Dissemination Level		
PU	Public	x
RE	Restricted to other programme participants (including Commission services and project reviewers)	
CO	Confidential, only for members of the consortium (including EACEA and Commission services and project reviewers)	

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Executive Summary

The Annual Dissemination report presents a detailed description of the dissemination tools (website, social network, flyer, poster, roll-up, newsletter) identified for the promotion of EO4GEO project.

Moreover, it reports the dissemination activities carried out by the partners, during last year.

The dissemination material has been prepared in the first year and continuously updated along the project, according to the evolving project needs.

The web site is a “live tool”, and it has been periodically updated in this third year (reorganisation of the sections and new sections), as the project progressed, to convey information in the most useful way.

The project website features links to active social network channels (Twitter and Medium) to widely promote the project in different communities and attracting participation of stakeholders.

A new project leaflet has been finalised and a promotional video produced, to further increase the diffusion of the EO4GEO products

A new poster has been prepared in this third year, and virtually presented at the ESA Phi-Week.

Three issue of the project Newsletter have been released, including a special issue for the official release of the first version of the BoK.

The overall approach to the communication and dissemination activities done in 2020 by each partner is presented, with the complete list of dissemination activities provided in Annex I.

This third year of the project has been affected by the pandemic COVID crisis, and all the dissemination activities previously programmed, forced to be turned online.

Being the year of the release and publication of the main project outcomes, the EO4GEO dissemination activities were focused on spreading the availability of the project products

Although with different efforts, every partner was committed to disseminate the EO4GEO first results and to involve experts. The communication was made by the partners also in the national languages, which greatly helped the dissemination of the project awareness at national level.



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Acronyms

Acronym	Description
EACEA	Audiovisual and Culture Executive Agency
EU	European Union
ICT	Information and Communication Technologies
EO/GI	EO and GI sectors
EO	Earth Observation
GI	Geographic Information
CMS	Content Management System
CC	Creative Commons (Attribution Share Alike license)
ESA	European Space Agency
GDPR	General Data Protection Regulation
BoK	Body of Knowledge
IDEais network	Latin American network about SDI
SDI	Spatial Data Infrastructures
AGILE	Association of Geographic Information Laboratories in Europe
ESA	European Space Agency
LAPUP	Laboratory of Atmospheric Physics - University of Patras
TeRN	Technologies for Earth Observation and Natural Risks
SME	Small and medium-sized enterprises
BRAIN CITIES	Boosting ReseArch INside CITIzens communitiES
EGU	European Geosciences Union
AGU	American Geophysical Union
JRC	Joint Research Centre
EEA	European Environmental Agencies
DG-ENV	DG Environment, Directorate-General for Environment
EARSeL	European Association of Remote Sensing Laboratories
GEO	Group on Earth Observations
LRAs	Local and Regional Authorities
ISPRS	International Society for Photogrammetry and Remote Sensing
ICCSA	International Conference on Computational Science and Its Applications
IREA	Istituto per il Rilevamento Elettromagnetico dell'Ambiente
NGOs	Non-Governmental Organisations
GIS	Geographic Information System



Glossary

Body of Knowledge (BoK) is the complete set of concepts and relations between them, that make up a professional domain, (in this case EO/GI BoK) and the related learning outcomes as defined by the relevant learned society or a professional association.

Education, Audiovisual and Culture Executive Agency (EACEA) manages funding for education, culture, audiovisual, sport, citizenship and volunteering.

Geographic Information (GI) is the data of a geographic location combined with non-spatial information (e.g. statistical data) and their representation as a map.

Geographic Information System (GIS) is a computerized tool designed for storing, analysing and consulting data where geographic location is an important characteristic or critical to the analysis

Group on Earth observation (GEO), is a community of more than 100 national governments and in excess of 100 Participating Organizations that envisions a future where decisions and actions for the benefit of humankind are informed by coordinated, comprehensive and sustained Earth observations.

Information and communication technologies (ICT) are the infrastructure and components that enable modern computing.

Small and medium-sized enterprises (SMEs) are enterprises which employ fewer than 250 persons and which have an annual turnover not exceeding EUR 50 million, and/or an annual balance sheet total not exceeding EUR 43 million.



1. Introduction

1.1. *Introduction to EO4GEO*

EO4GEO is an **Erasmus+ Sector Skills Alliance** gathering **25 partners from 13 EU countries**, most of which are part of the **Copernicus Academy Network**. Be they from academia, public or private sector, they are all active in the education and training fields of the space / geospatial sector. The project is also supported by a strong group of Associated Partners mostly consisting of associations or networks active in space/geospatial domain. The project started on January 1st, 2018, upon approval by the EU Education, Audiovisual and Culture Executive Agency (EACEA) and runs over four years.

EO4GEO aims to help bridging the skills gap in the space/geospatial sector by creating a strong alliance of players from the sector/community reinforcing the existing ecosystem and **fostering the uptake and integration of space/geospatial data and services**. EO4GEO works in a **multi- and interdisciplinary** way and applies innovative solutions for its education and training actions including: case-based and collaborative learning scenarios; learning-while-doing in a living lab environment; on-the-job training; co-creation of knowledge, skills and competencies; etc.

EO4GEO will define a long-term and sustainable strategy to fill the gap between supply of and demand for space/geospatial education and training taking into account the current and expected technological and non-technological developments in the space/geospatial and related sectors (e.g. ICT).

The strategy will be implemented by: creating and maintaining an ontology-based Body of Knowledge for the space/geospatial sector based on previous efforts; developing and integrating a dynamic collaborative platform with associated tools; designing and developing a series of curricula and a rich portfolio of training modules directly usable in the context of Copernicus and other relevant programmes and conducting a series of training actions for a selected set of scenarios in three sub-sectors - integrated applications, smart cities and climate change to test and validate the approach. Finally, a long-term Action Plan will be developed and endorsed to roll-out and sustain the proposed solutions

For more information on the project please visit <http://www.eo4geo.eu/about-eo4geo/>.

1.2. *Objectives of the Work Package*

In order to build a **long-term and sustainable strategy** to fill the gap between the supply of and demand for space/geospatial education and training, several actions have been foreseen which imply a progressive strategy to foster the visibility of the project itself in order to engage with specific target audiences. This Work Package includes the definition of an overall approach to



Communication and Dissemination, with capacity-building activities as a key element for the dissemination of the project results and community engagement.

Community-building and consolidation is fundamental for pursuing the longer-term objectives, i.e. the sustainability of the project outcomes after its conclusion. This particular item of the strategy will be developed in close relationship with the coordinator of WP6. The basis for such sustainability will start from the beginning of the project with the awareness raising activities and be consolidated throughout the project.

The work package aims at:

- **Raising awareness** on the uses of EO/GI data and information;
- **Attracting** new stakeholders interested in using EO / GI data;
- **Building capacity** to foster user uptake of Copernicus-based products and services in three sub sectors;
- **Consolidating** the EO4GEO community to build a sustainable long-term strategy;
- **Reach out** to the selected and profiled target groups and raise their awareness and understanding on the uses of EO/GI data and information;
- **Foster the dialogue** between the training/education and the space/geospatial sector and help to build a community;
- **Build a strong EO4GEO brand** which will contribute to the overall Copernicus brand identity and strengthen the recognition of the long-term Action Plan;
- **Identify and establish potential collaboration mechanisms** between the education/training and the space/geospatial industry.

The overall perspective is to **promote the EO4GEO strategy for skills development in different contexts**, towards the target groups addressed by the project dissemination. This will be done by paying attention to the specific skills and knowledge needed for the implementation of the Space Strategy for Europe.

This **horizontally supporting work package** is planned along the whole project duration. It is crucial as it ensures that the specific objectives and deliverables of the project have an effective outreach during the project life-time. It requires that the consortium partners provide input for profiling the target groups and contribute to the dissemination activities in order to maximise outreach.

1.3. Objectives of the Tasks

The tasks involved in this report deals with the dissemination material produced during the year (Task 7.2), the dissemination activities done by the partners (Task 7.3) and the network of network actions (Task 7.4),

The aim of the first task (7.2) is to design promotional tools, to maximise the dissemination of the project, including: the EO4GEO web site, with in depth information, and relevant links; the logo, to



ensure a strong visual identity; the flyers; the posters; the newsletters; a YouTube channel, to provide access to promotional videos, presentations, etc; a Twitter channel, to provide project news to the stakeholders.

The second task (7.3) is meant to foster the awareness about the project objectives and its outcome towards the targeted audience, and all the partners are committed with a strongly collaborative approach to ensure this goal.

The third task (7.4) is dedicated to manage, extend, maintain and animate the network-of-networks.

1.4. Purpose and structure of this document

The objective of this report is to describe the dissemination activities of the project and the dissemination material produced during the third year.

After this introductory chapter, the document is organised as follows:

- Chapter 2 describes the project web site with its sections and the access statistics;
- Chapter 3 describes the social networks used to promote EO4GEO;
- Chapter 4 presents the new flyer that has been designed and ideas for new product specific flyers that will be produced in the last year of the project;
- Chapter 5 present the poster realised for the ESA Phi-Week
- Chapter 6 present the video realised for dissemination purpose;
- Chapter 7 describes the newsletter, one of the effective means for communicating the project results, news and achievements;
- Chapter 8 is dedicated to the network of network
- In chapter 9, each partner gives an overview of the overall approach to the communication and dissemination activities done in 2020;
- Chapter 10 presents the conclusions;
- Finally, in Annex I there are tables with all the dissemination activities carried out by the partners in the third year.



2. EO4GEO website

The EO4GEO website is the main dissemination tool of the project, designed and launched at M3. It is intended to represent the principal online access point to EO4GEO, describing **general information** about its scope, objectives, activities, and partners.

The website has been designed, structured and developed using WordPress¹ (Version 5.0.1). This is an open source Content Management System (CMS) based on PHP and MySQL.

The website is hosted on a server located in the cloud provided by the ISP Aruba.it S.p.A, an Italian company that offers web hosting services. The server is powered by GNU/Linux Operating System (CentOS², x64) with the following services: HTTP (Apache³), DB (MariaDB⁴), OpenSSH⁵ server. The navigation system is intuitive, allowing the visitor to quickly navigate the site starting from any page.



Figure 2.1: Navigation bar

2.1. Website sections

During the third project year, the project website has been heavily updated in order to showcase the public project outcomes. In detail, these changes consisted in the following two main tasks:

On one side, the creation of new sections coinciding with the availability of the main products of the project, namely: The EO4GEO Body of Knowledge (version 4.0), the EO4GEO Tools ecosystem, the EO4GEO Training Material catalogue, the EO4GEO Training Actions catalogue and finally, the EO4GEO Internship and project work offers catalogue. The design and creation of these new website sections has been done in close collaboration with the different WP leaders and involved partners.

On the other side, the remodeling of the home page. This task consisted basically on a redesign aiming to highlight and recognize the main project products at first glance on the site, turning this dissemination resource more product-oriented and less project-oriented. This has been done also following a close collaboration with the partners involved on the development of the project's a long-term action plan.

¹ <http://www.wordpress.org>

² <http://www.centos.org>

³ <http://www.apache.org>

⁴ <http://www.mariadb.org>

⁵ <http://www.openssh.org>



In parallel the website has been updated regularly with news entries, public deliverables, articles, proceedings and other documentation. Also, is worth mentioning a complete update of the “partnership” section, especially regarding the use of a new instrument for mapping the project partners.

Other website tasks involved regular maintenance and update of the content management system components.

Below the different sections of the website are described in more detail together with the changes that have been made during the reporting period.

➤ **Homepage**

with overall information on the project, news and highlights of recently available resources.

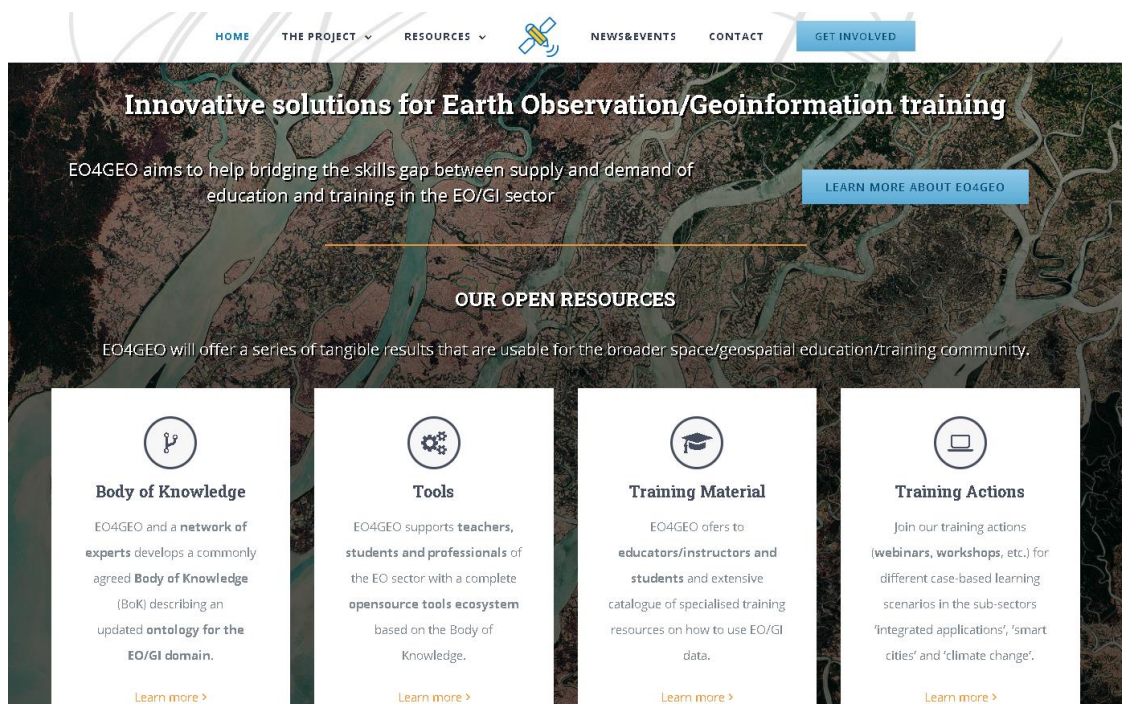


Figure 2.2: Home page of EO4GEO website

➤ **The project**

✓ **About EO4GEO**

a brief introduction to the project and the results offered

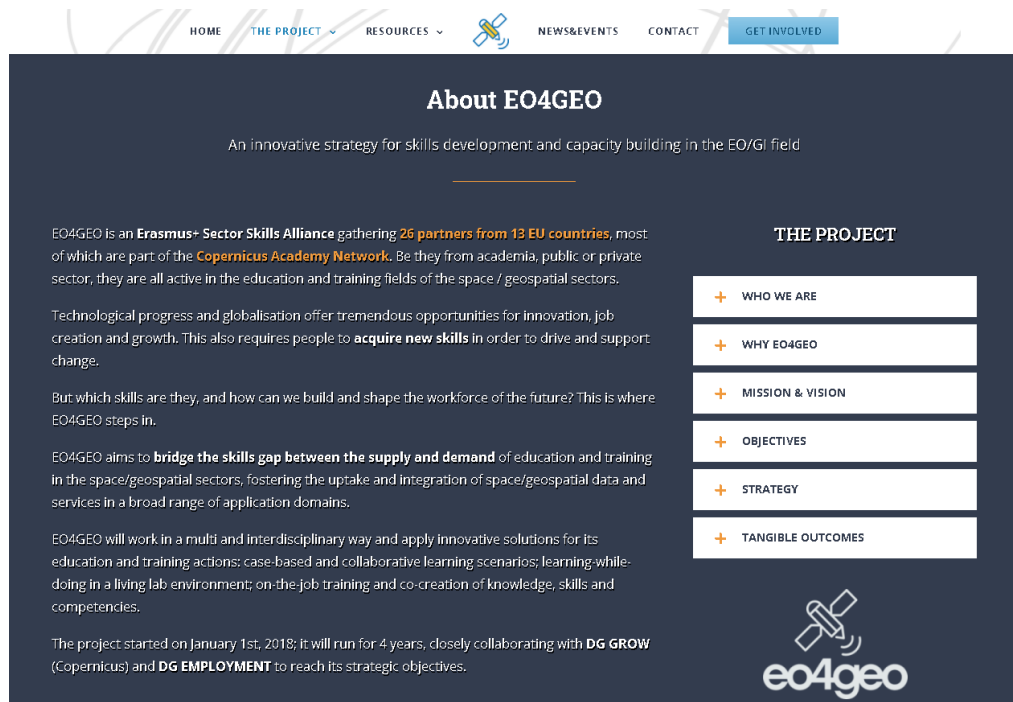


Figure 2.3: About EO4GEO

- ✓ Surveys
the welcome page to the EO4GEO surveys on the supply of training and demand of skills in the EO/GI sector. The surveys are still open.

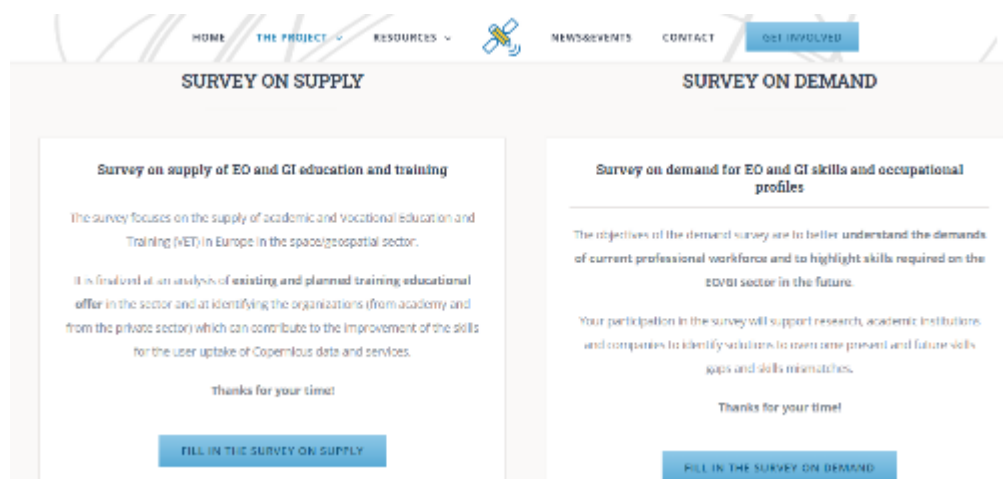


Figure 2.4: The two surveys

- ✓ Partnership
the list of Partners working in the project, and the always updating list of Associated Partners with the link to their web sites. A new instrument is used for mapping the Partners.

