INTELCOMP PROJECT

A COMPETITIVE INTELLIGENCE CLOUD/HPC PLATFORM FOR AI-BASED STI POLICY MAKING

(GRANT AGREEMENT NUMBER 101004870)

DISSEMINATION AND COMMUNICATION REPORT. DELIVERABLE D7.5

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EXECUTIVE SUMMARY

The IntelComp project is a Horizon 2020 Innovation Action to build a platform that analyses large volumes of textual data using Artificial Intelligence (AI) services. The IntelComp platform is designed to assist Public Administrations in several stages of the Science, Technology, and Innovation (STI) policy-cycle. It also assists all relevant stakeholders of STI policy (academia, industry, and citizens) to co-create policies in the three specific domains where the platform is tested: R&D in AI, science and innovation in agrifood and energy, and cancer research.

The Dissemination and Communication Plan (DCP) is the planning instrument for the effective communication of the Project activities and the dissemination of its results. This monitoring report on the execution of the DCP describes the channels and materials developed to reach the main target groups of the Plan: Public Administration, Society, Industry and Academia. It also takes stock of the specific actions carried out during the Project to accomplish the Plan's objectives: raise awareness of the Project; disseminate its results; and initiate the engagement and support of external actors to the Project. The communication of the Project activities to external actors to inform and promote our activities aims at objectives 1 and 3, while Objective 2 is related to spreading the results of the Project.

The IntelComp project has successfully carried out its DCP, ensuring continuous visibility to project activities and results to a wide range of relevant target audiences from Public Administrations, Industry, Academia and Citizen Organisations. As a result, all but one of the targets set in the Key Performance Indicators of the DCP have been reached.

The main achievements of the communication and dissemination activities can be considered:

- **www.intelcomp.eu – the communication and dissemination hub**. The project website has become the nerve centre of the project around which all communications and dissemination activities revolve.

- **Communication and dissemination events to ensure visibility of the project and its results**. The organization of 29 events, 9 of which had a hybrid or physical format. Active participation in 9 international scientific conferences contributing with 8 papers, 1 keynote and 3 talks.

- **Communication and dissemination materials leaving a legacy**. A series of 7 original videos uploaded to YouTube. 3 policy briefs addressing key aspects of the use of AI in STI policymaking, with recommendations to policy makers. 8 scientific publications in open access repositories. The open-source software production is available to industry and SMEs, and different scientific communities through 17 public software repositories (as of 18 Dec. 23).

- **An active and growing community created through a variety of channels.** During its lifetime, the IntelComp project has built a broad community of followers in social media (134 followers in LinkedIn and 124 followers in X, as of 18 Dec. 23) and the regular newsletter (168 recipients). An active Zenodo Community where 23 (as of 18 Dec. 23) project deliverables and reports have been published to leave a legacy.

1. INTRODUCTION

The IntelComp project is a Horizon 2020 Innovation Action to build a platform that analyses large volumes of textual data, varying from government open data to open access scholarly works (e.g. OpenAIRE Graph[1]) using Artificial Intelligence (AI) services. The IntelComp platform is designed to assist Public Administrations and policymakers in several stages of the Science, Technology, and Innovation (STI) policy-cycle: agenda setting, implementation, and monitoring. It also assists all relevant stakeholders of STI policy (academia, industry, and citizens) to co-create policies in the three specific domains where the platform is tested: AI, climate change (energy and agrifood) and health (research on cancer).

The Communication Plan (D7.2), delivered on August 31, 2022, also referred to internally as the Dissemination and Communication Plan (DCP) is the planning instrument for the effective communication of the Project activities and the dissemination of its results. All partners in the consortium are involved and coordinated by FECYT –as the leader of the Communication and Dissemination Task- in the execution of the DCP. They are also encouraged to proactively carry out communication and dissemination activities in agreement and open dialogue with related work package leaders. In July 2021, FECYT sent a survey to all partners in the consortium to create a record of their channels and materials, and to know the third-party events (including scientific international conferences) that they are aware of, to use these instruments and materials for IntelComp communication and dissemination. All partners answered the survey and provided relevant feedback.

This monitoring report on the execution of the DCP describes the channels and materials developed to reach the main target groups of the Plan: Public Administration, Society, Industry and Academia. It also takes stock of the specific actions carried out during the Project to accomplish the Plan's objectives:

- *Objective 1*. Raise awareness of the Project.

- *Objective 2*. Disseminate the results of the Project.

- *Objective 3*. Initiate the engagement and support of external actors to the Project.

The communication of the Project activities to external actors to inform and promote our activities aims at objectives 1 and 3, while Objective 2 is related to spreading the results of the Project.

In this document, we first detail the status of the implementation of the DCP, covering its channels, materials and expected actions. We then provide an update on the values of the Key Performance Indicators of the DCP. Finally, we extract some conclusions from the monitoring of the DCP.

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[1] https://graph.openaire.eu/

2. STATUS OF THE IMPLEMENTATION OF THE DISSEMINATION AND COMMUNICATION PLAN

Section 6 of the DCP outlines its implementation up to December 31, 2021, describing the tasks that were planned to be executed. These tasks related to the development of the channels and materials, and to the events foreseen in the DCP. Of the twenty tasks foreseen in the DCP for 2021, fourteen have been done by the end of 2021, eighteen by the end of 2022 and all of them by the end of the project. The press release and the associated database of news media and journalists have been delayed until the Project results were ready. We provide **updates on the implementation of the DCP since 30 June 2021** in the following points.

2.1. Communication and dissemination channels

The main channels of IntelComp serving the purposes of communication of project activities and dissemination of results are the official website, social media (IntelComp accounts in X, LinkedIn, and YouTube), news media and emailing. The consortium has also relied on several channels aimed specifically at spreading the results of the projects: scientific conferences and journals, and open access repositories (Zenodo and Github).

2.1.1. *IntelComp website (communication and dissemination purposes)*

The Project's website[2] is a strong communication channel to showcase activities to the four target groups of the DCP: Public Administration, Society, Industry and Academia. It's also a pertinent medium for the public disclosure of the results.

In the second year of the project, we introduced a horizontal navigation bar on the website, and in the third year the tools developed by the project were presented in a new section called "Platform". The horizontal navigation bar lists the sections side-by-side and is placed in the website header. The website features the following sections: About, Living Labs, Platform, Outreach, Events and Be Part of IntelComp[3] (Figure 1). The header also includes a text search box to enter the terms to search for.

The footer includes all the logos of the social networks and communities where IntelComp is present (links to YouTube, Zenodo, LinkedIn, X and GitHub accounts), so that web visitors can follow on the activities and results of the project. The website has also been used to promote the events of the project, facilitating the registration of attendees. The website footer also includes the reference to EU funding and the contact data of the Coordinator and Disclaimer and Privacy policy, and Cookies policy are also available there.

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[2] https://intelcom.p.eu/
[3] The "Be Part Of" box section was removed at the end of the project, as Living Labs finished their activities.

Figure 1. Screenshot of the home of the IntelComp website
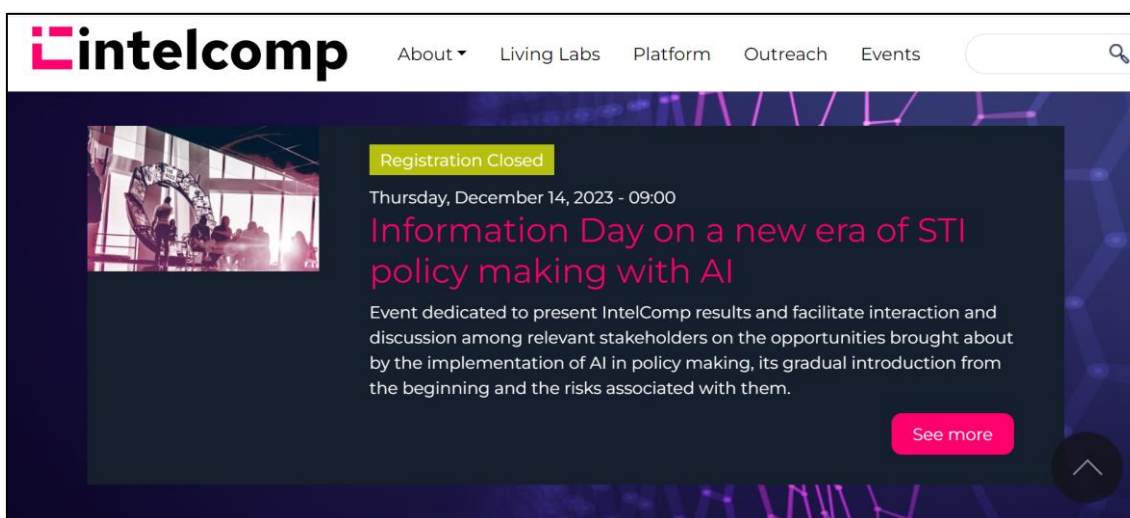
The content of each section of the website is the following:

- *About*. It's structured in five subsections:

    o *The project*. It includes information about the approach and objectives, and links to the Project's policy briefs in Zenodo.

    o *Priority Policy Areas*. This subsection presents the areas where the platform is tested and includes a link to the Report on the Identified Measurements and Data Sources for the IntelComp Platform (D1.2), in Zenodo.

    o *Workpackages*. Here we summarize the Project's workpackages and present their leaders.

    o *Partners*. We present the IntelComp consortium.

    o *Data Driven Policy Cluster*. This section shows the collaboration of IntelComp with other EU projects, i.e., the projects funded under the same H2020 topic, "GOVERNANCE-12 Pilots on using the European cloud infrastructure for Public Administrations", with all the publications of the cluster and a list of its members.

- *Living Labs*. This tab informs about the three Living Labs where we co-create and test the tools. It tracks the use cases of the IntelComp platform, presenting the objectives and advances of each Living Lab. Links to the events of the Living Labs are also provided in this section.

- *Platform*. This tab disseminates the technical content of the IntelComp platform introducing its end-user tools and showing details about the auxiliary tools.

- *Outreach*. In this tab, web visitors can easily find the different types of outreach materials to know the project results: updated list of public deliverables (including the status: draft/accepted), newsletters and scientific publications. There's a text search box at the top of the webpage. Public deliverables are classified by work package and can be accessed through links to the Zenodo community.

- *Events*. Each event is presented with an image, a caption text and the month and year of the event to allow users to follow up on all actions around the project. By the end of the Project, we had disseminated the agenda and the outcomes of 38 events and meetings.

Until the finalisation of the events of the living labs, the website included a *Be Part of IntelComp sections*. There was a webform in this section to keep up to date with the latest news, collaboration and flagship events & webinars of the project, and also to subscribe to the newsletter.

According to the Exploitation Plan (D7.6), on the official website, contact information for the different tools of the IntelComp integrated solution, including the coordinator's contact details, will be published. In the event of potential interest in utilizing the integrated solution or its tools, potential customers can reach out to initiate discussions and establish a suitable collaboration framework.

Following good practices, Google Analytics run on IntelComp website, to measure outreach and engagement. The main analytics for the period 01/01/2022 to 19/12/2023, as a quantified way to present information are:

- 4700 different users have visited the webpage.h

- 37606 Page views were received of which 9569 are classified as sessions (a session is a group of user interactions with the website that take place within a given time frame).

