D6.5 Final communication and dissemination report

Version 1.0

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V1.0	Integration of final comments and last proofreading

Table of Contents

Executive Summary

This *D6.5 Final communication and dissemination report* describes the communication and dissemination activities carried out from 1 October 2022 to 30 September 2025 (M1-M36), with a particular focus on the last year (M24-M36) of the project. It assesses the effectiveness of the communication and dissemination strategy and its contribution to reaching the task's overarching goals.

In addition to pursuing technical excellence and innovation, the SAFEXPLAIN project has worked to ensure that its results on safe, explainable and trustworthy AI-based systems reach the communities and stakeholders needed to drive uptake and adoption. Communication, dissemination and community building thus played an important role in the project's success and sought to raise awareness, build networks and ensure the project's results were visible, accessible and aligned with European priorities.

The communication and dissemination task has clear objectives:

1. Define, execute and monitor a communication and dissemination strategy
2. Communicate the benefits of SAFEXPLAIN research to target audiences
3. Build a dynamic community of potential users and encourage uptake of project technology
4. Facilitate cross-fertilisation with other projects working on similar areas
5. Transfer knowledge and technology to target stakeholders

Specific indicators were monitored to track the project's progress toward achieving these objectives. By M36, the project not only achieved its task objectives, but it also surpassed its communication and dissemination KPIs and expanded project reach across scientific, industrial and policy communities.

Key activities and achievements

- Results were shared through 12 peer-reviewed publications, media articles and important participations in 34 conferences and ecosystem events.
- The frequently updated website, social media campaigns, videos and a high-impact webinar series attracted audiences beyond initial expectations. LinkedIn followers and website traffic exceeded targets, underlining strong engagement.
- Active participation in European AI initiatives, including the European Commission Community and Support Actions (AI-on-Demand, AI, Data and Robotics Association ecosystem) and the TrustworthyAI cluster of sibling projects allowed the project to co-organise events, share assets on common platforms and expand its network and reach.
- Participations in external events, including workshops, dedicated meetings, and industry-focused sessions, ensured results were tailored to our target audiences' adoption and exploitation needs.

The dissemination and communication strategy served as a living document that was continuously adapted to seize new opportunities and maximise visibility, enabling SAFEXPLAIN to surpass its self-defined indicators. Its open access and accessible results live on through publications,

recorded webinars, public tools and new networks that will continue to serve research, industry and policy communities beyond the project's end.

1 Introduction and objectives

This *D6.5 Final communication and dissemination report* presents and analyses the communication and dissemination activities carried out throughout the lifetime of the project from 1 October 2022 to 30 September 2025 (M1-M36). It highlights project achievements and knowledge transfer activities enabled by an effective communication and dissemination strategy.

The strategy for the SAFEXPLAIN project was defined by the *D6.1 Dissemination and Communication Plan* and monitored and adjusted at month 12 and 24 by *D6.3 Initial communication and dissemination report* and *D6.4 Intermediate communication and dissemination report* to ensure that the project consistently met its success indicators while adapting to emerging opportunities and the evolving context of its activities. This report reflects on the overall impact of the communication and dissemination activities and how they support the objectives defined for this task.

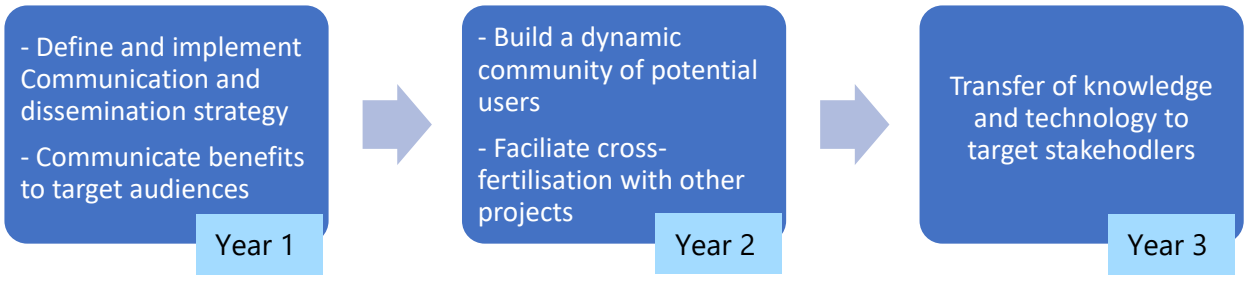
1.1 Communication and dissemination objectives

The Barcelona Supercomputing Center (BSC) leads the communication and dissemination task (T6.1), in collaboration with all consortium partners. The task, embedded in Work Package (WP) 6, Communication, Dissemination and Exploitation, is designed to maximize the project's visibility and impact.

Five objectives drive the communication and dissemination activities:

1. Define, execute and monitor a communication and dissemination strategy
2. Communicate the benefits of SAFEXPLAIN research to target audiences
3. Build a dynamic community of potential users and encourage uptake of project technology
4. Facilitate cross-fertilisation with other projects working on similar areas
5. Transfer knowledge and technology to target stakeholders

Key audiences, messaging and branding were defined in *D6.1 Communication and Dissemination Plan,* submitted in M3, as were three phases that roughly coincide with the task objectives.



This report analyses the effectiveness of the project's communication and dissemination activities and its phased approach to achieving the objectives. Section 2 reviews the project's graphic identity, dissemination materials, and media strategy. Section 3 showcases the project´s strong digital presence. Section 4 highlights participation in third-party events as well as peer-reviewed publications. Section 5 details collaboration with the European ecosystem, including synergies

with other projects and contributions to CSAs, Section 6 presents impact highlights and the KPI dashboard. The report concludes with Section 7, which offers an outlook for dissemination beyond of the project's lifetime.

2 Project identity, materials and press strategy

2.1 Graphic identity

KPI tracking

The KPI for establishing an effective graphic identity has been met.

1/1 PPT template

1/1 Word document

1/1 Poster template

The common graphic identity defined in the *D6.1 Communication and Dissemination Plan* established a recognizable brand for the SAFEXPLAIN project. These materials formed part of the first indicators achieved by the project.

Power Point, word and poster templates with the project branding have facilitated the consortium´s ability to quickly, consistently and appropriately share project information (including proper acknowledgement of EU funding). A strong and consistent graphic identity has allowed the consortium to quickly tailor and add new material for new opportunities that may arise. The SAFEXPLAIN brand guide, logo and templates are available in the internal project repository. The consortium has been applying these elements consistently.

2.2 Dissemination materials

KPI tracking

The KPI regarding dissemination material has been met.