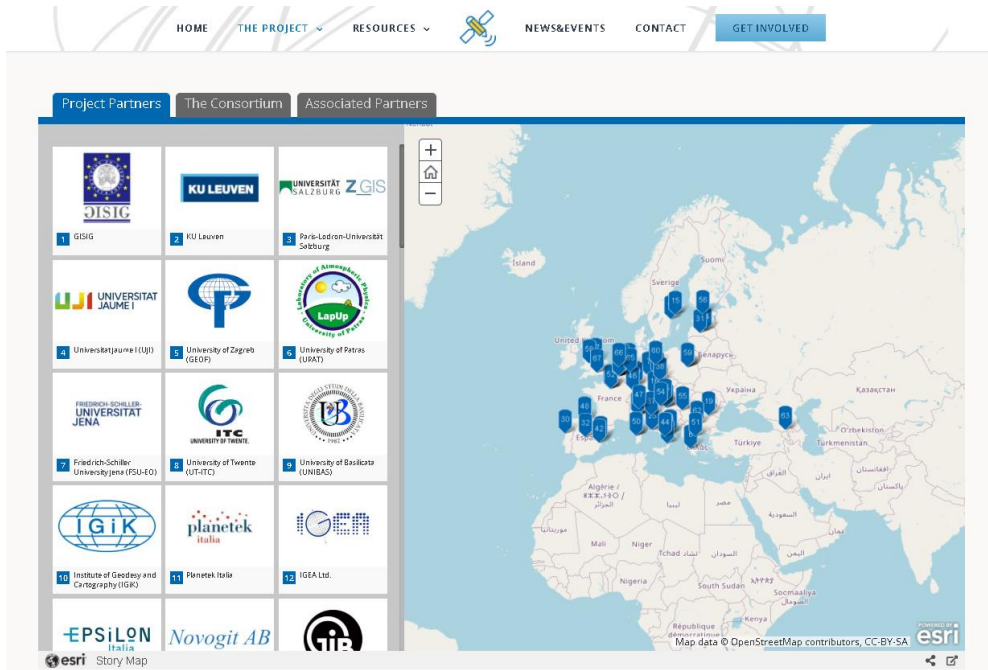


Figure 2.5: Map of the Partners and Associated Partners

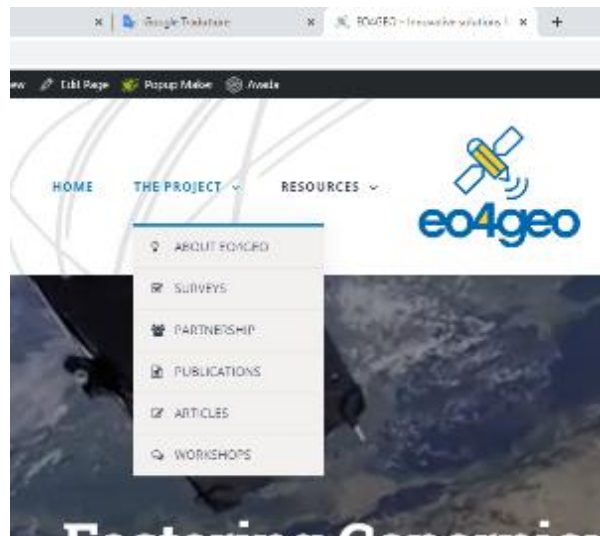
- ✓ Publications presents all the dissemination material: newsletter, brochure, poster, roll-up



Figure 2.6: The publications page



- ✓ Workshops
showing the proceedings for each workshop organised by the consortium



Workshops	
DATA FOR GOOD. 26 November 2019, Warsaw (Poland)	PRESENTATIONS
EO4GEO REGIONAL ROLL-OUT AT THE COMMITTEE OF THE REGIONS. 29th October 2019 in Brussels Region (Belgium)	PRESENTATIONS
EO4GEO High level capacity building Workshop. 07th-08th October 2019 in Lutetia (France)	PRESENTATIONS
Earth Observation Summit supported by EO4GEO. 25-27 June 2019, Leuven, Belgium.	PRESENTATIONS
ESA Living Planet Symposium. Milan (IT), 12th May 2019	PRESENTATIONS

Figure 2.7: The new workshop section

➤ Resources

This section organises and gives access to the main project outcomes.

- ✓ EO4GEO Body of Knowledge
This resource page is dedicated to the EO4GEO BoK. It gives detailed information on the related tools (to browse, edit and re-use the BoK) and features an up-to-date list of the experts actively involved in the development of the BoK concepts.



HOME THE PROJECT RESOURCES NEWS&EVENTS CONTACT GET INVOLVED


A Body of Knowledge (BoK) for EO/GI

EO4GEO is developing an innovative resource describing an ontology for the EO/GI fields.

The existing Geographic Information Science and Technology Body of Knowledge (GI S&T BoK), developed by the **GINZK project** on the basis of the American University Consortium for Geographic Information Science, is the basis for the development and operationalization of the EO4GEO Body of Knowledge (BoK).

Describing the Geographic Information and Earth Observation domain should be done by defining the underpinning inter-related **concepts** (theories, methods, technologies, etc.) that should be covered in education and training curricula.


Accessing and editing the BoK



BoK Visualization and Search

Tool to graphically and textually visualise, explore and navigate the BoK. It supports permalinks, versioning and advanced searching.

[More information >](#)



Living Textbook

Our BoK is maintained and edited using the Living Textbook environment. This tool offers a view on the knowledge network through a concept map, combined with text.

[More information >](#)

Figure 2.8: The EO4GEO BoK page

✓ **EO4GEO Tools**

This section has been completely remodelled as entry point for accessing the tools developed during the project. The section organizes the tools and gives access to dedicated pages for each one. In these dedicated pages all the necessary information is given to the user.


HOME THE PROJECT RESOURCES NEWS&EVENTS CONTACT GET INVOLVED

EO4GEO Tools

A complete ecosystem of tools, with the EO4GEO BoK in the center.

The EO4GEO ecosystem of tools is a set of innovative collaborative tools which can be used independently or combined, depending on the user's profile and needs. The tools are all based on the **EO4GEO Body of Knowledge**, which is made available through an API of the **EO4GEO platform**. All tools created are Licensed under the copyleft Licence **GNU GPLv3**.


BoK tools for professionals



Occupational Profile Tool

The Occupational Profile Tool allows to create occupational job profiles and connect them with BoK concepts (Knowledge) and ESCO (skills).

[More information >](#)



Job Offer Tool

The Job Offer Tool allows to create job and training offers in the field of EO/GI based on occupational profiles.

[More information >](#)

BoK tools for education

Figure 2.9: The EO4GEO tools page



- ✓ **EO4GEO Training Material catalogue**
This section aims at offering a comprehensive catalogue of training lectures (mainly teaching material) developed during the project. The catalogue is based on a searchable and filterable portfolio giving the user all information on the training resources and on how to access them. At the time of writing of this report this website page is still on its final development phase.

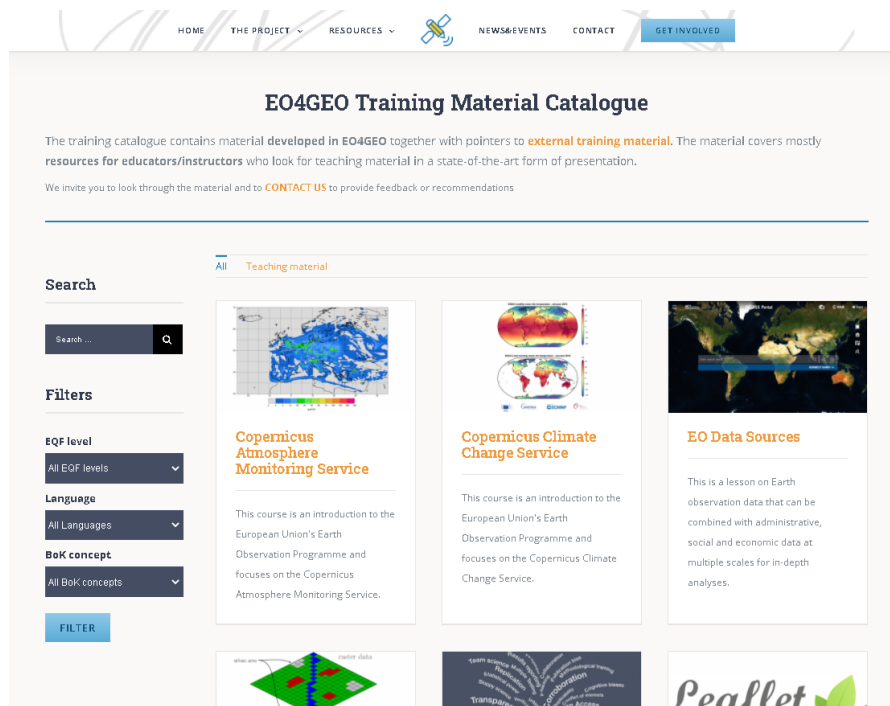


Figure 2.10: The Training Material catalogue

- ✓ **EO4GEO Training Actions catalogue**
This section is devoted to organizing and giving access to the dedicated pages for each of the training actions organized during the last phase of the project. The training actions dedicated pages are intended to be the main dissemination resource for these events and give information on the content and organisational aspects of the training actions.



Figure 2.11: The Training Actions catalogue

➤ **News & Events**

showing news of interest from the partnership, related to the project domain of activities (i.e. events, publications, etc.);

Figure 2.12: The News and Events page



➤ **Contact**

with a “Get In Touch With Us” form to fill in in order to be contacted

The screenshot shows a 'Contact Us' page with a dark background. At the top, there is a navigation menu with links for HOME, THE PROJECT, RESOURCES, NEWS/EVENTS, CONTACT, and ALL PROJECTS. Below the navigation is a large image of a satellite. The main heading is 'Contact Us' in white. Underneath is the sub-heading 'Get In Touch With Us' and a short paragraph: 'Please send us a message by filling out the form below and we will get back with you shortly.' The form consists of three input fields: 'Name (last name)', 'Email', and 'Subject'. Below these is a large text area for the message and a blue 'SEND' button at the bottom left.

Figure 2.13: The form to fill in to be contacted

➤ **Get Involved**

- ✓ Join the Alliance

for the future EO4GEO collaboration network, to promote the EO4GEO strategy for skills development

The screenshot shows a 'Join the EO4GEO Alliance' page. At the top, there is a navigation menu with links for HOME, THE PROJECT, RESOURCES, NEWS/EVENTS, CONTACT, and ALL PROJECTS. Below the navigation is a large image of a satellite. The main heading is 'Join the EO4GEO Alliance'. Underneath is a short paragraph: 'EO4GEO is a sector skills Alliance that will continue to operate after the life-time of the project, to promote our strategy for skills development.' Below this is a large white box with a blue border containing the text: 'We call all education/training stakeholders in the EO, GIS and Skills sectors to join us in order to establish synergies and collaborate.' Below this text is another paragraph: 'Be part of EO4GEO and let's discuss and work together on the supply and demand of skills in the EO/GIS sector. EO4GEO is supported by a strong group of Associated Partners mainly consisting of associations or networks.' To the right of this text is a diagram showing a central node connected to three other nodes. Below the white box are two links: 'Become an EO4GEO Associated Partner' and 'Associated Partner registration form'.

Figure 2.14: The “Join the Alliance” Page



✓ Newsletter

Where users can register to receive the biannual newsletter directly in their inbox

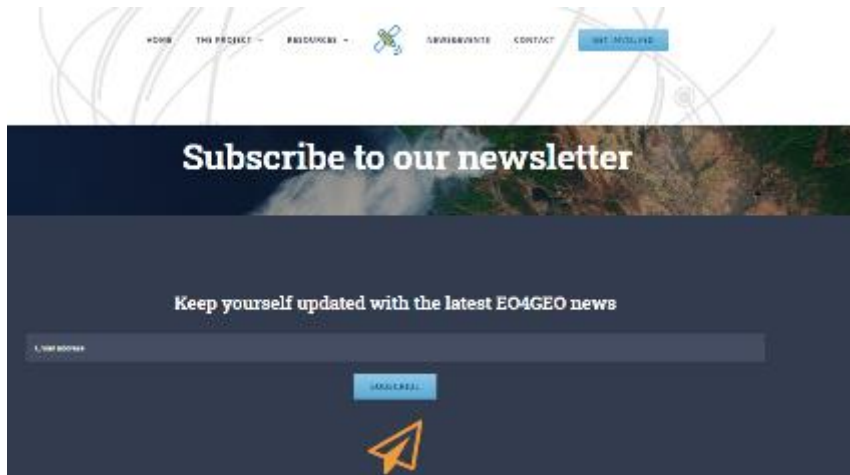


Figure 2.15: The Newsletter Page

✓ Call for experts

Where EO/GI experts can register to contribute in the Body of Knowledge



Figure 2.16: The Call for Experts Page



- ✓ Project Liaisons
Links with other projects in the EO/GI field



Figure 2.17: The Project Liaisons page

- ✓ EO4GEO Internship and project work offers catalogue
This new section on the “Get involved” menu is devoted to giving access to a portfolio of job/mobility opportunities from companies, public and research institutions and collected by the project partners. Some of the offers have been already fulfilled and the catalogue is continuously updated.

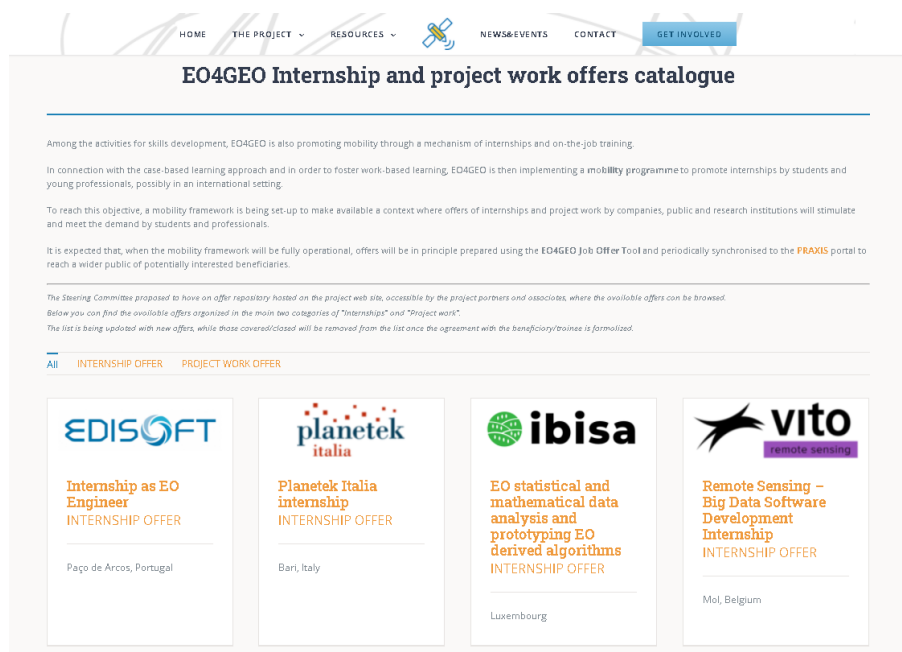


Figure 2.18: The EO4GEO Internship and project work offers catalogue



- ✓ Community events
Link to pages dedicated to specific EO4GEO events organized or supported by the Consortium.

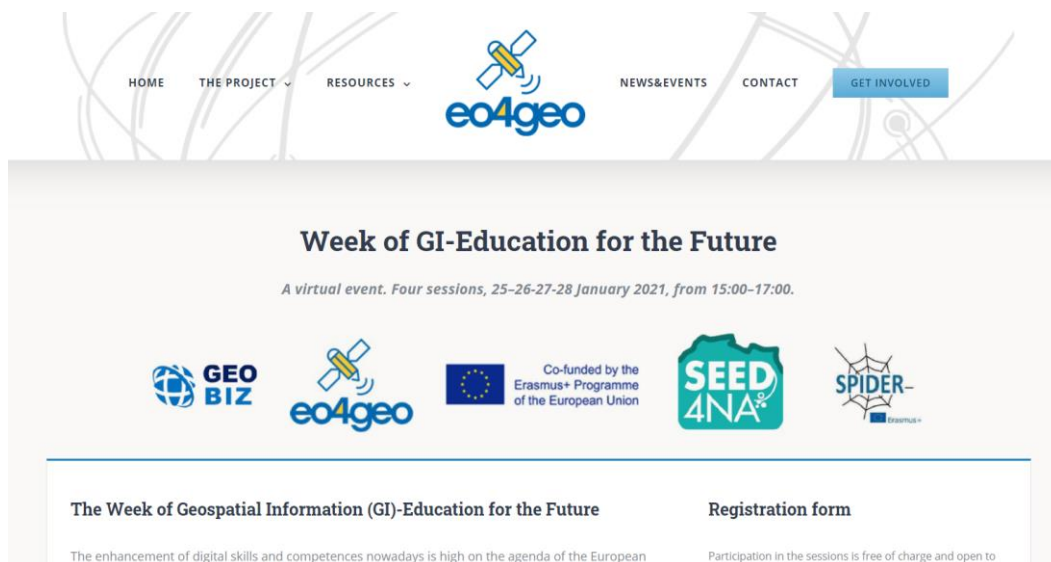


Figure 2.19: The Week of GI-Education for the Future page (in “Community Events”)

2.2. Website statistics

To keep track of the visibility of the website, we check the statistics through Google Analytics.

	M3 – M12 (Y1)	M13 – M24 (Y2)	M25-M36 (Y3)	% of increment (from Y2 to Y3)	Total
Number of Unique Users	3733	4836	6645	+37,4%	15214
Total Number of visits	7759	10537	13942	+32,3%	32238

The target value is 15000 unique users for the entire project period; having reached this number already at the end of the third year, and with a whole year of project still ahead, we can say that the result is fully satisfactory. The visibility of our project via the web has reached a level above the average of the same type/size of project, guaranteeing a greater impact of the results achieved.

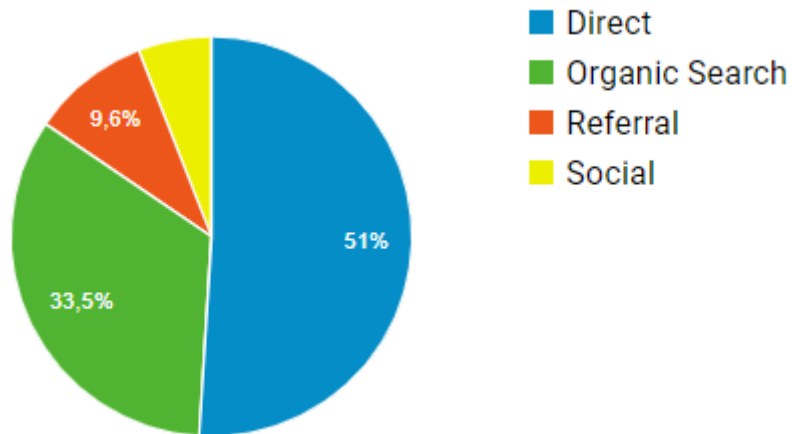


Figure 2.20: Main channels of access to the site

5.9 % of the visits come from social networks (especially Twitter).

The most clicked pages are:

1. Home page
2. News and Events
3. About EO4GEO
4. Partnership
5. Training material
6. Surveys
7. Bok
8. Tools
9. Publications



3. Social Networking

The project website features links to active social network channels (Twitter and Medium) to widely promote the project in different communities and attract participation of stakeholders.

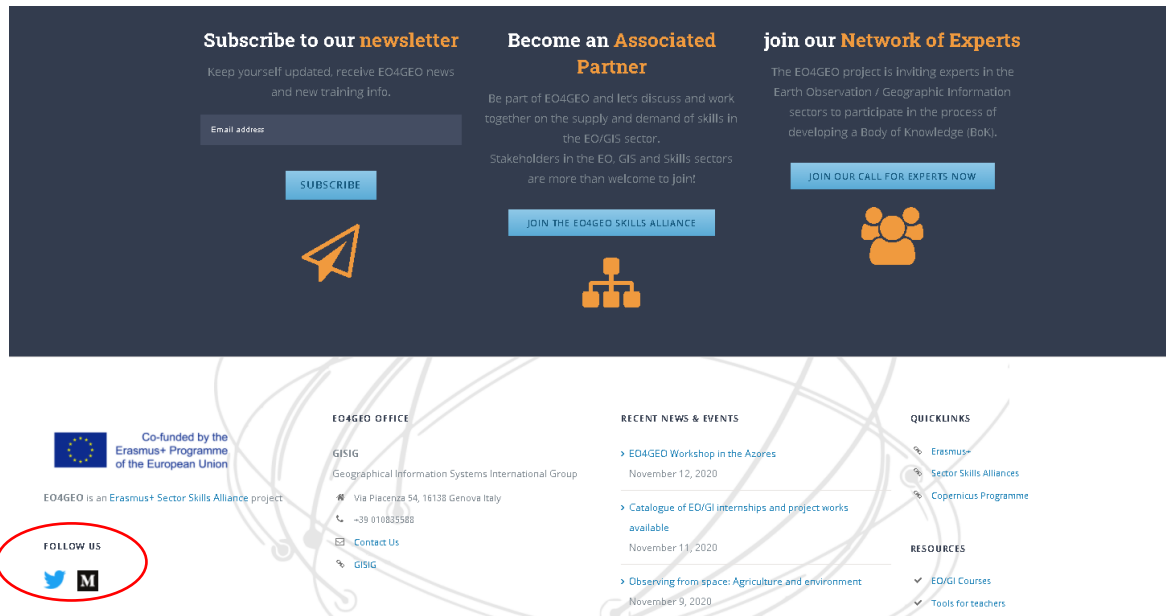


Figure 3.1: The social media links in the website footer



Twitter ([@EO4GEOtalks](https://twitter.com/EO4GEOtalks))

The official EO4GEO twitter account was launched in February 2018 (M2). Twitter is the primary social media platform used by the project consortium to disseminate first results and attract new stakeholders. Currently has 1131 followers, 547 tweets and a total of about 766.2K impressions.

	M2 – M12 (Y1)	M13 – M24 (Y2)	M25 – M36 (Y3)	Total
Followers	368	382	381	1131
Impressions	233.2K	339.9K	193.1K	766.2K

Looking at the followers of other blueprint projects (NTG - Next Tourism Generation Project, Construction Blueprint, Drives project, Mates project), even if from other sectors, and therefore perhaps not directly comparable, we find an average of 440 followers.

