



This project has received funding from the European Union's Horizon Europe Research & Innovation program Project. 101086355 – HORIZON-CL6-2022-GOVERNANCE-01



## D6.3 DISSEMINATION, ENGAGEMENT AND CAPACITY BUILDING REPORT v2

19 December 2025



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Revision records			
Version	Date	Changes	Author
V1.0	28/6/2024	D6.2 original version	Deimos
V2.0	19/12/2025	D6.3 original version	Deimos

## Acronyms and Abbreviations

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AGINS	AgroInsurance International
AgMIP	Agricultural Model Intercomparison and Improvement Project
AI	Artificial Intelligence
AIAG	International Association of Agricultural Production Insurers
AKIS	Agricultural Knowledge and Innovation System
ATB	Institut für angewandte Systemtechnik Bremen GmbH
AUTH	Aristotle University of Thessaloniki
CEADS	Common European Agricultural Data Space
DES	Deimos Spain
DME	DEIMOS ENGENHARIA SA
DMK	DMK Deutsches Milchkontor GmbH
DSSC	Data Space Support Centre
EARSC	European Association of Remote Sensing Companies
EC	European Commission
EC-JRC	European Commission Joint Research Centre
ECPA	European Conference on Precision Agriculture
EGM	Easy Global Market SAS
EGU	European Geosciences Union
EO	Earth Observation
EOSC	European Open Science Cloud
ESA	European Space Agency
EURAC	Accademia Europea di Bolzano (Eurac Research)
Euro GEO	European Group on Earth Observations
EV ILVO	Eigen Vermogen van het Instituut voor Landbouw en Visserij Onderzoek
ExBo	Executive Board
F2F	Farm to Fork
FEU	Farm Europe
FIWARE	Future Internet Ware
GEO	Group on Earth Observations
GEOGLAM	Group on Earth Observations Global Agricultural Monitoring
ICCS	Institute of Communication and Computer Systems
IGAD	Improving Global Agricultural Data
IGARSS	International Geoscience and Remote Sensing Symposium
HE	Horizon Europe

IEEE	Institute of Electrical and Electronics Engineers
IFAPA	Instituto Andaluz de Investigación y Formación Agraria, Pesquera y Alimentaria
Intergeo	International Geodesy and Geoinformation Conference
IoT	Internet of Things
IPR	Intellectual Property Rights
KUVA	Kuva Space Oy
LAI	Leaf Area Index
LUKE	Natural Resources Institute Finland
MIGAL	MIGAL Galilee Research Institute
ML	Machine Learning
NP	Neuropublic SA
ODOK	Open Data & Open Knowledge
OHB DS	OHB Digital Services GmbH, Bremen, Germany
PSNC	Instytut Chemii Bioorganicznej Polskiej Akademii Nauk
RAQRS	Recent Advances in Quantitative Remote Sensing
R&D	Research and Development
RILab	Research and Innovation Lab
SAR	Synthetic-aperture radar
SDG	Sustainable Development Goal
SME	Small and Mid-size Enterprise
SoM	Social Media
UGent	Universiteit Gent
VITO	Vlaamse Instelling voor Technologische Onderzoek
VRI IES	Foundation "Institute for Environmental Solutions"
VTT	Technical Research Centre of Finland Ltd.
WCCI	World Congress on Computational Intelligence
WODR	Wielkopolski Ośrodek Doradztwa Rolniczego w Poznaniu
WP	Work Package

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# 1 Introduction

## 1.1 Project overview

ScaleAgData is a response to the call HORIZON-CL6-2022-GOVERNANCE-01-11 Upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions. The ScaleAgData project will run from January 2023 till December 2026 and consists of a consortium of twenty-six partners from fourteen countries. The vision of ScaleAgData is two-fold. On the one hand it wants to obtain insights in how the complex data streams should be governed and organised (governance call). On the other hand, it aims to develop the data technology needed to scale data collected at the farm level to regional datasets, agri-environmental monitoring and the management of agricultural production.

To do so, ScaleAgData has five objectives:

- Developing innovative approaches for collecting in-situ data and applying data technologies.
- Enabling and promoting data sharing along the entire data value chain.
- Demonstrating how the sensor data can be scaled to agri-environmental data products at the national, regional or European level.
- Demonstrating the benefit of the improved monitoring capacities in a precision farming context.
- Demonstrating the benefit of upscaled regional datasets for the agricultural sector in general.

During its lifecycle, the project will explore seven innovation areas: innovative sensor technology, edge processing, data sharing architecture and data governance, satellite data augmentation, from data assimilation to service development, privacy-preserving technology, and data integration methodologies.

Six Research and Innovation Labs (RILab) have been identified within the project, across various biogeographical regions of Europe, where different data upscaling and integration models or approaches will be evaluated and demonstrated. The six RILabs are: water productivity, crop management, yield monitoring, soil health, grasslands and sustain dairy. Recommendations will be formulated on how such integrated datasets can be capitalized to help national and regional policy making to strengthen both the competitiveness and sustainability of European agriculture.

## 1.2 Scope of the document

This document aims to report the dissemination, engagement and capacity building activities in M19-M36 and update the previous version of Deliverable D6.1 (*Dissemination, Exploitation and Communication Plan*) and D6.2 (*Dissemination, Engagement and Capacity Building Report v1*). It will be subject to one further revision in August 2026.

As it builds further on the stakeholder mapping exercise which was already described in D6.1. it aims to encourage cross-learning and the replicability of results, as well as facilitate political and stakeholder acceptance of the tools, products and services developed in ScaleAgData.

The strategy laid out here within will support communication, dissemination and exploitation of project results, monitor the timely and successful completion of the proposed objectives, and maximise impact during and after the project's lifetime. In addition to supporting the overall objectives and work of the ScaleAgData project, it will also assist the different project teams (product/service development or demonstrator related teams) in the elaboration of their own strategy for communication and dissemination.

### 1.3 Document structure

This document is structured as follows:

- Section 1 provides an overview of the project.
- Section 2 presents a report on the dissemination activities carried out between months 19 and 36 of the project and an update of the *Dissemination, Exploitation and Communication Plan*.
- Section 3 is dedicated to stakeholder engagement activities carried out between months 19 and 36 of the project.
- Section 4 is dedicated to capacity building activities, both those that already took place from month 19 to 36, as well as those in the pipeline.
- Section 5 presents the planning and monitoring of dissemination, engagement and capacity-building activities, providing a comprehensive overview of the actions carried out and planned by WP6 and other Work Packages (WPs), which are summarised in the table below and will be periodically updated in subsequent reports.
- Section 6 includes a table summarising the monitoring of the KPIs related to communication, dissemination and capacity building.
- Section 7 presents the conclusions of the document.

### 1.4 Evolution of the document

Version 2.0 of this document provides a description of the dissemination, stakeholder engagement and capacity building activities which have taken place from month 19 to 36 of the project as well as those in the pipeline and the status of the related KPIs.

An updated version of this deliverable, version 3.0, is foreseen for August 2026 (M44). Additional updates will take place if necessary.

## 2 Dissemination activities report

This deliverable builds upon two previous deliverables, namely Deliverable D.6.1 (*Dissemination, Exploitation and Communication Plan*) which was submitted in June 2023 and Deliverable D6.2 (*Dissemination, Engagement and Capacity Building Report*) submitted in 2024. They describe the strategies for reaching stakeholders, how to create impact and optimize dissemination, as well as the activities necessary for the dissemination of the project and large-scale involvement of stakeholders. It also highlights the Key Performance Indicators (KPIs) to monitor the progress and success of the communication and dissemination strategy.

### 2.1 ScaleAgData communication plan

An overview of the various communication channels, their objectives, targets as well as their status are summarized in Table 1. In the table you can see that the website has been online since 15/06/2023 and is supported by various social media postings on the project as well as by the participation of consortium partners in various scientific, sector-specific, policy related and technological events. During the past 18 months (M19-M36), the ScaleAgData website had 589 users through 1,040 sessions, with an average session duration of 4 minutes. In terms of social media outreach, LinkedIn has most followers (366 at 9/12/2025). 20% of those followers are from Belgium, followed by Greece (16%), Italy (8%), Germany and Spain (each 6%), France and Netherlands (each 5%), USA (4%) and Finland and Serbia (each 3%). 85% of the followers are from Europe, followed by Asia (7%) and N-America (5%). Our most popular post had 1.274 impressions. To support our news items on the website and social media, templates have been created for all consortium partners to fill to trigger online postings related to the project. In the table you can also see that since July 2024, five additional newsletters have been released on a quarterly base, focussing on the various innovations applied in the various RILabs in the project, as well as providing an update on events the project is participating in. So far, a total of seven newsletters has been published and starting in 2026 the focus will move from introducing innovations and how they are being applied within the RILabs to the data products themselves. Promotional and marketing material have also been created in the shape of slide decks, posters and visuals according to the needs of the consortium, displayed in various booths and presentations. The latter are available on the project Teams workspace for all consortium members to use.