3/1 flyers

4/1 posters

6/2 videos

1/1 factsheet

The dissemination team initially planned a project flyer, poster, a factsheet and two videos as a core dissemination pack to effectively share objectives and results, and direct audiences to the project website. Following a review of the communication and dissemination strategy at M24, and thanks to emerging opportunities (event participations, Coordinated Support Action (CSA) dissemination events), the consortium proactively expanded and tailored materials to different venues and audiences.

As a result, the project has exceeded its KPIs for this activity. Final materials are currently in preparation, including a dedicated factsheets for the case studies, which will be highlighted in the final press release.

2.2.1 Flyer

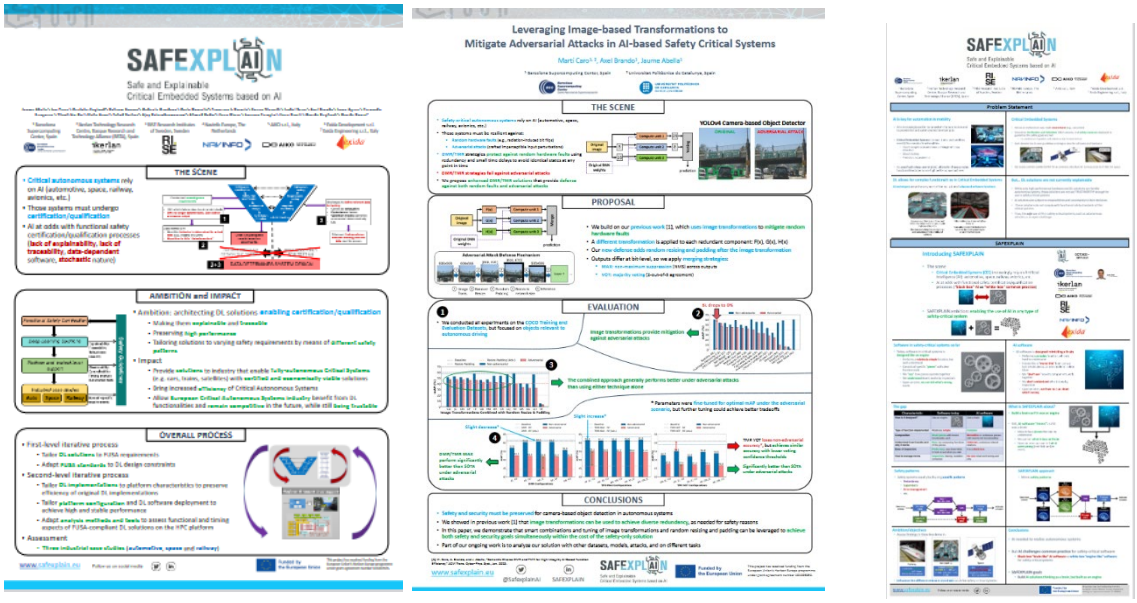
Three flyers were prepared to generate interest in the SAFEXPLAIN project at events. An initial flyer was created at the start of the project providing a comprehensive overview in digital and printer-friendly formats. The flyer has been shared physically at 13 events (Paris Space Week 2023, Supercomputing Conference 2023, Smart City Expo World Congress 2023, AI, Data and Robotics Forum (ADRF) 2023, Mobile World Congress 2024, ISC 2024, AdaEurope 2024, ADRF24, European Big Data Value Forum 2024, HiPEAC25, 2025 AI, Data and Robotics "Future Ready" event, 2025 DataWeek Athens, 2025 Automotive SPIN Italy (ASPIN) 2025, and shared digitally at virtual events and platforms, including the AIonDemand Platform, the 2024 ADR Convergence Summit.

Figure 1: SAFEXPLAIN overview flyers

Two more general public-oriented flyers were prepared for the 2023 and 2024 European projects corner of the Catalan Night of European Research "Nit de la Recerca Europea" and have been shared via the project website and social media to reach different audiences. Figure 1 shows the project's full set of flyers.

2.2.2 Poster and presentation

An official overview PowerPoint and six posters have been prepared within the framework of the project. Three are scientific posters, presented at the 2023 HiPEAC conference in Toulouse, ASPIN 2025 and International Symposium on On-Line Testing and Robust System Design (IOLTS25), while the other three target a more general public and policymaker audience. Two of the general public posters were prepared for the 2023 and 2024 AI, Data and Robotics Forum and the other was prepared for the 2023 AI Convergence Summit digital booth. Figure 2 shows the posters available to the consortium.



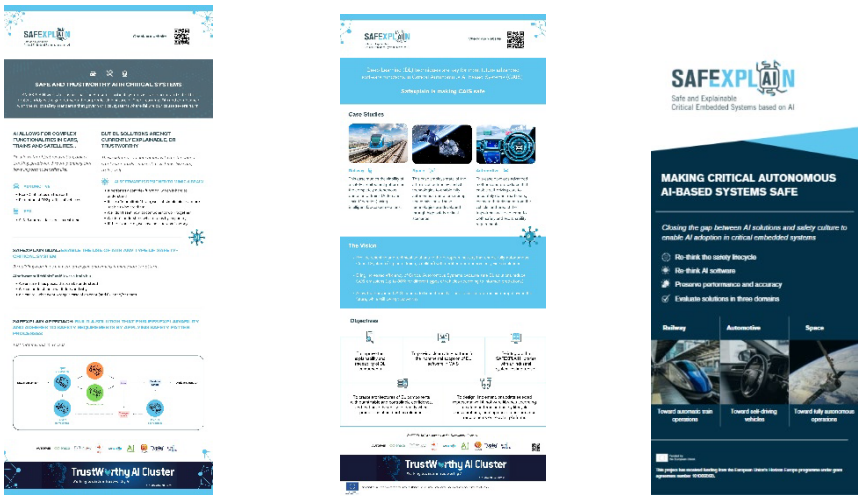


Figure 2: SAFEXPLAIN posters

2.2.3 Project videos

The communication and dissemination plan initially envisioned two project videos to help introduce the project and to present results. The first video introducing SAFEXPLAIN, its objectives and vision was released in October 2023. The video has had 291 visualizations. A second video presenting the project's results and impact was released at M36, creating a powerful story connecting building trust in humans to building trust in AI.