The results of EO4GEO are therefore quite good.



Co-funded by the
Erasmus+ Programme
of the European Union



Medium ([@EO4GEO](https://www.medium.com/@EO4GEO))

A Medium channel was set-up in order to foster the development of content related to the project, such as blog posts on the workshops, interviews to relevant stakeholders and articles on specific topics. The Medium channel is seen as an opportunity to engage with people and organizations that can have an interest in the EO4GEO initiative. Currently, 34 articles have been posted and more interviews are being planned, including interviews to the coordinators of other Blueprint Sector Skills Alliances

In order to increase the visibility of the Medium channel, each newsletter has a dedicated area which includes updates on “what we achieved”. Work Package leaders working on key deliverables at the time of the publication of the newsletter are in charge of writing a blog post on this issue: the link is included in the newsletter and makes a link between the tools. Moreover, when a deliverable such as the Report on the project workshop on the demand for skills in the space / geospatial sector is released, a blog post which resumes the key takeaways is published and promoted via Twitter in order to disseminate the deliverable towards other audiences.



Youtube (EO4GEO)

The Youtube account now contains the following videos:

- Announcement of the Body of knowledge release
- EO4GEO poster presentation at the ESA Phi-Week 2020
- Online 2nd Earth Observation Summit – June 2020
- Interviews with partners at the project meeting and workshop in Castellon (2018)



4. EO4GEO flyer

In the first year, a flyer illustrating the general mission of the project was prepared. Heading in the fourth year, now that the EO4GEO resources have been released, a new flyer focused on the EO4GEO outcomes has been produced.

Therefore, the flyer is organized as follow:

- The back cover provides general information on the project: its mission, the Alliance, the Consortium, supported by the Associated Partners and the Advisory Board.
- The front cover describes the project resources developed in these three years (Body of Knowledge, tools, training material), providing the web links to find and use the material.

After the revision by the members of the Executive Board, the flyer is now ready to be spread. It will be uploaded on the website's Publication page and distributed in seminars and conferences.

Each resource produced by the project can be of interest for a particular target. For this reason, a discussion on the possibility to create specific flyers for each resource will follow in the next months.



Figure 4.1: The new flyer



Co-funded by the Erasmus+ Programme of the European Union



5. EO4GEO poster

A new poster has been prepared for the ESA EO Phi-Week (virtual).

The poster features the following elements:

- Top Left:** European Union logo and text: "Co-funded by the Erasmus+ Programme of the European Union".
- Top Center:** eo4geo logo with tagline "Empowering space data users".
- Top Right:** Website "www.eo4geo.eu" and a QR code.
- Left Side:** Social media handles: "M @EO4GEO" and "@EO4GEOtalks".
- Body of Knowledge (BoK) Diagram:** A central hub labeled "Body of Knowledge" with a URL "https://bok.eo4geo.eu". It is surrounded by various domains: Geospatial Data, GI and Society, Design and Setup of Geographic Information Systems, Conceptual Foundations, Web-based GI, Image processing and analysis, Cartography and Visualization, Thematic and application domains, Geocomputation, Analytical Methods, Organizational and Institutional Aspects, Physical Principles, Data Modeling, Storage and Explication, and Platforms, sensors and digital imagery.
- BoK Description:** "The EO4GEO Body of Knowledge (BoK) is an inventory of concepts, associated skills and interrelations between concepts." and "In other words the BoK is a **vocabulary of knowledge and skills** in the EO*GI domain. The BoK is currently extended and completed by a network of experts from private businesses, public organisations and academia."
- Section Header:** "The EO4GEO Sector Skills Alliance provides a comprehensive ..."
- eo4geotools:** "The BoK plays a key role in matching the demand of workforce on the market and the supply of future workforce through education by providing the vocabulary for naming required knowledge and skills. This fact is realized in a series of **tools** that use the BoK for specifying **job offers, occupational profiles and educational offers** – resources that can be aligned in the BoK matching tool."
 - Job Offer Tool:** "https://eo4geo-jot.web.app". Includes a screenshot of the tool interface.
 - Other Tools:** Curriculum Design Tool, Learning Path Tool, BoK Matching tool, Occupational Profile Tool, BoK and Learning Tools, Job Offer Tool, Living Textbook, BoK Matching tool.
- Section Header:** "... framework for Copernicus education and training!"
- eo4geocourses:** "The vision of the EO4GEO strategy aims at providing the workforce with the **right skills, in the right place, at the right time.** In support of this vision, EO4GEO develops educational offers ranging from base modules, via specialized modules to framework curricula for full programs. State-of-the-art tools and platforms are used for creating training material on concepts and skills that in demand."
 - Diagram:** A pyramid structure showing "Fully fledged programmes", "Specialized training modules", and "Basic modules" for EO and GI domains.
 - Screenshot:** A screenshot of a lesson titled "07.2 | FILTERING" with learning objectives.
- Footer:** A list of authors: Stefan Lang, Martina Stelmazczuk, Barbara Hofer, Eva Missioni, Silvia Gorni, Florian Albrecht, Danny Vandenbroucke, Marc Olijssagers, Sven Casteleyn, Aida Montfort Muriach, Valerio Tramutoli, Valeria Sotriano, Estefania Aguilar Moreno, Milva Carbonaro.

Figure 5.1: Poster presented at the ESA EO Phi-Week



6. EO4GEO video

To further increase the diffusion of the EO4GEO products, we also agreed on creating a short video (around 3'30") on the project resources (Body of Knowledge, software tools, training material).

Statistics show that the time spent online watching videos by users is constantly increasing. For this reason, we thought that a video could be a valid way to increase project awareness especially, but not only, among young people.

The video is in the form of a cartoon, prepared with the tool *Animaker*. The draft is now under the approval of the Executive Board. It'll probably be published on EO4GEO YouTube channel in the next few weeks, and announced via the website and the Twitter page. Additionally, a link to the video could be spread by members of the Consortium when presenting EO4GEO in workshops and conferences.

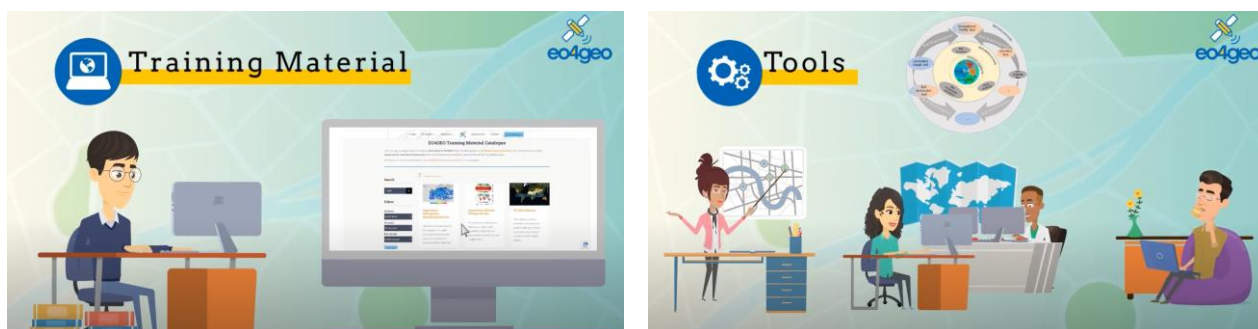


Figure 6.1: Screenshot from the promotional video



7. EO4GEO newsletters

An effective mean for communicating the project results, news and achievements is the EO4GEO Newsletter; it is managed by MailChimp⁶, an online email marketing solution. The newsletter Subscription Form is available on the project website at <http://www.eo4geo.eu/newsletter/>.

A new dedicated template was designed and used for each newsletter issued in this second year, following the general corporate identity of the project.

The newsletter is composed of short and easy to read publications and news flashes on project activities, events and results, addressed to the wide target audience of the project. Links to more detailed information are also included, in case the receiver wishes to learn more.

The Newsletter is electronically edited and automatically sent to all members of the EO4GEO mailing list every six months. Each partner distributed the newsletter to its reference network in order to reach a wider panorama of stakeholders.

Apart from the mail distribution, the Newsletters are also available for download through the project web site at <http://www.eo4geo.eu/publications/>.

In this three years, six issues have been produced, plus a special issue in occasion of the BoK official release:

Newsletter No/Date	Contents
News 1 / April 2018	<ul style="list-style-type: none"> • Introduction from the EO4GEO Project Officer • About EO4GEO • Interviews to the European Commission • EO4GEO surveys • 1st EO4GEO Workshop
News 2 / October 2018	<ul style="list-style-type: none"> • What we achieved • EO4GEO at INSPIRE Conference 2018 • EO4GEO at the Copernicus Ecosystem Workshop • EO4GEO at the ESA Φ-week 2018 • EO4GEO Workshop in Patras • Good reads
News 3 / April 2019	<ul style="list-style-type: none"> • What we achieved • EO4GEO at the ESA Living Planet Symposium • EO Summit in Leuven supported by EO4GEO • Good Reads
News 4 / September 2019	<ul style="list-style-type: none"> • What we achieved • EO4GEO workshop in Nouvelle-Aquitaine and Brussels • EO4GEO workshop in Warsaw

⁶ <http://mailchimp.com/>



	<ul style="list-style-type: none">• EO4GEO at the ESA ϕ-Week 2019• Good reads• Trending picture
News 5 / March 2020	<ul style="list-style-type: none">• What we achieved• Knowledge exchange with other projects• New Associated Partners in the consortium• EO4GEO in conferences and events• Good reads• Trending topic
News 6 / September 2020	<ul style="list-style-type: none">• Announcement• Update on the project outcomes• New Associated Partner in the consortium• EO4GEO events and news• Good reads• Trending picture
Special issue: BoK released/ October 2020	<ul style="list-style-type: none">• Announcement of the BoK release• Body of Knowledge for Earth Observation and Geographic Information is publicly available! What you can expect from it?• Let's get started! How to view the released version 4.0 of the EO4GEO BoK?• The EO4GEO BoK software platform: towards exploitation of the Body of Knowledge• Become an EO4GEO expert and a BoK developer, and get acknowledged for it!



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We are happy to announce that the Body of Knowledge for Earth Observation (EO) and Geographic Information (GI) sector, short EO4GEO BoK, has been successfully published and is now publicly available!

The official BoK version can be viewed in the **BoK Visualization and Search** tool. The BoK can also be explored in the Living Textbook tool that is used by the BoK editors: **EO4GEO BoK working version V4.0** (more information in the first article of this newsletter).

The EO4GEO BoK is a work in progress. A new release is foreseen approximately every three months. Each new version of the EO4GEO BoK is also propagated to all **end-user tools** which ensures the compatibility of all EO4GEO BoK tools - forming an ecosystem - and allows the comparison of resources created in the tools. EO4GEO tools have been intensively tested by the consortium and associated members. However, you still have time to help us in improving the tools by answering our **survey**.

The articles in this newsletter provide you with all information about the BoK, how it is built, how it is used in an ecosystem of tools and how you can contribute to its development. Enjoy reading this newsletter and exploring the BoK!

The EO4GEO Project Team



The EO4GEO BoK software platform: towards exploitation of the Body of Knowledge

To unlock the vast knowledge captured in the Body of Knowledge (BoK) in practical (software) applications, the EO4GEO project offers the BoK software platform. It serves as a universal access point for use of the Body of Knowledge and provides online availability of the BoK, a uniform way to refer to and retrieve concepts from the BoK, programmatic access and default BoK-related software components. In doing so, the platform enables a plethora of uses of the BoK, ranging from integration with other BoKs or linked data sources, annotating resources with the BoK, to full-fledged BoK-based software development and application integration. [Link](#)

Become an EO4GEO expert and a BoK developer, and get acknowledged for it!

The development of the EO4GEO BoK is supported by a network of experts. Becoming a contributing expert is easy. Register online and contribute to the BoK within the BoK editor: the Living Textbook. With regular intervals, the BoK will be publicly released and its content will be available to all tools within the EO4GEO BoK platform. [Link](#)

Medium Twitter Website

Co-funded by the Erasmus+ Programme of the European Union

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Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).

Figure 7.1: Parts of the Special Issue: BoK released

7.1. Newsletter statistics

- Mailchimp Newsletter subscribers: 713 (with GDPR compliance)

The impact (visualisation) of the newsletter has been regularly evaluated both using Mailchimp's and bit.ly's monitoring systems (open rate, click rate, etc.).



Visualizations:

#1:	#2:	#3:	#4:	#5	#6	Special issue: BoK released	TOT
591	536	627	511	530	408	491	3694

The partners have been actively involved in the distribution of the newsletters, through their personal channels (mailing list, social media, etc.), and more than 12900 people were reached.

Should not mislead the difference between visualisation and distribution; in fact, the visualisations counted here are only those directly measurable by the tools in the hands of those who manage the EO4GEO website and Mailchimp, while the distribution concerns the total number of people to whom the partners have sent the newsletter (and we do not have a system to count how many times it has been viewed by these recipients)

8. Network of network

EO4GEO seeks to establish a result-oriented dialogue with key institutions, industry and stakeholders in order to contribute and discuss both the EO4GEO outcomes as well as the demands and needs of these communities.

The Networks -of- Networks helps establish and maintain lines of communication with stakeholders to share information and EO4GEO resources. The work of the Sector Skills Alliance is driven by a coordinated community management effort that, through the Network of Networks, supports in getting to know better other communities, finding out gaps and challenges concerning the sector skills development. The networking activity highlights the community expected to be engage with EO4GEO and coordinates with the communication strategy finding out the best ways to bring networks together and to use it for dissemination purposes. Aligned with the Sector Skills Strategy the Network of Networks will coordinate Networks interested in skills development enabling the Sector Skills Alliance coordination among existing networks and facilitating the exchange of information.

Building on the experience of EARSC (www.earsc.org), the Long-Term Action Plan elaborates a document describing the community building and management under the Work Package 6. To start building this network, we needed to define its requirements. This document (currently in process and lead by Climate-KIC) describes why EO4GEO needs this network of networks but also enables the project team to establish some priorities on engaging with new communities.

At the networking discussions, three levels of engagement have been identified:



1st level engagement: Actual partners >> encourage them to expand on the Network of Networks >> benefit from the expansion of the network (*getting to know other networks and communities, finding out gaps and challenges concerning the sector skills development...*)

2nd level of engagement: Experts for the Body of Knowledge / Advisory Board / Associated Partners >> have access to information on the project and its evolution; opportunity to share knowledge and integrate views in the Project

3rd level of engagement: the “multipliers”>> who is behind the different networks? These entities will need to understand the value of the skills development as key factors to sector (public/private) economic innovation, growth and competitiveness and be able to that message to their members/associates. The Associated Partners join a vibrant, collaborative sector skills ecosystem, and enjoy benefits such as access to information on the project evolution; the opportunity to share knowledge and the more efficient use of training resources. As contributors to the project, Associated Partners are also involved in the designing of the Long-Term Action Plan, and participate as observers in meetings during discussions relating to the project.

In the maintenance and expansion of the Network we have identified the communities, prepared key messages and developed a community building activity.

The following table describes how the community manager should adapt his communication to different groups depending on the action he wants groups to make. For example, stakeholders that have been identified as users do not need to provide most feedback as they are the groups benefiting the most from the outcomes for the project. The community manager will communicate to them more opportunities and encourage them to use the EOGEO materials. The stakeholders that have been identified as contributors will need a more personalized communication encouraging them to have a more active role in the alliance, making it much more time consuming in terms of communication work for the community manager.

Please note that this is not a “hard” categorization and there will always be exceptions and re-categorizing depending on the activities of the Alliance. This is just a starting point based on the current activities and the added value we can currently offer. (see ii graphic for the added value we can currently offer)



(i) The communities identified could be summarized here:

	Communication	Stakeholders categories (Community management purposes)
USERS	Corporate	Corporates: Small Medium Enterprise (SMEs)
		Corporates: Industry/Company (Large Enterprise)
	Expert	Individual Professional / Researcher
	Student	Student
CONTRIBUTORS	Education & Research	Academia/Education (<i>Education -all levels-, Academy Research, vocational and life-long learning</i>)
		Research centre – mainly public funded organisations
	Administration & Public Body	Associative and cooperation based organisations (<i>trade, clusters, NGOs, innovation orchestrators & networks, etc.</i>)
		International organizations (<i>inc. international law agreements (treaties) or multination governmental agreements</i>), Intergovernmental entities (<i>EUMETSAT, ESA</i>), etc
		Supranational entities (EU)
		Administration/Public Body: Local/ Regional
		Administration/Public Body: National (<i>such as National space agencies, education, research, employment ministries, etc</i>)

(ii) The expected messages are different between those communities:

Type	Messages
SME/ Industry/ Company	<ul style="list-style-type: none"> • Privileged early access to EO4GEO findings • Privileged access to the tools • Fantastic network to be part of your business is to you provide training courses/or you plan to have internal training programmes • Get recognition as an actor supporting skills • Get info to support your own skills initiative
Administration/ Public Body	<ul style="list-style-type: none"> • Contribute to the overall conversation and provide feedback • Be more aware of the subject matter to take better measures regarding education in these sectors, policies in general or even funding and boosting • Get recognition as an actor supporting skills • Get info to support your own skills initiative



Education & Research	<ul style="list-style-type: none"> • Collaborate with other important actors in the academic world • Contribute to EO4GEO's work • Get info to support and important information for your own academic work • Get recognition as an actor supporting skills
Individual expert	<ul style="list-style-type: none"> • Most of the time, it makes more sense for these individuals to join as experts, specifically for the BoK than being associated partners
Student	<ul style="list-style-type: none"> • Helping to find an internship (mobility programme information) • Understanding better their career opportunities and career evolution • Helping them with their PhD

(iii) The community building activity follows this process:

This virtuous circle (Figure 8.1) is a technique used in community building and management. It describes the goal of a community manager when setting up any communication/ community procedure. Its goal is to optimize the communication engagement and by extension, increase interest in the alliance activities. The figure below is the model to follow when the community manager engages stakeholders identified as contributors.

The virtuous circle goes as follow: (Staring with the text in red) The more the community manager actively takes care of the contributors, the more they contribute, the more they get rewards for contributing, the more they are happy and promote the alliance, the more people they convince to join, the newer stakeholder joins as well, the more contribution/ engagement we get

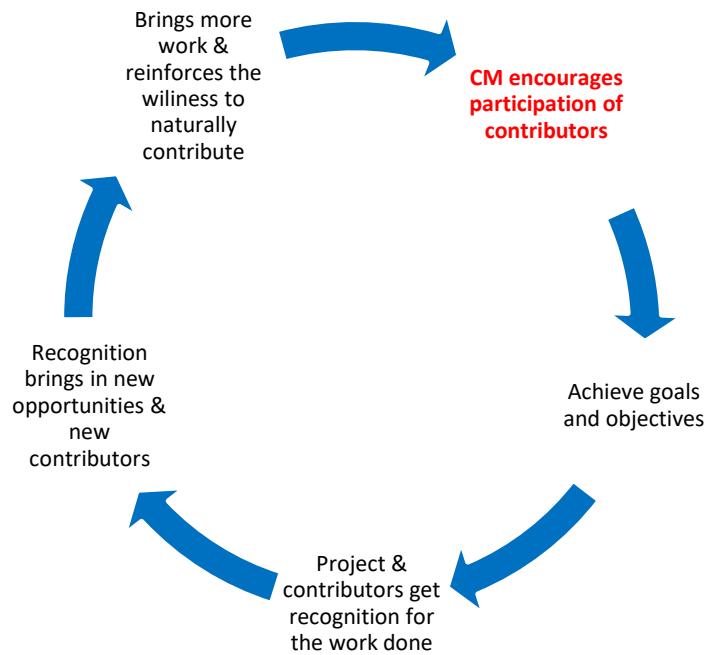


Figure 8.1: The virtuous circle

During 2020, we have been testing out some of these ideas with the existing associated members' community. Some examples of these activities were:

- contributing to the work of different EO4GEO work packages,
- organising local events,
- giving associated partners more visibility.

In 2021, we will continue to support Climate-KIC (lead of the WP6 on the Long-Term Action Plan) by testing out with associated partners engagement activities at local level.



9. Dissemination activities

In the next paragraphs of this chapter, the overall approach to the communication and dissemination activities done in 2020 by each partner is presented. The complete list of dissemination activities by each partner is provided in Annex I.