Table 1: Communication channels and materials - (M1 up till M36)

Communication channel	Objective and description	Target	Comments
ScaleAgData Website	The <a href="https://scaleagdata.eu/en">https://scaleagdata.eu/en</a> site is the primary communication and research dissemination platform for external stakeholders and partners. It targets the public and offers more technical information for relevant stakeholders.	1 (ScaleAgData.eu)	<p>Launched on 15 June 2023 Update with event calendar <a href="https://scaleagdata.eu/en/events">https://scaleagdata.eu/en/events</a> + events at the home page</p> <p>Update news items: <a href="https://scaleagdata.eu/en/news">https://scaleagdata.eu/en/news</a></p> <p>Reports 2023 and 2024 are available. Conclusion: SoM posts &amp; Newsletter generate traffic to home page, news, innovations areas, RILabs and our team. An increase in the number of visitors can be achieved by sharing more news on SoM, via Newsitems, based on inputs from the RILabs/partners.</p>
Social media (SoM)	Social media with content specifically designed for these platforms. Most efficient way to follow project progress and updates.	2 SoM channels: <ul style="list-style-type: none"> <li>• X (Twitter): @scale_ag_data</li> <li>• LinkedIn: ScaleAgData</li> </ul>	<p>Set up and regularly used: SoM posts overview available in the Teams workspace as well</p> <p>LinkedIn:</p> <ul style="list-style-type: none"> <li>• From 199 followers at M18, to 365 followers at M36</li> <li>• most popular post: 1.274 impressions</li> <li>• popular posts: &gt;450 impressions</li> </ul> <p>X (Twitter): no more updates, full focus on LinkedIn</p> <ul style="list-style-type: none"> <li>• 82 followers</li> <li>• popular posts: &gt;450 impressions</li> </ul>
Newsletter	<p>On the ScaleAgData website there is space provided for news items (milestones, results workshops, webinars) on both the home page (+filter) and the individual RILab pages.</p> <p>By creating news items, we feed our SoM and create the link between SoM and website (visitors).</p>	12	<p>7 Newsletters released:</p> <p>1<sup>st</sup> Newsletter: Feb 2024</p> <ul style="list-style-type: none"> <li>• <a href="https://scaleagdata.eu/en/first-scaleagdata-newsletter-0">https://scaleagdata.eu/en/first-scaleagdata-newsletter-0</a></li> <li>• Sent out by email to 49 contacts</li> <li>• Focus on Co-design &amp; development phase, innovative sensor technology and upcoming events</li> </ul>

	<p>Starting from 2024 and repeated every quarter afterwards until the end of the project, an electronic newsletter will be sent out by email to the consortium members, the external stakeholders' network and interested relevant parties who registered (via our website <a href="https://scaleagdata.eu/en/news">https://scaleagdata.eu/en/news</a>). This electronic newsletter will be a combination of previously published news items as well as recent news items, use cases.</p> <p>Here, too, the link between newsletter and website will be established. In the website, all the newsletters will also be available in through the “news” tab.</p>		<p>2<sup>nd</sup> Newsletter: May 2024</p> <ul style="list-style-type: none"> <li>• <a href="https://scaleagdata.eu/en/second-scaleagdata-newsletter">https://scaleagdata.eu/en/second-scaleagdata-newsletter</a></li> <li>• Sent out by email to 54 contacts</li> <li>• Focus on innovation area ‘edge processing’ and event calendar</li> </ul> <p>3<sup>rd</sup> Newsletter: Sept 2024</p> <ul style="list-style-type: none"> <li>• <a href="https://info.vito.be/scaleagdata-newsletter3-project-insights-updates">https://info.vito.be/scaleagdata-newsletter3-project-insights-updates</a></li> <li>• Sent out by email to 59 contacts</li> <li>• Focus on Data Sharing and Data Governance + the 1<sup>st</sup> iteration technology validation phase</li> </ul> <p>4<sup>th</sup> Newsletter: Jan 2025</p> <ul style="list-style-type: none"> <li>• <a href="https://info.vito.be/scaleagdata-newsletter4-project-insights-updates">https://info.vito.be/scaleagdata-newsletter4-project-insights-updates</a></li> <li>• Sent out by email to 59 contacts</li> <li>• Focus on Federated Learning</li> </ul> <p>5<sup>th</sup> Newsletter: April 2025</p> <ul style="list-style-type: none"> <li>• <a href="https://info.vito.be/scaleagdata-newsletter5-project-insights-updates">https://info.vito.be/scaleagdata-newsletter5-project-insights-updates</a></li> <li>• Sent out by email to 60 contacts</li> <li>• Focus on Data Assimilation and Service Development</li> </ul> <p>6<sup>th</sup> Newsletter: July 2025</p> <ul style="list-style-type: none"> <li>• <a href="https://info.vito.be/scaleagdata-newsletter6-project-insights-updates">https://info.vito.be/scaleagdata-newsletter6-project-insights-updates</a></li> <li>• Sent out by email to 61 contacts</li> <li>• Focus on Satellite Data Augmentation</li> </ul> <p>7<sup>th</sup> Newsletter: Nov 2025</p> <ul style="list-style-type: none"> <li>• <a href="https://info.vito.be/scaleagdata-newsletter7-project-insights-updates">https://info.vito.be/scaleagdata-newsletter7-project-insights-updates</a></li> <li>• Sent out by email to 61 contacts</li> <li>• Focus on Data integration methodologies</li> </ul>
<p><b>Video</b></p>	<p>The video will be produced in English and published on YouTube to raise</p>	<p>1</p>	<p>Waiting for more content. Scheduled for 2026.</p>

	awareness about sustainable European agriculture data sharing. It aims to create engagement and promote uptake after the end of the project.		
<b>Promotional and marketing material</b>	It will include brochures, leaflets, roll-up banner, etc... We will check the needs of the consortium partners.		We created: - a slide deck - posters - visuals - roll-ups for events according to the needs of the consortium
<b>Academic publications</b>	These publications will target experts in academia and research and will be openly accessible online.	17 publications	Ongoing. The state of progress of the publications is traced in the Table 3.
<b>Press releases, policy briefs, and conference presentations</b>	Press releases following the progress & activities of pilot projects will be regularly published. Policy briefs and conference presentations targeting (local) policymakers will complement academic publications and contribute to the dissemination of results alongside other publications.	6 policy briefs (one for each lab); 17 conference presentations	Conference presentations: 6 were held in the first periodic reporting period (M1-M17) and an additional 8 were held in the second periodic reporting period (M19-M36).
<b>White papers</b>	White papers to increase technological awareness of policy makers and regulatory bodies. These white papers will focus on data sharing governance model for trusted & interoperable data space, as well as on business model.	2 (governance model + business model)	No white papers have been submitted yet.
<b>Reports, guidelines, capacity building material</b>	Compilation of guidance and instruction to support policymakers, researchers, and agriculture and forestry stakeholders when using the toolboxes developed by the project. To ensure consistency, legacy, and supervise the stakeholder's involvement.	6 user manuals; 1 replication guidelines report	Waiting for more content

<b>Public Github repositories</b>	Public software repositories where all tools developed by the project will be available for the general public	6 (one for each lab)	Ongoing.
<b>Key user communities' events</b>	Organisation of parallel sessions in key user communities' events to foster stakeholder engagement using techniques and approaches from the realm of science communication, such as storytelling. The aim of these workshops is to help understand and secure citizen and political acceptance of the ScaleAgData outputs and solutions.	2	Participation at: <a href="#">2024 Agroinsurance International Conference</a> <a href="#">2024 GEOGLAM Open Science Day</a> <a href="#">2025 GEOAI</a> <a href="#">2025 EGU General Assembly</a> <a href="#">2025 Knowledge for Growth</a> <a href="#">2025 ESA Living Planet Symposium</a> <a href="#">2025 EUROGEO</a> <a href="#">2025 Synergy Days</a> See Table 2 for more details.
<b>RI Labs workshops</b>	Workshops designed to support the development and implementation of pilot projects. The sessions create opportunities to engage with local stakeholders and foster collaboration and co-creation.	12	Within this reporting period, in total 25 co-design workshops (6 of them in parallel sessions within the project KO meeting) have been organised under the WP2 (see D2.2 Section 2.2.2 and Section 4.2.4) To this end, we plan to organise six more co-design workshops within the second iteration of the project.
<b>Capacity Building Webinars and Workshops</b>	These activities are meant to engage different communities in the project activities with the aim to create interest and provide educational content. These activities will contribute to the capacity building on the usage of the developed.	6	2023: (Webinars) Virtual Lab Presentation and Live Demo, Intellectual Property Right Webinar 2024: (Webinars) RILabs' involvement to exploit the results obtained so far in WP3, RILabs' involvement to exploit the results obtained so far in WP4 2025: (Webinars) Potential use of new technologies by agricultural insurance companies, Potential use of new technologies by financial institution and agri-business companies. (Workshops) Scaling innovation in agriculture through data, AI and Federated Learning; Data Spaces in Practice Perspectives for Scaled and Inclusive Innovation.
<b>Project conferences</b>	A final project conference presenting the project's results and intervention/participation in other external conferences.	1	It will be presented at the end of the project in 2026