- 52% of the sessions came from direct access (i.e. typing in the URL of the webpage or following a link) representing 52% of the sessions with engagement and 26 (%) of the sessions came from organic searches (Google, etc.) representing 37% of sessions with engagement.

- According to data on web traffic from Google Analytics, the top countries by number of sessions are: Spain (1,1k), Greece (1,1k) United States (760), France (158), Belgium (120), Italy (99) and the Netherlands (97).

2.1.2. IntelComp social media (communication and dissemination purposes)

IntelComp is present in three major social media platforms: X[4], LinkedIn[5], and YouTube[6], which support and build the IntelComp brand. We use social media to communicate the actions of the project, to disseminate its results, to promote other related news and activities, and to support the website of the Project. The information hosted on the IntelComp website is adapted and promoted in social media to attract traffic to the website.

Content plan for social media

The content plan for social media was established by FECYT in accordance with the consortium as a guide to know what content partners had to publish through the different digital channels and what objectives partners intended to achieve with that content. This plan was a guide for

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[4] https://twitter.com/IntelComp_H2020
[5] https://www.linkedin.com/groups/12587102/ and https://www.linkedin.com/company/intelcomp-h2020/
[6] https://www.youtube.com/playlist?list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_

communicating correctly to the outside world, setting out recommendations in terms of frequency, periodicity, type of publications, formats, possible questions to be answered, etc. FECYT and NTT Data have been following up on the correct execution of the plan during the project duration.

X

The IntelComp X account was created on 20th October 2021 and on 18 December 2023 it had 124 followers. The consortium has made a continuous effort to build a broad community of followers in X, following projects, people and organizations that may be interested in IntelComp.

This channel is used to report on activities and events. Figure 2 shows a screenshot of the account profile.

Figure 2. Screenshot of the IntelComp X account profile
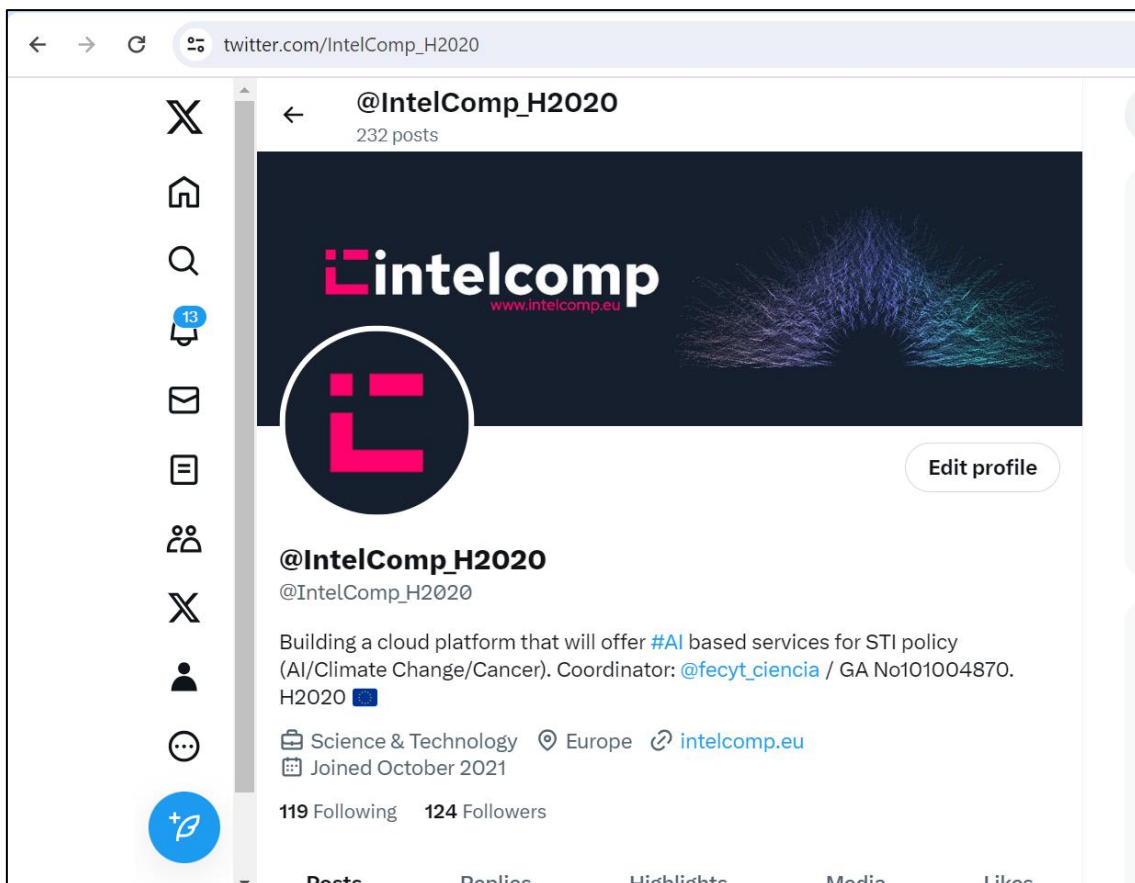
The IntelComp strategy in X is to achieve diffusion through the frequent generation of tweets based on the Project's own activities and related activities. We have a continuous live interaction with followers, tagging relevant actors and EU projects and sharing interesting posts related to the activity of the project. To reach profiles of people, organisations and influencers, related to public policy, artificial intelligence, open access, open science, we follow their social accounts so they follow us back. To achieve maximum diffusion, depending on the objective of each tweet, we seek specific support from the corporate accounts of the partners.

Up to 19 December 2023, we had posted a total of 234 tweets and have had 92 mentions. The most successful tweets were the "Information Day on a New Era of STI policy making with AI" with over 300 impressions and 12,5% engagement rate / IntelComp first results with 1731 impressions, but a low (1%) engagement rate / Artificial Living Lab (24 May) with 3106 impressions but low engagement rate (2%).

LinkedIn

An IntelComp LinkedIn Group was created in October 2021. In September 2022 an open LinkedIn page was created to reach more people. On 18 December 2023, it had 134 followers. During its lifetime, the IntelComp project has built a broad community of followers in LinkedIn through an active social media presence with 52 posts created in 2023 and by following projects, people and organizations that may be interested in IntelComp. LinkedIn is continuously monitored to determine what content is most appealing and compelling to its audience.

This channel is mainly being used to raise awareness of the project and to communicate its activities and disseminate its results to the target groups of Industry and Academia. Figure 3 includes a screenshot of the IntelComp LinkedIn account.

Figure 3. Screenshot of the IntelComp LinkedIn account
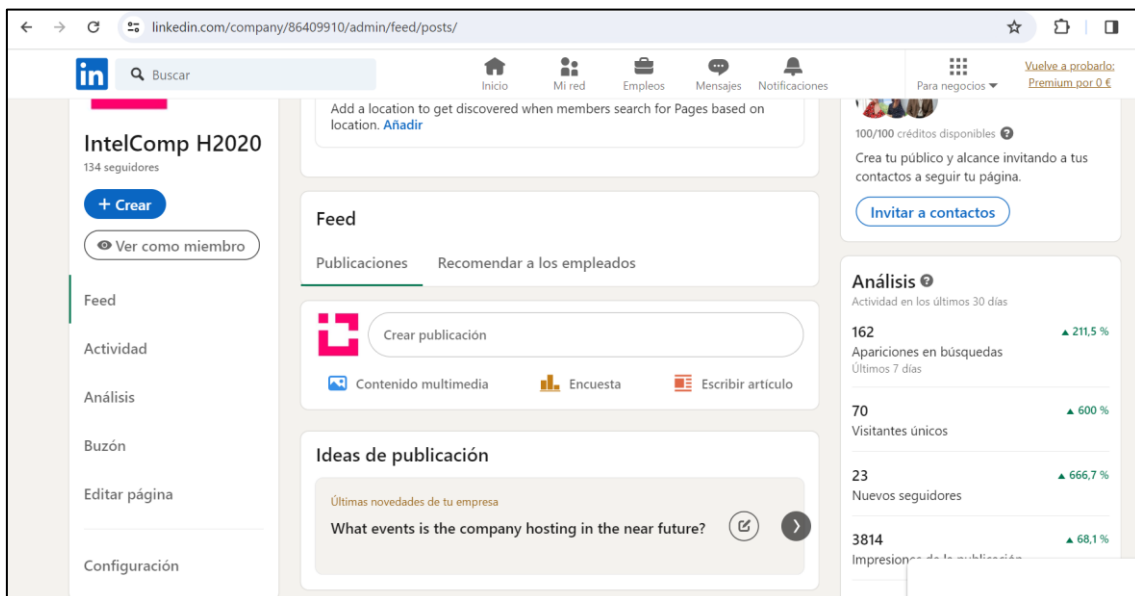
References to the main results of the Project in the LinkedIn group are being published: scientific papers and reports available on the IntelComp Community in Zenodo[7]. Professionals related to the Project are contacted and invited to stimulate an active and fruitful discussion.

By December 20, 2023, the most successful publication by the number of impressions was about "Climate Change Living Lab "Agrifood" with 2160 impressions. By engagement rate, the most successful publication was the promotion post of 3rd IntelComp General Assembly with 35%.

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[7] https://zenodo.org/communities/intelcomp

YouTube

The consortium decided to use the FECYT's YouTube channel for the project, as it has a lot of subscribers (32.8k on December 15th) and it may achieve more impact than an IntelComp channel created from scratch. The YouTube channel has been used to upload different audiovisual materials of the project, in a specific playlist named "INTELCOMP". The total of views reached by all the videos uploaded to the channel is 443 views as of 20th December 2023, with an average of 50 viewers for the dedicated playlist INTELCOMP.

2.1.3. Emailing (communication and dissemination purposes)

The IntelComp community has been growing all along the project thanks to the registrations in the events organized by the project and in the "Be Part of IntelComp" section of the website. All these contacts were centralized in a joint list detailing the type of audience (representative of a Public Administration, academia, industry or citizen association), the living lab domain of interest (R&D in AI, cancer research or climate change) and the country of the contact.

This list has proved quite useful in attracting participants to events and as recipients of the IntelComp newsletter. At the end of 2021 the list had 78 contacts; 133 contacts at the end of 2022 and 168 contacts at the end of the project.

A digital newsletter for the communication of the Project activities and the dissemination of its results has been designed and sent to those mailing lists. According to Mailchimp data, the most successful mailing was the first newsletter, with 56% of openings and 11,5% of click rates. The average of openings was 45% an 7% click rate for all the registered mailings as 20th December 2023.

2.1.4. News media (dissemination purpose)

According to the survey sent to all the partners in the Consortium, none of the organizations have a database of general and/or specialized news of European media and journalists that may be used in the Project. FECYT, as leader of the communication task of the Project, has set up a specialised database to disseminate the results of the Project to its target groups: Public Administrations, Society, Industry and Academia. FECYT has contacted the European Parliament's Communication team and the European Commission to include best fit contacts on the list. In response, FECYT has prioritised two news outlets, *The Company – Research Professional News* and also *Science Business Publishing International*, considering its closeness to science topics. The Spanish Permanent Representation to the European Union has also provided a complete catalogue of contacts for radio, TV & newspapers correspondents as well as news agencies, pointing out that they mainly lack specialisation in R&D topics, but are always interested and eager to inform about European topics.