9.1. GISIG

GISIG, as EO4GEO Coordinator and as a European Association (Geographical Information Systems International Group) of around 60 partners on GI and GIS operating both at National and EU level in the transfer of innovation, research and training, actively contributed in the EO4GEO dissemination activities, by taking advantage from its long lasting experience in carrying out EU and networking projects, which makes available a great number of opportunities and contacts for dissemination towards GI and users communities.

Within the project, GISIG is responsible for:

- Website: <http://www.eo4geo.eu/>
- Workshops proceedings: <http://www.eo4geo.eu/workshops/>
- Newsletters: <http://www.eo4geo.eu/publications/>
- Poster: <http://www.eo4geo.eu/publications/>
- Leaflet: <http://www.eo4geo.eu/publications/>
- Roll-up: <http://www.eo4geo.eu/publications/>

Moreover, the GISIG website and social media are mainly followed by professionals in GIS and Earth Observation, as well as by other companies and institutions working in the same field.

Due to COVID crisis and the postponement of all the physical meetings, during the third year of the project GISIG carried out communication and dissemination activities of the EO4GEO project through the web in relation to meetings and events of projects coordinated or participated by the Association.

GISIG also co-organised the 2nd **EO Summit**, on 2-3 June 2020.

In the context of the Copernicus Community, GISIG participated and contributed in the following events and initiatives:

Copernicus Academy: as Member of the Copernicus Academy, GISIG participates in the monthly teleconference and the Copernicus Academy events, bringing the EO4GEO presence and contribution whenever relevant, as it was the case of the online Copernicus General Assembly on 24-25 November 2020.

Moreover, GISIG is an active member of the Italian Copernicus Academy, which closely collaborates with the Italian Copernicus User Forum, by bringing the EO4GEO contribution to support the Copernicus User uptake activity, also in the perspective of the EO4GEO National (Italian) roll-out.



EO4GEO dissemination is also exploited in the context of the H2020 **CopHub.AC** project, in particular regarding the “harvest” activities with EO4GEO, in the various CopHub.AC project events.

GISIG participated also to the online **INSPIRE Conference** in June 2020, with a workshop about Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus, focusing on vocabularies and ontologies that describe the geospatial and space fields; it also contributed to the preparation of the Poster for the **ESA EO Phi-week**, virtual event held on September 2020.

A paper for the next ASITA conference that will be in Genova in June 2021 has been presented. Despite the pandemic situation, GISIG will continue the dissemination and promotion of EO4GEO, in presence or virtually; the effort will be oriented to increase awareness and support for the project, especially in view of future developments after the project end.

9.2. **KU Leuven**

SADL sustained the dissemination efforts during 2020 and continued to participate in EO4GEO events, almost all of them as online meetings and virtual workshops. The progress of the EO4GEO project was displayed to networks SADL participates in, like OGC. The communication channels from SADL and KU Leuven were used for the same purpose. The focus of the communication is the same as in 2019, but as more and more practical output from the project became available, the message shifted towards actively explaining and promoting the use of these results (BoK and tools, EO learning tools).

SADL also contributed and published or participate in the publication of papers related to the Body of Knowledge.

- Hofer, B., Casteleyn, S., Aguilar-Moreno, E., Missoni-Steinbacherl, E-M., Albrecht, F., Lemmens, R., Lang, S., Albrecht, J., Stelmaszczuk-Gorska, M., Vancauwenberghe, G., Monfort-Muriach, A. (2020). Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective. *TRANSACTIONS IN GIS*, 24 (3), 587-601. doi: 10.1111/tgis.12628 Open Access
- Stelmaszczuk-Górska, M.A., Aguilar-Moreno, E., Casteleyn, S., Vandenbroucke, D., Miguel-Lago, M., Dubois, C., Lemmens, R., Vancauwenberghe, G., Olijslagers, M., Lang, S., Albrecht, F., Belgiu, M., Krieger, V., Jagdhuber, T., Fluhrer, A., Soja, M.J., Mouratidis, A., Persson, H.J., Colombo, R., Masiello, G. (2020). Body of Knowledge for the Earth Observation and Geo-information Sector – A Basis for Innovative Skills Development. Paper at the XXIV ISPRS Congress 2020, Commission V, WG V/1.

The main general dissemination channel is the SADL website, www.sadl.kuleuven.be. The website of Earth and Environmental Sciences, www.ees.kuleuven.be, is also available for postings and to reach out through their Newsletters. The newsletters were spread through the mailing lists from EES and its research groups (around 400 people). SADL also communicates about EO4GEO with partners in current and past projects, covering a wide network of public, private and academic organizations. Finally, but not less important, the communication channels from SADL related networks is used to reach a broader audience (OGC, EuroSDR, AGILE, other SADL projects such as SEED4NA, GEOBIZ, SPIDER, etc.)



In this third year of the project EO4GEO is becoming well known by our correspondents. Therefore, communication focused on:

- Participation and development of the Body of Knowledge;
- The tools in development within the EO4GEO project and the long term action plan;
- The added value of the BoK and related tools;
- The innovative learning methods in development.

During 2020 SADL have actively promoted EO4GEO in key GI/EO events like:

- Kick-off meetings of GEOBIZ, in Zagreb (4-6/02/2020) and SEED4NA, in Leuven (18-20/02/2020)EO4GEO results were presented during the **OGC Tc University DWG** in Ottawa (virtually, on 5/03/2020) and the virtual OGC Tc University DWG meeting on 14/09/2020. ;
- EO4GEO dissemination meetings & events took also place with colleagues from the US, mainly from UCGIS (Associated Member/Advisory Board): an intro to EO4GEO and a demo of the LTB (together with UTwente) on 18/02/2020; a presentation on BoK developments in the UCGIS Educational Committee on 27/02/2020 and 18/05/2020; a presentation during the 'Open Knowledge Network for Spatial Decision Support' Workshop on 4/03/2020; an interview conducted by Karen Kemp, President of UCGIS on the vision and plans of EO4GEO on 10/03/2020;
- Participating in and presenting EO4GEO during the "Workshop on **Education and Skills in the field of Space** and EU-funded research" on 21/04/2020;
- Participating in and contributing to the '**Eyes on Earth' Roadshow & 2nd Earth Observation Summit**: Round Table "Earth Observation Sector Education and Application for Future Jobs and Prospering Business" (2/06/2020); "EO*GI BoK, its concept and role in curriculum design" and "EO*GI BoK content, where does it lead us" (3/06/2020); and 'EO4GEO – Next steps" (3/06/2020);
- Joint **ELISE/EO4GEO** workshop "Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus" during the Virtual INSPIRE-2020 Conference (11/06/2020) presented the ontology-based approach for the BoK in the EO4GEO project;
- Dedicated interview delivered to a Thesis student of the University of Utrecht about the skills development approach of EO4GEO (17/07/2020);
- **Cope4BG2020** Conference: contribution on EO4GEO "Eo4GEO – bridging the skills gap between supply and demand of education and training in the EO/GI sector" in the session on "Copernicus – Challenges, Opportunities and Applications (28/07/2020);
- Co-author and co-presenter of the poster "EO4GEO" – Empowering space data users at the ESA Phi-week (virtual, 28/09/2020 – 02/10/2020)
- Participate in and contribute to the "Space Science for Societal Challenges" workshop, Session 5 – Space education, training and skills: "A contribution from the perspective of EO4GEO, the EO/GI Sector Skills Alliance" (23/10/2020).



The EO4GEO project was also promoted in other projects of SADL, e.g. **SEED4NA**; **GARMON**, **MijnTuinLab**, **ELISE** and the Geospatial training for the **SDI Standardization project** in Maputo.

Next year SADL will continue on the dissemination and promotion of the EO4GEO initiatives and to increase support for the project, to attract new assets or to enable other expertise's to benefit from our project.

9.3. **PLUS**

The **Department of Geoinformatics – Z_GIS** (www.zgis.at) at the Paris Lodron University of Salzburg (www.uni-salzburg.at) has competence in Earth Observation and Geoinformatics and integrates basic and applied research with graduate education and outreach activities. PLUS/Z_GIS is co-founder and member of the **Copernicus Academy** and is one of the recognized centres of excellence in global capacity building for GIS. Geoinformatics (GI) and Earth observation (EO) are established at Z_GIS as **trans-disciplinary** subjects beyond the constraints of traditional faculties and schools. As academic coordinator of the **ERASMUS+ Sector Skills Alliance project EO4GEO**, in 2020 we focused our dissemination and communication activities on capacity building for the project, communicating project outcomes and prospective outcomes and supporting the Copernicus user uptake in general. Exchange and cooperation with the **CopHub.AC** (www.cophub-ac.eu) project (coordinated by Z_GIS) and EO4GEO has been realized in this final year of CopHub.AC.

Since October 2019 Z_GIS also offers a European joint degree **Copernicus Master in Digital Earth**. An introduction the EO4GEO project and its aims was also provided to the upcoming students of the Copernicus Master in Digital Earth and Applied Geoinformatics Master to familiarize them with the opportunities of the project: tools, mobility offers, the EO*GI BoK.

For more than 25 years, Z_GIS has organized the leading GIS conference in German speaking countries (AGIT, www.agit.at), complemented since 2007 by the international symposium Geoinformatics Forum Salzburg (GI_ Forum, www.gi-forum.org). The event was also used in 2020 to promote EO4GEO and the Copernicus programme.

Overall approach:

After a common start in 2020, the Covid-19 situation had significant impact on face-to-face dissemination events. Dissemination activities therefore were shifted to foremost virtual means (virtual events, social media accounts) as well as publication activities. Besides the virtual endeavours, one focus was to introduce (new) students at the department to the EO4GEO project, its aims, tools (especially the BoK with connection to teaching at the Z_GIS) and its prospective outcomes. Thus, a new generation of EO*GI-workers were familiarized with the content at an early stage.

Communication capacities:

- Z_GIS' Social Media outlets showcase the department's activities. An overview can be found at https://zgis.at/social_media_newsroom/
- On the Facebook-Page **Interfaculty Department of Geoinformatics – ZGIS**, EO4GEO posts are shared amongst the followers of the page. The posts include announcements and



retrospectives on EO4GEO activities, like the 2nd EO Summit in Zagreb, the Phi-Week poster session, the EO4GEO newsletters, general information

- The ZGIS-Twitter Account is used to retweet EO4GEO tweets (by @EO4GEOtalks)

Organisation of and participation in conference sessions, summer schools and workshops in the context of the EO4GEO project for the year 2020:

- 12/02/2020 Invited Talk with Barbara Hofer on “Curriculum Design for Earth Observation and Geoinformation – Considering Demand and Trends” at the University of Tartu, Estonia
- 01/06/2020 – 08/06/2020 Virtual Summerschool “Geobia for the operational service challenge” hosted in Salzburg, Austria. The summer school built on EO4GEO intermediate results concerning conceptualization of training material and linkage of learning outcomes with BoK concepts that were emphasized in presentations by Stefan Lang. <https://obia.zgis.at/geobia-summer-school-2020/>
- 08/07/2020 Round table at the GI-Week Salzburg, Austria, with Stefan Lang on the topic “EO in action: connecting academia, businesses and administrations” https://agit.at/wp-content/uploads/2020/07/GI_Week-Programm-2020_D.pdf
- 28/09/2020 ESA EO Phi-Week Stefan Lang (amongst other partners) contributed with a poster presentation on EO4GEO outcomes https://www.youtube.com/watch?v=VBvAh_c0ujo
- 05/11/2020 CopHub.AC final dissemination event: “A hitchhiker’s to digitalization in Europe – the detour through space”
- 25/11/2020 General Assembly of the Copernicus Academy – virtual booth, contribution of Stefan Lang
- 07/12/2020 at the European Space Week Stefan Lang provided insights into the EO4GEO perspective at the networking table

Publication activities:

- Barbara Hofer, Sven Casteleyn, Estefanía Aguilar-Moreno, Eva-Maria Missoni-Steinbacher, Florian Albrecht, Rob Lemmens, Stefan lang, Jochen Albrecht, Martyna Stelmaszczuk-Górska, Glenn Vancauwenberghe, Aida Monfort-Muriach (2020). “Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective” Transactions in GIS published by John Wiley & Sons Ltd
- Stelmaszczuk-Górska, M., E. Aguilar-Morena, S. Castelyn, D. Vandenbroucke, M. Miguel-Lago, C. Dubois, R. Lemmens, G. Vancauwenberghe, M. Olijslagers, S. Lang, F. Albrecht, M. Belgiu, V. Krieger, T. Jagdhuber, A. Fluhrer, M. J. Soja, A. Mouratidis, H. J. Persson, R. Colombo and G. Masiello (2020). "Body of knowledge for the Earth observation and geoinformation sector - a basis for innovative skills development." International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences XLIII-B5-2020: 15-22.

Brief assessment

- Covid-19 caused cancellation of some events that would have offered dissemination opportunities; some of these events have been shifted to 2021. In addition, dissemination



activities in virtual events are of a different nature than in physical events. That is illustrated by the focus on dedicated talks and presentations rather than presence at events with a booth and similar.

- Dissemination via virtual channels was based on the platforms twitter (Z_GIS-Account and MSc_CDE) and Facebook, either by retweeting posts of @EO4GEOtalks, or by publishing own posts. Although the scope of followers comprise about 2000 people in total, direct reactions (likes, comments) were few on the posts.
- The dissemination via publications was successfully continued in 2020, as implications due to the Covid-19 situation are negligible.

Planned event activities 2021

- GI_Forum/AGIT 2021 symposia Salzburg, Austria: the successful conference series will be continued in 2021 and serve as outlet for information to the German-speaking as well as international EO*GI community about results of the project.
- A training activity on a topic concerning user uptake in the Earth observation context is planned for the ISDE 2021 conference <https://digitalearth2021.org/>. This training activity is supposed to make use of EO4GEO training material and test the developed framework for the organization of training actions.
- A summer school on specialized methods for Earth observation targeting graduate students and young professional is planned to be organized in 2021. The summer school will build on the innovative training material developed in EO4GEO and also disseminate achievements of the project.

9.4. *UJI*

During 2020, UJI (P4) actively used social media channels (@geotecUJI – 619 followers) to retweet #EO4GEO key messages from consortium partners or create our own tweets about the project (t.ly/4ynz) as well. We circulated EO4GEO newsletters to our network of contacts and through Spanish discussion lists. We continued publishing posts on GEOTEC's website (<http://geotec.uji.es/tag/eo4geo/>) and intensively contributed to EO4GEO Medium channel with a set of publications related to the tools and BoK. Before the release of the tools we started announcing the functionalities tools will have with the entries: "EO4GEO ecosystem of tools for educators and practitioners" (March 20) (t.ly/8UZy) and "Evolution of EO4GEO ecosystem of tools: beyond sector expectations" (Sep 20) (t.ly/AcqR). In October, on the occasion of the release of the EO4GEO ecosystem of tools we contributed to Medium with: "The EO4GEO BoK software platform: towards exploitation of the Body of Knowledge" (t.ly/lxvC), "Become an EO4GEO expert, contribute and be acknowledged as BoK developer!" (t.ly/cKQr) and "Body of Knowledge for Earth Observation and Geographic Information is publicly available! — What you can expect from it?" (t.ly/1CSu).

UJI contributed to the communication strategy and the EO4GEO website design regarding the EO4GEO tools (<http://www.eo4geo.eu/tools/>) and EO4GEO BoK (<http://www.eo4geo.eu/bok>)



We were particularly active on the dissemination of the training action held at UJI (T5.3) “Observing from space: agriculture and environment” virtually performed on November 18th, by posting about it on Twitter (t.ly/xBTv), creating a blogpost in our website (t.ly/iOef).

In 2020, because of the COVID 19, it was impossible to UJI to deliver leaflets or material from the project extensively, and the only chance we had for introducing the EO4GEO project was during an Erasmus+ workshop organised at UJI (Feb 20) (t.ly/Zsu3). However, starting from the EO Summit (June 20) (t.ly/8o5o ; t.ly/7fJR), UJI personnel attended several virtual conferences, with a prominent role in each of them, since the EO4GEO ecosystem of innovative tools and EO4GEO software BoK platform were introduced.

We contributed to

- the INSPIRE conference, Session: EO4GEO/ELISE Vocabularies Workshop: Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus (June 20) (t.ly/fw7i);
- ESA PHI week e-poster session: the EO/GI Body of Knowledge, the ecosystem of software tools and the courses (Sep 20) (t.ly/VOK7);
- NEREUS Session: EO4GEO skills development in Earth Observation and Copernicus user uptake: tools for EO4GEO regional roll-out and EARSC EO Cafe: Skills are key for the future (Oct 20) (t.ly/qQHV).

Last November we attended the ONLINE - General Assembly of the Copernicus networks (t.ly/4bFS) supporting the EO4GEO booth and networking table.

Other actions performed were a contribution to a paper presented at the ESRI Conference 2020 (Jul 20) and an associated paper publication in Transactions of GIS “Complementing the European Earth Observation and Geographic Information Body of Knowledge with a Business-oriented Perspective” (<http://dx.doi.org/10.1111/tgis.12628>). And a contribution to the ISPRS congress (Aug 20) “Body of knowledge for the Earth observation and geoinformation sector – A basis for innovative skills development” (<https://doi.org/10.5194/isprs-archives-XLIII-B5-2020-15-2020>).

For 2021, our plan is to continue with similar (virtual) communication activities as for 2020, and participate in as many conferences or events we have the chance to present EO4GEO tools. As first action we will participate in the next EO4GEO workshop “EO4GEO – Skills development in Earth Observation and Copernicus User Uptake: the present and future of Coastal and Maritime sector- The Azorean case” that will take place in The Azores next July 2021 (t.ly/oWe1). For the time being, we have just identified AGILE Conference 2021 as a virtual event to attend, but we are waiting for the pandemics evolution to decide over other conferences. Now, that tools are stable we also plan to publish a technical paper about them.

9.5. GEOF

In 2020 GEOF has promoted EO4GEO in the wider community either organizing events/conferences or presenting at events/conferences as follows:

- Under the Croatian Presidency of the European Union – European Commission, Space Working party meeting on January 8th, 2020; Brussel, Belgium with presentation: "Earth



Observation & Geoinformatics – new businesses, new jobs, new professions" Željko Bačić and Vesna Poslončec Petrić, Faculty of Geodesy - Copernicus Relay i Copernicus Academy (presentation attached)

- "Space powering the Green Deal and the Digital Economy"; Zagreb, Croatia
- "Earth Art exhibition" - Faculty of Electrical Engineering and Computing; Zagreb, Croatia
- 2nd Earth Observation Summit and 5th Eyes on Earth roadshow; Zagreb, Croatia (organizers, 899 participants worldwide (primarily Europewide)
- World space week Croatia "Satellites improve life 2020", Željko Bačić lecture for students of Mathematical Gymnasium in Zagreb on October 7th, 2020 (presentation attached).

For example, we announced and provide link to EO4GEO Newsletter in GEOBIZ project Newsletters No. 1 and 3 released in May and October 2020 (attached) and we disseminated announcements for 2nd EO Summit to partners on all projects we are involved in.

Also, EO4GEO was promoted through GEOF project networks, where we especially emphasize:

- Erasmus+ CBHE Western Balkans Academic Education Evolution and Professional's Sustainable Training for Spatial Data Infrastructures project – GEOBIZ (www.geobiz.eu) (together with KU Leuven and NOVOGIT)
- Erasmus+ CBHE SDI and EO Education and Training for North Africa – SEED4NA www.seed4na.eu (together with KU Leuven and NOVOGIT)
- Erasmus+ CBHE University Network for Disaster Risk Reduction in Indian Ocean Rim <https://www.un4dr.com/>
- Erasmus+ Spider: Open Spatial Data Infrastructure Education Network (<https://sdispider.eu>) and
- Twinning Open Data Operational project (<https://todo-project.eu/>) (together with KU Leuven).

We want specially to emphasize the activities during the preparation and realization 2nd Earth Observation Summit and Eyes of Earth Road Show (June 2nd – 3rd 2020) (www.eosummit-zagreb.eu). Conference 2nd EO Summit was conference organized jointly by Copernicus Academy and Copernicus Relay team of the Faculty of Geodesy, Erasmus+ Sector Skills Alliance project EO4GEO, Ministry of Science and Education of Croatia and supported by European Commission DG DEFIS. The Summit was official even of the Croatian Presidency of the Council of European Union. The event was jointly organized with 5th Eyes on Earth Roadshow (EC DF DEFIS and DG EASME projects) organized by consortia of companies from The Netherlands. Contributors to the event were several companies and ministries from Croatia as well as REA and GSA (we organized special sessions for them).