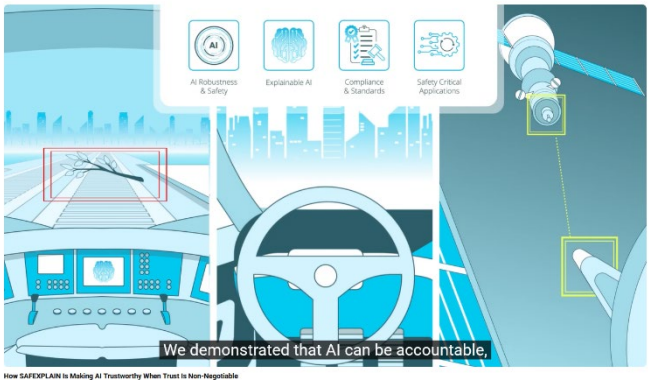
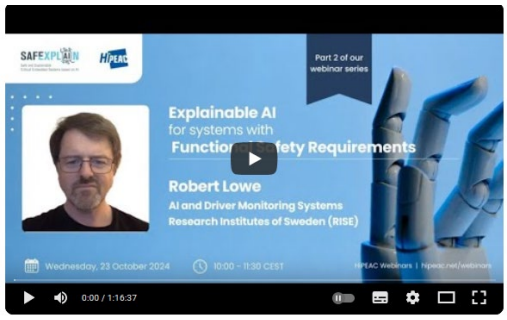


Figure 3: Extract from SAFEXPLAIN final video

During the project, it became clear that many industrial and academic audiences sought more in-depth insights into the project's results and that the European Commission's CSAs offered a strong channel for dissemination. To address this, a webinar series was launched, hosted by HiPEAC for reach in the computer research community, with the recordings also shared on the AI-on-Demand platform and the ADR Resource Center.

The series was well received, and a total of four webinars were produced, each focusing on a different part of the project's technology. Adapting the strategy in this way ensured broad dissemination and exceeded the goals set out in the original plan. There was an average of 30 attendees per webinar in addition to a cumulative 869 visualizations.

Webinar 1: Towards functional safety management for AI-based critical systems – SAFEXPLAIN



Webinar 2: Explainable AI for Systems withFunctional Safety Requirements

Webinar 3: "Putting it together: The SAFEXPLAIN platform and toolsets"

Making certifiable AI a reality for critical systems: SAFEXPLAIN core demo

Webinar 4: Making certifiable AI a reality for critical systems- SAFEXPLAIN core demo

2.2.4 Factsheets

A final factsheet was originally planned for M36 to summarise the project's results. Instead of limiting output to a single factsheet, it was decided to expand the plan to have three factsheets in total, one per case study, to emphasise the project´s impact and benefit for each specific industrial community. The factsheets are in production and will be included with the final press release.

Additionally, during the project, a factsheet was created to explain the project's Core Demo. It highlighted the Core Demo's importance for demonstrating the integration of the project's technologies and their application to the case studies. This factsheet was also used to promote the Core Demo webinar and the SAFEXPLAIN final event, ensuring strong visibility for this key project result.

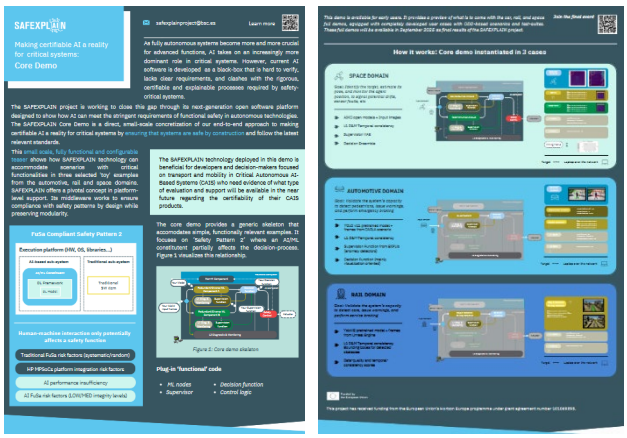


Figure 4: Core Demo factsheet

2.2.5 Press strategy

Press releases and engagement with the technical media have been useful for amplifying key project accomplishments and reaching technical and industrial stakeholders. Using its extensive media contact data base, the consortium has publicised key milestones throughout the project: 13 February 2023 (Official project launch press release), 17 October 2023 (announcement of project overview video), and 03 July 2023 (unveiling the project's Core Demo). A final press release is planned for M37, once all deliverables are submitted, with a summary of project results and highlights.

KPI tracking

The KPI on press strategy is on track to be met.

3/2 press releases

22/ 30 press clippings

The press releases generated good visibility for SAFEXPLAIN with coverage in 22 different outlets. Notable appearances include pieces in HPC Wire and EETimes, two industry-leading sources of cutting-edge technical news. SAFEXPLAIN has also been mentioned in the news of the Institute for Information Industry, a Taiwanese research institute who we have been collaborating with (see *D6.8 Final exploitation report*, for more information), underscoring the project's relevance for research, industry and international communities. Other important publications include January 2023 and January 2025 articles in HiPEAC magazine, a leading reference point for researchers, industry and policy related to computing systems. A full list of media citing the project can be found on the press clippings page of the project website.

3 Digital Presence

The project's digital strategy is a critical component of the Communication and Dissemination Plan. The project website and two social medial channels were selected as the primary tools for quickly and effectively reaching a broad range of audiences. These channels have proven extremely successful, not only increasing the visibility of the project, but also building a community around project results.

By project end, the website, which had originally targeted 3,000 users, had reached 4,000 users by M24 and 8,100 users by M36, demonstrating strong interest in SAFEXPLAIN's outputs. Social media channels also outperformed original targets, closing with 544 combined followers at project end, 81% more than initially expected.

Although these initial KPIs were met by M24, the consortium remained committed to expanding visibility and engagement with the website and social media by publicizing participation in many high-impact events (see Section 4), generating significant interest around the webinar series on social media (see Section 2), spotlighting collaboration with the EU ecosystem (see Section 5) and publishing monthly technical updates on the website.

To reflect the project's evolution as key results became available, the website homepage was slightly refreshed at M30, coinciding with the release of the project's Core Demo webinar and technical specification. This update marked an important step in showcasing SAFEXPLAIN technologies and their potential for uptake and exploitation (See *D6.8 Final exploitation Report*).

3.1 Website (https://safexplain.eu/)

KPI tracking

The KPI of 1000 users per year has been met.

8100/3000 users

The SAFEXPLAIN project website, launched on 2 January 2023 (M4), has served as the central communication and dissemination hub. It provides an overview of objectives, case studies, events, publications and news, while reflecting the consortium's commitment to open science, equality and diversity. Content is regularly updated through contributions from all partners, including monthly news pieces (70 published by M36), publications, videos and more.