2.1.5. Scientific conferences and journals (dissemination purpose)

Work Package (WP) 7 of the Project (Engagement, Dissemination and Sustainability) has a dedicated task for scientific dissemination (Task 7.5). The objective of this task is to coordinate

and follow up on the scientific dissemination of IntelComp results. The scientific community can consult and reuse IntelComp scientific publications[8].

Task 7.5 was foreseen to start in 2022. Nonetheless, some preparatory actions took place in 2021, including the general set up for the coordination and the implementation of the task. These preparatory actions were carried out jointly by the coordination team and the WP and task leaders to establish an overall strategy for scientific dissemination and define an internal workflow for the management and follow up of the task.

These preparatory actions in 2021 resulted in:

- *The identification of potential journal and international conferences*, taking into account the interdisciplinary nature of the consortium and its main dimensions: the technical dimension as well as the applied dimension, i.e. STI policy making. A list of potential journals and international conferences was created collaboratively with the feedback from the different partners.

- *The establishment of quality criteria for scientific dissemination.* Criteria were established for journals and international conferences. For journals, it was expected to be an indexed journal. For conferences, two aspects were foreseen: being international and publishing proceedings based on a peer reviewed process.

- *The monitoring of the progress of this task.* The progress of this task has been addressed in the periodic follow-up meetings of WP7 and the monthly Steering Board meetings, based on the internal living document created to keep record of all scientific publications resulting from IntelComp activities.

IntelComp teams have been active in disseminating results since 2021 and they already submitted some articles for journals and conferences in the last months of 2021. In 2022 and 2023, having the framework set for this task, teams continued to submit manuscripts to international conferences and articles to journals. Several scientific contributions were accepted.

Moreover, the consortium has participated in other scientific conferences with papers, talks and demos not published in conference proceedings. IntelComp was also a Project Sponsor of the international event *Open Science Fair 2023*, 25-27 September in Madrid, Spain[9], and participated with a keynote, a demo and a light talk.

2.1.6. *Open access repositories (dissemination purpose)*

The IntelComp community in Zenodo is set up[10], as well as an account in GitHub[11]. These repositories allow for the showcase and dissemination of the IntelComp results not only to Academia but also to Public Administrations and European industrial stakeholders, including SMEs.

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[8] Scientific publications are available on the project website: https://intelcomp.eu/outreach
[9] http://opensciencefair.eu/
[10] https://zenodo.org/communities/intelcomp/
[11] https://github.com/IntelCompH2020

In Zenodo, as of 18 December 2023, 21 publications (15 deliverables, 5 reports and 1 Data Management Plan) and 2 presentations are in the community "Material from the IntelComp project", all with open access rights (Figure 4).

Figure 4. Screenshot of the IntelComp Zenodo community
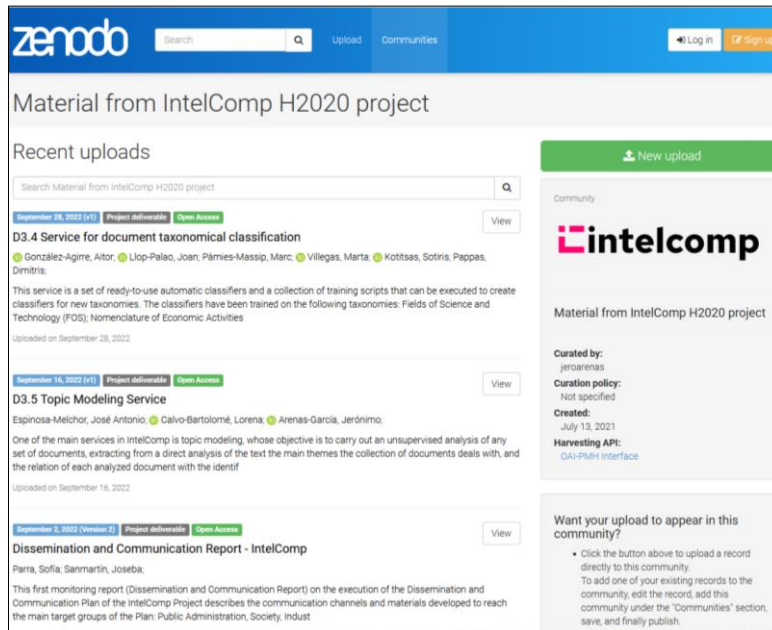
In the IntelComp GitHub account, there are 16 public software repositories (Figure 5) as of 18 Dec. 2023. Not only scientists but also SMEs or policy analysts using AI for policy can reuse the software and go a step forward. This is one of the main channels of the Project to generate impact, for instance, on SMEs.

Figure 5. Screenshot of the IntelComp public software repositories in GitHub
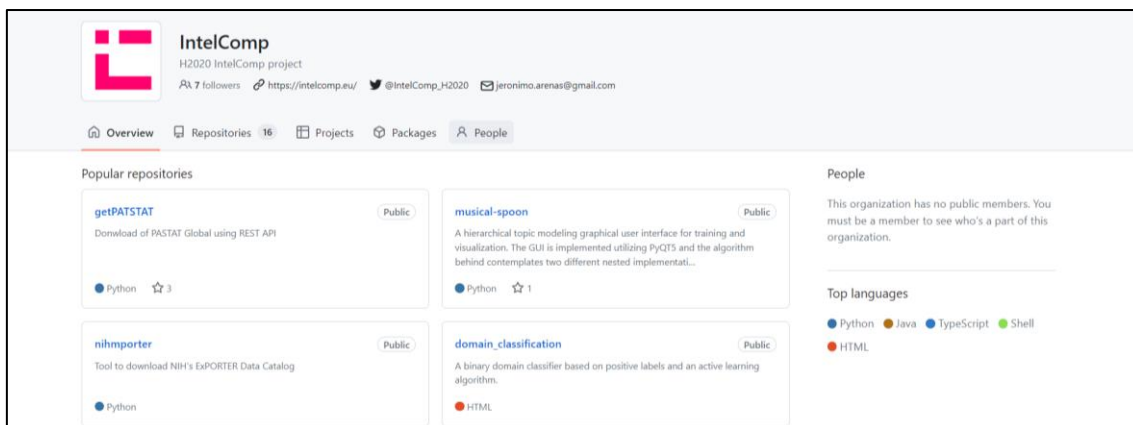
2.1.7. Partners' communication and dissemination channels

A survey was sent out to consortium partners to gather information on which channels they regularly use to communicate their activities, and to disseminate their results. Nine out of thirteen partners planned to use their websites to communicate IntelComp activities. Most of

them focus on the target groups of Society and Academia, and some on Public Administrations/Policy Makers and Industry.

Some partners have a dedicated website space for IntelComp (i.e. ARC[12], BSC[13], CITE[14], OpenAIRE[15] and ZSI[16]) and most of the partners' websites include information on the project's events and news (e.g. the CITE website[17], the FECYT website[18] and the SEDIA website[19]). The OpenAIRE network newsletter is also used to communicate IntelComp's activities[20].

2.2. Communication and dissemination materials

The consortium has created a series of promotional materials and arranged an interview to communicate about the Project. We have also produced materials that serve both communication and dissemination of results purposes: 4 newsletters and 7 videos.

To describe the results of the project the consortium has issued a press release and 3 policy briefs. And the consortium has been very active in the scientific dissemination of its results to academia but also to industry and SMEs. We have disseminated the results of the projects through 8 scientific publications and have made available 16 software solutions in public repositories.

2.2.1. Promotional materials (communication purpose)

FECYT has produced an e-leaflet for multiple digital channels, a flyer version of the leaflet and a roll-up for physical events. These materials have been distributed in the Living Lab events. They contribute to the two objectives of the DCP related to communication: raise awareness of the Project and engage external actors to it. For instance, the HFRI partner participated at the Thessaloniki International Fair 2022 promoting the IntelComp project[21] through the leaflet (Figure 6) and the IntelComp project had a booth as a sponsor of the Open Science Fair 2023.

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[12]   https://www.athenarc.gr/en/institute-language-and-speech-processing/projects/competitive-intelligence-cloudhpc-platform-ai

[13]   https://www.bsc.es/es/research-and-development/projects/intelcomp-competitive-intelligence-cloudhpc-platform-ai-based-sti

[14] https://www.cite.gr/Intelcomp

[15] https://www.openaire.eu/intelcomp-project

[16] https://www.zsi.at/en/object/project/5739

[17] https://www.cite.gr/list-type-content/announcement?q=node/699

[18] https://www.fecyt.es/es/noticia/fecyt-coordina-la-creacion-de-la-plataforma-intelcomp

[19] https://plantl.mineco.gob.es/tecnologias-lenguaje/comunicacion-formacion/noticias/Paginas/Evento-STI-Viewer-(Intelcomp).aspx

[20]   https://www.openaire.eu/archive/319-openaire-newsletter-november-2021?format=raw&tmpl=raw&userid=-

[21]   https://www.linkedin.com/company/hellenic-foundation-for-research-and-innovation/posts/?feedView=all

Figure 6. Distribution of the IntelComp leaflet at the Thessaloniki International Fair 2022

2.2.2. Interview (communication purpose)

To inform Society about the progress of the Project, it is wise to use the interview format to "translate" what experts in the areas are saying to the general public. This approach is more comprehensive to the audience that has an interest in the topic. For this purpose, an interview with the Project Coordinator was conducted and disseminated through the newsletter of the OpenAIRE partner[22].Though it was foreseen to interview well-known experts in AI for STI policy, the cost associated with these interviews was considered too high. Constant and short communication in social media had been preferred to inform Society about the Project activities and results.

2.2.3. Newsletters (communication and dissemination purposes)

The newsletter aims to inform about the Project activities (e.g. events of the living labs, Living Lab events, events in which we have participated to disseminate IntelComp, etc.) and results.

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[22] https://www.openaire.eu/blogs/ai-driven-science-technology-and-innovation-sti-policy

The first release of the newsletter (Figure 7) was sent via MailChimp in March 2022, in the first phase of the co-creation stage of the living labs, as stated in the Engagement Plan of the Project (D7.3).

Figure 7. Screenshot of the first IntelComp newsletter

The consortium sent the second newsletter to the mailing lists in January 2023. It gave an overview of the main actions of 2022 and kept the recipients updated about the upcoming activities of the projects. In June 2023, the external stakeholders interested in the IntelComp project received a new issue of the newsletter. Besides summarizing the previous and future activities of IntelComp, this issue highlighted the scientific publications and public deliverables.

The last IntelComp newsletter #4 was sent in December 2023 to the mailing lists. We invited our contacts to go through our main achievements and the results we have developed, and to discover the 6 tools that make up the IntelComp integrated solution. All the issues of the newsletter are available on the outreach section of the website[23].