Preparing 2nd EO Summit we have appeared twice in national television and on radio promoting event and EO4GEO project.

The event took place on June 2nd and 3rd IN ONLINE mode due to Covid-19 pandemic, attended 899 participants, which realized 2.640 entries. Information about the event is available on following web page: <http://www.eo4geo.eu/online-2nd-earth-observation-summit/>.



Further, in cooperation with EC DG DEFIS we have organized exhibition of Copernicus satellite images of the Earth named "Earth Art exhibition" in the period from March 13th - 28th 2020 in the aula of University of Zagreb Faculty of Electrotechnical engineering and Computing. The idea was to support FERSAT conference and announce 2nd EO Summit. Unfortunately, on March 15th partial lockdown started in Croatia and on March 22nd Zagreb was hit by strong earthquake. Therefore, exhibition did not achieve expected impact.

Also, we informed the wider professional public in Croatia and the Western Balkans region about EO4GEO project activities through our e-newsletter "Svemirski žurnal" (Space journal) no 71 – 78 (released bimonthly on some 2.000 addresses), and via social network (FB @svemirski.zurnal1) with 839 followers.

In 2021, GEOF will continue actively to participate in EO4GEO events and conferences. The progress of the EO4GEO project will be displayed to GEOF networks (web-pages Faculty of Geodesy and our project community. The communication channels from GEOF will be used for the same purpose.

9.6. UPAT

UPAT had planned the dissemination of EO4GEO results and activities via a bouquet of activities in 2020, but due to COVID-19 restriction measures, they were cancelled. However, there was a presentation in a EO4GEO event and 2 press releases.

Laboratory of Atmospheric Physics - University of Patras (LAPUP) maintains a website (www.atmosphere-upatras.gr) as well as a Facebook page. The target audience includes the University staff and students as well as stakeholders and citizens interested about atmospheric sciences, climate change, weather and air quality.

During 2020, EO4GEO objectives and targets have been presented in one event. More specifically, the scope and outcomes of Work Package 5 as well as the developed tools gained a lot of attraction and many questions were answered about the expected dates and types of the deliverables. Moreover, the dissemination via the newsletters and social media received better attention than previous year.

The expected dissemination activities for 2021 include the presentation of EO4GEO in one event (during the first 6 months, more will be planned for the 2nd semester), as well as a presentation at forthcoming conferences. Moreover, all new dissemination material and events will be noticed at LAPUP multimedia channels.

9.7. FSU-EO

Department for Earth Observation at the Friedrich-Schiller-University Jena (FSU-EO) in 2020 focused on further disseminating the project's results and activities and thus on further developing the EO4GEO network of experts and the EO4GEO BoK development. Due to the COVID-19 pandemic, the participation in dissemination activities was reduced comparing to previous years and mainly related to participation in virtual events and publication of open-access research papers and articles for general public.



The general information about the project is published on the FSU-EO website (EO4GEO@FSU-EO). The information on the project's activities (e.g., newsletters, release of the EO4GEO Body of Knowledge) was distributed using e-mail communication and the media channels (currently approx. 800 recipients and followers): Twitter account ([@JEOS_Jena](https://twitter.com/JEOS_Jena)), Facebook account ([Jena Earth Observation School](https://www.facebook.com/JenaEarthObservationSchool)) and LinkedIn account ([Jena Earth Observation School](https://www.linkedin.com/company/jena-earth-observation-school)). Moreover, the project was presented and promoted at one face-to-face and three virtual scientific/dissemination events: [GeoMonitoring 2020](#) in Braunschweig, Germany (12-13. 03.2020), [XXIV ISPRS Congress International Society for Photogrammetry and Remote Sensing](#) (online, 31.08-02.09.2020), [dedicated EO4GEO webinar](#) (online, 20.10.2020), and SAR Capacity Building event "To SAR or not to SAR" (19.11.2020).

Furthermore, FSU-EO co-authored the following four publications:

Hofer, B, Casteleyn, S, Aguilar-Moreno, E, et al. Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective. Transactions in GIS. 2020; 24: 587– 601. <https://doi.org/10.1111/tgis.12628>

Stelmaszczuk-Górska, M. A., Aguilar-Moreno, E., Casteleyn, S., Vandenbroucke, D., Miguel-Lago, M., Dubois, C., Lemmens, R., Vancauwenberghe, G., Olijslagers, M., Lang, S., Albrecht, F., Belgiu, M., Krieger, V., Jagdhuber, T., Fluhrer, A., Soja, M. J., Mouratidis, A., Persson, H. J., Colombo, R., and Masiello, G.: BODY OF KNOWLEDGE FOR THE EARTH OBSERVATION AND GEOINFORMATION SECTOR – A BASIS FOR INNOVATIVE SKILLS DEVELOPMENT, Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLIII-B5-2020, 15–22, <https://doi.org/10.5194/isprs-archives-XLIII-B5-2020-15-2020>, 2020.

Stelmaszczuk-Górska, M. & Olijslagers, M. (2020). Toward the release of the Body of Knowledge for Earth Observation & Geographic Information sector. In EO4GEO Newsletter. Retrieved from: <https://eo4geo.medium.com/toward-the-release-of-the-body-of-knowledge-for-earth-observation-geographic-information-sector-bccd1565781>

Special issue of EO4GEO Newsletter, available at: <https://mailchi.mp/09fe2fd56be3/eo4geo-bok-newsletter>

Using mentioned communication channels, the audience from academia and industry has been reached. All the activities resulted in the increased awareness of the EO4GEO project in Europe and beyond. Direct contacts with selected scientists from academia and industry have resulted in active participation in EO4GEO activities, such as the EO4GEO BoK development.

In 2021, further dissemination activities are planned. In addition to the communication channels used, an abstract and a paper for the International Society for Photogrammetry and Remote Sensing Congress will be prepared and submitted. The EO4GEO project and its results will be also promoted at other scientific and non-scientific events, face-to-face or virtually depending on the pandemic situation.

9.8. *UT-ITC*

ITC continues to use the following channels for dissemination activities:

- Website: <https://www.itc.nl/>, <https://www.utwente.nl/>,



- Facebook: <https://nl-nl.facebook.com/ITC.UTwente/>,
- Twitter channels: a.o. <https://twitter.com/libitc?lang=en>, <https://twitter.com/ITCAumni>
- ITC Newsletter, <https://www.utoday.nl/>

ITC is developing the Living Textbook tool to create, edit and host concepts in the EO4GEO Body of Knowledge. ITC is using and promoting this tool as a means in education and research during many opportunities and often uses the EO4GEO BoK as a showcase. Examples are the Smart Emission 2 project <https://www.nwo.nl/en/research-and-results/research-projects/i/78/33578.html> and the SEFI 48th Annual Conference <https://vimeo.com/466194236/af102ed924> .

In 2020 a general landing page has been created for the Living Textbook:

<https://www.itc.nl/about-itc/organization/resources-facilities/living-textbook/>

ITC had major contribution in the following EO4GEO dissemination activities:

- INSPIRE conference, Session: EO4GEO/ELISE Vocabularies Workshop: Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus (June 20) <https://inspire.ec.europa.eu/conference2020>
- NEREUS Webinar 20 Oct 2020: Living Textbook tool by Rob Lemmens (University of Twente) - <https://www.youtube.com/watch?v=J0koEK2Jf1w>

Publication activities:

- Barbara Hofer, Sven Casteleyn, Estefanía Aguilar-Moreno, Eva-Maria Missoni-Steinbacher, Florian Albrecht, Rob Lemmens, Stefan lang, Jochen Albrecht, Martyna Stelmaszczuk-Górska, Glenn Vancauwenberghe, Aida Monfort-Muriach (2020). "Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective" Transactions in GIS published by John Wiley & Sons Ltd
- Stelmaszczuk-Górska, M., E. Aguilar-Morena, S. Castelyn, D. Vandenbroucke, M. Miguel-Lago, C. Dubois, R. Lemmens, G. Vancauwenberghe, M. Olijslagers, S. Lang, F. Albrecht, M. Belgiu, V. Krieger, T. Jagdhuber, A. Fluhrer, M. J. Soja, A. Mouratidis, H. J. Persson, R. Colombo and G. Masiello (2020). "Body of knowledge for the Earth observation and geoinformation sector - a basis for innovative skills development." International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences XLIII-B5-2020: 15-22.
- Special issue of EO4GEO Newsletter, available at: <https://mailchi.mp/09fe2fd56be3/eo4geo-bok-newsletter>

Planned event activities 2021

The Living Textbook will be launched as a generic platform on 28 January 2021. More information will be published here: <https://www.itc.nl/about-itc/organization/resources-facilities/living-textbook/>



A contribution will be made to the EO4GEO workshop: EO.GI skills development in the Azorean maritime/coastal sector, 2 July 2021

9.9. UNIBAS

UNIBAS continued to use social media channels to disseminate its activities and share knowledge. Communication channels currently active are the official UNIBAS website (i.e. www.unibas.it) and social media profiles such as Twitter: @UniBasilicata, Facebook: www.facebook.com/UniBasilicata, Instagram: www.instagram.com/uni_basilicata, and YouTube: www.youtube.com/user/UniBasilicata, through which it has been possible to continuously update on all the initiatives, goals, scientific contents promoted and achieved through the project.

Despite of these new generation way of sharing, the more successful mean of communication within the institution is the people themselves. Engineering School at UNIBAS can boast a staff of teachers and researchers, expert in space technologies, well recognized and internationally esteemed by the entire scientific community: their lessons, seminars and participation to meetings and conferences, are the most important part of UNIBAS dissemination capacity.

During this 2020 Covid pandemic time these two ways of communication joined together to reach all the students and people interested in the scientific world to bring knowledge directly in their houses.

UNIBAS audience is heterogeneous, from students (during lesson, seminars, orientation activities in high schools, initiatives toward) to high academic (and research) positions, public administrations and private company technical management and staff.

The EO4GEO project dissemination through the above-described channels has been briefly described below:

- May 6th 2020: UNIBAS presented the EO4GEO project at “Geophysical Union (EGU) 2020 General Assembly”. An abstract reporting our experience during EO4GEO project was presented and shared - during the “Geoscience educational research” session - with others international experts in the field.
- June 24th 2020: UNIBAS organized the annual event “The Copernicus young Ambassador day”, this year switched in virtual mode (live streaming on UNIBAS official YouTube channel) due to the pandemic situation. During this event students attending the academic course on “Remote Sensing of Environment” are invited to present to an audience of researchers and professionals of SMEs and public administrations, their Copernicus Solutions in several field of possible applications. This was a good occasion for students to demonstrate their attitude and expertise in remote sensing applications and for UNIBAS to establish a direct link with potential Copernicus end-users. The objectives were several: a) for SMEs and LPAs, to be informed about the potential of Copernicus applications and skills already available close to them; b) for students, to directly meet their potential employers; c) for UNIBAS researchers to collect specific end-user needs in order to better focus its research and innovation activities. In this fruitful occasion a time-slot has been dedicated to present EO4GEO project to all the public remotely connected to the event. Moreover, the video of the event was shared by e-mail with the stakeholders participating to the initiative with the invitation to further disseminate it within their organization and potentially interested co-workers.



- December 7th 2020: UNIBAS shared its experience within the EO4GEO project at the “American Geophysical Union (AGU) 2020 - Fall meeting” during the Education session “Enhancing Earth Science Educational Experiences Beyond the Classroom Walls II”, this year in virtual mode. The presentation (specifically dedicated to the education issues during the COVID-19) and relative discussion was joined by a lot of academic teachers and generic public interested in and coming from all over the world.

Unfortunately, this year the pandemic situation and the related travel restriction did not allow to attend other events, most of which was cancelled or postponed to next year with a reduction of occasions to directly share ideas. However, even if the events as the ones above described were all switched to virtual mode, this allowed to put a wider scientific and academic community in contact thanks to the lower costs of participation, generating a lot of recorded materials whose fruition remains available also after the events and for a wider audience (including people non participating “live” to them). It is difficult to evaluate how much such positive aspects limited the negative impact of the pandemic period on a communication plan largely based on face-to-face meeting and discussions. Surely, they required even major efforts and the involvement of additional experts for efficiently change in remote mode what was planned in presence.

In 2021 further dissemination activities are planned within the most important international conferences hosting dedicated EDU session (e.g. EGU2021 and AGU2021). Dissemination toward students, Public Institutions, SMEs and all the people interested in, will continue through the event “The Copernicus young Ambassador day” (June 2021) organized annually by UNIBAS.

9.10. IGiK

IGiK proposed to organise the EO Education thematic session at the 40th EARSel Symposium that was initially planned for September 2020 but due to the COVID situation, was postponed to 7-10 June 2021. IGiK, in cooperation with FSU-EO, prepared a short description of the thematic session. Within this session a GeoInformation and Earth Observation EO4GEO Body of Knowledge for the purpose of curriculum and job profiles development will be presented and discussed including hands-on activities. More information on: <http://symposium.earsel.org/40th-symposium-Warszaw/topics/>

IGiK contributed to the preparation of the EO4GEO Newsletter dedicated to the BoK release (section on the experts’ statistics).

IGiK distributed the information on the release of the EO4GEO Newsletters to the experts registered in the EO4GEO database (maintained and managed by IGiK). An email on the release of Newsletter no 5 reached 105 experts (email sent on 2 April 2020). The information on the release of the Newsletter no 6 was reached 246 experts (email sent on 9 October 2020). The information on the Newsletter dedicated to BoK release reached 256 experts (email sent on 11 November 2020).

Commitment for 2021:

- Distribution of information on the upcoming EO4GEO Newsletters to the experts registered in the EO4GEO expert database;
- Organising the EO Education thematic session at the 40th EARSel Symposium, which take place 7-10 June 2021 in Warsaw.



9.11. Planetek

In 2020 Planetek used social media channels to retweet @EO4GEOTalks messages and promote company activities through the channel. Also, the social media of Planetek (Linkedin, Twitter, Facebook) has been used to promote the EO4GEO project events.

Participation to the following webinars:

- NEREUS Webinar Tools for EO4GEO regional roll-out (20th October 2020)
- EARSC webinar Skills are key for the future (22nd October 2020)

The webinar organized by EARSC was an interesting opportunity to discuss about the requirements and policies of the HR departments and to compare the tools developed in the project with the existing platforms, tools and procedures.

Planetek organizes the periodic podcast Occhio alla Terra (<https://www.facebook.com/groups/652392692225557>). Today the podcast has 399 members. In each event a theme related to EO and satellite is discussed with ah. Giorgio Saio was the host of the event of 7 December 2020 dedicated to the EO4GEO project and the geospatial careers.

Planetek dissemination activities have not been impacted by the Covid 19 crisis, since they take advantage of online channels. Planned events in presence was converted in online events.

9.12. EPSIT

Apart from the company website (only in EN), EPSIT's main communication channels are:

- twitter:
 - Epsilon Italia account (IT/EN)
 - smeSpire account (EN). SmeSpire is an informal network (500+) of European geomatics SMEs, with a minority consisting of Public Authorities, HEIs, freelancers involved in geomatics
- Geomedia newsletter (IT), managed by GEOforALL, the most popular editorial Italian organization in geomatics.

The consolidated target audiences are European organizations (public and private) involved in geomatics.

Geomedia newsletters are sent to 5000 Italian stakeholders involved in the geomatic sector.

EPSIT dissemination activities have not been impacted by the Covid 19 crisis, since they take advantage of online channels and are not based on physical events.

For 2021 EPSIT wishes to increase the number of news published. Moreover, EPSIT will contribute to spreading the word on EO4GEO by cross-fertilizing the project results in the various technical/organizational contexts in which the company is involved (JRC, EEA, DG-ENV, Boards of other projects).



9.13. GIB

During 2020 GIB has communicated the EO4GEO project mainly within existing networks and ongoing projects that in some way have interest in GIS and EO competence and development.

GIB is promoting EO4GEO through the company website <https://www.geografiskainformationsbyran.se/>

During 2020 GIB had planned several dissemination activities e.g.;

- Presentation at Kartdagarna which is a conference with a strong user community focus.
- Workshops with municipalities on Green infrastructure during the fall of 2020

Unfortunately, these opportunities were lost due to the COVID situation.

GIB is currently promoting the EO4GEO project whenever the context is right in contact with customers and stakeholders in business meetings. During the work with the training actions in WP5, GIB has presented the project to stakeholders at the City of Stockholm.

Some of the dissemination activities that were cancelled in 2020, will be optionally be made in 2021, if restrictions are withdrawn.

9.14. Spatial Services

In 2020 it was possible to present EO4GEO at five different occasions. Just the first one in Manila, Philippines could be held physically; the others had to be done in a virtual mode due to worldwide Covid-19 restrictions. Opportunities to present EO4GEO were rare last year because many events didn't take place at all or could only be held in a reduced virtual format. Most of our dissemination activities referred to Copernicus events where the project could be presented. The audience was diverse but with a majority of people from Academia. Number of attendees for each event were not taken. For 2021, Spatial Services expects to have more physical meetings but it is not foreseeable how the Covid-19 situation will go on this year. We expect to have more virtual events where EO4GEO can be presented. Events that didn't take place in 2020 could return in a (semi-) virtual form, why we expect to present EO4GEO more often in 2021 than we could in 2020.

9.15. EIT CLIMATE-KIC

This year has changed the dynamic in which we participated in events. The sanitary crisis brought by COVID-19 made the attendance of face-to-face meetings and events undesirable and inconvenient. This situation forced us to attend only virtual events for most of the year. These changes have come with its advantages and some significant drawbacks. The transition to online events and the additional time available in the office/home allowed us to attend more events throughout the year. On the other hand, the interaction with stakeholders has been substantially affected as online meetings do not yet offer meaningful opportunities for networking. Face-to-face meetings were ideal places for engaging with a whole range of stakeholders and have the opportunity to explain in detail the main objectives of EO4GEO and evaluate opportunities for collaboration.



We present below some of the main activities and events in which we were able to promote EO4GEO:

- **Space Science for Societal Challenges** – This workshop was co-organised by the H2020 projects, Our Space Our Future and SpaceEU. EIT Climate-KIC is a member of Our Space Our Future. During the workshop we discussed the potential creation of a Knowledge and Innovation Community (KIC) dedicated to space “Space KIC” as an example of a structure that supports sharing of knowledge, expertise, and opportunities. KICs are pan-European partnerships created under the European Institute of Innovation and Technology (EIT) that bring together industry, policy, research and education to harness research and entrepreneurship to address societal challenges, create quality jobs and grow the sector. In addition, two members of the EO4GEO consortium (KU Leuven and EARSC) were invited to talk about two very relevant topics for the project:
 - The future of space industry ecosystem (EARSC)
 - Space education, training, and skills (KU Leuven)
- **Copernicus Academy monthly calls** – EIT Climate-KIC consistently attended the Copernicus academy members calls. The calls allowed us to interact with other members of the community and request support for specific activities within EO4GEO such as testing of the tools and contributions to the Body of Knowledge.
- **Calls with large enterprises and SMEs** – We are often approached by large companies and small and medium enterprises that were looking for opportunities to collaborate. One of the main elements present during the calls was the opportunity to engage with EO4GEO as an associated partner or through the testing of some of our project outcomes. These interactions have been very successful as some of the organisations we talked to become associated partners of the project.
- **Space and geospatial events** – We attended a large number of virtual events throughout 2020. The list is too extensive to be mentioned in this report. What can be highlighted is that by attending those webinars and meetings we were able to identify relevant stakeholders for EO4GEO which were contacted directly after the events.

Social media – The use of social media continues to be a dynamic tool to reach many organisations and individuals. Our dissemination efforts through social media have focused on two specific platforms, Twitter and LinkedIn.

- Twitter
 - Promotion of newsletters
 - Promotion of Medium articles
 - Specific outreach to key stakeholders
- LinkedIn
 - Promotion of newsletters
 - Promotion of Medium articles
 - Dissemination of more technical information from the project



As a conclusion we can state that despite the challenges brought by COVID-19, EIT Climate-KIC managed to engage many organisations and individuals with special emphasis on developing collaboration around the long-term sustainability of the project.

9.16. EARSC

In 2020, EARSC contributed and sustained the communication and dissemination efforts continued to participate in EO4GEO events, almost of them as online meetings and virtual workshops. EARSC as an established association offers a consolidated platform for communication and dissemination purposes to EO4GEO.