Since M24, two new web pages were created to facilitate access to project results. The demos and videos page includes all the videos produced within the framework of the project as well as the demos of several project technologies. The technologies page was also created to spotlight the technologies matured and developed within the project (Figure 5).

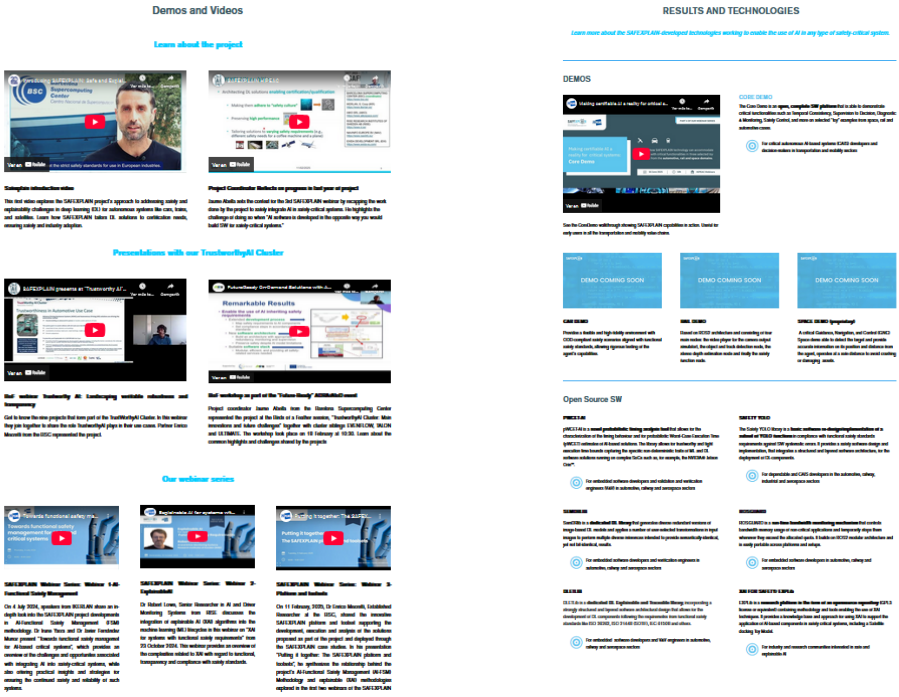


Figure 5: New web pages created to share results: demos and videos (left) and technologies (right)

Website users doubled from M24 to M36, according to the Google Analytics tool used by the dissemination team to monitor website usage and engagement. At M24 (September 2024), the website had 4,000 users and 6,200 sessions, while at M36 these numbers more than doubled, reaching 8,100 users and 13,000 sessions. These figures clearly demonstrate the strong visibility achieved by the project.

Audience demographics have also been monitored as a means of measuring the project's impact (Figure 6). While SAFEXPLAIN is a European initiative with partners from Spain, Italy, the Netherlands, and Sweden, the website has attracted many users from other countries. The three top countries of origin of website users are the US, Spain and Germany, reflecting broad international interest and relevance to key industrial communities. For example, visitors from the US rose from 474 users at M24 to 1,800 users at M36. Spanish audiences more than doubled from 370 to 982 in the same period. Increased German traffic is likely linked to relationships between the project and the Quality Management Centre (QMC) in the German Association of the

Automotive Industry (VDA) (see *D6.6 Initial Exploitation Report*, for more information on this relationship), showing how project collaborations and community building can translate into online visibility.

Figure 6: Users by country of origin M12-M24 (left) and M24-M36 (right)

Engagement metrics further underline the success of the project website. While the homepage remains the top visited page, users increasingly visit results-oriented content, specifically publications and deliverable (Figure 7), meaning that our audience is not only using the website to learn about the project, but also to delve into results. In D6.4, the communication and dissemination strategy was updated to include targeted social media campaigns designed to direct traffic towards these results-oriented sections, an activity that seems to have increased users and engagement with project results.

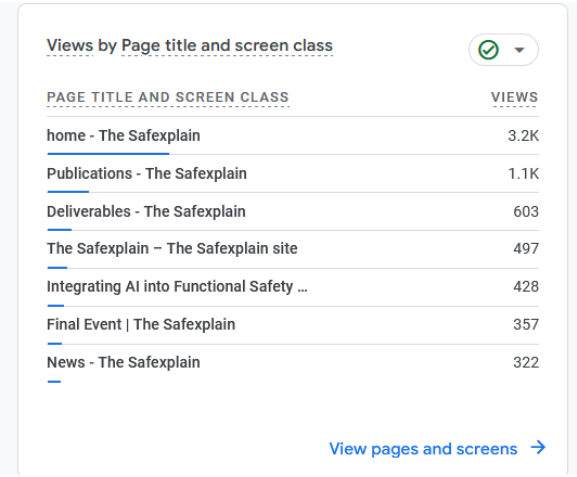


Figure 7: Page views M1-M36 (left) Users by country (right)

3.1.1 Access to project results

The project website features a dedicated section for project results, namely technologies, publications, deliverables and demos and videos. Each category has its own page, allowing visitors to explore the key outputs of the project.

The *Technologies´* page highlights the key exploitable results identified in the *D6.8 Final Exploitation Report,* providing links or additional information for each technology. It also presents the Core Demo and case study-specific demos to show the technology in action. The *publications'* page contains all project publications in journals and conference proceedings as well as the slides from oral presentations and posters.

The *deliverables'* page contains all public deliverables and will be updated following the final review with the last sets of deliverables. *Videos and demos* bring together the visual content in one place, making it easy to navigate, depending on audiences' needs (from high-level overviews to technical webinars on specific project technologies).

Over the last year, the deliverables and publications pages have attracted a growing number of visitors. The technologies' page launched more recently is also expected to gain significant traction in the coming months, particularly after the release of the links to the technologies following the final event and final press release.

3.1.2 Diversity and equality

The SAFEXPLAIN project has emphasised the importance of promoting women in science and ensuring equality and diversity considerations are integrated into project communication activities. To this end, a dedicated 'Equality and Diversity' webpage was created on the project website providing access to the Gender Equality Plans of partners to highlight the consortium's commitment to inclusive research practices. The webpage also showcases the contributions of women researchers within SAFEXPLAIN, including dedicated campaign content like the "Women in Science" behind the SAFEXPLAIN project, which asked women researchers in the project to give advice to young scientists. These activities have not only served to reinforce the project's values, but they have also provided a visible statement of support for diversity in European research and innovation.