2.2.4. Audiovisual materials (communication and dissemination purposes)

FECYT's YouTube channel has been used to upload different audiovisual materials of the project, in a specific playlist named "INTELCOMP". The playlist contains 7 videos[24]: two webinars of

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[23] https://intelcomp.eu/outreach
[24] https://www.youtube.com/watch?v=D7okLM-1MsM&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_

IntelComp tools (the Interactive Model Trainer and the OpenAIRE Graph) and 5 videos of the events of the AI Living Lab[25]:

- On September 20, 2022, IntelComp organized together with the other projects in the Data Driven Cluster, the workshop "Disruptive technologies accelerating data-driven policymaking in the public sector" at the European Grid Infrastructure (EGI) Conference 2022. A demo of one of the IntelComp tools, the Interactive Model Trainer, was presented at the conference.

- The IntelComp Project hosted on October 24, 2022, its AI Living Lab kick-off event in Madrid at FECYT.

- The AI Living Lab organized an online workshop on June 6th, 2023, centered around the Interactive Model Trainer tool.

- The AI Living Lab also organized a hybrid workshop on September 27th, 2023, to present the use case of R&D in AI, in the STI Viewer tool.

- The Climate Living Lab organized a hybrid national infoday in Greece on November 20th, 2023, with online streaming.

- The final event of the AI Living Lab took place on November 27th, 2023.

Figure 8 provides a screenshot of the IntelComp playlist on YouTube.

Figure 8. Screenshot of the IntelComp playlist on YouTube
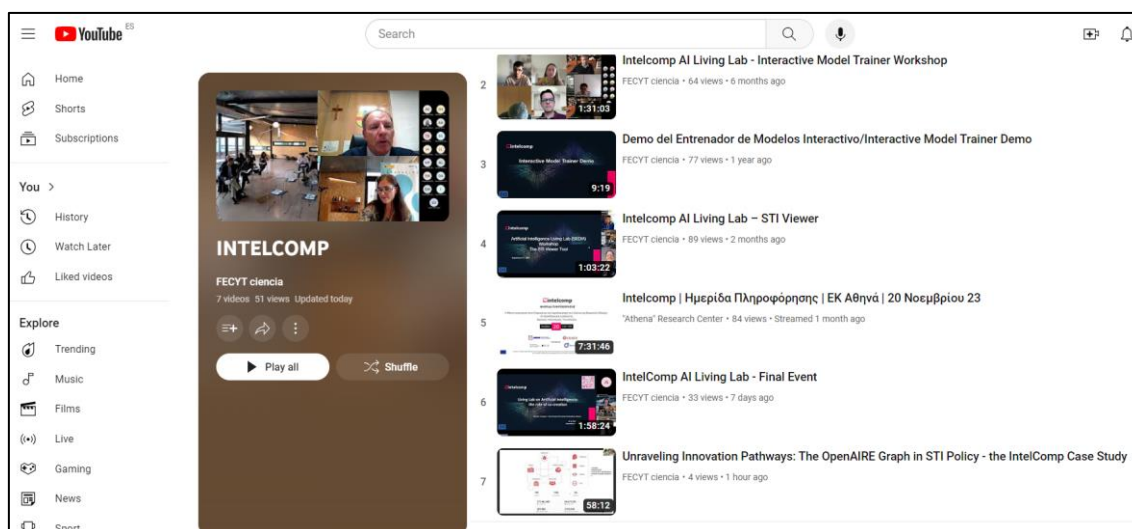
Moreover, in October 2022, IntelComp participated in the Open Access Week 2022 initiative, through the OpenAIRE partner[26]. Along with the DECIDO project[27], member as IntelComp of the Data Drive Policy Cluster, the IntelComp Coordinator presented the project in a Knowledge Café session "Open Data in the forefront: driving policy decisions for climate justice". Additionally,

[25] The events of the other Living Labs were not recorded in accordance with participants' desire.
[26] https://www.openaire.eu/oaweek2022
[27] https://www.decido-project.eu/

the leader of the Climate Change Living Lab presented the work performed on the topic by IntelComp. The recording of the session is available on the OpenAIRE YouTube account[28].

2.2.5. *Press release (dissemination purpose)*

According to the DCP, in December 2023, FECYT sent a press release to its database of media and distributed it among partners to disseminate the results of the project and attract media attention[29]. We presented the main achievements reached, our tools and how to use the IntelComp platform[30].

2.2.6. *Policy briefs and reports (dissemination purpose)*

The Project has also produced three policy briefs aimed at Public Administrations/Policy Makers on the IntelComp benefits for STI policy making:

- A generic brief on the use of AI-based tools for STI policy[31].

- A synthesis of the approach of the project to use AI tools for STI policy[32].

- A final policy brief on the opportunities brought about by the IntelComp tools and their introduction at Public Administrations.

These policy briefs are one of the exploitation pathways of the project according to the Exploitation Plan (D7.6). They are policy contributions for the use of AI in STI policy.

Moreover, the five projects (Policy Cloud[33], Decido AI4PublicPolicy[34], DUET[35] and IntelComp) in the Data Driven Policy Cluster have produced a series of reports, available on the IntelComp website[36] (Figure 9):

- Roadmap for "Using the European Cloud Infrastructure for Public Administrations"[37], which includes several ideas from the IntelComp consortium.

- Joint Policy Brief "Co-Creation and Stakeholder Engagement for Evidence Based Policymaking"

- Joint Policy Brief "Policy Prediction, the Future of Evidence-Based Policymaking?"

- Joint Policy Brief "Governance Ethics for Evidence Based Policymaking".

- Post Event Report: Evidence Based Policymaking in Europe Summit 2021.

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[28] https://www.youtube.com/watch?v=6vD4UtTt088
[29] https://twitter.com/IntelComp_H2020/status/1737861385906762178
https://www.linkedin.com/feed/update/urn:li:activity:7143623534202839042
[30] A version in Spanish was also released, e.g. https://www.fecyt.es/es/noticia/el-proyecto-intelcomp-desarrolla-con-exito-su-plataforma-para-la-politica-de-ciencia
[31] https://zenodo.org/record/5541595#.Yt-uV4RBzgh
[32] https://zenodo.org/record/7755918
[33] https://www.policycloud.eu/
[34] https://ai4publicpolicy.eu/
[35] https://www.digitalurbantwins.com/
[36] https://intelcomp.eu/data-driven-policy-cluster
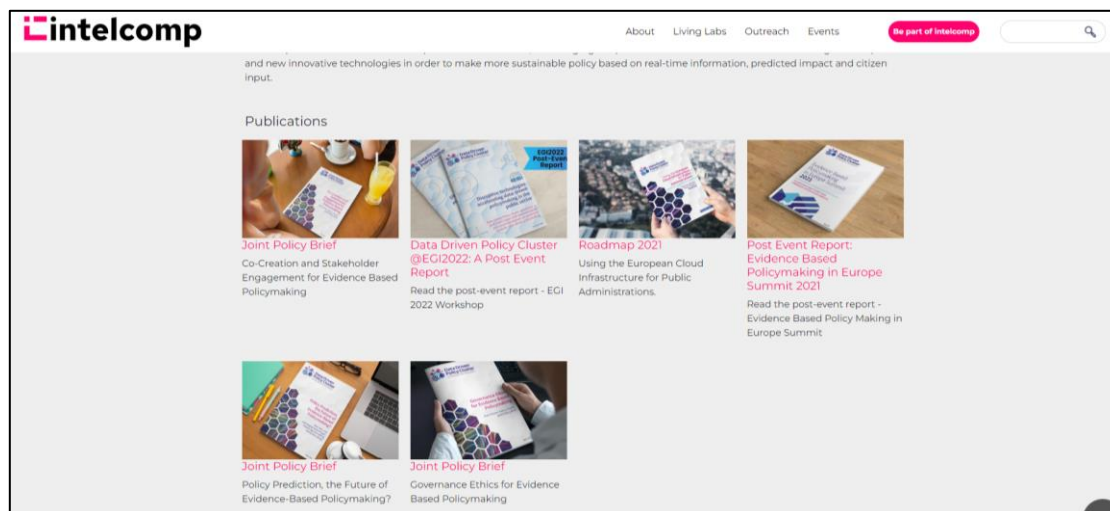[37] https://zenodo.org/record/5681330#.YbNNJdDMI2y

- Data Driven Policy Cluster @EGI2022: A Post Event Report.

Figure 9. Publications of the Data Driven Policy Cluster in the IntelComp website

2.2.7. *Journal articles and conference papers (dissemination purpose)*

The consortium has published 8 scientific publications, all of them in open access repositories and with the proper referencing to the EU funding. We've made our results public to scientific communities researching in Natural Language Processing and in STI policy for sustainable development.

The consortium has disseminated the results of the IntelComp project to the Natural Language Processing scientific community with 2 journal articles and 4 conference papers:

- The journal article "Validation of Scientific Topic Models using Graph Analysis and Corpus Metadata", published in *Scientometrics*[38] (open access funding provided thanks to the CRUE-CSIC agreement with Springer Nature).

- The journal article "SCINOBO: a novel system classifying scholarly communication in a dynamically constructed hierarchical Field-of-Science taxonomy", published in open access in the journal *Frontiers in Research Metrics and Analytics*[39].

- The contribution to the international conference 8th Workshop on Argument Mining, "Argumentation Mining in Scientific Literature for Sustainable Development" has been published, in open access, in *Proceedings of the 8th Workshop on Argument Mining*[40].

- The contribution to the 2nd International Workshop on Scientific Knowledge: Representation, Discovery, and Assessment, "SciNoBo: A Hierarchical Multi-Label Classifier of Scientific Publications", published in the open-access repository *ArXiv*[41].

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[38] https://link.springer.com/article/10.1007/s11192-022-04318-5

[39] doi: 10.3389/frma.2023.1149834

[40] https://aclanthology.org/2021.argmining-1.10/

[41] https://arxiv.org/pdf/2204.00880.pdf

- One of the main papers presented at the 17th Conference of the European Chapter of the Association for Computational Linguistics (EACL), "A weakly supervised textual entailment approach to zero-shot text classification". IntelComp also showed a system demonstration of the Interactive Topic Model Trainer tool at the same conference. Both contributions are published in open access in the conference proceedings[42].

In the realm of STI policy for sustainable development, the consortium has produced 2 scientific publications:

- The journal article "Preparatory living lab workshops under the IntelComp platform: An enabler of the solution for sustainability challenges of climate change in Greece", published in open access in the *Frontiers in Environmental Economics Journal, Economics of Climate Change[43]*.

- The contribution to the International Conference on Sustainable Development 2021, "Accelerating science driven blue growth via a competitive intelligence cloud/HPC platform for AI-based STI policy making" has been published, in open access, in the peer-reviewed *Environmental Sciences Proceedings*[44].

2.2.8. *Public software repositories (dissemination purpose)*

Documentation regarding the open-source software production is available to industry and SMEs, and different scientific communities (e.g., Machine Learning and Natural Language Processing for STI policy) through 16 public software repositories of the IntelComp Project in the Github platform[45] and 1 service in the AI Community's Hugging Face[46].

The public repositories in the IntelComp Github include, among others, the scalable Natural Language Processing pipeline, services for text-based AI (document domain selection, taxonomical classification and topic modelling) and components of the IntelComp platform tools (survey tool, back-end of the Evaluation Workbench, Graph Analysis Toolbox. The zero-shot classification service is available in Hugging Face.