Figure 1: ScaleAgData website

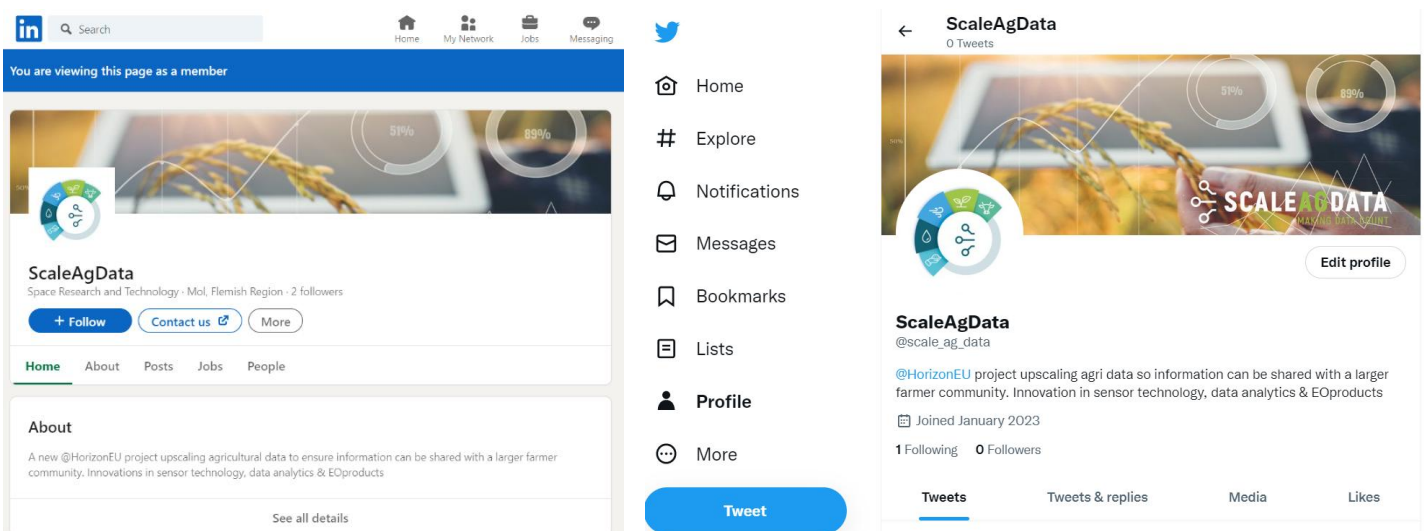


Figure 2: ScaleAgData Social Media channels



Figure 3: ScaleAgData's first newsletter

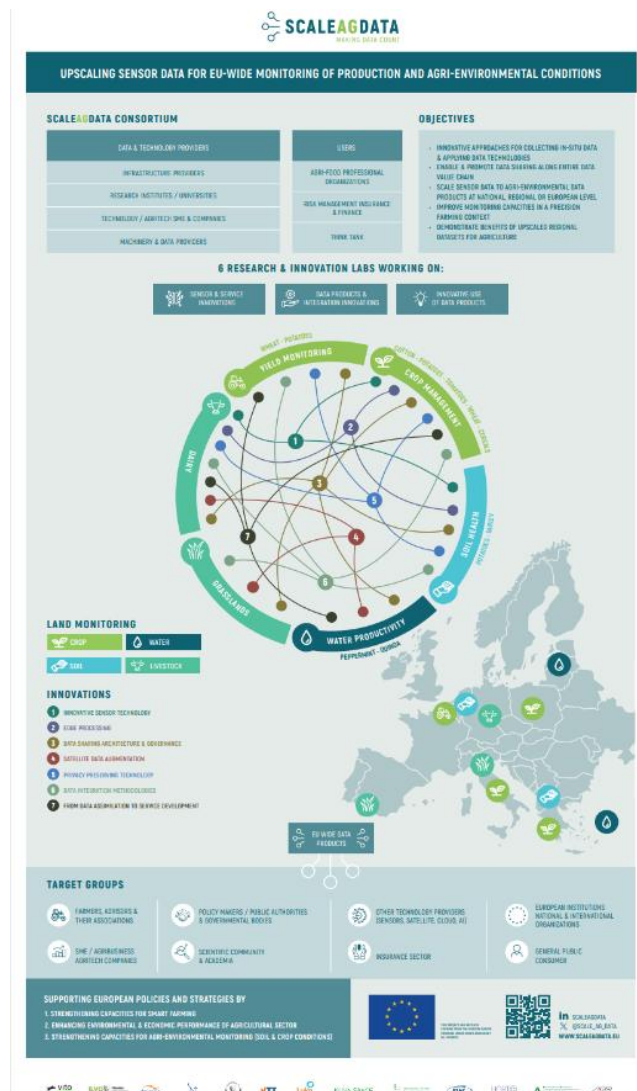


Figure 4: Promotional Poster used in ScaleAgData booths



Figure 5: Promotional Roll-ups used in ScaleAgData booths

## 2.2 Dissemination Events

The table below (Table 2) lists all events in which the consortium partners participated from month 19 till month 36 of the project, the type of activity, target audience as well as the reason for participating in the event.

In some events, synergies were sought with relevant other initiatives. Examples included: ScaleAgData liaising with AgriDataValue and CrackSense (Jul. 2024), EURO GEO (Oct. 2024), SmartAgriHubs Synergy Days 2024 (Oct. 2024), ScaleAgData liaising with Open Agri, Foodscalehub (Dec. 2024), GeoAI camp 2025 (Jan. 2025), ScaleAgData liaising with Farmtopia (Mar. 2025), GEO global forum (May 2025), Launching event of the EU Partnership Agriculture of Data (Sep. 2025), ScaleAgData liaising with AgriDataSpace, CEADS and ScaleAgData stakeholders regarding Governance Models for Data Sharing & Agricultural Data Space (Sep. 2025), EUROGEO Workshop (Oct. 2025), QuantiFarm demo event for grapevine test case (Oct. 2025), Synergy Days (Oct. 2025) and Kick-off Agriculture of Data partnership (Oct. 2025).

Other events ScaleAgData participated in focused more on EU and regional policy. Examples included: GEO Symposium and Open Data & Open Knowledge Workshop - Open Science Day (Sep. 2024), GEO global forum (May 2025), Vision for Agriculture and Food (May 2025), REIMAGINE FOOD & AGRICULTURE A Strategic Summit on the Narratives that Shape Our Reality (Jun. 2025), EARSC: Building Resilience: Policy, Innovation, and Partnerships for a Sustainable Tomorrow (EXPANDEO 2025) (Jun. 2025), Community Exchange

Conference (ICE) 2025 (Sep. 2025), EUROGEO Workshop (Oct. 2025), European Mission Soil week (Nov. 2025) and EU Agri-Food Days 2025 (Dec. 2025).

Sector specific events the consortium participated in included: 2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2024) (Jul. 2024), Agricultural machinery trade fair (Oct. 2024), GeoAI camp 2025 (Jan. 2025), Zootechnica 2025 (Jan. 2025), AgGateway 2025 Europe Spring Seminar (Mar. 2025), AgriVenture 2025 (May 2025), REIMAGINE FOOD & AGRICULTURE A Strategic Summit on the Narratives that Shape Our Reality (Jun. 2025), TerraWatch Space EO Summit 2025 (Jun. 2025), EARSC: Building Resilience: Policy, Innovation, and Partnerships for a Sustainable Tomorrow (EXPANDEO 2025) (Jun. 2025), ECPA 2025 15th European Conference on Precision Agriculture (Jun. 2025), AIAG Congress (Agricultural Insurance congress) (Sep. 2025), QuantiFarm demo event for grapevine test case (Oct. 2025), Agro-Israel 2025 (Oct. 2025) and Agritechnica 2025 (Nov. 2025).

Scientific events ScaleAgData participated in included: 2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2024) (Jul. 2024), 7th International Symposium Recent Advance in Quantitative Remote Sensing (RAQRS VII) (Sep. 2024), EGU General Assembly 25 (May 2025), Knowledge for growth (May 2025), Living Planet Symposium 2025 (Jun. 2025), ECPA 2025 15th European Conference on Precision Agriculture (Jun. 2025), 2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025) (Aug. 2025) and Agro-Israel 2025 (Oct. 2025).

Finally, some technology events were also attended such as: Agricultural machinery trade fair (Oct. 2024), Zootechnica 2025 (Jan. 2025), AgGateway 2025 Europe Spring Seminar (Mar. 2025), AgriVenture 2025 (May 2025), TerraWatch Space EO Summit 2025 (Jun. 2025), Optics and Photonics Days 2025 (Jun. 2025), Community Exchange Conference (ICE) 2025 (Sep. 2025) and Agritechnica 2025 (Nov. 2025).

ScaleAgData presentations or participations in panel discussions were held in following international events: ScaleAgData presentation to AgriDataValue & CrackSense (Jul. 2024), GEO Symposium and Open Data & Open Knowledge Workshop - Open Science Day (Sep. 2024), ScaleAgData presenting to Open Agri, Foodscalehub (Dec. 2024), GeoAI camp 2025 (Jan. 2025), ScaleAgData presenting to Farmtopia (Mar. 2025), EGU General Assembly 25 (May 2025), Knowledge for growth (May 2025), Living Planet Symposium 2025 (Jun. 2026), ECPA 2025 15th European Conference on Precision Agriculture (Jun. 2025), ScaleAgData presenting to AgriDataSpace, CEADS (Sep. 2025), EUROGEO Workshop (Oct. 2025), QuantiFarm demo event for grapevine test case (Oct. 2025) and Synergy Days (Oct. 2025).

In a few cases, a project specific booth was set-up and/or the project poster exhibited (see Figure 4): SmartAgriHubs Synergy Days 2024 (Oct. 2024), Zootechnica 2025 (Jan. 2025), GEO global forum (May 2025), EUROGEO Workshop (Oct. 2025) and Synergy Days (Oct. 2025).