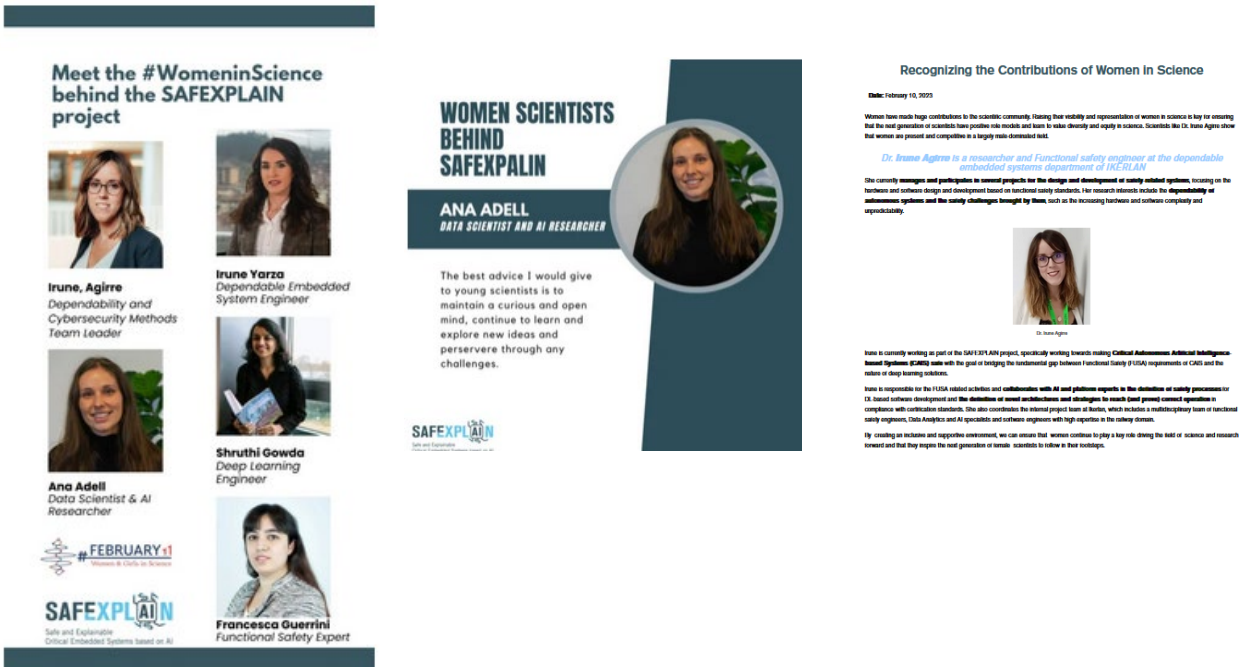


Figure 8: Examples of campaigns devoted to highlighting diversity and equality

Looking ahead, the SAFEXPLAIN project will continue to serve as a hub for project results, resources and stakeholder engagement. Arrangements have been made to ensure the website remains hosted at its current domain and accessible for at least three years beyond the project lifetime to maintain the availability of project outputs. Links to project technologies and contact points will also be provided, allowing stakeholders to access further information as needed.

3.2 Social media

Social media offers an unparalleled opportunity to share project information and results with a worldwide network of audiences. The project manages two social media accounts which it uses to draw attention to the website and to stay up to date with the latest developments in the research and industrial communities.

KPI tracking

The KPI of 300 followers by the end of the project has been met.

544/300

Social media is a valuable tool for bringing attention to key project results, including publications, presentations, news pieces and more. These activities are summarized and tailored to a social media format that then links back to the website. The dissemination team ensures that social media accounts are updated at least three times per week. Moreover, dissemination help from EU social media channels like the AI, Data and Robotics Association (ADRA) and the AI-on-Demand Platform provide access to even more audiences and help target specific audiences from the EU community, industry and specialized AI communities, thus helping to amplify project impacts and to expand its reach. Social media is an important part of the dissemination objective of community building. At M24, the SAFEXPLAIN project had 419 social media followers and at M36, it has 544.

3.2.1.1 LinkedIn

LinkedIn is the project's primary social media channel, offering a dynamic platform to engage professionals and industrial audiences. At M36, the SAFEXPLAIN LinkedIn page counted with 471 followers, compared to 342 at M24.

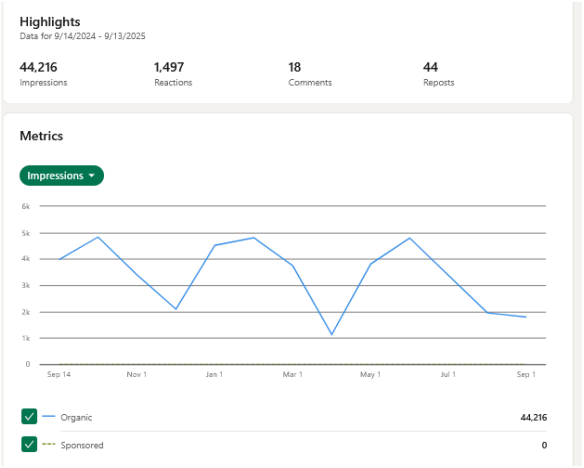


Figure 9: LinkedIn analytics (impressions, engagement) M24-M36

LinkedIn content is varied to address multiple target audiences, highlighting project achievements, results and the impact of European collaboration, while also driving traffic to the project website. Between M24-M36 SAFEXPLAIN posts had received 44,215 impressions, 1,497 reactions, 18 comments and 44 reposts, with an average engagement rate of 8.7%, (high for social media accounts of this genre[1]). Figure 9 shows the monthly impressions average of around 1000 per month, which peak during targeted campaigns such as the announcements of the launch of the Demos and videos page (1 Oct 2024), the first webinar in our webinar series (1 February 2025) and the Core Demo webinar announcement (June 2025).

Figure 10 illustrates two well-performing posts in terms of high engagement rates. The first post highlights the publication of the exida development news piece on "Safety for AI-Based Systems", describing the methodology for validation and verification of AI-based components in safety-critical systems. The post received 404 impressions, 27 clicks and a click-through-rate (CTR) of 3.2%, which is within the range of what is considered a good CTR[2]. The second post announces the release of the Core Demo webinar video and supporting documents, receiving 528 impressions, 34 clicks and had a 3% CTR.