2.3. Communication and dissemination actions

The communication and dissemination actions involve not only the 29 events organized by the consortium but also the participation of the consortium in 14 third parties' events to inform about the IntelComp project and the internal meetings of the project. These activities have fed the channels of IntelComp with content (website[47] and social media) and they were also shared in the partners' websites and social media accounts to achieve maximum impact.

We have used the IntelComp website and the social media accounts to announce the consultation and preparatory workshops, the workshops organized by the Living Labs and the

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[42] https://aclanthology.org/2023.eacl-main.22/;https://aclanthology.org/2023.eacl-demo.6/

[43] https://doi.org/10.3389/frevc.2023.1100493

[44] https://www.mdpi.com/2673-4931/15/1/68

[45] https://github.com/IntelCompH2020

[46] https://huggingface.co/BSC-LT/sciroshot

[47] https://intelcomp.eu/events

internal events of the consortium. The consortium has also had an active role in the events organized by the Data Driven Policy Cluster, with the participation of some partners as speakers and the diffusion of these events through corporative and personal social media accounts.

With respect to the participation of the consortium in third parties' events, partners have contributed to several international conferences and workshops.

2.3.1. Events organized by the project

The consortium has organized a total of 29 events, 4 of them together with the Data Driven Policy Cluster.

Opening event (communication purpose)

The consortium organized a virtual (due to the COVID-19 pandemic) opening event on April 27th, 2021. 85 people, external to the consortium and part of them, attended the event[48].

3 consultation workshops (communication purpose)

The WP1 Lead (TGB) organized three virtual (due to the COVID-19 pandemic) consultation workshops in the AI[49], climate[50] and health[51] domains, which attracted 60 unique attendees.

7 Climate Change Living Lab preparatory workshops (communication purpose)

Since the first version of the Dissemination and Communication Plan (i.e. since June 2021), in the framework of WP6 Living Labs, the Climate Change Living Lab has organized seven virtual preparatory workshops that aimed to unfold the most significant areas of Climate Change in Greece, i.e. Agrifood and Energy. They focused on climate change and its interconnection with blue growth in the European area, by acknowledging that effective climate related policies require a holistic and inter-regional and international approach. The targeted audiences of these workshops were institutes and research innovation centers; universities and educational institutions; civil society organisations; and public and regulatory authorities outside of the consortium. The dates and titles of these workshops were:

- "Kick-off of the preparatory workshops in the Climate Change Living Lab"[52], June 28, 2021).

- "Understanding the gap between knowledge and action":
  - July 30, 2021. The Mediterranean Sea Group[53].
  - October 8, 2021. The Black and Caspian Sea Group[54].

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[48] https://intelcomp.eu/events/opening-event-virtual

[49] https://intelcomp.eu/events/consultation-workshop-sti-policy-needs-domain-artificial-intelligence

[50] https://intelcomp.eu/events/stakeholder-consultation-sti-policy-needs-domain-climate-change

[51] https://intelcomp.eu/events/consultation-workshop-sti-policy-needs-domain-health-cancer

[52] https://intelcomp.eu/events/intelcomp-project-preparatory-living-lab-workshops-sustainable-blue-growth-under-climate

[53] https://intelcomp.eu/events/july-30-consultation-workshop-climate-change-and-blue-growth-mediterranean-group

[54] https://intelcomp.eu/events/october-8-consultation-workshop-climate-change-and-blue-growth-black-and-caspian-sea-group

- "Climate change and energy":

  - October 29, 2021. The Mediterranean Sea Group:[55].

  - December 17,2021. The Black and Caspian Sea Group[56].

- "Industry and climate change":

  - January 28, 2022. The Mediterranean Sea Group[57].

  - February 25, 2022. The Black and Caspian Sea Group[58].

These 7 workshops, together with the 3 consultation workshops organized by WP1 in June 2021, were a steppingstone for the activities of the Living Labs in WP6 of the Project. They contribute to two of the three objectives of the IntelComp Dissemination and Communication Plan: raise awareness of the project and support the engagement of external actors in the project to gather their requirements for the tools of the platform.

12 Living Lab events (communication and dissemination purposes)

The Living Labs have organized a total of 12 events. These events had two main goals. The first was to showcase the development of the IntelComp tools to ministries and funding agencies, and policy stakeholders from academia, industry and society. The second was the engagement of external actors from Public Administrations and policy stakeholders, to further refine the knowledge of their requirements for the tools, so that the resulting tools were exactly tailored to the needs of those actors.

In the **AI Living Lab**, the partner SEDIA (the Spanish Secretary of State for Digitization and Artificial Intelligence) has organized 5 events:

- *Kick-off event of the AI Living Lab*, on October 24th, 2022. 52 people attended the hybrid event and 27 of them were external stakeholders from academia (12 people), industry (7 people from big firms like Telefónica, several SMEs and industry associations), society (3 people) and public administrations outside of the consortium (5 people)[59]. The event served to engage specific potential users to further refine the knowledge of their requirements (Figure 10).

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[55] https://intelcomp.eu/events/october-29-consultation-workshop-climate-change-and-energy-mediterranean-sea-group

[56] https://intelcomp.eu/events/december-17-consultation-workshop-climate-change-and-energy-black-and-caspian-sea-group

[57] https://intelcomp.eu/events/consultation-workshop-climate-change-and-blue-growth-mediterranean-sea-group

[58] https://intelcomp.eu/events/consultation-workshop-climate-change-and-blue-growth-black-and-caspian-sea-group

[59] https://intelcomp.eu/events/october-24-ai-living-lab-kick-event

Figure 10. Image of the kick-off event of the AI Living Lab on the IntelComp website

- *Training session on the Interactive Model Trainer*, on March 21st, 2023. The aim of this session was to train SEDIA officials in the use of the Interactive Model Trainer tool[60] (Figure 11). It took place at SEDIA premises.

Figure 11. Photo of the Interactive Model Trainer Training Session at SEDIA


- *Interactive Model Trainer workshop,* on June 6th, 2023. 27 people attended this virtual event and 8 of them were external stakeholders from academia (3 people), industry (1 person from the largest ICT industry association in Spain) and public administrations outside of the consortium (4 people)[61]. The event served to share with the Living Lab the main functionalities of the Interactive Model Trainer tool and train the stakeholder through a training demo of this tool.

- *STI Viewer workshop, on September 27th, 2023*. 22 people attended this hybrid event that was targeted at policy officers working at Public Administrations. 4 attendants were external to the consortium. In the event, the Living Lab leader (SEDIA) presented the main functionalities of the STI Viewer through a training demo[62].

- *AI Living Lab Final Event, on November 27th, 2023*. 23 people attended this hybrid event, 6 of which were external to the consortitum. This final meeting presented a great opportunity to get acquainted with all the activities that have been developed within the AI Living Lab[63] and included a training demo on the survey component of the STI Policy Participation Portal, one of the end-user tools of the IntelComp platform (Figure 12).

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[61] https://intelcomp.eu/events/artificial-intelligence-living-lab-interactive-model-trainer-workshop
[62] https://intelcomp.eu/events/intelcomp-ai-living-lab-sti-viewer-workshop
[63] https://intelcomp.eu/events/intelcomp-ai-living-lab-final-event

Figure 12. Post about the Training Demo of the survey tool at the AI LL final event
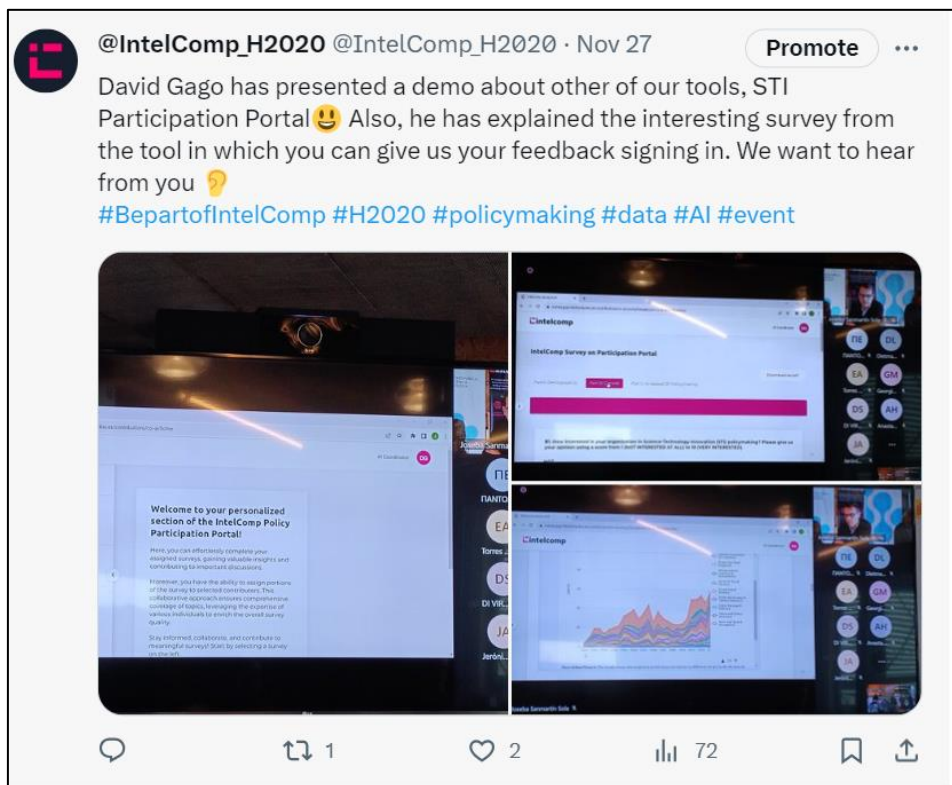
In the **Climate Change Living Lab,** the partner ARC has organized 4 virtual workshops and a national infoday on Energy and Agrifood focusing on Science-Technology-Innovation in Greece. The goals of the events were: Validate the indicators defined during the desk work, identify and prioritize needs for indicators to be developed in IntelComp, and validate the usability of the tool.

- *Workshop to familiarize the participants in the Climate Change Living Lab with the IntelComp STI Viewer tool for Energy*, on December 8th, 2022. The virtual workshop was joined by Elpedison, a leading company in electricity production and supply; Electra Energy Cooperative, a certified social cooperative that supports the transition to a democratic, efficient, and sustainable energy system; DAPEEP, the Renewable Energy Sources Operator market operator; HFRI, the Hellenic Foundation for Research & Innovation; and the Hellenic Centre for Marine Research[64]. Figure 13 shows an screenshot of the virtual workshop.