Table 2: Dissemination events for the period July 2024 – December 2025 [M19-M36]

Dissemination Activity Name	Type of dissemination activity	Who? Target audience	Why?	Modality / status
ScaleAgData liaising with AgriDataValue and CrackSense [SY]	Meeting	[Scientific community & Academia]	Collaboration with EU-funded projects under cluster 6	<a href="#">VITO and ICCS presented online on behalf of ScaleAgData, 4/7/2024</a>
2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2024)[SC] [SS]	Conference	[Scientists] [Innovators] [Specific end-user communities]	AUTH was co-chairing: CCS.94: Remote Sensing Techniques to Monitor Soil Health Indicators; Presentation by the RILab of Soil Health introducing advancements in soil health monitoring using <b>hyperspectral spaceborne technology</b> .	<a href="#">AUTH (soil health RILab), IFAPA (grassland RILab) represented ScaleAgData in Athens (Greece), 7/7/2024</a>
7th International Symposium Recent Advance in Quantitative Remote Sensing (RAQRS VII) [SC]	Conference	[researchers, academia, public institutions, space companies]	Presentation of the results obtained in the development of the product "Improved grassland yield maps based on flux tower sensors" by Grassland RILAB. The title of the presentation (and the resulting peer-reviewed conference paper) is: "FUSION OF SENTINEL-1, SENTINEL-2 AND IN SITU DATA FOR ESTIMATING GPP AND RECO IN GRASSLANDS".	Deimos participated in Valencia (Spain), 23/09/2024
2024 GEO Symposium and Open Data & Open Knowledge Workshop (ODOK) - Open Science Day [SC] [EU]	Workshop	[Policymakers and authorities, international] [Scientists] [Innovators] [Specific end-user communities]	VITO, a partner organization of GEOGLAM and project coordinator of ScaleAgData, highlighted the innovative work being done in ScaleAgData. The presentation focused on the <b>importance of making in-situ sensor data accessible and how this information can bolster EO-based monitoring tools</b> . A key aspect of the discussion revolved around the	<a href="#">VITO participated in Hangzhou (China), 23-26/09/2024</a>

			<p>methodological frameworks currently being developed to integrate sensor data into various agricultural workflows. These methodologies aim to tackle persistent challenges in agricultural monitoring.</p> <p>Among the innovative strategies presented were self-supervised and few-shot learning frameworks designed to maintain model accuracy even when reference datasets are limited.</p> <p>Additionally, continuous learning and data assimilation methodologies were introduced, allowing for the effective use of real-time reference data without the need for frequent model retraining.</p> <p>The effectiveness of these frameworks was exemplified through a yield estimation model, which demonstrated significant accuracy improvements when utilizing the new methodologies.</p> <p>This showcase underscored the potential of in-situ data to enhance EO monitoring, paving the way for more precise agricultural insights.</p> <p>The connection with GEOGLAM was sought, discussing how ScaleAgData can contribute to their working groups, such as their in-situ working group as well as the Essential Agricultural Variables working group.</p>	
European Big Data Value Forum (EBDVF) 2024	Conference	[Farmers], [AgTech companies], [Researchers]	Link to Soil Lab, presenting EO-based products on soil health assessment and relevant projects	ILVO participated in Budapest (Hungary), 2-4/10/2024
EURO GEO [SY]	Workshop	[Scientists] [Innovators] [Specific end-user communities]	Coordination and cooperation within the EUROGEO Agriculture Action Group	VITO participated in Krakow (Poland), 8/10/2024

SmartAgriHubs Synergy Days 2024 [SY]	Conference	[Scientists] [Innovators] [Specific end-user communities]	platform for the European agri-food community to gather, engage in fruitful discussions, and share knowledge, Collaboration with EU-funded projects	ATB, Kuva Space and VITO participated in Barcelona (Spain), 15/10/2024
Agricultural machinery trade fair [TE][SS]	Expo	[Agricultural machinery industry, agrobusiness, farmers, service providers]	Joint booth with several Luke's agrotechnology projects. Digital presentation on ScaleAgData project and poster	Luke and Kuva Space participated in Helsinki (Finland), 17-19/10/2024
ScaleAgData liaising with Open Agri, Foodscalehub [SY]	Meeting	[Scientific community & Academia]	Collaboration with EU-funded projects	VITO, ILVO, ICCS, NP and Deimos on behalf of ScaleAgData, online, 05/12/2024
GeoAI camp 2025 [SY] [SS]	Conference	[researchers, academia]	Linked to Crop Management RILab. NEUROPUBLIC S.A., presented how Machine Learning methods are being used for crop classification in the ScaleAgData project's Research Innovation Lab for Crop Management.  This approach shows how new techniques can be used in smart agriculture and provide agri-environmental data for Policy Makers in the context of Common Agricultural Policy.	<a href="#">NP participated in Prague (Czech Republic), 27-28/01/2025</a>
Zootechnica 2025 [SS][TE]	Expo	[farmers, industry]	Latest innovations in agricultural machinery and food production technologies. NP organized a booth also showcasing ScaleAgData project through a poster	<a href="#">NP, Luke participated in Thessaloniki (Greece), 28-31/01/2025</a>
Data Spaces Symposium 2025	Participation in external event / conference	European data-space community, policymakers, researchers, technology providers, industry stakeholders, DSSC members, and organisations involved in data sharing and interoperability.	To follow the newest advancements in European data spaces, observe discussions on data sovereignty and interoperability, and understand emerging tools such as the Data Spaces Blueprint, Radar, and Toolbox. Participation supported awareness-building and alignment with broader European developments relevant to data-sharing initiatives	ILVO Warsaw, Poland 11-12 March/2025

ScaleAgData liaising with Farmtopia [SY]	Meeting	[Scientific community & Academia]	Collaboration with EU-funded projects	VITO and NP on behalf of ScaleAgData, online, 14/03/2025
AgGateway 2025 Europe Spring Seminar [SS] [TE]	Workshop	[Industry, Research]	Link to dairy lab. The approach for data sharing as well as a decentralised user & identity management was outlined, referencing the work of the partners in the dairy lab.	ATB participated in Berlin (Germany), 14/03/2025
EGU General Assembly 25 [SC]	Conference	[EU institutions] [Policymakers and authorities, international] [Scientists] [Innovators] [Specific end-user communities]	Earth Observation and Earth application. ICCS presented recent developments in "Sensor Spatial Planning Methodology for Optimal Coverage and Data Accuracy in Agricultural Parcels".	<a href="#">ICCS, NP participated in Vienna (Austria), 27/04-02/05/2025</a>
GEO global forum [EU] [SY]	Conference	[EU institutions] [Policymakers and authorities, international] [Scientists] [Innovators] [Specific end-user communities]	As ScaleAgData is relevant for GEO, it's important that we are represented at this annual global GEO event that is organised in Europe this year. PO stated that it is important to strongly advertise the European contributions to GEO at this event, and demonstrate our European strengths on EO and Earth Intelligence. The European Commission, together with the EuroGEO secretariat, organised a European booth at the exhibition and a poster for ScaleAgData was showcased.	VITO participated in Rome (Italy), 5-9/05/2025
Knowledge for growth [SC]	Conference	[scientist] [academia]	VITO, representing ScaleAgData participated in a panel discussion on the use of innovative technologies for precision farming	<a href="#">VITO participated in Antwerp (Belgium), 08/05/2025</a>
Vision for Agriculture and Food [EU]	Conference	[Agri-food sectors], [civil society], [rural communities], [consumers], [think-tanks], [academia] [policy makers]	Contribute to discussions regarding vision and roadmap regarding future direction for CAP post 2027	VITO participated in Brussels (Belgium), 08/05/2025

Digitale Synergiedagen LVVN [SY]	Conference	[SME], [researchers], [academia], [industry] [knowledge institutions], [government agencies]	Contribute to discussions around building shared digital solutions across Netherlands and Belgium — and to create synergies.	<a href="#">ILVO participated in Den Bosch (Netherlands), 27-28/05/2025</a>
AgriVenture 2025 [SS] [TE]	Conference	[Industry], [researchers], [academia]	Direct discussion with Finnish end users of their requirements and way to use the data and the insights	<a href="#">Kuva Space participated in Jyväskylä (Finland), 27-28/05/2025</a>
Optics and Photonics Days 2025 [TE]	Conference	[Industry], [academia]	VTT marketed the FPI Hyperspectral camera technology and applications	VTT participated in Oulou (Finland), 3-5/06/2025
REIMAGINE FOOD & AGRICULTURE A Strategic Summit on the Narratives that Shape Our Reality (Royal Flemish Academy of Belgium for Science and Arts) [EU] [SS]	Conference	[policymakers, scientists and civic society representatives]	Open and fresh dialogue about agriculture and food systems as well as innovative solutions for adaptation and new narratives about agriculture for building a sustainable, resilient food system in Europe and beyond	VITO participated in Brussels (Belgium), 04-05/06/2025
TerraWatch Space EO Summit 2025 [SS] [TE]	Conference	[Industry], [researchers], [academia]	Direct discussion with global end Users of their requirements and way to use the data and the insights	<a href="#">Kuva Space participated in New York (USA), 10-11/06/2025</a>
EARSC: Building Resilience: Policy, Innovation, and Partnerships for a Sustainable Tomorrow	Conference	[policy makers] [Industry] [researchers] [academia]	Understanding Europe’s EO priorities and the role of EO in supporting climate, biodiversity and sustainability objectives	<a href="#">VITO participated online, Brussels (Belgium), 11-12/06/2025</a>