[1] According to a Hootsuite industry benchmark study from 2025, https://blog.hootsuite.com/average-engagement-rate/

[2] According to LinkedIn, https://www.linkedin.com/pulse/11-effective-ways-improve-your-organic-ctr-thefoxadv/

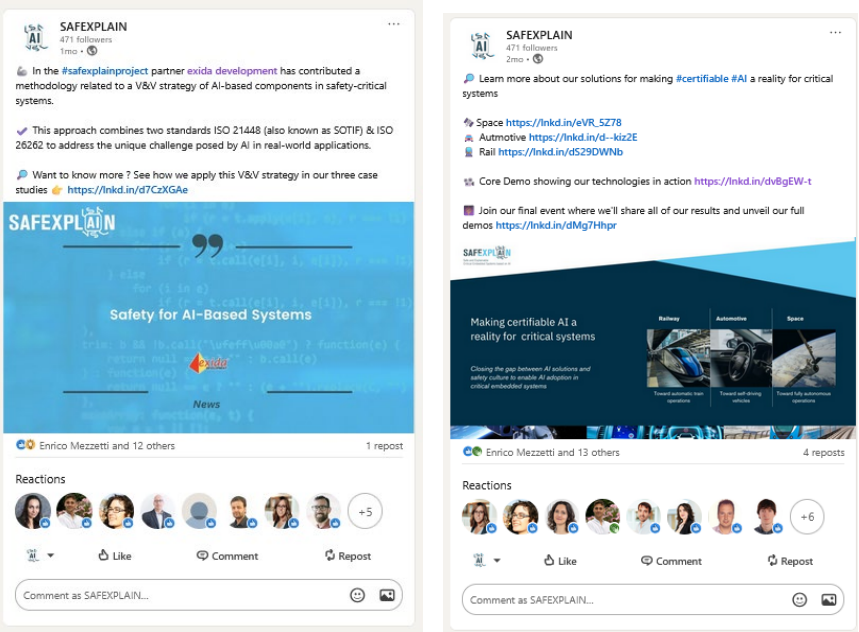


Figure 10: Examples of successful LinkedIn posts

In the last year of the project, the LinkedIn strategy shifted from general communication and awareness-raising to showcasing concrete project results. Posts highlighted technologies, demos and publications, strengthening engagement with potential end-users and industrial stakeholders. This approach has helped position SAFEXPLAIN as not only a research initiative, but also as a source of practical exploitable outcomes. Following the project's conclusion, the LinkedIn account will be updated once a week until the end of the year. From December 2026 on, the account will remain online for three years as a reference point, ensuring continued visibility of SAFEXPLAIN's activities and outputs, although it will no longer be actively updated.

3.2.1.2 X

While the project initially maintained an X account, its role in SAFEXPLAIN's communication and dissemination strategy has been limited from M24-M36. It became clear that this channel no longer aligned with the project's needs and audiences. The fast-paced and restrictive format of X made it difficult to share in-depth technical results, and analytics confirmed that engagement levels were significantly lower than LinkedIn. As a result, LinkedIn became the primary channel where more audiences were active and where the format allowed for more comprehensive communication. The SAFEXPLAIN X account is still online for reference, but it is not actively updated. Focusing on LinkedIn has allowed the consortium to focus on ensuring greater visibility, engagement and impact.

Social media played a key role in sharing information and dissemination results throughout the SAFEXPLAIN project. In addition to reaching target audiences, these channels have helped establish a community around the project and its technologies. From M24-M36, the focus shifted to leveraging these channels (primarily LinkedIn) to promote concrete outputs to drive traffic to the website and encourage the uptake of results.

4 Events and publications

4.1 Events

Participation in external events has been a key part of the SAFEXPLAIN project dissemination strategy, providing opportunities to showcase project findings, engage with both academic and industrial communities, and foster collaboration and uptake of results. Presenting at high-level peer-reviewed conferences and workshops ensured the visibility of project results and important avenues for exchange and community building.

KPI tracking

The event KPI of 16 events has been met.

34/16 events

Plus 1 booth, 10 dedicated meetings

By M36, the consortium had participated in 34 external events. In the last year of the project, the consortium attending 10 events, six of which were conferences, four were workshops and one included a booth in an industrial conference. More than 10 dedicated meetings were held with interested stakeholders, not including events held within the framework of EU AI or cluster activities. These participations have been well-received with additional networking and dissemination opportunities emerging from them.

Key event highlights from M24-M36 include:

- Keynote and workshop at Gate4SPICE INTACS event, hosted on 17 September 2024[3]
- Presentations in two workshops and participation in a booth at HiPEAC 2025
- Presentation, booth and demo at the 23° Workshop on Automotive Software & Systems, hosted by Automotive SPIN Italia on 29 May 2025
- 2025 28th Euromicro Conference Series on Digital System Design (DSD), two papers presented.

Gate4SPICE INTACS event

HiPEAC 2025

[3] This activity technically belongs to the M1-M24 reporting period, but it was not documented in the last report because of its occurrence during the last month of the first reporting period.

Automotive SPIN Italia

28th Euromicro Conference Series on Digital System Design

Figure 11: SAFEXPLAIN participation in a subset of events

Figure 11 shows photos from these highlighted events. The full list of event participations is included in the project dissemination register in Annex 1. Events are previously announced on the SAFEXPLAIN *Events* page and disseminated through the project's social media accounts. A news piece with photos and links to the presentations are then included in the *News* page.

In addition to their valuable role for dissemination, these events allowed the consortium to build key relationships that were further built on as part of the exploitation strategy (see D6.8). These activities in turn opened the door to greater dissemination opportunities in the form of event participation, transfer of knowledge and community building.

4.2 Publications

Peer-reviewed publications have been a key channel for disseminating SAFEXPLAIN results, ensuring visibility within the scientific and research community. By project end, the consortium had produced 12 peer-reviewed publications in conference proceedings or journals, with five more in the pipeline (all accepted). In addition to providing an outlet for the project's technical advances, it also reinforces its credibility and supports uptake by relevant communities. The list of publications is available in Table 1.

KPI tracking

The publications KPI has been met.