More concretely:

- provided the EO4GEO communication team with interviews made with associated partners. See those at the medium channel (<https://eo4geo.medium.com/>)
- disseminated all relevant EO4GEO news to our EARSC membership internal portal (>130 members) but also through our website (www.earsc.org) and community portal (<https://earsc-portal.eu/display/EOwiki/Develop+your+Knowledge+on+Earth+Observation>)
- circulated eo4geo news through our social media channels (over 6000 Followers) Twitter and LinkedIn
- specifically, prepared and online webinar: EOcafe on skills development where more than 65 attendees from the EO industry attended (<https://earsc.org/2020/10/14/eocafe-skills-are-key-for-the-future/>) to discuss the requirements and policies of the HR departments and to compare the tools developed in the project with the existing platforms, tools and procedures. The dissemination of the recording was over the 120 registrations.
- dedicated news included in EARSC internal monthly report about the EO4GEO status (emailing of 260 people)
- dedicated information on the Body of Knowledge was publicly available to the Yammer platform.
- EARSC participated and contributed to the DG DEFIS online workshop on Impact of COVID-19 Pandemic on European Aerospace and Defence Ecosystem from 8 to 9 July 2020 where presented the EO4GEO project.
- Injected a question in our yearly survey on skills development making awareness on the EO4GEO project. At the same time EARSC developed a survey on the impacts of COVID-19 on the sector – This survey investigated how the EO/GI industry (mainly EARSC members) has reacted to the current COVID-19 crisis. As a summary, the survey shows that the sector is performing well even though merges are expected due to some smaller companies running out of funds for operation.

We plan on continuing our communication and disseminating efforts in 2021 the same way we have in 2020. A special focus will be in disseminating the training opportunities provided by the project.



9.17. ROSA

During 2020 working time, ROSA has disseminated EO4GEO information and news through ROSA's website, www.rosa.ro, having a dedicated page for the project <http://www.rosa.ro/index.php/en/cercetare/proiecte-internationale/149-erasmus/2900-eo4geo> and through online interactions.

The EO4GEO project dissemination will be briefly described below:

- it was continuously updated the project page on ROSA's website and facebook dedicated page, adding the newsletter information, the Body of Knowledge version which become publicly available, webinar dissemination, conference attendance.
- The 2nd and 3rd of June was dedicated to Online Copernicus 'Eye on Earth' Roadshow and 2nd EO4GEO Summit, having the presentation on '*Business processes and occupational profiles – the basis for academic curricula development*'.
- In April, it was intended to organize the same Copernicus 'Eye on Earth' Roadshow' together with Romanian Space Agency as a co-organizer. It was foreseen in agenda to have a workshop on EO4GEO project. Due to Coronavirus pandemic, the event was cancelled the last moment, without the possibility to convert it in an online event.
- The EO4GEO project was presented in the online academic environment, precisely, during the Master courses, at the University of Bucharest, Faculty of Geography, focusing on the functioning of the Body of Knowledge and associated tools.
- On 20th of November took place the online event - *The second International Conference on Re-shaping Territories, Environment and Societies: New Challenges for Geography-*, Bucharest, Romania. The activities developed within the project were presented by the presentation *Business Processes and Occupational Profiles - challenges for Tomorrow's Geospatial Industry Workforce*.

In 2021, further dissemination activities are planned. The article on *Business Processes and Occupational Profiles - challenges for Tomorrow's Geospatial Industry Workforce* is still to be finished. EO4GEO dissemination towards students, public institutions, SMEs and citizens will continue and we all hope to be in a face to face environment.

9.18. UNEP-GRID

UNEP-GRID contributed the communication and dissemination efforts by participation in EO4GEO events, all as online meetings and virtual workshops. UNEP-GRID is an organization involved in and promoting the use of spatial data and services as an important tool supporting the environmental management.

Several posts related to EO4GEO were published in social media, which are the main channel of organisation's communication:

1. Facebook: preparation and publication of 3 posts promoting EO4GEO events (EO Summit and Eyes on Earth Roadshow). Channels: Facebook profile of UNEP/GRID-Warsaw Centre and



Facebook profile of Copernicus Relays/Academy Polska (co-created by UNEP/GRID-Warsaw Centre), language: Polish

Statistics: people reached: 404; engagements: 30 .

2. UNEP-GRID Newsletter: article about EO4GEO project distributed by the newsletter summarizing the activities of the Centre in 2020. Channel: Newsletter UNEP/GRID-Warsaw Centre (newsletter@gridw.pl) sent on December 18, 2020. Language: Polish

Statistics: people reached: 645

As a follow up of DATA4GOOD conference organized by UNEP/GRID-Warsaw in November 2019, with the active participation of UNEP's members of UN-GGIM (UNITED NATIONS COMMITTEE OF EXPERTS ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT) and other activities undertaken by the consortium, the EO4GEO project is mentioned in UN-GGIM's publication titled "Future trends in geospatial information management: the five to ten year vision" published in August 2020 is mentioned (page 53) in the chapter 6. Skills requirements and training mechanisms.

Plans for 2021 include among others general social media posts, promotion of training materials as well as tools developed within the project, as well as about the training actions organized under WP5.

9.19. NEREUS

As Network of European Regions Using Space Technologies, NEREUS offers a consolidated platform for communication and dissemination purposes to EO4GEO: its new website, launched in 2017, has a dedicated section on projects funded by the European Commission. Further to this, a news section on the homepage features the latest developments for interested parties and serves as a reference for the network community. NEREUS represents 24 European Regions distributed across 9 Member States. In terms of social media accounts, NEREUS has a Twitter account with 2067 active followers. NEREUS has a quarterly newsletter which is also collected on its website, and develops regularly publications that can range from collection of user stories, conference proceedings, position papers, etc. It also has its corporate flyer: all these documents are stored in a dedicated section of the website entitled "Publications".

NEREUS' activities can be framed within three core pillars: political dialogue, interregional collaboration and public outreach towards non-specialist audiences and regional space experts and professionals. The Brussels-based Secretariat, the central coordination body of the network responsible for all advocacy and communication activities, calibrates the different tools and activities on a case-per-case basis, depending on the key messages and audiences. For example, for the political dialogue, it focuses its communication efforts on the European institution on the one hand, and the political level of regional administrations on the other. The interregional collaboration activities focus on both the political and technical level of regional authorities. In addition, it fosters exchanges between countries, across borders. In this sense, the NEREUS platform offers an arena for broad outreach and exchanges with different stakeholder groups. Public events, publications and other communication tools feature best practices in terms of space uses.

In over a decade of advocacy for regional space uses, NEREUS has consolidated a database of over 5000 contacts which have signaled interest in the network's activities or in the benefits of using space on Earth. The audiences are segmented into groups, directly linked to the association's



Mailchimp account in order to target communications based on location, interests, policy domains, etc.

As Work Package leader, NEREUS dedicated significant time to designing and setting up the overall communication and dissemination strategy of EO4GEO. It co-manages the EO4GEO accounts as well as its own, and has provided the Blueprint project with its scheduling platform in order to plan tweets on a monthly basis and bring traffic to the website as well as to the Medium channel. Messages have followed the plan detailed in the Deliverable 7.1, focusing mainly on raising the awareness of the brand and the project itself.

Moreover, NEREUS drafted a questionnaire and conducted a series of interviews to collect information about expectations on future skills in the geospatial sector and explore what would be the lack of specialized and scientific skills that could prevent employers (companies or Public Authorities) from exploiting the opportunities offered by space data. NEREUS will draft a report based on the outcomes of these interviews that could be used in the project outreach and dissemination activities (Twitter, website, workshop meetings etc) and shared with the other partners.

Furthermore, the fact that each partner in the consortium speaks to different user communities strengthened the outreach towards a variety of stakeholders. The actions implemented by NEREUS contributed greatly to improving the awareness of the EO4GEO towards audiences of regional representatives and the Brussels-based space community. It is difficult to assess specifically the impact and effectiveness of the different actions, such as how many of the survey respondents come from the NEREUS community, but the interest of the members has been positive when EO4GEO has been presented towards the community (i.e. during the annual General Assemblies).

As WP leader, the overall assessment is positive. Improvements can take place in terms of harmonizing the different contributions to the dissemination strategy by all network members.

After several meetings with its member regions and other partners of the consortium, NEREUS will organize four workshops in 2021: a) Discussing about a skills strategy for LRAs focus on maritime in the Azores (2nd July 2021) together with the University of The Azores b) Innovation and competitiveness in the framework of EO4GEO skills strategy: the case of the business aerospace sector in Poland, organised in the two Polish regions of Podkarpackie and Mazovia (Autumn 2021) and c) presenting the EO4GEO initiative and new developments to the students and academia and initiate an open discussion between them and experts to gather input on current and future needs in terms of EO and services in cooperation with UNIBAS (University of Basilicata) in autumn 2021.

9.20. VITO

As a part of VITO, an independent research and technology leader, VITO Remote Sensing offers expertise, knowledge, data, services and solutions in Earth observation to let you see and make use of the added value of remote sensing, a key enabler in our space economy. From user needs to technology and end-to-end EO support, VITO Remote Sensing provides the insights you need for diverse applications such as agriculture, vegetation, water & coast, climate, security and infrastructure.



As for the communication capacity, VITO Remote Sensing offers website in English, Dutch and French (<http://remotesensing.vito.be>) as well as a blog site (<https://blog.vito.be/remotesensing>) . It also hosts a dedicated remote sensing Twitter account (VITO_RS_) with 2500+ followers other than the main VITO Twitter account with over 5000 followers. VITO also participates in numerous earth observation related events throughout the year.

In 2020, VITO Remote Sensing has written a dedicated blog post for EO4GEO project (<https://blog.vito.be/remotesensing/eo4geo-an-innovative-strategy-for-skills-development-and-capacity-building-in-eo/qj>) to promote the project and highlight its achievements and outcomes.

As in many countries around the world, Belgium has also been impacted by COVID19 severely. VITO employees have been doing tele-working since March 2020. Many events were cancelled or postponed. This, unfortunately, had an impact also on the dissemination activities.

We anticipate that the current situation will preside until Q3/Q4 of 2021. Events such as IGARSS (which VITO is in the organizing committee) is still planned. Regardless of whether the events can take place or not, we will continue to promote the EO4GEO project in 2021 through VITO Remote Sensing Twitter account and other virtual platforms.

9.21. CNR-IREA

Continuous and constant communication have been maintained among the Italian remote Sensing Association (AIT) Members and the ASITA Federation of 4 Italian Associations regarding Cartography, Photogrammetry, Remote Sensing and Geographical Information Systems (EO*GI).

Links has been maintained with the European Association of Remote Sensing Laboratories (EARSeL) in preview of the joint organization of training and webinar events.

The target audience is potentially large, including more of 100 Members among the Italian Associations and about 200 Remote Sensing Laboratories in Europe. Due to the Covid19 the events scheduled in 2020 have been delayed in 2021, included the Annual AIT and ASITA Conferences and the AIT Summer School: 'COPERNICUS Remote Sensing and Climate Change' scheduled in September 2020.

All these activities are postponed in 2021.

A webinar inside the Training action T 5.3 is in phase of organization on the topic: 'The Copernicus programme for a new Common Agriculture Policy (CAP) closer to European Regions and Citizens' is scheduled by the end of February 2021.

9.22. VRI IES

In the reporting period, IES disseminated EO4GEO newsletter and the project related-actualities to the Latvian Copernicus user list (114 subscribers) and IES's website – www.videsinstituts.lv .



On 23 January 2020 IES participated in the meeting of the Latvian Space Working Group led by the Ministry of Education and Science and the Ministry of Economics, and shared experience about the EO4GEO methodological approach for developing the Sectors Skills Strategy, and the key findings of the gap analysis on the skills supply and demand. Some of the approaches of EO4GEO have been used to define the requirements of the national-level study on free-access satellite data uptake possibilities by the Latvian public and private sector organizations to be procured by the Ministry of Education and Science.

In order to raise the awareness and understanding of high-level decision makers in the public and private sectors about the current capabilities of EO technologies and their potential applications in various industries, in the frame of EO4GEO project IES is developing a training material in the form of video series named “Earth Data”. In the start, it will consist of five episodes, each up to 7 minutes long and cover such themes:

- Episode 1 – EO as a tool for decision making in public and private sectors.
- Episode 2 - EO as a tool for forest management.
- Episode 3 - EO as a tool for freshwater management.
- Episode 4 - EO as a tool for emergency situations.
- Episode 5 – EO as a tool for natural resources management.

Each episode contains an overall introduction to the topic, an interview with an external expert, including some of the participants of the 1st training session, a brief lecture, EO and remote sensing data visualizations, and case-studies and examples. The series will be developed in the Latvian language with sub-titles in English. The materials were developed by involving various actors interested in EO, e.g., Latvian Nature Conservation Agency, Latvian Association of Space Industry, Latvian State Fire and Rescue Service, and the Norwegian Forestry Group.

In 2021, IES will continue supporting the EO4GEO consortium by disseminating project-related information to the relevant stakeholder groups in Latvia. IES will also implement the marketing campaign of the video series “Earth Data”. The series will be disseminated through various channels, including:

- LMT Straume (www.lmtstraume.lv), a video platform of the largest mobile operator in Latvia. The platform is oriented towards offering video content for mobile devices and has a large number of users.
- IES website (www.videsinstituts.lv) and Facebook account.
- EO4GEO platform of open tools (www.eo4geo.eu).

9.23. ISPra

During the past year, due to the COVID pandemic, ISPra carried out dissemination activities of the EO4GEO project only through the web.

ISPra, as task leader (T5.3) “Integrated applications” in the WP5, presented preliminary and undergoing analysis related to the InSAR data analysis for the selected case study, and described



the different training modules implementation activities related to the several case studies belonged to our task; in several conferences or meetings through virtual presentations and posters.

EO4GEO has also been promoted through the ISPRA website, the Geological Survey of Italy Portal, representing, at a national level, the gate to access to all the available geological data of interest for the Italian peninsula, it is in charge to collect, manage and disseminate geological data of Italy, with specific concern to cartography. It allows an easy access to geological data to Expert users but even to a citizen with no specific expertise in geology, EO and GIS.

In conferences and meetings, the target audience was for the most represented by EO, geology, engineering geology and GIS experts, researchers and students.

Key messages are thought to catch audience's attention on the project outputs and ongoing activities.

In conferences and events, a good interest in EO4GEO has been noticed, since the first results have been showed. The interest will probably increase more and more, once all the results of the case studies will be described in presence.

ISPRA is planning to participate at the 2021 EGU Conference (19 – 30 April) to present the EO4GEO case studies. ISPRA will also organise within the next year a workshop on the EO/GI field, already planned for the 2020 but postponed due to the COVID pandemic, with the participation of national and international experts. Nevertheless, since the most meetings and conferences are still taking place in a virtual mode and with short notice, for sure ISPRA will participate to audition events.



10. Conclusions

The third year of the project has an important significance because it has been the year of the release and publication of the main project outcomes. In this sense, the EO4GEO dissemination activities were focused on spreading the availability of the project products. It is noteworthy the role of the project newsletter, social media channels and project website in spreading and showcasing these outcomes to the target groups.

The focus of the communication has been to attract and engage new stakeholders, and as more and more practical output from the project were becoming available, the message shifted towards actively explaining and promoting the use of these results (BoK and tools).

Due to COVID crisis and the cancellation/postponement of the physical meetings, during the third year of the project almost all communication and dissemination activities of the EO4GEO project have been made through the web, in relation to meetings and events coordinated or participated by the partners.

Dissemination activities in virtual events are of a different nature than in physical events, focused on dedicated talks and presentations rather than presence at events with a booth and similar.

However, this situation has not been entirely negative: the events switched to virtual mode allowed to put a wider scientific and academic community in contact thanks to the lower costs of participation (an example above all: 899 attendees at the 2nd Earth Observation Summit and Eyes of Earth Road Show, June 2nd – 3rd 2020).

Moreover, they generate a lot of recorded materials whose fruition remains available also after the events and for a wider audience (including people non participating “live” to them).

On the other hand, the interaction with stakeholders has been substantially affected, as online meetings do not yet offer meaningful opportunities for networking. Face-to-face meetings were ideal places for engaging with a whole range of stakeholders and have the opportunity to explain in detail the main objectives of EO4GEO and evaluate opportunities for collaboration.

Although with different efforts, every partner was committed to disseminate the EO4GEO results. The social media (websites, Twitter, LinkedIn, Facebook, YouTube, newsletters) played a key role, and some partners revealed an increase in contacts and interactions. The communication was made by the partners also in the national languages, which greatly helped the dissemination of the project awareness at national level.

In this third year, the partners participated in around 60 events/seminars/conferences, all of them in virtual mode. In most cases, an individual partner carried-out a dissemination action.

In some important events more than one partner participated: : 2nd EO Summit (June 2-3); INSPIRE Conference -EO4GEO/ELISE Vocabularies Workshop: Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus (June 20); ESA PHI week e-poster session: the EO/GI Body of Knowledge, the ecosystem of software tools and the courses (Sep 20); NEREUS Session: EO4GEO skills development in Earth Observation and Copernicus user uptake: tools for EO4GEO regional roll-out and EARSC EOcafe: Skills are key for the future (Oct 20); the ONLINE - General Assembly of the Copernicus networks (Nov 25).



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The project developed and continuously used a defined set of branded items (Logo, Website, Power Point template, Leaflet, Poster, Roll-up) to convey a unified message and coherent overall visual identity.

The web site, as a “live tool”, has been heavily updated in this third year, in order to highlight the public project outcomes.

The EO4GEO Twitter channel is the most active social network used for promoting the project in different communities and attracting participation of stakeholders.

The partners are also promoting the project through their websites, different communities and networks, social profiles and mailing lists.

Engagement and outreach of external partners are crucial for the success of the project and constant promotional activities are carried out, with customized messages for the different target groups.