(EXPANDEO 2025) [SS] [EU]				
Living Planet Symposium 2025 [SC]	Conference	[Scientific community & Academia]	<p>Lightning Presentation providing a fast-paced overview of how ScaleAgData is enabling smarter, cross-border agricultural data exchange and supporting digital innovation in European farming for ESA Agriculture Science Cluster Event. <i>Demo Session B.03.16:</i> DHI presented an overview of our work on Copernicus-based evapotranspiration (ET) and root-zone soil moisture (SM) products, including developments within ScaleAgData” <i>Oral Session A.07.04:</i> irrigation monitoring using EO data, where DHI shared insights from mapping irrigation practices with current and future Sentinel satellites. Link to grassland RILab</p> <p><b>B.02.10 DEMO:</b></p> <p>“Monitoring grassland productivity through remote sensing to provide drought adaptation”.</p> <p>Regular monitoring of grasslands is crucial for sustainable resource use and assessing the impact of extreme events, a need addressed by the Grassland Research and Innovation Lab (RILAB). Demonstration presented by IFAPA and Deimos.</p>	<p><a href="#">VITO, EURAC, Deimos, IFAPA and Kuva Space participated in Vienna (Austria), 23/06/2025</a></p> <p><a href="#">B.02.10 DEMO - Monitoring grassland productivity through remote sensing to provide drought adaptation strategies</a></p>
ECPA 2025 15th European Conference on Precision Agriculture [SC] [SS]	Conference	researchers, academia	<p>Link to yield RILab. Presentation and conference paper with title "Farmingpy: Python package for developing Digital Twins and Precision Farming data processing" (session 44811)</p>	<p><a href="#">Luke participated in Barcelona (Spain), 29/06/2025</a></p>

2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025) [SC]	Conference	[Scientific community &Academia]	Link to Grassland RILab. Tutorial: Raster and Vector Data Cubes Across Spatial Data Science Languages.	<a href="#">EURAC participated in Brisbane (Australia), 03-08/08/2025</a>
IACS Community Exchange Conference (ICE) 2025 [EU] [TE]	Conference	[EC, MSs, policy makers, industry, research]	Invited talk highlighting the contribution of spaceborne hyperspectral in closing the technical and operational gaps of the users in the Agric-services	Kuva Space participated in Reims (France), 9-11/09/2025
Launching event of the EU Partnership Agriculture of Data [SY]	Meeting	[Scientific community &Academia]	Collaboration with EU-funded projects, Links to Outcome 3 of ScaleAgData	VITO, participated in Brussels (Belgium), 10/09/2025
AI, Data and Robotics Forum (ADRF25)	Conference	[industry, researchers, policymakers]	To follow the latest developments in AI, data and robotics and understand their relevance for ongoing European data-sharing initiatives	ILVO participated in Stavanger, Norway, September 23-24, 2025
ScaleAgData liaising with AgriDataSpace, CEADS and ScaleAGData stakeholders regarding Governance Models for Data Sharing & Agricultural Data Space [SY]	Workshop/ Collaboration with EU-funded projects and stakeholders	[Scientific community &Academia ] [end users: policy makers, farmers, industry, tech providers]	Organised by ILVO to exchange insights on Agricultural Data Spaces and Governance Models, in collaboration with the EU-funded projects AgriDataSpace and CEADS, and linked to WP2	All consortium, Online, 19/09/2025

AIAG Congress (Agricultural Insurance congress) [SS]	Conference	[Other]: Insurance companies	Insight in international agricultural insurance market. Technology solutions in agricultural insurance	VITO participated in Rotterdam (Netherlands), 22-24/09/2025
EUROGEO Workshop [SY] [EU]	Workshop	[Scientists] [Innovators] [Specific end-user communities] [policy makers]	Coordination and cooperation within the EUROGEO Agriculture Action Group. In a technical session on 'in-situ technologies', organized by the EC's Research Executive Agency, VITO presented ScaleAgData's aims and ongoing efforts to unlock, integrate, and upscale agricultural data from in-situ sensors, sharing valuable insights into how our Research and Innovation Labs are driving innovation in agricultural monitoring capabilities across Europe, also highlighted challenges regarding data sharing. VITO also participated in panel on jointly organised by EEA and the EC on empowering Europe's competitiveness through in-situ data. ScaleAgData poster was presented.	<a href="#">VITO participated in Den Hague (Netherlands), 13-15/10/2025</a>
QuantiFarm demo event for grapevine test case [SY] [SS]	Workshop	[QuantiFarm project partners] and [local farmers]	Link to sub lab 2b on wheat. Results obtained by Horta in the frame of the ScaleAgData project were illustrated, showing the new functionality for variable rate application of fertilisers in wheat.	<a href="#">HORTA participated in Piacenza (Italy), 20/10/2025</a>
Synergy Days [SY]	Conference, Workshop, Collaboration with EU-funded projects	[Scientists] [Innovators] [Specific end-user communities]	Platform for the European agri-food community to gather, engage in fruitful discussions, share knowledge and organize capacity building events. ScaleAgData set-up a <b>project booth</b> , held a project <b>pitch presentation</b> and ran <b>two synergy workshops with other Horizon Europe projects</b> : “Scaling innovation in agriculture through data, AI and federated learning” (jointly with GEORGIA and AGRARIAN projects), and “Data Spaces in Practice: Perspectives for Scaled and Inclusive Innovations” (jointly with Data4food2030, CEADS, and 4Growth projects).	<a href="#">VITO, Deimos, ATB, EGM, Luke, AVR, ILVO participated in Rotterdam (Netherlands), 21-22/10/2025</a>

Kick-off Agriculture of Data partnership [SY]	Meeting	[Scientific community & Academia]	Collaboration with EU-funded projects, Links to Outcome 3 of ScaleAgData	VITO, participated in Den Hague (Netherlands), 23/10/2025
Agro-Israel 2025 [SS] [SC]	Conference	[Farmers, AgTech companies, Researchers]	Link to water lab, lecture on advancements of Quinoa growth in Israel	<a href="#">MIGAL participated in Ein Harod (Israel), 28/10/2025</a>
European Mission Soil week (EU)	Conference	[policy makers, researchers, farmers, businesses, citizens]	Insights in soil policy in Europe, and the EU's efforts to advance soil protection and restoration through initiatives like the Soil Deal for Europe mission and the upcoming Soil Monitoring Law.	VITO participated online, 5-6/11/2025
Agritechnica 2025 (TE) [SS]	Meeting	AEF, AgGateway, AgriRouter	Link to dairy RILab. Discussing the compatibility of AgIN with data sharing initiatives, also reflecting related Data Space technologies.	ATB participated in Hannover (Germany), 13/11/2025
EU Agri-Food Days 2025 [EU]	Conference	[policy makers, academia, farmers, civil society]	Insights in European agriculture, agricultural market trends, food security, sustainability, digital technologies and data flows.	VITO, ILVO participated in Brussels (Belgium), 15-17/12/2025

## 2.3 Publications

ScaleAgData is a project that fosters innovation, therefore the publication of the goals achieved is one of the natural channels of dissemination. The publications are of various kind, some financed directly by the project, others sponsored by the partners but possible thanks to the collaboration with ScaleAgData.

Below is a table that monitors the status of publications. Most of the RILabs are still busy with in situ data collection campaigns. We expect an increase in the number of publications in the last year of the project.

*Table 3: Publications - update (M1 up till M36)*

Type of publication	Peer review	PID or URL	Title of the publication	Authors	Title of the journal	N.	Publisher	Date	Open Access	License Type
Thesis	No	<a href="#">Link 1</a>	Implementation of a Controller for a Piezo-Actuated Fabry-Perot Interferometer	Juha Rauhala	N/A	-	N/A	May 2024	Yes	CC BY-NC-SA
Conference Paper	Yes	<a href="#">Link 1</a>	Influencia del estrés hídrico en la productividad de los pastizales de dehesa	Muñoz-Gómez MJ, A Andreu, MD Carbonero, A Blázquez-Carrasco, MP González-Dugo	Teledetección y Cambio Global: Retos y Oportunidades para un Crecimiento Azul. XX Cong de la Asoc Esp de Teledetección	-	Eds. Isabel Caballero, Gabriel Navarro, Luis Barbero y Jesús Gómez-Enri. 2024, Cádiz. ISBN: 978-84-9828-941-1	June 2024	Yes	CC Atribución-4.0 Internacional.
Article in journal	Yes	<a href="#">Link 1</a>	Impact of water stress on Mediterranean oak savanna grasslands productivity: Implications for on-farm grazing management	María J. Muñoz-Gómez, Ana Andreu, María D. Carbonero, Ángel Blázquez-Carrasco, María P. González-Dugo	Agricultural Water Management		Elsevier BV 0378-3774	August 2024	Yes	

Conference proceeding/workshop	Yes		Enhanced Soil Property Estimations from Earth Observation Data with Differential Evolution-based Multi-Objective TSK Model	Nikolaos L. Tsakiridis, Nikiforos Samarinas, Eleni Kalopesa, John B. Theocharis and George C. Zalidis	IEEE WCCI 2024 conference		NA	June 2024		
Thesis			Modelling LAI of Alpine Grassland from Sentinel-1 SAR and Sentinel-2 Data using Spatial Gap-filling in North-Eastern Italy	Caroline Göhner			NA	Ongoing		
Conference	Yes	<a href="#">Link 1</a>	Farmingpy: Python package for developing digital twins and precision farming data processing	A. Hartikainen, J. Backman, and M. Pastell	European Conference on Precision Agriculture 2025			July 2025		
Symposium	yes		Privacy-Preserving Soil Data: Federated Learning For Topsoil Descriptors Via Remote Sensing	Nikolaos L. Tsakiridis, Eleni Kalopesa, Nikolaos Tziolas, Nick Berkvens, Theodoros Chalazas, Tuna Coppens, Panagiotis Ilias	IGARSS 2025 program 2025 IEEE International Geoscience and Remote Sensing Symposium			August 2025		

## 3 Engagement Activities report

### 3.1 Stakeholder engagement

ScaleAgData aims to leverage advanced technologies like sensors, data sharing, edge computing, and satellite imagery. Its focus includes improving soil health, managing grasslands, and other agricultural areas through specialized research and innovation labs in different European biogeographical zones.