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[64] https://intelcomp.eu/events/living-lab-climate-change-workshop-intelcomp-sti-viewer-tool-academia-industry

Figure 13. Screenshot of the December 2022 workshop in the Climate Change Living Lab
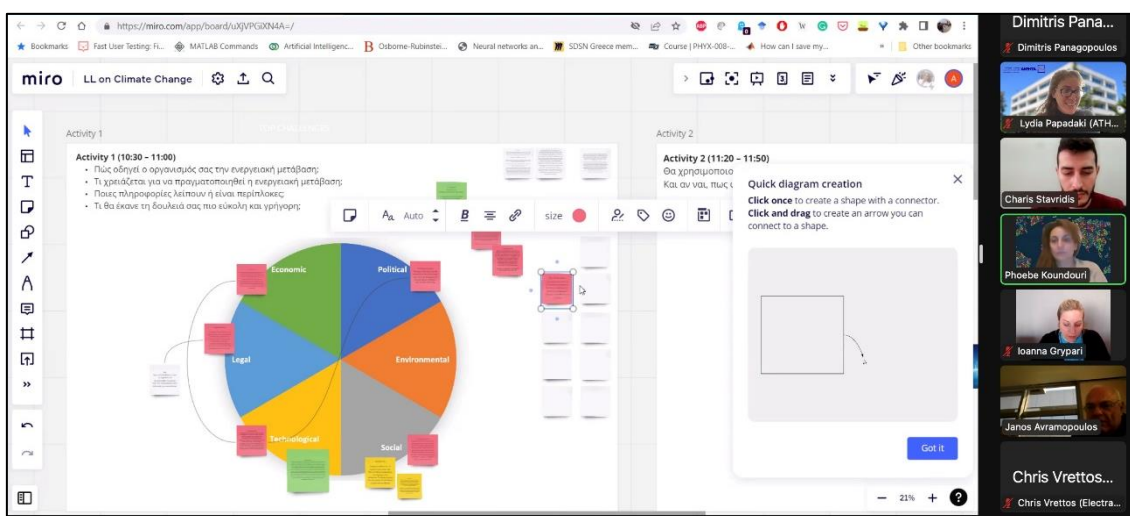
- *STI Viewer for Energy workshop,* on March 22nd 2023. This training demo of the STI Viewer tool gave the chance to participants to familiarize with the STI Viewer and it was attended by policy officers and policy analysts in Greece and EU, specifically, from the Ministry for Environment and Energy (Greece), the Greek General Confederation of Labour, GSRI - General Secretariat for Research and Innovation (Greece), the Hellenic Mediterranean University, the Renewable Energy Sources Operator & Guarantees of Origin (Greece), the Green Tank (Greece), the Athens University of Economics and Business (Greece), the European Commission - Directorate-General for Research and Innovation. Unit B6. Common Data and Knowledge Management Service (Brussels), and Universidad Politécnica of Madrid (Spain). This virtual workshop aimed at the validation of the developed features of the STI Viewer and at its expansion based on the final users' needs[65].

- *STI Viewer for Agrifood workshop,* on June 6th, 2023. This training demo of the STI Viewer tool mostly addressed to policymakers and analysts but also had representatives from Academia and Society. The main topic was agri-food indicators in scientific publications and patents, available in the STI Viewer tool. 15 people registered and 7 attended providing insightful comments and proposals for the STI Viewer. This virtual workshop was attended by policy officers and policy analysts in Greece and EU, specifically, from the OECD - Directorate of Science, Technology and Innovation, the Soil and Water Resources Institute, Hellenic Agricultural Organization "DEMETER", the Soil and Water Resources Institute (SWRI) - Hellenic Agricultural Organisation (HAO), the Foodscale Hub in Greece, American Farm School and the University of Pisa[66].

- *STI Policy Participation Portal for Agrifood workshop*, on October 5th, 2023. This training demo of the STI Policy Participation Portal tool was attended by policy analysts and specialists on AgriFood STI in Greece, specifically, from the General Secretariat for Research

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[65] https://intelcomp.eu/events/climate-change-living-lab-sti-viewer-workshop-energy
[66] https://intelcomp.eu/events/climate-change-living-lab-sti-viewer-workshop-agri-food

and Innovation, Hellenic Mediterranean University, American Farm School, ELIDEK and the organizer (ARC)[67].

- *National infoday in Greece, on November 20th, 2023.* The conference, celebrated at the National Library of Greece, focused on the contribution and contribution of Science, Technology and Innovation on the way to national adaptation and management of the effects of climate change. 98 people registered to this physical event, 47 of which were from organizations external to the consortium[68]. This event included two parallel training sessions on the application of two of the IntelComp platform tools (the STI Viewer and the STI Participation Portal) to the domains of Agrifood and Energy (Figure 14).

Figure 14. Photo of the training sessions at the National Infoday in Greece

In the **Health/Cancer Living Lab,** 2 events were publicly showcased:

- *Workshop to familiarize the participants in the Health/Cancer Living Lab with the IntelComp Interactive Model Trainer tool*, on June 26th, 2023. This physical workshop was attended by 9 participants representing main French Funders on Cancer (INCa, FRM, ITMO, AFM, Institut Pasteur)[69].

- *Final event of the Cancer Living Lab*, on December 11th, 2023. The aim of this online event was to present the application of the Interactive Model Trainer tool to define domain corpus and topic modelling and to present STI Viewer tools applied to cancer data with a focus on projects funded by EU. The workshop was attended by all the main French Funders on Cancer (INCa, ANR, FRM, ITMO, AFM and Fondation ARC) and one research institution (Institut Pasteur).

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[67] https://intelcomp.eu/events/intelcomp-climate-change-living-lab-agri-food-indicators-trends-publications-and-innovation

[68] https://intelcomp.eu/events/national-greece-info-day

[69] https://intelcomp.eu/events/health-living-lab-imt-workshop

Workshop for funders and EC project officers (dissemination purpose)

Partner OpenAIRE organized the physical event "Information day on a new era of STI policy making with AI" on December 14th in Brussels[70]. It was dedicated to present IntelComp results and facilitate interaction and discussion among relevant stakeholders on the opportunities brought about by the implementation of AI in STI policy making, its gradual introduction from the beginning and the risks associated with them.

39 people registered to the event (24 of them external to the consortium, most of the EC officials). The consortium developed an attractive webpage of this event, with profiles of the speakers (Figure 15)., and their presentations were also uploaded there.

Figure 15. Screenshot of the webpage of the info day for EC officials
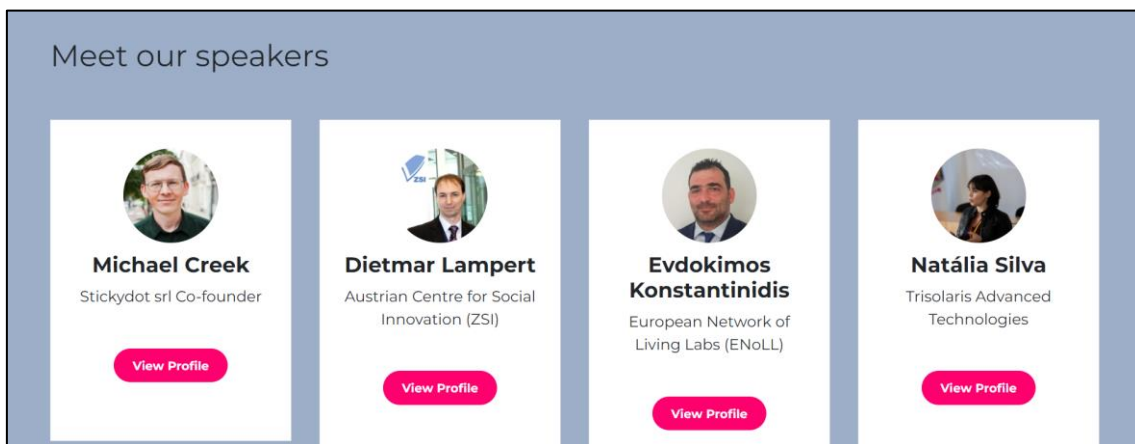
Webinar "Unraveling Innovation Pathways: The OpenAIRE Graph in STI Policy - the IntelComp Case Study"

This webinar on December 20, 2023, explored the OpenAIRE graph as a tool for evidence-based STI policies, using insights from the IntelComp project[71]. The session highlighted how the OpenAIRE graph's open and transparent nature facilitates robust policy analysis, transforming complex queries into actionable insights. Attendees gained an understanding of the graph's ability to navigate STI policy landscapes, as a cornerstone to linking innovation to the various sectors of a society and discover the pivotal role of open data in driving strategic and informed policy decisions.

4 events together with the Data Driven Policy Cluster (communication purpose)

As part of the Data Driven Policy Cluster, on December 9th and 10th 2021, IntelComp co-organized the "Evidence Based Policy Making in Europe" online event[72], to explore major challenges, trends, and opportunities to improve public sector decision making that will deliver healthier, happier places to live and work.

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[70] https://intelcomp.eu/events/information-day-new-era-sti-policy-making-ai
[71]   https://intelcomp.eu/events/webinar-unraveling-innovation-pathways-openaire-graph-sti-policy-intelcomp-case-study
[72] https://intelcomp.eu/events/evidence-based-policymaking-europe-summit-2021

Over 220 people registered for the two days. IntelComp brought speakers from the European Citizen Science Association (ECSA), OCDE and OpenAIRE to the event. Several members of the consortium presented the IntelComp advances in different tracks. Figure 16 shows the banner of the summit.

Figure 16. Banner of the Evidence-Based Policy Making in Europe event

The IntelComp consortium has also organized three workshops and panels together with the Data Driven Policy Cluster in third parties' conferences or forums:

- *In the European Grid Infrastructure (EGI) Conference 2021*[73], on October 20, 2021, the Cluster organised the online workshop "Initiatives for better evidence-based policies in the Public sector", where the five projects presented their goal, use cases and co-creation process and, in particular, the contribution of each project to the European Open Science Cloud (EOSC). Figure 17 includes a screenshot of the IntelComp presentation by the Project Coordinator.

Figure 17. Screenshot of the IntelComp presentation at EGI Conference 2021
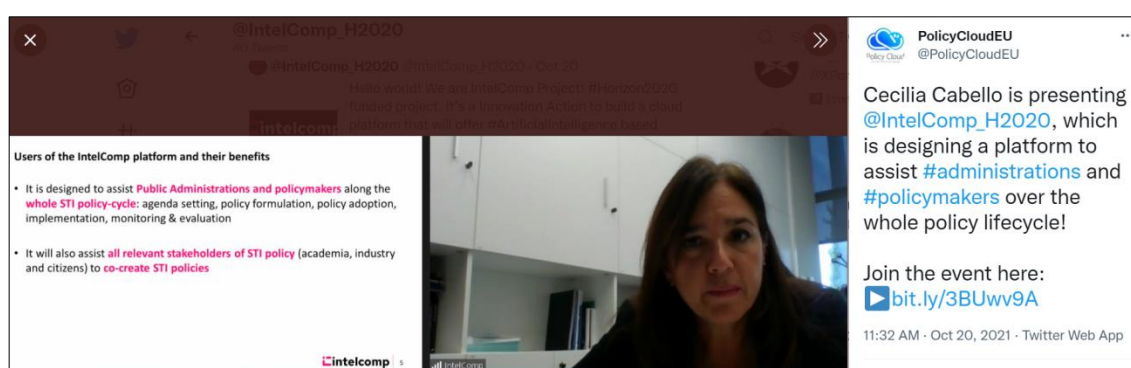
- *At the EGI Conference 2022*[74], on September 20, 2022, IntelComp organized together with the other projects in the Data Driven Cluster the online workshop "Disruptive technologies

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[73]   https://intelcomp.eu/events/20-october-2021-egi-conference-workshop-initiatives-better-evidence-based-policies-public

[74]   https://intelcomp.eu/events/egi-conference-workshop-disruptive-technologies-accelerating-data-driven-policymaking-public

accelerating data-driven policymaking in the public sector". The cluster published a report on this workshop which was also shared on the IntelComp social media.