Annex I – Dissemination activities of the third year

DISSEMINATION ACTIONS AT CONFERENCES / WORKSHOPS / SEMINARS				
PARTNER	DATE 🕒 [DD/MM/YYYY]	EVENT & PLACE	DISSEMINATION ACTION (Poster, paper, material distribution, etc.)	Link to proceedings/photos/leaflet/poster
GEOF	08/01/2020	Croatian Presidency of the European Union - Council of Europe Space Working Group; Brussel, Belgium	Lecture: "Earth Observation & Geoinformatics – new businesses, new jobs, new professions" Željko Bačić and Vesna Poslončec Petrić, Faculty of Geodesy - Copernicus Relay i Copernicus Academy	https://www.facebook.com/svemirski.zurnal/posts/3381409805264210
CLIMATE-KIC	14/01/2020	The Space Applications Networking Event	Engagement of different stakeholders - The only event of its kind to bring the Space Applications sector together under one roof to network and connect across the community. Now in its third year, Space to Connect is a day long event which will give you the opportunity to meet new companies, organisations, and individuals who are innovating at the forefront of the Space Applications sector, as well as others new to this journey.	https://www.gov.uk/government/publications/space-to-connect-2020-space-applications-networking-event
IES (Latvia)	23/01/2020	Latvian Space Industry Stakeholders Meeting at the Ministry of Economics.	Presentation of EO4GEO findings of EO/GI skills supply and demand analysis	
CLIMATE-KIC	27/01/2020	Copernicus Climate Change (C3S) Education Demo workshop	Networking with event participants	https://www.wemcouncil.org/wp/c3s-education-demo-launch-webinar/



SpaSe	06/02/2020	National Conference - Copernicus: A Strategic Partner for Earth Observation and Sustainable Development, Manila, Philippines.	presentation, promotion of Copernicus Academy and space-geoinformation curricula	https://businessmirror.com.ph/2020/02/09/copernicus-space-program-to-boost-earth-observation-projects-in-ph/
KU Leuven	10/02/2020	ISPRS Congress	Revision of the presentation	NA
PLUS	12/02/2020	University of Tartu, Estonia	Invited Talk "Curriculum Design for Earth Observation and Geoinformation - Considering Demand and Trends"	
UJI	13/02/2020	Erasmus+ workshop, Castellón	Presentation	http://geotec.uji.es/2020/02/14/joahuerta-presented-eo4geotalks-in-an-erasmusplus-workshop-organised-at-ujuniversitat-eurofue_uji/
IGIK	19/02/2020	40th EARSeL Symposium, 22-25 September 2020, Warsaw, Poland	Acceptance of the EO Education session at the EARSeL symposium	http://symposium.earsel.org/40th-symposium-Warsaw/topics/
CNR-IREA	19/02/2020	https://www.biblio.polito.it/eventi-culturali/2020/dalla_terra_allo_spazio/arcobaleno_e_oltre	Exhibition from 19/02/2020 to 31/12/2020	https://ms-my.facebook.com/diatipolito/videos/%C3%A8-stata-inaugurata-due-giorni-fa-ed-%C3%A8-visitabile-fino-al-30-aprile-la-mostrada/2592424577700730/
KU Leuven	04/03/2020	EO4GEO results during the OGC University DWG in Ottawa	Online presentation	NA
NEREUS	05/03/2020	NEREUS Brussels based group (regional offices)	distribution of EO4GEO flyer	
GEOF	5-6/03/2020	Space powering the Green Deal and the Digital Economy; Zagreb, Croatia	As part of the Croatian Presidency of the Council of the EU, ESA, in cooperation with the MoES and FER, organized (March 5-6, 2020). EO4GEO project was presented at the Panel discussion – next steps for Croatia and the region	https://nikal.eventsair.com/QuickEventWebsitePortal/space-powering-the-green-deal-and-the-digital-economy/esa
CLIMATE-KIC	12/03/2020	Beyond Global Britain - UK Foreign Policy in Space	Look for relevant stakeholders for the project	https://www.eventbrite.com/e/beyond-global-britain-uk-foreign-policy-in-space-tickets-90757904335



FSU-EO	12-13/03/2020	Geomonitoring Braunschweig (Germany)	Material distribution	
GEOF	15/03/2020	Exhibition: Copernicus EarthArt but not only...; Faculty of Electrical Engineering and Computing; Zagreb, Croatia	Exhibition: Copernicus EarthArt but not only... : The collection consists of 20 images of the Copernicus Sentinel satellite, format 100 cm x 200 cm with a description and explanation of each image.	https://www.facebook.com/svemirski.zurnal1/posts/3626016797470175
CNR-IREA	16-20/03/2020	MISIONES DE COPERNICUS SENTINEL PARA RECURSOS HÍDRICOS - Copernicus Sentinel Missions for Water Resources	poster and paper	http://www.informaticahabana.cu/sites/default/files/ponencia-2020/GEO116.pdf
GISIG	21/04/2020	WORKSHOP ON EDUCATION AND SKILLS IN THE FIELD OF SPACE AND EU –FUNDED RESEARCH (by DG DEFIS)		
KU Leuven	21/04/2020	Workshop on Education and Skills in the field of Space and EU -funded research	Online presentation	NA
CLIMATE-KIC	30/04/2020	UK Space Sector COVID-19 Webinar	Networking with event participants	https://sa.catapult.org.uk/events/uk-space-sector-covid-19-webinar-23-april/
ISPRA	06/05/2020	EGU VIENNA (AUSTRIA)	PRESENTATION - ABSTRACT	https://meetingorganizer.copernicus.org/EGU2020/EGU2020-10914.html
UNIBAS	06/05/2020	Presentation at "EGU2020-General Assembly"	Presentation	https://doi.org/10.5194/egusphere-egu2020-8927
CLIMATE-KIC	26/05/2020	Virtual High-Level Forum Events on United Nations Global Geospatial Information Management	Networking with event participants	https://ggim.un.org/meetings/2020/Virtual_HLF
CLIMATE-KIC	28/05/2020	UK Space Sector COVID-19 Webinar	Networking with event participants	https://www.eventbrite.co.uk/e/uk-space-sector-covid-19-webinar-28-may-tickets-104941095642
PLUS	01/06– 08/07 2020	Summer School: GEOBIA for the operational service challenge, Salzburg/virtual		https://obia.zgis.at/geobia-summer-school-2020/



SpaSe	01/06/ - 08/07/2020	Summer School: GEOBIA for the operational service challenge, Salzburg/virtual	presentation	https://obia.zgis.at/geobia-summer-school-2020/
KU Leuven	02/06/2020	EO-summit participation and contribution (Round Table)	Online presentation	NA
IGIK	02/06/2020	EO-summit	Participation and contribution to the presentation	
KU Leuven	03/06/2020	EO-summit participation and contribution (BoK, Closing Session)	Online presentation	NA
GISIG	02-03/06/2020	2nd EO-summit	participation and contribution	http://www.eo4geo.eu/online-2nd-earth-observation-summit/
GEOF	2-3/06/2020	2nd Earth Observation Summit; Zagreb, Croatia	2nd Earth Observation Summit - organization and realization of the conference	http://www.eo4geo.eu/2020/03/31/eo4geo-events-in-zagreb-june-2020/
GEOF	2-3/06/2020	Eyes on Earth roadshow; Zagreb, Croatia	Eyes on Earth roadshow - organization and realization of the conference	http://www.eo4geo.eu/2020/03/31/eo4geo-events-in-zagreb-june-2020/
SpaSe	02-03/06/2020	Copernicus 'Eyes on Earth' Roadshow & 2nd EO Summit, Zagreb, Croatia	presentation	https://www.copernicus.eu/en/events/events/online-copernicus-eyes-earth-roadshow-2nd-eo4geo-summit
CLIMATE-KIC	9/06/2020	Future Trends in Geospatial Information Management: Five to Ten-year Vision, the relevance and application to national priorities and action plans	Networking with event participants Important elements for our own trend analysis	https://ggim.un.org/meetings/2020/Virtual_HLF
GISIG	11/06/2020	INSPIRE Conference (Joint ELISE/EO4GEO meeting)	participation and contribution	
CLIMATE-KIC	11/06/2020	EO4GEO/ELISE Vocabularies Workshop	Event co-organised by EO4GEO	https://joinup.ec.europa.eu/collection/elise-european-location-interopability-solutions-e-government/event/elise-online-workshop-vocabularies-describing-and-enhancing-geo-knowledge-and-skills-inspire-and



UJI	11/06/2020	INSPIRE CONFERENCE	Presentation	http://geotec.uji.es/2020/06/12/inspire2020-gathers-eo4geotalks-and-eulocation-around-vocabularies-in-the-geospatial-sector/
KU Leuven	12/06/2020	Joint ELISE/EO4GEO meeting	Online presentation	NA
CLIMATE-KIC	18/06/2020	Climate Action Webinar - The First Defence: Curbing your organisations energy use through demand side management tool	Networking with event participants	https://www.climateaction.org/webinars/the-first-defence
CLIMATE-KIC	23/06/2020	21st Century: SUSTAINABILITY = ECONOMIC GROWTH	Looking for opportunities for collaboration on other domains (Climate change)	https://www.eventbrite.com/e/21st-century-sustainability-economic-growth-tickets-108831824918
UNIBAS	24/06/2020	Presentation of the project during the "Virtual Copernicus Young Ambassador Day"		https://www.youtube.com/watch?v=iBZ_xhTyVuI&fbclid=IwAR0kTwyLJ3TI-u2K0rYfOd4k4aM1FLTzUK3nnrntqgfKhjJG2iCk_-oh04g
UJI	1/7/2020	ESRI User conference	Presentation and paper	https://uc2020.esri.com/sessions/15345976/Innovations-in-Geographic_Information-Science
PLUS	08/07/2020	GI-Week "EO in action: connecting academia, businesses and administrations", Salzburg/virtual		
EARSC	08-09/07/2020	workshop: Impact of the covid-19 pandemic on EU Aerospace and defence ecosystem	EARSC made a presentation on behalf of the EO4GEO project	
GISIG	09/07/2020	WORKSHOP: IMPACT OF THE COVID-19 PANDEMIC ON EU AEROSPACE AND DEFENCE ECOSYSTEM		
CLIMATE-KIC	15/07/2020	Wekeo online training	Networking with event participants	https://www.wekeo.eu/news/-/blogs/wekeo-online-training-workshop-focus-on-marine-data-products
KU Leuven	28/07/2020	Cope4BG2020 workshop	Online presentation	NA



CLIMATE-KIC	29/07/2020	Wekeo online training debriefing session	Networking with event participants	https://www.wekeo.eu/news/-/blogs/wekeo-online-training-workshop-focus-on-marine-data-products
FSU-EO	31/08-2/09/2020	XXIV ISPRS Congress (virtual event)	Presentations and paper	Pre-recorded presentation
UJI	1/9/2020	ISPRS Congress	Paper (presentation was done by UniJENA)	http://geotec.uji.es/2020/08/31/eo4geotalks-bok-and-innovative-set-of-tools-to-be-presented-at-isprs2020/
KU Leuven	14/09/2020	OGC Tc UDWG meeting	Online presentation on the state of affairs of EO4GEO and the development of the BoK in particular	NA
CLIMATE-KIC	24/09/2020	Databeers Malaga	Presented the main activities of the project during the event	https://databeersmlg.com/
ISPRA	28/09/2020	phi-week ESA	PRESENTATION - ABSTRACT	https://next.brella.io/events/phiweek2020/sponsors/32660
PLUS, GISIG, UJI	28/09/2020	ESA EO Phi-Week, virtual	Poster presentation on EO4GEO outcomes	https://www.youtube.com/watch?v=VBvAh_c0uj_o&list=PLuWdNXbkdJurIEoyyMgi4JUmkXVuSbGkT&index=9&t=29s
CLIMATE-KIC	2/10/2020	Copernicus Hackathon - Malaga	Member of the Jury - Opportunity for networking	https://www.copernicus.eu/en/events/events/copernicus-hackathon-malaga
CLIMATE-KIC	13/10/2020	Explore 2020 - Planet	Networking with event participants	https://www.planetexplore2020.com/website/11099/
NEREUS	15/10/2020	NEREUS Brussels based group (regional offices)	promotion of the EO4GEO webinar on 21/10/2020	
GEOF	16/10/2020	World space week "Satellites improve life" 2020", Croatia	Lecture "Navigation and positioning from space - today and tomorrow"	https://www.facebook.com/svemirski.zurnal1/posts/5014652241939950
GISIG	20/10/2020	Workshop NEREUS " EO4GEO- Skills development in Earth Observation and Copernicus User Uptake: Tools for EO4GEO regional roll-out	presentation of EO4GEO	
FSU-EO	20/10/2020	NEREUS Workshop	Presentation	
UPAT	20/10/2020	NEREUS Workshop	Presentation of WP5 scopes outcomes in the EO4GEO event of NEREUS	



UJI	20/10/2020	NEREUS Workshop	Presentation	https://www.youtube.com/watch?v=PtGWaNHlZOo&list=PLuWdNXbkdJurIEoyyMgi4JUmkXVvSbGkT&index=9
Planetek	20/10/2020	NEREUS Workshop	NEREUS Webinar Tools for EO4GEO regional roll-out	
NEREUS	21/10/2020	EO4GEO WEBINAR: TOOLS FOR EO4GEO REGIONAL ROLL-OUT ON 20TH OCTOBER 2020	The Network organised the EO4GEO webinar on 20th October 2020 with key speakers (EO4GEO partners, NEREUS Members and other experts in the Earth Observation/Geoinformation sector) to promote the EO4GEO sector skills alliance and its tools towards the Member regions and universities but also to get their views on the initiative.	Link: https://www.nereus-regions.eu/2020/10/21/follow-up-eo4geo-webinar-tools-for-eo4geo-regional-roll-out-on-20th-october-2020/
EARSC	22/10/2020	https://earsc.org/2020/10/14/eocafe-skills-are-key-for-the-future/	Webinar on the new EO4GEO tools. Informing the EO industry	
Planetek	22/10/2020	webinar	EARSC webinar Skills are key for the future	
KU Leuven	22/10/2020	Workshop on Space Science for Societal Challenges	Online presentation	NA
UJI	22/10/2020	EARSC EOcafe	Presentation	https://www.youtube.com/watch?v=ld7APiR0K5A
CLIMATE-KIC	22-23/10/2020	Lorentz centre workshop	We organised the event inviting KU Leuven and EARSC to discuss elements related to EO4GEO (Skills development and private sector collaboration)	https://www.lorentzcenter.nl/space-science-for-societal-challenges.html#:~:text=22%20%2D%2023%20October%202020&text=The%20Space%20sector%20plays%20a,to%20address%20developmental%20issues%20globally.
GISIG	23/10/2020	Workshop "Space Science for Societal Challenges" Climate-KIC		
KU Leuven	23/10/2020	Workshop on Space Science for Societal Challenges	Online presentation	NA



EARSC	November 2020	GEO Capacity Building WG	EARSC presented the EO4GEO project at the capacity building wg	
ISPRA	02-06/11/2020	IPL 2020	PRESENTATION - ABSTRACT	https://iplhq.org/
PLUS, CopHub, GISIG	05/11/2020	CopHub.AC final dissemination event: "A hitchhiker's to digitalisation in Europe - the detour through space"		
SpaSe	05/11/2020	CopHub.AC - CoRdiNet Joint final dissemination event: "A hitchhiker's guide to digitalisation in Europe - the detour through space"	moderation; promotion of EO4GEO during discussion panels	http://www.cophub-ac.eu/event/a-hitchhikers-guide-to-digitalization-in-europe-the-detour-through-space/
ROSA	10/11/2020	The second International Conference on Re-shaping Territories, Environment and Societies: New Challenges for Geography	presentation in an online environment	http://geoconference.geo.unibuc.ro/
UJI	18/11/2020	EO4GEO training action at UJI	Presentation and material distribution	https://github.com/GeoTecINIT/GISDay2020
FSU-EO	19/11/2020	To SAR on not to SAR	Presentation	
GISIG	21/11/2020	Final Conference SENDING project		
CLIMATE-KIC	24-25/11/2020	Copernicus Networks General Assembly	Presented the main activities of the project during the event	https://www.copernicus.eu/en/events/events/online-general-assembly-copernicus-networks
GISIG	24/11/2020	General Assembly of the Copernicus Academy	virtual booth + networking table " Copernicus & European Green Deal: Opportunity for the interplay between Copernicus Academy Working Groups and the Skills Alliance (EO4GEO)"	
GISIG	25/11/2020	General Assembly of the Copernicus Academy	virtual booth + networking table " The role of women in the Copernicus sector: an open talk to promote gender balance"	



PLUS, CopHub	25/11/2020	General Assembly of the Copernicus Academy – virtual booth		
SpaSe	25/11/2020	General Assembly of the Copernicus Academy & Relays 2020	Networking table "Copernicus & European Green Deal" - Academy Thematic Working Groups & EO4GEO skills development tools	https://www.copernicus.eu/en/events/events/online-general-assembly-copernicus-networks
PLUS amongst others	07/12/2020	European Space Week – networking table		
UNIBAS	07/12/2020	Presentation of the project at AGU2020 Fall meeting	Presentation	https://agu.confex.com/agu/fm20/meetingapp.cgi/Paper/752050

OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)				
PARTNER	DATE 🕒 [DD/MM/YYYY]	DISSEMINATION ACTION		LINKS/NOTES
NEREUS	07/01/2020	Twitter		https://twitter.com/EO4GEOtalks/status/1214495891756920832
GISIG	07/01/2020	Twitter - Retweet of an EO4GEO Tweet		https://twitter.com/EO4GEOtalks/status/1214495891756920832
UJI	14/02/2020	Blog entry and tweet		
NEREUS	21/02/2020	Twitter		https://twitter.com/NEREUSaisbl/status/1230847668622151681
NEREUS	21/02/2020	Newsflash (Mailchimp)		https://mailchi.mp/c42b0d80c3a2/registration-eo4geo-workshop-on-eogi-skills-development-in-the-azorean-coastalmaritime-sectoron-3-july-2020-the-azores-pt
EARSC	25/02/2020	Tweet about an upcoming event		https://twitter.com/earsc/status/1232233481087922176
NEREUS	10/03/2020	Twitter		https://twitter.com/NEREUSaisbl/status/1237368399304560645
NEREUS	12/03/2020	Twitter		https://twitter.com/EO4GEOtalks/status/1238071802833887233



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
EARSC	12/03/2020	Retweet of EO4GEO	https://twitter.com/EO4GEOtalks/status/1238071802833887233
NEREUS	31/03/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1244894356936560640
NEREUS	26/03/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1243091807480811521
NEREUS	23/03/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1242056561931038720
GISIG	23/03/2020	Twitter - Retweet of an UJI Tweet related to EO4GEO	https://twitter.com/geotecUJI/status/1241985618474864641
GISIG	24/03/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1242372785139220480
NEREUS	24/03/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1242372785139220480
EARSC	25/03/2020	promoted on social media the EO4GEO newsletter	https://twitter.com/EO4GEOtalks/status/1242372785139220480
FSU-EO	31/03/2020	email (5th Newsletter)	approx. 40 + 120 recipients
FSU-EO	01/04/2020	social media	approx. 500 recipients
NEREUS	01/04/2020	Website	http://www.nereus-regions.eu/2020/04/01/eo4geo-newsletter-5-is-released/
NEREUS	01/04/2020	Newsflash (Mailchimp)	https://mailchi.mp/euroinbox/eo4geo-analysis-report-on-future-eogi-occupational-profiles-developed-by-nereus
CLIMATE-KIC	1/04/2020	Tweet about 5th project Newsletter	https://twitter.com/kramirezramos/status/1245420727462920193
CLIMATE-KIC	1/04/2020	LinkedIn post about the 5th project Newsletter	https://www.linkedin.com/feed/update/urn:li:activity:6651189022448324608/
GISIG	01/04/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1245276092778373120
NEREUS	02/04/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1245687091499057152



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
UJI	03/04/2020	Blog entry and tweet	http://geotec.uji.es/2020/04/03/eo4geo-ecosystem-of-tools-for-educators-and-practitioners/
NEREUS	07/04/2020	Newsflash (Mailchimp)	https://mailchi.mp/c88fac8078e3/partnership-award-from-research-to-market-2020
GEOF	07/04/2020	How the New EU Directive Will Change the Geospatial Data Market	https://www.facebook.com/svemirski.zurnal1/posts/3735992696472584
NEREUS	14/04/2020	Newsflash (Mailchimp)	https://mailchi.mp/90d71514e75c/eo4geo-analysis-report-on-future-eogi-occupational-profiles-developed-by-nereus-1403513
NEREUS	14/04/2020	Website	https://www.nereus-regions.eu/2020/04/14/eo4geo-mooc4land-eo-survey-we-need-your-input/
NEREUS	21/04/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1252534000901664768
NEREUS	22/04/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1252915830549069827
NEREUS	23/04/2020	Website	https://www.nereus-regions.eu/2020/04/23/eo4geo-ecosystem-of-tools-for-educators-and-practitioners/
GEOF	23/04/2020	Earth Day;	https://www.facebook.com/svemirski.zurnal1/posts/3799276083477578
UNIBAS	05/05/2020	Tweet on "EGU2020" participation	
UNIBAS	06/05/2020	Tweet on "EGU2020" participation	
NEREUS	18/05/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1262321857019228160
NEREUS	18/05/2020	Twitter	https://www.nereus-regions.eu/2020/05/18/save-the-date-2-3-june-eo-summit-and-eyes-on-earth-roadshow/
GEOF	18/05/2020	Web news: HRPRES on-line konferencije '2. Earth Observation Summit' i 'Eyes on Earth Roadshow'	http://www.unizg.hr/nc/vijest/article/hrpres-on-line-konferencije-2-earth-observation-summit-i-eyes-on-earth-roadshow/
EARSC	18/05/2020	promoted the EO summit	https://twitter.com/EO4GEOtalks/status/1262319813780799489



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
GEOF	19/05/2020	Video konferencija Opažanje Zemlje i Eyes on Earth Roadshow - 2. - 3. lipnja 2020.;	https://mzo.gov.hr/vijesti/video-konferencija-opazanje-zemlje-i-eyes-on-earth-roadshow-2-3-lipnja-2020/3735
GEOF	19/05/2020	HRPRES on-line konferencije 2. Earth Observation Summit i Eyes on Earth Roadshow:	https://www.geof.unizg.hr/novosti/hrpres-on-line-konferencije-2-earth-observation-summit-i-eyes-on-earth-roadshow/
PLUS amongst others	20/05/2020	Post on the 2nd EO Summit, Invitation for Registration	https://www.facebook.com/ZGIS.Salzburg/posts/1902145743256060
EARSC	22/05/2020	promoted the EO summit	https://twitter.com/earsc/status/1263745964000542722
NEREUS	26/05/2020	Twitter	https://mailchi.mp/68a71be44200/registration-is-now-open-2-3-june-eo-summit-and-eyes-on-earth-roadshow
UJI	01/06/2020	Blog entry and tweet	http://geotec.uji.es/2020/06/01/2nd-eo4geo-eosummit-and-eoeroadshow-eo4geotalks/
NEREUS	02/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1267828463362138112
NEREUS	02/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1267762317074333697
NEREUS	02/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1267751820253966337
NEREUS	02/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1267729066423181312
GEOF	02/06/2020		https://www.facebook.com/svemirski.zurnal1/posts/4000955496642968
GEOF	02/06/2020		https://www.facebook.com/svemirski.zurnal1/posts/3977015039037014
GEOF	02/06/2020		https://www.facebook.com/svemirski.zurnal1/posts/2476216325783567
GEOF	02/06/2020	Željko Bačić, Faculty of Geodesy; guest on national television. HRT Studio 4: Conference announcement: "2nd Earth Observation Summit & Eyes on Earth Roadshow" (https://youtu.be/ao4R-IDIDDM)	
GISIG	03/06/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1268182522355240961
GEOF	04/06/2020		https://www.facebook.com/svemirski.zurnal1/posts/4009034162501768