ScaleAgData is committed to broad and inclusive stakeholder engagement by establishing a diverse network under task T6.2 (see D6.1 Section 3.2, Section 3.3). This network will enable them to leverage a wide range of expertise and support, thereby increasing the overall success of the project.

Simultaneously, ScaleAgData is developing tailored strategies (outlined in D6.1 section 3.2 Stakeholder Mapping) to engage stakeholders effectively. These strategies consider each stakeholder's specific contributions, activities, and preferred levels of involvement. By leveraging diverse communication channels such as regular meetings, workshops, and targeted demonstrations, our goal is to ensure a transparent exchange of information.

The stakeholder network is established as a key channel to disseminate project results and to support core project activities. This includes co-design actions in WP2 (such as [Workshop on Data Sharing & Governance for the EU Agricultural Data Space](#) held in September 2025), RILab demonstrations and evaluation activities in WP5 (the series of [demonstrations conducted in February](#) 2025), and capacity-building actions under WP6. The network will continue to be actively involved as these activities progress throughout the project.

In addition to its operational role, two dedicated stakeholder engagement webinars were organised to strengthen the network and build long-term interaction. The first webinar, held in June 2023, introduced the ScaleAgData project, explained the purpose and structure of the stakeholder network, and initiated discussions on potential collaboration opportunities. A second webinar followed in November 2024, where project progress and new developments were presented to the community, and feedback was collected to help guide ongoing work. Together, these webinars helped reinforce relationships across stakeholder groups, improve engagement, and ensure that the network remains active and well-connected to support the project's objectives (see Table 4). In collaboration with all partners, we conducted a series of activities aimed at updating and expanding our stakeholder list to encompass all project target groups, address innovation areas, and achieve a broad geographical reach. This stakeholder list is available to project partners for targeted engagement and dissemination efforts so that relevant stakeholders are reached. In addition, this work is crucial for the project's demonstration phase to ensure comprehensive stakeholder engagement and alignment with project objectives.

The following activities are frequently performed to ensure a valuable stakeholder list:

- Analysing it to identify gaps in stakeholder representation and participation.
  - Before each iteration, and prior to the cleaning and updating process, a detailed gap analysis was carried out to assess the completeness and balance of the stakeholder landscape. This work included reviewing representation across innovation areas, RILabs and their domains, stakeholder and target user groups, as well as geographic coverage. It also examines how stakeholders are positioned across key involvement categories such as communication, dissemination, exploitation, co-design, and demonstrations. Particular attention was given to identifying missing or underrepresented segments and

determining where additional outreach is required to address these gaps. The outcomes of this analysis guide partners in refining their engagement strategies and ensure that updates to the stakeholder list remain aligned with project needs

- Organizing and cleaning up the initial stakeholder list,
- Preparing secondary emails and surveys for project partners to invite stakeholders and assess their level of involvement,
- Ensuring continuous updates,
- Making necessary updates to maintain the list's currency as we moved towards the project's demonstration phase.
- Actively collaborate with other relevant WPs.

We remain committed to collaborating with European and international actors, including the EC-JRC, the Common European Agriculture Data Space, the Common European Research and Innovation Data Space, the Agricultural Knowledge and Innovation System (AKIS) and the European Open Science Cloud (EOSC), as well as relevant projects such as AgriDataSpace, CEADS and projects selected under the same call, such as AgriDataValue. These collaborations play an important role in achieving our project goals and ensuring the effective dissemination and application of our research findings.

*Table 4: Stakeholder engagement webinars - update (M1 up till M36)*

Event type	Status	Date	Comments
Online Webinar: Project first stakeholder engagement event.	Delivered	June 2023	The first external stakeholder event took place in June 2023, where the ScaleAgData project was introduced, essential elements of the stakeholder network group were explained, and opportunities for collaboration were discussed
Stakeholder engagement webinars/workshop	Delivered	November 2024	This was the second specific event to promote collaboration within the network.

## 4 Capacity building report

### 4.1 Introduction

The “Exploitation and Capacity Building of Products and Services” activities commenced in Month 12 (December 2023), within WP6 (Impact, Maximization and Outreach), under Task 6.3.

The project established six KPIs for this task: four webinars and two workshops. As initially outlined in Deliverable D6.2 Dissemination, Engagement and Capacity Building Report – Version 1, the plan was to organize two webinars for internal consortium training (focused on tools developed in WP3 and WP4) and two webinars for external users and stakeholders (focused on selected RILab results). Furthermore, two workshops were planned during international events to present and gather feedback on the developed solutions (WP3 and WP4 implementation).

This initial structure underwent a strategic review. Following the opinions and suggestions shared by the consortium members during the November 2024 milestone meeting, it was agreed that the initial training needed to be expanded to ensure the RILabs could effectively address the specific needs of potential users in high-value sectors such as insurance companies, agribusiness, and financial institutions.

This decision required a revision of the capacity-building agenda, leading to the introduction of two additional internal webinars to support the specialized training of consortium partners, thereby modifying the structure detailed in the previous report.

### 4.2 Capacity building events

The schedule of capacity-building events described in Deliverable D6.2 Dissemination, Engagement and Capacity Building Report – Version 1 has been updated. The consortium identified a critical need for additional internal specialization to enhance the RILabs' capability in translating project results into valuable solutions for key stakeholders.

To address this, two new internal webinars were introduced, bringing the total number of planned webinars to six (four internal and two external). These new sessions were specifically dedicated to training partners on the potential uses of new technologies for financial institutions, agribusiness companies, and agricultural insurance.

The introduction of these two additional internal events resulted in a necessary revision of the original agenda for the capacity-building activities, which is detailed in the following sections.

The final structure of the capacity-building events (and their corresponding timeline) is therefore as follows:

- 2 internal webinars to train the RILabs on the use of technologies and services developed in WP3 and WP4, held in September 2024.
- 2 internal webinars to train consortium members on the needs of three specific market sectors: financial institutions, agribusiness companies and agricultural insurance, held between January and February 2025.
- 1 workshop targeted at users and stakeholders during a key user community event, dedicated to training on at least one service developed in WP3, held in October 2025.
- 1 workshop targeted at users and stakeholders during a key user community event, dedicated to training on at least one service developed in WP4, held in October 2025.
- 2 webinars aimed at training users and stakeholders interested in exploiting the results produced by the project, to be held in January 2026.

The events listed above are presented and described in Table 5.

Table 5: Capacity Building events - update (M1 up till M36)

Activity	Comment
Two internal capacity building webinars aimed to train the partners involved in the RILab on the use of the products developed by the WP3 (Data Technologies, Collection and Architecture) and WP4 (Product and service development)	Both are being organized with the task leaders of WP3 and WP4 respectively. Both took place on 11 Sep. 2024 and 16 Sept. 2024.
Two capacity-building webinars will train consortium members on the needs and expectations of users operating in three different markets: financial institutions, agribusiness companies, and agricultural insurance.	The webinar focusing on agricultural insurance took place on 28 Jan. 2025. The webinar on financial institutions and agribusiness companies took place on 25 Feb. 2025
Two workshops in key user community events with the following aims: 1) presenting the results relating to Data Technologies, Collection and Architecture, Product and service development, their implementation (tested and validated) in the various RILabs and the individual research carried out internally at each RILab, 2) Train users on the use of the developed sensors/platforms/methodologies 3) collect their feedback.	The two webinars took place on 21 Oct. 2025 in the framework of the 2025 Synergy Days.
Two capacity-building webinars to present the RILab results to users and stakeholders and to train them to the practical use of these resources.	The two webinars will be realised in Q1 of 2026.

If needed, and in accordance with the available project resources, we reserve the right to adjust this structure by introducing additional targeted events. Any such modifications will be documented in Deliverable D6.4 *Dissemination, Engagement and Capacity Building Report – Version 3*.

#### 4.2.1 Webinars for internal consortium capacity building about new technologies and products

##### 4.2.1.1 RILabs' involvement to exploit the results obtained so far in WP3

This webinar was held on September 11, 2024, by the partners involved in WP3. The goal was to train the consortium partners involved in the RILabs in the use of the results and technologies developed in WP3. This was organized by NP, ICCS, EGM and VITO, supporting the RILABS's expertise to choose which WP3 results and technologies to include in their work.

The topics developed were:

- 1) Architecture design, data governance, data sharing (concepts, benefits). *A demonstration of the usage of AIM ontology for transforming sensor data*
- 2) Sensor development and sensor data availability for RILabs. *A demonstration of sensor spatial planning methodology for selecting optimal sensor installation locations*
- 3) Advanced edge processing functions for sensor data. *A demonstration of advanced edge processing functions used by EdgeSpot device*

- 4) EO data products (existing, new) and EO data availability for RILABs. *A demonstration of Terrascope platform to access open-source satellite data and EO services.*

The webinar was appreciated by the 50 participants, especially on the technical aspects  
All the documents about this event are shared here: [Webinar 1 - 11 09 2024](#)

#### 4.2.1.2 RILabs' involvement to exploit the results obtained so far in WP4

This webinar was held on September 16, 2024, by the partners involved in WP4. It was organized by Deimos, EV ILVO, LUKE, VITO and DHI, and the goal was to train the consortium partners involved in the RILabs in the use of the results and products developed in WP4. This would ensure that the RILabs would have the expertise to choose which results products to include in their work.