- *At the Data for Policy Conference 2022*, an international hybrid event, held in Brussels, Hong Kong and Seattle, on December 13, 2022, IntelComp organized together with the other projects in the Data Driven Cluster the panel session "Data usage improving public policies & policymaking". We delved into data re-purposing & sharing for policymaking[75].

List of events organized by the Project

Table 5 provides an update of Table 3 in the DCP: the list of events organized by the Project.

Table 2. List of events organized by the project

Event (KPI-number of attendees)	Specific objectives	Target groups	Content	Status
Virtual opening event (85 attendees)	O1. Raise awareness of the Project. O3. Engage external actors to the project	- EC STI policy makers - Other Public Administrations and stakeholders	- Session 1. The EC STI data system and possible synergies with the IntelComp platform. - Session 2. Looking at the core of the platform: technologies and developments behind the IntelComp platform. - Session 3. The Living Lab approach for co-creating the platform and STI policies in the AI, Climate Change and Health domains.	Done April 27th, 2021
3 virtual consultation workshops (60 unique attendees)	O1. Raise awareness of the Project O3. Engage external actors to the project	- Public Administration - Stakeholders: Academic (Universities, Research Centers…) / Industry Experts / Civil Society Organization or Advocacy Organization Experts.	- Introduction to policy questions: Conceptual framework and explanation of policy cycle focus - "Teaser" Presentation of IntelComp tools - Discussion on policy priorities and corresponding policy questions	Done 8, 10 and 15 June 2021
Virtual joint e-governance event of the Data Driven Policy Cluster	O1. Raise awareness of the Project	Policy makers	Plenary sessions, but also smaller workshops to: - Engage the joint communities of the five projects in the cluster & share best practices between the projects	Done December 9th, 2021 IntelComp has organized three more

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[75] https://intelcomp.eu/events/data-policy-2022

Event (KPI-number of attendees)	Specific objectives	Target groups	Content	Status
(200 registrations)			- Showcase planned results and engage the audience in the ongoing work	workshops or panels together with the Cluster
7 virtual preparatory workshops for the Climate Change Living Lab (16 attendees per workshop)	O1. Raise awareness of the Project O3. Engage external actors to the project	- Institutes and Research Innovation Centres - Universities and Educational Institutions - Civil Society - Public and Regulatory Authorities	This series of workshops has explored the co-development and use of the IntelComp Platform for activities such as a holistic mapping and understanding of the laws, policies, and strategies at international, European, and national level; and an analysis of innovations and new technologies to enhance mitigation and adaptation to climate change	Done 28 June, 30 July, 8 October, 29 October, 17 December 2021 28 January and 25 February 2022
12 events organized by the Living Labs	O3. Engage external actors to the project	Public Administrations and stakeholders (civil society organisations, academia, and industry organisations)	These events have focused on the co-design and co-creation of the IntelComp tools	Done
Event at EOSC Symposium (60 attendees)	O2. Disseminate the results of the Project	Researchers, EOSC officials, EC officials	EOSC and HPC partners will discuss and explore how IntelComp can be an innovation paradigm in the STI domain	IntelComp presentation at the EOSC Symposium 2022 (See 2.3.2. Participation in other events)
Collective European Day (100 attendees)	O2. Disseminate the results of the Project	EC STI policy makers Other Public Administrations	To showcase methods and tools, and disseminate Project's results with the EU community	Done (39 registrations)

5 internal meetings of the consortium (communication purpose)

Once the IntelComp stakeholder community was set up, we've used the IntelComp website and the social accounts to announce 5 internal events of the consortium:

- The third technical meeting of the project[76], in November 2022.

- The second meeting of the General Assembly[77], in December 2022 (Figure 16 below shows an image of a co-creation workshop that closured the meeting).

- The fourth technical follow-up meeting of Intelcomp[78], in March 2023.

- The fifth technical meeting of the project[79], in July 2023.

- The third meeting of the General Assembly[80], in October 2023.

Figure 18. Photo of the second meeting of the project General Assembly

2.3.2. Third Party Events

The IntelComp consortium carried out 5 communication actions (one of them in representation of the Data Driven Policy Cluster) for the engagement of specific potential users of the IntelComp platform and has participated in 9 scientific events to disseminate the results of the project to Academia stakeholders.

5 communication actions

The consortium has carried out 5 actions for the engagement of specific potential users of the IntelComp platform in Public Administrations. In these actions, partners have presented the activities of the project and have obtained feedback about the requirements of potential users,

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[76] https://intelcomp.eu/events/intelcomp-technical-meeting-barcelona
[77] https://intelcomp.eu/events/intelcomp-second-general-assembly
[78] https://intelcomp.eu/events/4th-technical-follow-meeting-intelcomp
[79] https://intelcomp.eu/events/technical-meeting-athena
[80] https://intelcomp.eu/events/intelcomp-third-general-assembly

so that the resulting portfolio of tools is exactly tailored to the needs of these actors from ministries and funding agencies.

Partner FECYT actively promoted the project at the Committee for Scientific and Technological Policy (CSTP) of the OECD. This committee is responsible for encouraging cooperation among OECD Members Countries in the field of STI policy. Delegates are government officials working at ministries and research and innovation funding agencies.

- *Workshop of the OECD's Expert Group on the Management and Analysis of R&D and Innovation Administrative Data (MARIAD)*. On March 9. 2021, the IntelComp Technical Coordinator (Jerónimo Arenas – partner UC3M) presented the WP3 of the project at the introductory and scoping workshop of this group.

- *EC-OECD joint workshop "STIP Compass hybrid workshop: Linked open data"*. On June 17, 2022, FECYT presented the project at this workshop (Figure 19). The EC-OECD STIP Compass collects together in one place qualitative and quantitative data on national trends in STI policy[81].

Figure 19. Tweet on the IntelComp participation in the STIP Compass hybrid workshop

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[81] https://stip.oecd.org/stip/
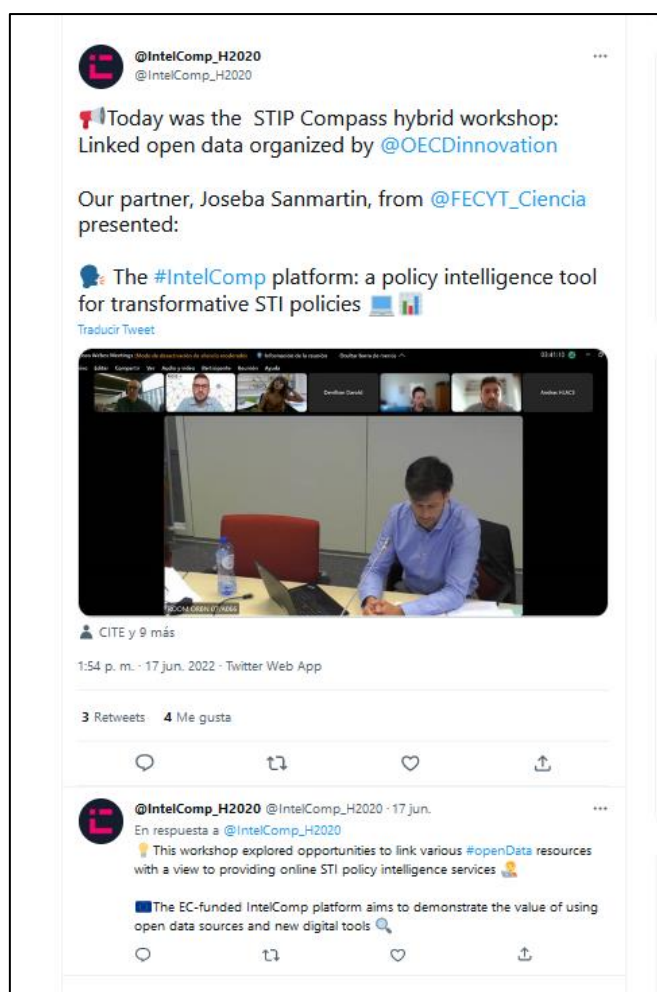
Partner HFRI (the Greek R&D funding agency) participated at the Thessaloniki International Fair in September 2022. It promoted the IntelComp project to research centers and firms interested in the use of AI at HFRI.

Partner OpenAIRE has also communicated the activities of the project to the open science community looking for the engagement of specific potential users among funders of STI activities. OpenAIRE and ARC, contributed to the International Open Access Week 2022 with interactive sessions and thought-provoking panel discussions connected to the theme "Open for Climate Justice".   OpenAIRE joined forces with IntelComp to showcase how Open Science infrastructure and practice support evidence-based policy making related to climate[82]. The IntelComp project was showcased in two sessions:

- The OpenAIRE Research Graph, supporting evidence based R&I indicators (Figure 20).
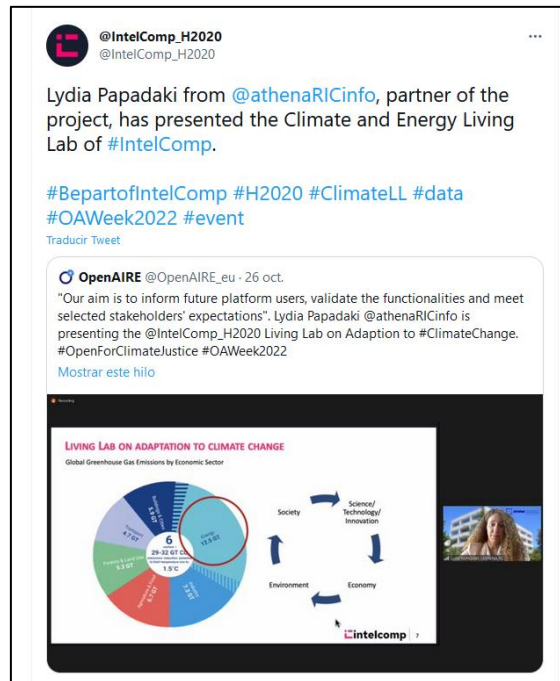
Figure 20. Tweet on the contribution of the OpenAIRE Research Graph to IntelComp

- Knowledge Café: Open Data in the forefront: driving policy decisions for climate justice (Figure 21).

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[82] https://www.openaire.eu/oaweek2022

Figure 21. Tweet on the presentation of the Climate Living Lab in the Open Access Week

Finally, on December 2, 2021, IntelComp represented the Data Driven Policy Cluster at the workshop "Enabling Data economy for Local Communities" in the European Big Data Value Forum 2021 (EBDVF)[83]. Figure 22 shows a screenshot of the Data Driven Policy Cluster presentation by the IntelComp Project Coordinator.