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
GEOF	02/06/2020	2nd Earth Observation Summit & Eyes on Earth Roadshow (DJH) - reporting for national television program: https://youtu.be/ymkwkbn4Wr0	
EARSC	02/06/2020	promoted the EO summit	https://twitter.com/EO4GEOtalks/status/1267729066423181312
EARSC	03/06/2020	promoted the EO summit	https://twitter.com/earsc/status/1268075303752122370
FSU-EO	03/06/2020	social media	approx. 500 recipients
NEREUS	03/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1268091392326238209
NEREUS	03/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1268132472388288513
NEREUS	03/06/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1268134953113595905
NEREUS	03/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1268167311854313478
NEREUS	04/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1272530098428743681
GISIG	04/06/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1268551651851452417
GISIG	04/06/2020	Facebook - post on Earth Observation Summit shared	https://www.facebook.com/svemirski.zurnal1/photos/a.2487681331303733/4009029755835542/
UJI	08/06/2020	Blog entry and tweet	t.ly/G80e
GISIG	11/06/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1271085364707540992
UJI	12/06/2020	Blog entry and tweet	t.ly/4v32
NEREUS	15/06/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1268182522355240961
GEOF	15/06/2020	https://www.facebook.com/svemirski.zurnal1/posts/4066431656762018	
UNIBAS	24/06/2020	Different tweets on the "Virtual Young Ambassador day" event	



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
EPSIT	01/07/2020	News (related to the Copernicus 'Eyes on Earth' Roadshow & 2nd EO4GEO EO Summit) published on rivistageo.media.it, the most popular on-line geomatics magazine in Italy. The weekly newsletter (containing also our news) is sent to 5.000 recipients	https://rivistageo.media.it/2020070116949/Dati-geografici/eo4geo-a-supperto-delle-imprese-alla-ricerca-di-personale-specializzato-nel-settore-eo-gi
NEREUS	02/07/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1278715660982456321
GISIG	02/07/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1278715660982456321
NEREUS	13/07/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1282587629767229442
GISIG	13/07/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1282587629767229442
NEREUS	14/07/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1283037150213218304
NEREUS	15/07/2020	Twitter	https://mailchi.mp/fe1f36b76430/nereus-summer-newsletter-2020
NEREUS	15/07/2020	Newsletter	https://mailchi.mp/fe1f36b76430/nereus-summer-newsletter-2020
EPSIT	16/07/2020	News (related to the publication in English of the Italian UNI regulation for GI professional profiles, in which EO4GEO project was mentioned) published on rivistageo.media.it, the most popular on-line geomatics magazine in Italy. The weekly newsletter (containing also our news) is sent to 5.000 recipients	https://rivistageo.media.it/2020071616977/Dati-geografici/pubblicata-in-lingua-inglese-la-norma-uni-relativa-ai-profili-professionali-relativi-all-informazione-geografica
NEREUS	28/07/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1288028672637771776
GISIG	28/07/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/GISIGASSOC/status/1288091017632256000
NEREUS	29/07/2020	Website	https://www.nereus-regions.eu/2020/07/29/the-earth-observation-industry-continues-to-grow/



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
NEREUS	29/07/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1288381969152323584
NEREUS	26/08/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1298570718431588352
NEREUS	27/08/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1298970051543007232
EARSC	27/08/2020	Retweet of EO4GEO	https://twitter.com/EO4GEOtalks/status/1298970051543007232
FSU-EO	31/08/2020	social media	approx. 500 recipients
UJI	31/8/2020	Blog entry and tweet	t.ly/v5im
NEREUS	03/09/2020	Twitter	https://www.nereus-regions.eu/2020/09/03/eo4geo-bok-to-be-presented-at-the-isprss-congress-on-1st-september-2020/
PLUS amongst others	10/09/2020	Post on the Poster-Prentation of EO4GEO outcomes at the Phi-Week	https://www.facebook.com/ZGIS.Salzburg/posts/2014695868667713
NEREUS	17/09/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1306505163365060608
UJI	17/9/2020	Blog entry and tweet	t.ly/q0rx
NEREUS	21/09/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1307950978797314049
NEREUS	23/09/2020	Website	https://www.nereus-regions.eu/2020/09/23/are-you-ready-for-the-bok-for-eogi/
SpaSe	23/09/2020	retweet @EO4GEOtalks	SpaSe
NEREUS	25/09/2020	Website	https://www.nereus-regions.eu/2020/09/25/eo4geo-skills-development-in-earth-observation-and-copernicus-user-uptake-tools-for-eo4geo-regional-roll-out-on-20th-october-2020-14-00h/
NEREUS	25/09/2020	Newsflash (Mailchimp)	https://mailchi.mp/1a21635f792d/webinar-regional-roll-out-of-the-eo4geo-tools



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
NEREUS	30/09/2020	Website	https://www.nereus-regions.eu/2020/09/30/2983-2/
GISIG	30/09/2020	Twitter - Retweet of an EO4GEO Tweet	https://twitter.com/EO4GEOtalks/status/1311313395807924226
KU Leuven	02/10/2020	EO4GEO newsletter	
UPAT	3/10/2020	EO4GEO newsletter, post on facebook webpage	
PLUS	05/10/2020	Distribution of the 6th EO4GEO Newsletter	https://www.facebook.com/ZGIS.Salzburg/posts/2040764922727474
NEREUS	07/10/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1313816037792636929
Planetek	08/10/2020	Linkedin	https://www.linkedin.com/posts/daniela-iasillo-99884057_6th-eo4geo-project-newsletter-activity-6719879656335532032-UEzB
PLUS	12/10/2020	Post on Copernicus and EO4GEO	https://www.facebook.com/ZGIS.Salzburg/posts/2047634682040498
Z_GIS retweet of @EO4GEO talks	15/10/2020	retweet on the EO cafe	
EARSC	15/10/2020	promotion of our EO4GEO -EOcafe	https://twitter.com/earsc/status/1316668160037195779
EARSC	19/10/2020	promotion of our EO4GEO -EOcafe	https://twitter.com/earsc/status/1318197981804376065
UJI	19/10/2020	Blog entry and tweet	t.ly/rDru
NEREUS	21/10/2020	Website	https://www.nereus-regions.eu/2020/10/21/follow-up-eo4geo-webinar-tools-for-eo4geo-regional-roll-out-on-20th-october-2020/
NEREUS	21/10/2020	Twitter	https://twitter.com/NEREUSaisbl/status/1318945518274465792
GISIG	21/10/2020	Twitter - Retweet of a NEREUS Tweet related to EO4GEO	https://twitter.com/NEREUSaisbl/status/1318945518274465792



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
NEREUS	21/10/2020	Newsflash (Mailchimp)	https://mailchi.mp/ac94958ef3c1/follow-up-eo4geo-webinar-tools-for-eo4geo-regional-roll-out-on-20th-october-2020
EARSC	22/10/2020	promotion of our EO4GEO -EOcafe	https://twitter.com/earsc/status/1319282742882832396
NEREUS	27/10/2020	Website	https://www.nereus-regions.eu/2020/10/27/registration-is-open-eo4geo-workshop-on-3-july-2020-the-azores-pt-eo-gi-skills-development-in-the-azorean-maritime-coastal-sector/
EARSC	29/10/2020	promoted the release of the BoK	https://twitter.com/EO4GEOtalks/status/13217515412887060
Z_GIS retweet of @EO4GEO talks	29/10/2020	Retweet on the announcement of the public availability of the BoK	
FSU-EO	29/10/2020	email + social media (twitter, linkedIn)	approx. 800 recipients
GISIG	29/10/2020	Twitter - Tweet on the release of the EO4GEO Body of Knowledge	https://twitter.com/GISIGASSOC/status/1321752618109145088
FSU-EO	30/09/2020	email (6th Newsletter)	approx. 40 + 120 recipients
NEREUS	02/11/2020	Newsletter	https://mailchi.mp/b5a4d6e89a03/nereus-summer-newsletter-1403930
UJI	04/11/2020	Blog entry and tweet	http://geotec.uji.es/2020/11/04/eo4geo-bok-software-platform-available/
KU Leuven	06/11/2020	BOK newsletter	
NEREUS	09/11/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1325753256941936641
UPAT	10/11/2020	BOK newsletter, post on facebook webpage	
NEREUS	12/11/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1326827074326294531
NEREUS	13/11/2020	Twitter	https://twitter.com/EO4GEOtalks/status/1327204565419102211



OTHERS (PRESS RELEASE, SOCIAL NETWORKS, ETC.)			
PARTNER	DATE ↓ [DD/MM/YYYY]	DISSEMINATION ACTION	LINKS/NOTES
UJI	18/11/2020	@geotecUJI Twitter account	https://twitter.com/search?f=live&q=(from%3AgeotecUJI)%20(%40eo4geotalks)&src=typed_query
UJI	19/11/2020	Blog entry and tweet	http://geotec.uji.es/2020/11/19/eo4geo-gisday-2020-at-ujuniversitat-eo-and-copernicus-meet-agriculture/
MSc CDE (PLUS) tweet/Z_GIS retweet	19/11/2020	Tweet on the EO4GEO-based publication "Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective"	https://twitter.com/MSc_CDE/status/1329344287964884993
GISIG	19/11/2020	Link to EO4GEO in the GISIG members newsletter	(reserved to members)
GISIG	23/11/2020	Twitter - Retweet of a CopHub.AC Tweet related to EO4GEO	https://twitter.com/CopHubAC/status/1330896753692905473
GISIG	07/12/2020	Podcast registered for "Occhio alla Terra"	https://www.facebook.com/groups/652392692225557/permalink/842218756576282/
GISIG	09/12/2020	Twitter - Tweet on an Italian podcast where EO4GEO is presented	https://twitter.com/GISIGASSOC/status/1336598108919259137
GISIG	09/12/2020	Facebook - Post on an Italian podcast where EO4GEO is presented	https://www.facebook.com/1438193290/videos/10225799898290998/
Z_GIS retweet of @EO4GEO talks	12/12/2020	EO4GEO virtual meeting	
VITO	14/12/2020	Blog article on EO4GEO	https://blog.vito.be/remotesensing/eo4geo-an-innovative-strategy-for-skills-development-and-capacity-building-in-eo/gi
VITO	17/12/2020	Tweet for announcing the blog article	https://twitter.com/VITO_RS/status/1339479524862509057
EARSC	Jan to Dec 2020	Every month, EARSC publishes a paragraph about eo4geo in its internal newsletter for member, the paragraph is prepared and led by Miguel-Lago, Mónica (EARSC) and published by Marion Bouvet (EARSC)	January to December 2020 (each month)



Publications and Articles			
Author(s)/Organisation	Publication title	Reference	Date
KU Leuven	Understanding skill needs in the EO/GI sector: a job advertisements analysis	Agile conference	
Stelmaszczuk-Górska, Martyna Anna; Aguilar-Moreno, Estefania; Casteleyn, Sven; Vandebroucke, Danny; Miguel-Lago, Monica; Dubois, Clémence; Lemmens, Rob; Vancauwenberghe, Glenn; Olijslagers, Marc; Lang, Stefan; Albrecht, Florian; Belgiu, Mariana; Krieger, Veronika; Jagdhuber, Thomas; Fluhrer, Anke/UJI	Body of knowledge for the Earth observation and geoinformation sector – A basis for innovative skills development	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XLIII-B5-2020, 15–22, https://doi.org/10.5194/isprs-archives-XLIII-B5-2020-15-2020 , 2020.	2020
Sven Casteleyn/UJI	EO4GEO ecosystem of tools for educators and practitioners	https://medium.com/@EO4GEO/eo4geo-ecosystem-of-tools-for-educators-and-practitioners-c3055f669a8	2020
Estefanía Aguilar Moreno, Sven Casteleyn, Aida Monfort Muriach/UJI	Evolution of EO4GEO ecosystem of tools: beyond sector expectations	https://medium.com/@EO4GEO/evolution-of-eo4geo-ecosystem-of-tools-d9b1d061705	2020
Every month, EARSC publishes a paragraph about eo4geo in its internal newsletter for member, the paragraph is prepared and led by Miguel-Lago, Mónica (EARSC) and published by Marion Bouvet (EARSC)			January to December 2020 (each month)
Gomasasca M.A et ali (2020) CNR-IREA	MISIONES DE COPERNICUS SENTINEL PARA RECURSOS HÍDRICOS - Copernicus Sentinel Missions for Water Resources	http://www.informaticahabana.cu/sites/default/files/ponencia-2020/GEO116.pdf	16-20/03/2020



Hofer, Barbara; Casteleyn, Sven ; Aguilar-Moreno, Estefanía; Missoni-Steinbacher, Eva-Maria; Albrecht, Florian; Lemmens, Rob; Lang, Stefan; Albrecht, Jochen; Stelmaszczuk-Górska, Martyna; Vancauwenberghe, Glenn; Monfort-Muriach, Aida/FSU EO	Complementing the European Earth Observation and Geographic Information Body of Knowledge with a Business-oriented Perspective	Transactions in GIS; 2020-Jan-TGIS-ORA-2204.R1	28/03/2020
NEREUS	NEREUS Annual report 2019 (http://www.nereus-regions.eu/wp-content/uploads/2020/06/Annual-report-2019.pdf)	EO4GEO activities	May 2020
Satriano, V., Colonna, R., Filizzola, C., Genzano, N., Lacava, T., Pergola, N., Tramutoli, V.	The Copernicus Young Ambassador Day: a replicable example for new technologies uptake by SMEs and Local Regional Authorities	https://doi.org/10.5194/egusphere-egu2020-8927	06/05/2020
Spizzichino, D., Cipolloni, C., Comerci, V., Congi, M., Delfini, C., Ferrigno, F., Leoni, G., Ventura, R., and Guerrieri, L. ISPRA	Integrated application of Remote sensing and Cultural heritage : the EO4GEO project scenarios	Spizzichino, D., Cipolloni, C., Comerci, V., Congi, M., Delfini, C., Ferrigno, F., Leoni, G., Ventura, R., and Guerrieri, L.: Integrated application of Remote sensing and Cultural heritage : the EO4GEO project scenarios, EGU General Assembly 2020, Online, 4–8 May 2020, EGU2020-10914, https://doi.org/10.5194/egusphere-egu2020-10914 , 2020	06/05/2020
PLUS, UJI, ITC, KU Leuven, Hunter College	Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective	https://onlinelibrary.wiley.com/doi/full/10.1111/1/tgis.12628	14/05/2020
Nevistić, Zvonimir; Bačić, Željko / GEOFF	Economic aspects of UAV application in changes detection monitoring	GEA (Geo Eco-Eco Agro) International Conference - Book of Abstracts 28 May 2020, Podgorica, Montenegro Podgorica, Montenegro, 2020. str. 259-259	29/05/2020
Crompvoets, Joep / KU Leuven Bačić, Željko; Poslončec-Petrić, Vesna / GEOFF	Survey report - Academia-Business Survey on Needs and Cooperation in Field of Spatial Data Infrastructures	Book: Survey report - Academia-Business Survey on Needs and Cooperation in Field of Spatial Data Infrastructures, Leuven: EuroSDR Secretariat, KU Leuven Public Governance Institute.	12/06/2020



Vesna Poslončec-Petrić; Bačić, Željko / GEOF	OBSERVER: Inspiring and empowering the next generation of space data professionals	https://www.copernicus.eu/en/news/news/observer-inspiring-and-empowering-next-generation-space-data-professionals?fbclid=IwAR2aE6MZ8hTJ29bqDKGpaDh7HiWhjeE3pAfCl9qZHtva_YHthN0A01bSvGQ	18/06/2020
Barbara Hofer Sven Casteleyn Estefanía Aguilar-Moreno Eva-Maria Missoni-Steinbacher Florian Albrecht Rob Lemmens Stefan Lang Jochen Albrecht Martyna Stelmaszczuk-Górska Glenn Vancauwenberghe Aida Monfort-Muriach/UJI	Complementing the European earth observation and geographic information body of knowledge with a business-oriented perspective	Transactions on GIS.24 (3), 587-601. 2020 http://dx.doi.org/10.1111/tgis.12628	12/7/2020
Delphine Miramont/EARSC	The Earth Observation industry continues to grow	https://eo4geo.medium.com/the-earth-observation-industry-continues-to-grow-bccda34decf4	28/07/2020
PLUS amongst others	Stelmaszczuk-Górska, M., E. Aguilar-Morena, S. Castelyn, D. Vandenbroucke, M. Miguel-Lago, C. Dubois, R. Lemmens, G. Vancauwenberghe, M. Olijslagers, S. Lang, F. Albrecht, M. Belgiu, V. Krieger, T. Jagdhuber, A. Fluhrer, M. J. Soja, A. Mouratidis, H. J. Persson, R. Colombo and G. Masiello (2020). "Body of knowledge for the Earth observation and geoinformation sector - a basis for innovative skills development." International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences XLIII-B5-2020: 15-22.	https://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XLIII-B5-2020/15/2020/	24/8/20
Stelmaszczuk-Górska, M. A., Aguilar-Moreno, E., Casteleyn, S., Vandenbroucke, D., M. Miguel-Lago, Dubois, D., Lemmens, R., Vancauwenberghe, G., Olijslagers, M., Lang, S., Albrecht, F., Belgiu, M., Krieger, V., Jagdhuber, T., Fluhrer, A., Soja, M. J., Mouratidis, A., Persson, H. J., Colombo, R. & Masiello, G./FSU EO	Body of Knowledge for the Earth Observation and Geoinformation sector – A Basis for Innovative Skills Development	ISPRS Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences.	28/08/2020



Stelmaszczuk-Górska, M. A., Olijslagers,M./FSU EO	Newsletter 6: Toward the release of the Body of Knowledge for Earth Observation & Geographic Information sector	Link	14/09/2020
Bačić, Željko; Poslončec-Petrić, Vesna / GEOF	2nd Earth Observation Summit & Eyes on Earth Roadshow	2nd Earth Observation Summit & Eyes on Earth Roadshow // Yearbook of the Faculty of Geodesy, University of Zagreb 2019-2020 / Marendić, Ante, editor (s). Zagreb: University of Zagreb, Faculty of Geodesy, 2020. page 36-38	30/09/2020
Bačić, Željko; Poslončec-Petrić, Vesna / GEOF	Croatian Presidency of the European Union - Council of Europe Space Working Group	Croatian Presidency of the European Union - Council of Europe Space Working Group // Yearbook of the Faculty of Geodesy, University of Zagreb 2019-2020 / Marendić, Ante, editor (s). Zagreb: University of Zagreb, Faculty of Geodesy, 2020. page 27- 29	30/09/2020
Nevistić, Zvonimir; Bačić, Željko; Poslončec- Petrić, Vesna / GEOF	Copernicus Hackathon Zagreb	Copernicus Hackathon Zagreb // Yearbook of the Faculty of Geodesy, University of Zagreb 2019-2020 / Marendić, Ante, editor (s). Zagreb: University of Zagreb, Faculty of Geodesy, 2020. page 30-32	30/09/2020
Nevistić, Zvonimir; Bačić, Željko / GEOF	Wildfire Management on the Croatian Territory	Wildfire Management on the Croatian Territory, The Ever Growing Use of Copernicus across Europe's Regions, page 99.	25/10/2020



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<p>Colonna, R., Tramutoli, V., Satriano, V., Capece, N., Filizzola, C., Genzano, N., ... & Pergola, N.</p>	<p>Experimenting Earth Science labs at University of Basilicata during the Coronavirus-19 pandemic</p>	<p>https://agu.confex.com/agu/fm20/webprogram/Paper752050.html</p>	<p>07/12/2020</p>