The topics developed were:

- 1) Flower.AI: Functionalities and RILabs training (how to use the classes and functionalities through an example, e.g. Soil Lab)
- 2) How digital twins can be customized for specific use cases
- 3) How to apply few shots learning and customize it (demonstrating through a notebook)
- 4) Presenting prototypes of different tools and models to enhance integration of EO products and in-situ data.

The webinar was very well received by all 50 participants. All the documents about this event are shared here: [Webinar 2 - 16 09 2024](#). Webinars for internal consortium capacity building about users and stakeholders needs

#### 4.2.2 Webinars for internal consortium capacity building about the needs and expectations of the target users.

##### 4.2.2.1 Potential use of new technologies by agricultural insurance companies

The event was held on 28<sup>th</sup> of January 2025 by AGINS (AgroInsurance International), one of our ScaleAgData consortium members. The aim was to provide RILabs with the perspective of and potential usage by agricultural insurance sector of the ScaleAgData products, so that the latter can be further optimised for use in the agricultural insurance company's sector.

The main points of the presentation covered the application of new technologies to enhance portfolio and market share management, enable the adjustment of sales strategies based on seasonal forecasts, and improve the handling of embargoes. Key insurance operational areas discussed in detail included the role of data in underwriting (risk assessment and pricing), reinsurance, and loss adjustment. Furthermore, a significant focus was placed on the development of new products utilizing these technologies. Finally, the discussion included an analysis of how much insurers can afford and are willing to pay for these new technological solutions and products. The webinar saw good participation from all consortium members. The high interest showed especially during the Q&A session. Unfortunately, due to a technical issue, the event recording was lost. However, it is possible to consult the related documents at this link: [AGINS 280125](#)

##### 4.2.2.2 Potential use of new technologies by financial institutions and agri-business companies

This event took place on February 25<sup>th</sup> 2025, and was also held by AGINS, focussing on: financial institutions and agri-business companies. This webinar covered a wide array of practical applications, focusing on seasonality, client management, sales planning by agribusiness companies, and agronomic advice. Furthermore, the use of data was explored for the underwriting of seasonal and long-term loans by banks. The webinar highlighted strategies for customer monitoring and action plans in case of emergencies. Specific attention was given to pasture and livestock management, including the use

of Earth Observation (EO) and sensors. Finally, the session addressed the crucial element of defining a pricing approach for new solutions and products in the market.

Again, at least one member from each consortium member company participated. Q&A session demonstrated high interest and engagement in the topics discussed. The recordings, presentation and registration for the event can be found at this link: [AGINS 250225](#).

### 4.2.3 Workshops in key user community events

Two workshops were held in 2025 because the opportunity arose to present them both at [Synergy Days 2025](#). The workshops were originally intended to be held during different key user community events, but participation is subject to a selection process, and spots are limited. In 2025, we also did submit a request to hold a workshop at another key user event (the Living Planet Symposium 2025), but it was not accepted, hence we decided to hold them both at Synergy Days. A third workshop is scheduled to take place in 2026, but this still needs to be planned.

#### 4.2.3.1 Scaling innovation in agriculture through data, AI and federated learning

The capacity-building workshop “Scaling innovation in agriculture through data, AI and federated learning”, took place in October 2025 at Synergy Days in Rotterdam, and was jointly organised by the GEORGIA, ScaleAgData and AGRARIAN projects, aimed to strengthen participants’ understanding of the tools, concepts and technologies developed within the three initiatives. Its objective was to familiarise stakeholders with the current project results and to support them in identifying how combined approaches—ranging from in-situ sensor data and edge analytics to predictive models and hybrid digital infrastructures—can address concrete agricultural challenges. The workshop introduced key concepts such as piloting, sensor-based data collection, edge computing, decision support systems, and privacy-preserving data sharing, ensuring a common knowledge base across participants. A core component of the event was an interactive group exercise, where attendees analysed real-world farm scenarios, identified challenges, explored relevant project solutions, and developed integrated “solution pathways” with potential for scaling beyond individual case studies. The session served both to build technical and conceptual capacity within the consortium and to collect insights and collaboration opportunities that will guide future project activities.

Through the following link, all materials linked to the workshop can be accessed: [Workshop 1 - Scaling innovation in agriculture through data, AI and federated learning - October 2025](#). There was also a social media post about this [here](#).

#### 4.2.3.2 Data Spaces in Practice: Perspectives for Scaled and Inclusive Innovation

The capacity-building workshop “*Data Spaces in Practice: Perspectives for Scaled and Inclusive Innovation*”, was also held during the Synergy Days in October 2025 in Rotterdam, and brought together four EU projects—CEADS, 4Growth, Data4Food and ScaleAgData—to strengthen the consortium’s collective understanding of current advances in agricultural data spaces. Each project first presented its perspective and specific contributions, highlighting complementarities across governance models, data flows, sensor integration, and platform feedback mechanisms, thereby illustrating how their combined efforts support the development of interoperable and trusted agricultural data ecosystems

Following the introductory presentations, participants were divided into four thematic groups to discuss: *data availability and collection*, *data space implementation*, *services needed for a data space from a researcher’s perspective*, and *data sharing and technological building blocks*. ScaleAgData was responsible for leading the discussions in the latter group, focusing on the technical enablers necessary for cross-organisational data exchange.

Although feedback from participants was limited, it became evident that standards, ontologies, and semantic technologies—while essential—are still not mature and pose ongoing challenges within the

agricultural sector. More information about the workshop is downloadable at this link: [Workshop 2 - Data Spaces in Practice Perspectives for Scaled and Inclusive Innovation - October 2025](#)

. There was also a social media post about this [here](#).

#### 4.2.4 Webinars for stakeholders and users' capacity building about RILabs Results

These webinars have undergone minor scheduling changes compared to what was reported in the D6.2 *Dissemination, Engagement, and Capacity Building Report v1*. Initially, one was planned for 2025 and the other for 2026. Due to the introduction of two new internal capacity-building webinars, the difficulty of not overlapping these events with other dissemination and demonstration events, and the intense workload of the RILabs in Q3 of 2025 processing second iteration results, it was decided to hold both in the first quarter of 2026. Currently, in conjunction with the RILab leaders, we are finalizing the agenda and dates for these events.

#### 4.2.5 Extra capacity building events

This section describes two additional capacity building events that were carried out in the first year of the project but which were not included in the D6.2 *Dissemination, Engagement, and Capacity Building Report v1*.

##### 4.2.5.1 Training Session webinar 1 – Intellectual Property Right Webinar

In the initial phase of the project, on 4 October 2023, an internal training event on Intellectual Property Rights was held for all partners. This event, delivered by Deimos within the ScaleAgData project, served as a capacity-building session designed to strengthen partners' understanding of the IP and IPR framework relevant to the project. The webinar introduced the fundamental concepts of Intellectual Property—copyright, trademarks, patents, industrial design, utility models and confidential information, emphasising their importance for protecting innovation, ensuring competitiveness, and supporting safe and efficient project development

The session clarified the distinction between Background IP (assets brought into the project) and Results IP (assets created during the project), supported by practical examples. Presenters also outlined the project's IPR strategy, including identification of IP assets, monitoring, and the definition of conditions for use, access, and exploitation during and after the project lifetime. The webinar further guided partners through the next operational steps. Overall, the session helped ensure that the consortium has a clear and common approach to handling IPR, reducing risks and enabling a well-structured pathway toward future business models and innovation outcomes.

The webinar introduces two documents that are continuously updated as the project progresses: the IPR Background ([IPR Background.xlsx](#)) and the IPR Results ([IPR Results.xlsx](#)). The first is used to keep track of the IPR contributed by the partners and developed prior to the project, while the second summarises and describes the IPR associated with the project results.

This event was mistakenly omitted from the initial report covering the first 18 months of the project so it was decided to include it in this update.

The records and the documents of the events are stored at this link: [Training Session Webinar 1 - 4 10 2023](#).

##### 4.2.5.2 Training Session webinar 2 – Virtual Lab Presentation and live demo

This webinar was also held in the first phase of the project, on 15 November.

The aim of the webinar was to build the consortium partners' capacity to use the RIE, the virtual environment provided by Deimos to support the activities of the RILabs. The session guided participants through the registration process, introduced the main functionalities of the platform, and demonstrated its practical use through a live example.

The records and the documents of the events are stored at this link: [Training Session Webinar 2 - 15 11 2023](#)

## 5 Activities planification and monitoring

To better monitor the work carried out in the field of dissemination, engagement and capacity development, we have highlighted all the activities that contribute to the achievement of the objectives in this area of the project.

The following table includes both activities managed and implemented directly by WP6 and those managed and implemented in other WPs but which are closely related to the dissemination, engagement and capacity building objectives of WP6. The aim is to provide a complete overview of all the activities performed and planned during the project that contribute to these objectives.

All the activities in the table assigned to the period prior to the delivery of this document (Dec 2025) were carried out in the marked period. For all those marked in the period following the delivery of this document, the table shows the schedule by which we have planned to carry them out. The table will be updated again in D6.4 *Dissemination, Engagement and Capacity Building Report* version 3 (and periodically updated when needed).