12/10 publications

In progress: 5 accepted

Tabla 1: SAFEXPLAIN publications at M36

No.	Type of Scientific Publication	Title of the Scientific Publication	Authors
1	Article in journal	On Neural Networks Redundancy and Diversity for their Use in Safety-Critical Systems	Axel Brando, Isabel Serra, Enrico Mezzetti, Francisco J. Cazorla, Jon Perez-Cerrolaza, Jaume Abella
2	Conference proceedings/workshop	Retrospective Uncertainties for Deep Models using Vine Copulas	Natasa Tagasovska, Firat Ozdemirm Axel Brando
3	Conference proceedings/workshop	SAFEXPLAIN: Safe and Explainable Critical Embedded Systems Based on AI	Jaume Abella, Jon Perez, Cristofer Englund, Bahram Zonooz, Gabriele Giordana, Carlo Donzella, Francisco J. Cazorla, Enrico Mezzetti, Isabel Serra, Axel Brando, Irune Agirre, Fernando

			Eizaguirre, Thanh Hai Bui, Elahe Arani, Fahad Sarfraz, Ajay Balasubramaniam, Ahmed Badar, Ilaria Bloise, Lorenzo Feruglio, Ilaria Cinelli, Davide Brighenti, Davide Cunial
4	Conference proceedings/workshop	Standardizing the Probabilistic Sources of Uncertainty for the sake of Safety Deep Learning	Axel Brando, Isabel Serra, Enrico Mezzetti, Francisco J. Cazorla, Jaume Abella
5	Conference proceedings/workshop	Software-Only Semantic Diverse Redundancy for High- Integrity AI-Based Functionalities.	Martí Caro, Axel Brando, Jaume Abella
6	Conference proceedings/workshop	AI-FSM: Towards Functional Safety Management for Artificial Intelligence-based Critical Systems	Javier Fernández, Irune Agirre, Jon Perez-Cerrolaza, Lorea Belategi, Ana Adell, Carlo Donzella, Jaume Abella
7	Conference proceedings/workshop	Safety-relevant AI-based system robustification with neural network ensembles	Adria Aldoma , Axel Brando Guillaumes, Francisco Javier Cazorla Almeida, Jaume Abella Ferrer
8	Conference proceedings/workshop	Semantic Diverse DMR and TMR for High-Integrity AI-Based Function Efficiency	Martí Caro, Axel Brando, Jaume Abella
9	Conference proceedings/workshop	Probabilistic Timing Estimates in Scenarios Under Testing Constraints	Sergi Vilardell, Francesco Rossi, Gabriele Giordana, Isabel Serra, Enrico Mezzetti, Jaume Abella, Francisco J. Cazorla
10	Conference proceedings/workshop	Managing Sources of Uncertainty in Utilizing AI in Development and Deployment of Safety-Critical Autonomous Systems	Robert Lowe, Maria Ulan, Thanh Hai Bui, Ana Adell, Jokin Labaien, Axel Brando
11	Conference proceedings/workshop	Leveraging Image-based Transformations to Mitigate Adversarial Attacks in AI-based Safety-Critical Systems	Martí Caro, Axel Brando, Jaume Abella
12	Conference proceedings/workshop	Detecting Low-Density Mixtures in High-Quantile Tails for pWCET Estimation	Blau Manau, Sergi Vilardell, Isabel Serra, Enrico Mezzetti, Jaume Abella, Francisco J. Cazorla
Accepted publications			
	Type of Scientific Publication	**Title of Scientific Publication**	**Authors**
13	Conference proceedings/workshop	SAFEXPLAIN: a Complete Approach Towards Trustworthy AI-Based Safety-Critical Systems	Jaume Abella, Irune Agirre, Thanh Bui, Frank Geujen, Gabriele Giordana, Carlo Donzella, Francisco J. Cazorla, Enrico Mezzetti, Axel Brando, Javier Fernández, Irune Yarza, Joanes Plazaola, Robert Lowe, Maria Ulan, Rob Lavreysen, Lucas Tosi, Ilaria Bloise, Lorenzo Feruglio, Ilaria Cinelli, Stefano Lodico, William Guarienti, Giuseppe Nicosia, Valeria Dallara
14	Conference proceedings/workshop	Towards a Safe End-to-End AI framework: MISRA C-Compliant YOLO for Object Detection	Javier Fernández, Irune Agirre, Irune Yarza, Jon Perez-Cerrolaza
15	Conference proceedings/workshop	Invited presentation- Quality Evaluation of ML-based Software Systems 2025	Carlo Donzella, Giuseppe Nicosia, F. Bella, Irune Agirre, Javier Fernandez, L. Belategi, Joanes Plazaola
16	Conference proceedings/workshop	Semantic Diverse Redundancy for Robust Multi-Modal Safety-critical AI Tasks	Martí Caro, Axel Brando, Jaume Abella
17	Conference proceedings/workshop	Differentiating Adversarial Attacks from Natural Sensory	Robert Lowe, Maria Ulan, Thanh Hai Bui, Gabriele Giordana. Tobia Giani, Francesco Rossi

These publications have served to amplify the project's technical results across diverse research communities, positioning the project as a scientific reference point and practical contributor to discussions on Trustworthy AI, functional safety and the future of safety-critical systems. High-impact journals have maximised scientific visibility, while flagship conferences connect the project to global research leaders and specialised venues in dependable systems have ensured strong relevance for safety-critical industries.

In line with Horizon Europe's Open Science requirements, every publication is open access and deposited in official repositories. They are also easily available on the project website in the Publications page with dedicated social media posts being used to highlight their availability online.

5 Collaboration with EU AI community

The SAFEXPLAIN project has actively contributed to strengthening Europe's AI ecosystem by ensuring its results feed into the broader digital transformation and trustworthy AI agenda. Through strategic collaborations with European Commission-funded Coordination and Support Actions (CSAs) such as the AI, Data and Robotics Association and ecosystem (ADRAe) and AI4Europe (AI-on-Demand Platform), the project gained visibility, presented in five ecosystem-wide events and expanded its network.

Close cooperation with fellow project under its call (HORIZON-CL4-2021-HUMAN-01-01), further expanded impact through seven joint events, and served as the basis for the co-organised "AI in Safety Critical Systems: Overcoming Adoption Barriers" event, with members of the TrustworthyAI community. While collaboration with the CSAs began as a means of amplifying project visibility, through the life of the project, it evolved into a strategic forum for co-dissemination and coordination among the TrustworthyAI cluster of projects, expanding the project's reach and contributing to activities that helped to reach our objectives set for both activities.

5.1 Collaboration with AI, Data and Robotics projects and Partnership Activities

Collaboration and synergies are a driving force of the European research landscape and SAFEXPLAIN has actively engaged with EU CSA networks and platforms to ensure its results address European priorities. The project participated in five events and has shared materials and results through CSA platforms and repositories (AIonDemand, ADR Awareness Centre), making its outputs accessible to the European AI community.

KPI tracking

The project has met this KPI of participating in at least 2 events organised by the CSA partnership.