Figure 22. Screenshot of the Data Driven Policy Cluster intervention at the EBDVF 2021
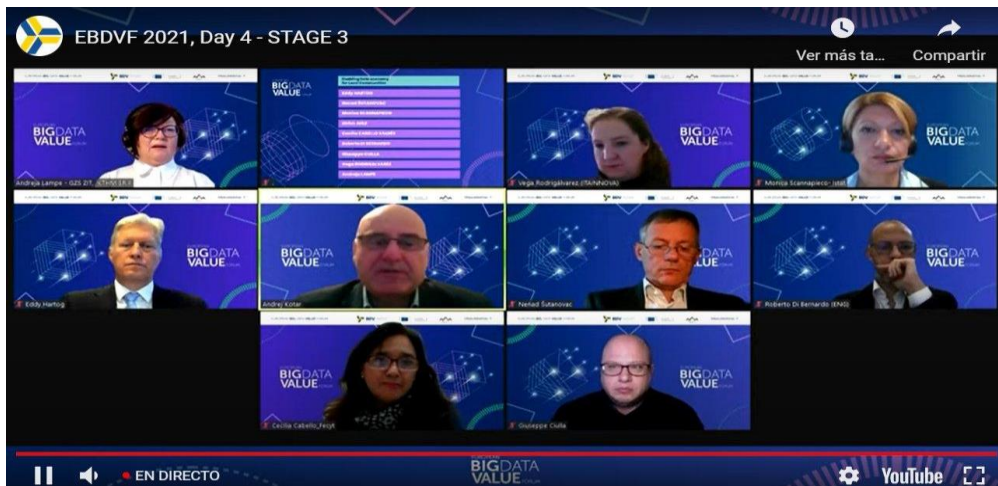
9 scientific dissemination actions

IntelComp partners have participated in 9 international conferences contributing with 8 papers, 1 keynote and 3 talks.

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[83] https://youtu.be/MhcRYfs5fW8?t=2494

The consortium has disseminated the results of the Project to the Natural Language Processing scientific community with 5 papers in 4 international conferences:

- *The 8th Workshop on Argument Mining* (November 10–11, 2021)[84]. Aris Fergadis, Dimitris Pappas, Antonia Karamolegkou, Haris Papageorgiou (partner ARC) presented the paper "Argumentation Mining in Scientific Literature for Sustainable Development".

- *The 2nd International Workshop on Scientific Knowledge: Representation, Discovery, and Assessment* (April 26, 2022)[85]. Nikolaos Gialitsis, Sotiris Kotitsas and Haris Papageorgiou (partner ARC) presented the paper "SciNoBo: A Hierarchical Multi-Label Classifier of Scientific Publications".

- *The VIIth Summer School on Data & Algorithms for STI Studies* (September 21-23, 2022). Lorena Calvo-Bartolomé (partner UC3M) presented the paper "Hierarchical Topic Modeling of the Artificial Intelligence field incorporating experts' knowledge".

- *The 17th Conference of the European Chapter of the Association for Computational Linguistics (May, 2023).* Marc Pàmies, Joan Llop, Aitor Gonzalez-Agirre and Marta Villegas (partner BSC) presented the paper "A weakly supervised textual entailment approach to zero-shot text classification"[86], while Lorena Calvo Bartolomé, José Antonio Espinosa Melchor, Jerónimo Arenas-García showed a demo of the Interactive Topic Model Trainer[87].

The consortium has also disseminated the results of the project to the scientific community interested in the analysis of STI policy, with 3 papers in 3 international conferences:

- In the *9th International Conference on Sustainable Development* (September 20-21, 2021)[88] Professor Phoebe Koundouri (partner ARC), as a featured speaker, presented the paper "Accelerating science driven blue growth via a competitive intelligence cloud/HPC platform for AI-based STI policy making".

- In the *European Forum for Studies of Policies for Research and Innovation (Eu-SPRI)* (June 1-3, 2022) *conference* "Challenging Science and Innovation Policy"[89], Dominique Guellec (partner HCERES), Paresa Markianidou and Lena Tsipouri (partner Technopolis), and Joseba Sanmartín (partner FECYT) presented the speed talk "The IntelComp Platform: A Policy Intelligence Tool for Transformative STI Policies". We've also highlighted this presentation on our website[90].

- In the *27th International Conference on Science, Technology and Innovation Indicators* (September 29, 2023)[91], Ioanna Grypari (partner ARC) and Lena Tsipouri (partner TGB)

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[84] https://2021.argmining.org/

[85] https://sci-k.github.io/2022/

[86] https://aclanthology.org/2023.eacl-main.22.mp4

[87] https://aclanthology.org/2023.eacl-demo.6.mp4

[88] https://ic-sd.org/events/icsd-2021/

[89] https://euspri2022.nl/wp-content/uploads/sites/556/2022/05/Eu-SPRI-2022-extended-abstracts.pdf [see the 122 abstract]

[90] https://intelcomp.eu/events/eu-spri-2022-forum

[91] https://www.sti2023.org

presented the conference paper "Project IntelComp: AI-assisted Research and Innovation Policy-Making."[92].

The Technical Coordinator (Jerónimo Arena-García) introduced the project to the Artificial Intelligence community in Spain, with a presentation at the Seminar on Artificial Intelligence at the University of Seville[93]. This seminar took place on the 14th of June, 2023.

Moreover, the consortium has shown the results of the project to the open science community in 2 scientific conferences with 4 contributions:

- In the *EOSC Symposium 2022* (November 14-17, 2022)[94], Androniki Pavlidou (partner ARC) presented the talk "IntelComp: AI-driven policy making using open scientific data" in the session "Contributions to the EOSC MVE beyond EOSC Future and the INFRAEOSC07".

- In the *International Open Science Fair 2023* (September 25-27, 2023), the partner ARC actively participated with a keynote by Haris Papageorgiou based on IntelComp results[95], a training demo on the IntelComp Catalogue[96] (Figure 23) and a lighting talk and training on the IntelComp STI Data Space[97] (Figure 24).

Figure 23. Photo of the Training Demo on the IntelComp Catalogue at the Open Science Fair

92 https://dapp.orvium.io/deposits/64428ba4f4222ac3f84c5904/view

93 https://www.cs.us.es/blogs/siaus/ [webpage in Spanish]

94 https://intelcomp.eu/events/eosc-symphosium-2022

95 https://youtu.be/Do8SLWxbkM0?t=2594

96 https://www.opensciencefair.eu/demos/the-intelcomp-catalogue

97 https://www.opensciencefair.eu/lightning-talks/intelcomp-sti-data-space

Figure 24. Post about the Training on the IntelComp Data Space at the Open Science Fair

3. STATUS OF THE KEY PERFORMANCE INDICATORS OF THE DCP

According to the DCP, the following Key Performance Indicators related to dissemination and communication activities are being monitored (see Table 7 below).

- *Activity area of events organized by the Project*. These indicators try to capture the efforts in involving Public Administrations and representatives from academia, industry, and citizen associations in the IntelComp Living Labs.

  o The first indicator measures the number of attendees from Public Administrations in the three consultation workshops (AI, Climate Change and Health); the seven preparatory workshops for the Climate Change Living Lab; and the events of the Living Labs. The value is 110 (26 in AI related events, 54 in Climate events and 30 in Health events). The target for the whole of the project (100 attendees) has been achieved.

  o The second indicator measures the number of attendees from academia, industry, and citizen organizations in those events. The value is 200: 47 in AI events, 143 in Climate events and 10 in Health events. The target for the whole of the project (120 attendees) has been achieved.

- *Audiovisual materials for training sessions*. The IntelComp YouTube list includes videos of 5 public webinars:

  o A demo of a first version of the Interactive Model Trainer tool[98], at the European Grid Infrastructure (EGI) Conference 2022.

  o A demo of the final version of the Interactive Model Trainer tool[99], in the AI Living Lab.

  o A demo of the STI Viewer tool[100], in the AI Living Lab.

  o A demo of the STI Policy Participation Portal[101], in the AI Living Lab.

  o The webinar "Unraveling Innovation Pathways: The OpenAIRE Graph in STI Policy - the IntelComp Case Study"[102].

The target for this indicator (6) has not been achieved. The Climate Change Living Lab has organized 5 additional training demos but they were not recorded.

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[98]
https://www.youtube.com/watch?v=UVhUi08TPy0&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_&index=3

[99]
https://www.youtube.com/watch?v=2dzdLUi38eM&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_&index=2

[100]
https://www.youtube.com/watch?v=zlJzxA6lqhw&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_&index=4

[101]
https://www.youtube.com/watch?v=ekWkPj2GMg4&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_&index=6

[102]
https://www.youtube.com/watch?v=wo3ZkxnMc3E&list=PL00LntVujydhCaQFxjX8Mw4H2TuNuvqc_&index=7

- *Scientific contributions:*

  o The first indicator measures the number of publications in journals. The value of this indicator is 8 so the target of 6 has been accomplished.

  o The second indicator measures the number of contributions made by the consortium to international conferences. The value of this indicator is 8 so the target (6) has been reached.

Table 3. Status of the Key Performance Indicators of the DCP

Activity Area	Indicator (KPI)	Target	Value
Events organized by the Project	# Attendees National Infodays for Public Administrations (total)	100	110
	# Attendees National Infodays for Academia / Industry / Citizens (total)	120	200
Audiovisual materials for training sessions	# Public webinars	6	5
Scientific contributions	# Scientific publications (journals)	6	8
	# Contributions to international peer review conferences about NLP, AI, HPC and STI Policy	6	8

4. CONCLUSIONS

The IntelComp project has successfully carried out its Dissemination and Communication Plan (DCP), ensuring continuous visibility to project activities and results to a wide range of relevant target audiences from Public Administrations, Industry, Academia and Citizen Organisations. As a result, all but one of the targets set in the KPIs of the DCP have been reached.

The main achievements of the communication and dissemination activities can be considered:

www.intelcomp.eu – the communication and dissemination hub

- The project website has become the nerve centre of the project around which all communications and dissemination activities revolve. The website hosts information on all project activities and outputs from the IntelComp integrated solution and use cases to policy briefs and events.

Communication and dissemination events to ensure visibility of the project and its results

- The organization of 29 events, 9 of which had a hybrid or physical format. The national infoday in Greece of the Climate Change Living Lab attracted almost 100 people and media attention (2 prestigious reporters moderating Track 1, newspaper, and Track 2, national TV, with a cameraman who got interviews).

- Active participation in 9 international scientific conferences contributing with 8 papers, 1 keynote and 3 talks. The main audiences of these conferences were academic stakeholders in the realm of natural language processing and its application to STI policy, and the open science community.

- Partners of the project have presented it at 2 events organized by the OECD -a relevant actor in the STI policy realm and in the use of AI for STI policy.

Communication and dissemination materials leaving a legacy

- A series of 7 original videos uploaded to YouTube with a total of 428 views (as of 18 Dec. 23).

- 3 policy briefs addressing key aspects of the use of AI in STI policymaking, with recommendations to policy makers. These have been widely disseminated with total 639 views and 410 downloads on Zenodo (as of 18 Dec. 23).

- 8 scientific publications in open access repositories, available to scientific communities researching in Natural Language Processing and in STI policy for sustainable development.

- The open-source software production is available to industry and SMEs, and different scientific communities (e.g., Machine Learning and Natural Language Processing for STI policy) through 16 public software repositories in the Github platform and 1 service in the AI Community's Hugging Face.

An active and growing community created through a variety of channels

- During its lifetime, the IntelComp project has built a broad community of followers in social media (134 followers in LinkedIn and 124 followers in X, as of 18 Dec. 23) and the regular newsletter (168 recipients).

- An active Zenodo Community where 23 project deliverables and reports (as of 18 Dec. 23) have been published to leave a legacy and resulting in a total of 5.282 views and 3.278 downloads.