Table 6: Activities planification

Action	Type	Area	2023 - Q1	2023 - Q2	2023 - Q3	2023 - Q4	2024 - Q1	2024 - Q2	2024 - Q3	2024 - Q4	2025 - Q1	2025 - Q2	2025 - Q3	2025 - Q4	2026 - Q1	2026 - Q2	2026 - Q3	2026 - Q4
Participation in key user communities' events	event	Communication and Dissemination			x		x	x				x		x				
Project specific social media channels set up	Social Media Account	Communication and Dissemination	x															
Website is set up	Website	Communication and Dissemination		x														
Newsletter published – 1: innovative	Publication	Communication and Dissemination					x											

<b>sensor technology</b>																		
<b>Newsletter published – 2: edge processing</b>	Publication	Communication and Dissemination						x										
<b>Newsletter published – 3: data sharing architecture and governance</b>	Publication	Communication and Dissemination							x									
<b>Newsletter published – 4: satellite data augmentation</b>	Publication	Communication and Dissemination								x								
<b>Newsletter published – 5: privacy preserving technology</b>	Publication	Communication and Dissemination									x							
<b>Newsletter published – 6: data integration methodologies</b>	Publication	Communication and Dissemination										x						
<b>Newsletter published – 7: from data assimilation to service</b>	publication	Communication and Dissemination											x					

<b>development</b>																		
<b>Newsletter published – 8: TBD</b>	Publication	Communication and Dissemination																X
<b>Newsletter published – 9: TBD</b>	Publication	Communication and Dissemination																X
<b>Newsletter published – 10: TBD</b>	Publication	Communication and Dissemination																X
<b>Newsletter published – 11: TBD</b>	Publication	Communication and Dissemination																X
<b>Newsletter published – 12: TBD</b>	Publication	Communication and Dissemination																X
<b>Youtube video</b>	Video	Communication and Dissemination																X
<b>Reports, guidelines, capacity building material</b>	Documents	Communication and Dissemination			X													X
<b>Public Github repositories</b>	Web service	Communication and Dissemination							X				X					
<b>Novel sensors for agricultural production and environmental impact</b>	publication	Communication and Dissemination																X

<b>monitoring - Scientific Publication 1</b>																			
<b>Novel sensors for agricultural production and environmental impact monitoring - Scientific Publication 2</b>	publicati on	Communicatio n and Dissemination																	x
<b>Novel sensors for agricultural production and environmental impact monitoring - Conference Presentation 1</b>	event	Communicatio n and Dissemination										x							
<b>Novel sensors for agricultural production and environmental impact monitoring - Conference</b>	event	Communicatio n and Dissemination											x						

<b>Presentatio n 2</b>																			
<b>Developmen t of a new architecture for sensor data sharing and integration</b>	event / publicati on	Communicatio n and Dissemination												x					x
<b>Developmen t of new techniques: 1) to translate sensor data into actionable information ; 2) to integrate sensor data in the developmen t of upscaled EO data products; 3) to use those data products in areas where no sensor</b>	publicati on (7)	Communicatio n and Dissemination													x	x	x	x	x
<b>Developmen t of sensor data driven smart</b>	publicati on (6) (1/RI/ Lab)	Communicatio n and Dissemination											x		x	x	x	x	x

<b>farming and agri-environmental monitoring data at different spatial scales based on the developed techniques</b>																		
<b>stakeholder engagement webinars organized to further strengthen and promote collaboration within the network. -1</b>	event / webinars	Fostering Network of Relevant Projects, Initiatives & Institutions		x														
<b>stakeholder engagement webinars organized to further strengthen and promote collaboration within the network. -2</b>	event / webinars	Fostering Network of Relevant Projects, Initiatives & Institutions							x									

<b>Webinar: Intellectual Property Right</b>	Webinar	Exploitation and Capacity Building				x													
<b>Webinar: Virtual Lab Presentation and Live Demo</b>	Webinar	Exploitation and Capacity Building				x													
<b>Capacity Building Webinar 1: Internal capacity Building - WP3 to RILabs</b>	event / webinars	Exploitation and Capacity Building of Products and Services							x										
<b>Capacity Building Webinar 2: Internal capacity Building - WP4 to RILabs</b>	event / webinars	Exploitation and Capacity Building of Products and Services							x										
<b>Capacity Building Webinar 3: internal Potential use of new technologies by agricultural</b>	event / webinars	Exploitation and Capacity Building									x								

insurance companies																		
<b>Capacity Building Webinar 4: internal</b> Potential use of new technologies by financial institutions and agri-business companies	event / webinars	Exploitation and Capacity Building										x						
<b>Workshop 1: external</b>	event / webinars	Exploitation and Capacity Building of Products and Services												x				
<b>Workshop 2: external</b>	event / webinars	Exploitation and Capacity Building of Products and Services												x				
<b>Webinar 5: external</b>	event / webinars	Exploitation and Capacity Building of Products and Services													x			
<b>Webinar 6: external</b>	event / webinars	Exploitation and Capacity Building of Products and Services														x		

<b>Number of defined governance and business models.</b>	publicati on	IPR Management, Definition of Business Model and Policy brief																	X	
<b>Policy briefs outlining impact of different data products/applications in National and European policies - 1</b>	publicati on	IPR Management, Definition of Business Model and Policy brief																		X
<b>Policy briefs outlining impact of different data products/applications in National and European policies - 2</b>	publicati on	IPR Management, Definition of Business Model and Policy brief																		X
<b>Policy briefs outlining impact of different data products/applications in National</b>	publicati on	IPR Management, Definition of Business Model and Policy brief																		X

and European policies - 3																		
Policy briefs outlining impact of different data products/applications in National and European policies - 4	publication	IPR Management, Definition of Business Model and Policy brief																x
Policy briefs outlining impact of different data products/applications in National and European policies - 5	publication	IPR Management, Definition of Business Model and Policy brief																x
Policy briefs outlining impact of different data products/applications in National and European policies - 6	publication	IPR Management, Definition of Business Model and Policy brief																x

\*This table presents an indicative schedule of events, activities and publications. The dates of activities not yet completed will be reviewed periodically and subject to change. This table will be presented again in the following reports updating the activities carried out.

## 6 KPI Monitoring

Below (Table 7) is the table to monitor the KPIs. Only the KPIs where WP6 is responsible or involved in are shown. For a complete monitoring of the project KPIs refer to the deliverable D5.3.

*Table 7: KPIs monitoring - update (M1 up till M36)*

KPI		Target	Achieved	Status	
<b>Obj.2: Enabling and promoting data sharing along the entire data value chain.</b>	<b>KPI.O4:</b> RILabs adopt and demonstrate data sharing best practices. The sensor data is readily available according to the metadata and governance models	<b>Target: 100%</b> of the RI labs	6	7	116%
	<b>KPI.O5:</b> Implementation of a best practice document on the different governance models, with drawbacks and benefits for the different stakeholders.	<b>Target: n.d. (1)</b>	1	1	100%
	<b>KPI.O6:</b> Workshops to highlight the importance of data sharing can be organized.	<b>Target: n.d. (1)</b>	1	2	100%
<b>Obj.4: Demonstrating the benefit of the improved monitoring capacities of the agri-environmental conditions in a precision farming context</b>	<b>KPI.O8:</b> The improved data products of RILabs are used to optimize the services to farmers, providing information or a service that is not feasible with the in-situ sensors alone	<b>Target: <math>\geq 5</math></b> RILabs	5	6	In various stages of progress across all RILabs

<b>Obj.5 Demonstrating the benefit of upscaled regional datasets for the agricultural sector in general</b>	<b>KPI.O11:</b> Number and feedback of the project's co-engagement activities such as workshops, webinars with national or EU policy makers, or with other liaised projects or initiatives such as the "Partnership of Agriculture of Data"	<b>Target: n.d. (set at 15)</b>	15	14	93%
<b>Topic Outcome 1: Strengthening capacities for smart farming, and thus to enhance the environmental and economic performance of the agricultural sector</b>	<b>KPI.I3:</b> Number of engaged possible users for all SF related data products.	<b>Target: 16</b>	16	12	75%
<b>Topic Outcome 2: Strengthening capacities for agri-environmental (climate) monitoring, particularly of soil and crop conditions</b>	<b>KPI.I6:</b> Number of engaged possible users for each soil and crop related data product.	<b>Target: 22</b>	22	58	209%
<b>Dissemination</b>	<b>KP.D1:</b> Participation in key user communities events (T6.3)	<b>Target: ≥ 2</b>	2	8	100%
	<b>KPI.D2:</b> RI Labs workshops (Wider Impact 5)	<b>Target: 12</b>	12	12	100%
	<b>KPI.D3:</b> Capacity Building Webinars and workshops (Wider Impact 5-KPI.I18)	<b>Target: 6</b>	6	8	133%
	<b>KPI.D4:</b> Project Conferences	<b>Target: 1</b>	1	1	100%

## 7 Conclusion

During the period covered by this updated report, ScaleAgData has significantly strengthened its dissemination, engagement and capacity-building activities, ensuring consistent progress toward the project's overarching objectives. Communication efforts—ranging from the expansion of the website and social media outreach to the publication of newsletters and participation in high-impact events have effectively increased the project's visibility and supported knowledge exchange across stakeholder groups. Engagement activities have consolidated a diverse and active stakeholder network, enabling meaningful collaboration with European initiatives and ensuring that project developments remain aligned with user needs. Capacity-building actions, including internal and external webinars and workshops, have enhanced the consortium's ability to integrate technological advances, address sector-specific requirements, and promote adoption of the project's solutions. Overall, the targets set for this reporting period have been largely achieved, and the work completed forms a strong foundation for the final phase of the project, during which dissemination, user engagement and training will play an even more critical role in maximising the long-term impact and sustainability of ScaleAgData's results.