5/2 participations

SAFEXPLAIN engaged with the CSAs since its inception. It has since participated in five key events:

- 2022 Launch Event: Paving the way towards the next generation of R&I excellence in AI, Data and Robotics on 17 October 2022- Introduction events with coordinator presentation
- 2023 AI Data and Robotics Forum (ADRF) on 08-09 November 2023 and the 2024 ADRF on 04-05 November 2024 -Brief talk and presentation of a roll-up
- 2024 AI Convergence Summit on 18-19 June 2024- Project-hosted digital booth

- 2025 "Future Ready: On-Demand Solutions with AI, Data and Robotics" on 18-19 February 2025- Birds of a Feather session, "TrustworthyAI Cluster: Main innovations and future challenges"

Figure 12: Coordinator, Jaume Abella, presents key project results at the "Future Ready" event (left), Michel Barreteau, ULTIMATE project coordinator from the TrustworthyAI Cluster, presents cluster highlights and recommendations at the same event

The SAFEXPLAIN profile has been available on the AIoD platform since its first year, with updates on project news, webinars, and the case studies periodically updated up until the platform's re-brand in June 2025. The dissemination team has built a good relationship with the communication and dissemination team lead by AIoD and has often used its networks to advertise webinars, events and news. The project's webinar series (see Section 2.2.3) is also available on the AI Data and Robotics awareness centre webpage to increase visibility and ensure this EU-funded research remains at the disposal of the community.

5.2 Collaboration with AI, Data and Robotics projects

KPI tracking

The KPI for organising a series of periodic virtual events and a one-day final workshop is on track.

7/6 virtual events

1/1 workshop for 150 ppl

Plus white paper with cluster

SAFEXPLAIN is a project that feeds into and benefits from the greater EU research community. Throughout its lifetime, the project has collaborated with several other EU-funded projects, including many under the AI, Data and Robotics topic. In particular, seven joint activities have been held with sister projects under its call (HORIZON-CL4-2021-HUMAN-01-01), which all seek to pave the way for the widespread acceptance of Artificial Intelligence (AI) across Europe by focusing on verifiable robustness, energy efficiency and transparency. This community of projects, self-named the TrustworthyAI Cluster of projects, was built up through monthly calls that have helped to facilitate knowledge-exchange, dissemination of results, visibility and has fostered synergies.

In the first two years of the project five activities or events were carried out including, 1) an introductory Workshop on Establishing the next level of 'intelligence' and autonomy, 2) a press release on the collaboration, 3) a synergy meeting with fellow-cluster sibling ULTIMATE, 4) birds-of-a-feather webinar "TrustworthyAI: Landscaping verifiable robustness and transparency" hosted

by ADRAe, and 5) a joint digital booth at the 2024 ADR Exhibition as part of the 2024 AI Convergence Summit.

Figure 13: Participation with Rexasi-Pro at 2025 HiPEAC conference

Since M24, SAFEXPLAIN participated in two more events with its cluster and in several bilateral meetings with other EU-funded projects, specifically EdgeAI-Trust, SMILE and safe.train. In January 2025, SAFEXPLAIN participated in the HiPEAC "MCS: Mixed Critical Systems – Safe Intelligent CPS and the development cycle" workshop with sibling project REXASI-PRO. In February 2025, members of the TrustworthyAI cluster presented at the "Future Ready Event" in Brussels to share results, common challenges and recommendations to the EC for funding the next iteration of European AI projects (See section 5.1).

5.2.1 Final event in collaboration with other AI projects

On 23 September 2025, the consortium co-organized a public event on "Trustworthy in Safety Critical Systems: Overcoming Adoption Barriers" together with the ULTIMATE project and the EdgeAI-Trust project. As ULTIMATE and SAFEXPLAIN ended on 30 September 2025, the event was an opportunity to showcase results and hand the torch to the EdgeAI-Trust consortium who will continue to work on issues on TrustworthyAI. The event was well received with the majority of the audience providing the organizers with extremely good feedback through a post-event survey, especially regarding the quality of presentations and the interest in the cross-project panel. Sixty attendees joined in person and 36 joined online.

Figure 14: Final event participants on 23 September 2025 (left). Project coordinators and moderator of introductory panel (right).

These activities demonstrate the project's commitment to active collaboration and information exchange with the EU AI community to advance shared European research and innovation

priorities. As part of the final collaboration activities, the SAFEXPLAIN consortium is contributing to a white paper, organised under the framework of the TrustworthyAI Cluster. An initial draft has been prepared with all sibling projects in the cluster, and the results will be shared via the AIoD and ADRA platforms.

6 Key Performance Indicators

KPIs were monitored throughout the life of the project, with specific checkpoints at M12 and M24 via deliverables and M18 with the technical report. This strategy ensured that by project end, SAFEXPLAIN successfully met all its dissemination KPIs, and even exceeded several. The consortium's strong commitment to sharing results through conferences, industrial events, regular website updates, exploitation activities, and collaboration with the EU AI ecosystem, other projects, and industry partners, served to amplify the project's reach and successfully communicate the benefits of SAFEXPLAIN to target audiences, build a dynamic community and transfer knowledge to stakeholders.

Dissemination channel	KPI	Measure	Status at M12	Status at M24	Status M 36
Graphic identity	Logo and brand guide to create templates	PPT: 1 Word template: 1 Poster template: 1	1/1 PPT 1/1 Word 1/1 Poster	1/1 PPT 1/1 Word 1/1 Poster	1/1 PPT 1/1 Word 1/1 Poster
Promotional materials	Materials to promote the project promotion and main goals	Flyer: 1 Poster/infographic: 1 Video: 2 Factsheet: 1	1/1 Flyer 1/1 Poster 1/2 videos 0/1 factsheet	1/1 Flyer 2/1 Poster 1/2 videos 0/1 factsheet	3/1 flyers 4/1 posters 6/2 videos 1/1 factsheet
Media Liaison	Publicise key milestones to build upon the consortium's large database of media contacts and press release launch	Press release: >=2 Press clippings: >=30	1/2 Press releases, 9/30 press clippings	2/2 Press releases, 15/30 press clippings	3/2 Press release 22/30 press clippings
Website	Visitor statistics (number of users and their location captured by Google Analytics)	Average 1,000 users per year	1900/3000 users	4000 /3000 users	8,100/3,000 users
Social Media	Dedicated X and LinkedIn accounts as well as using the partners' channels	>=300 followers by end of project	170/300	419/300 followers	544/300 total followers
Collaboration with AI, Data and Robotics projects	Organise a series of periodic virtual half-day meetings (e.g. with webinars, panels, etc.) every 4-6 months and a one-day workshop	Virtual meetings: >=6 1 Workshop with around 150 people	1/6 virtual meetings 0/1 workshop	5/6 virtual meetings 0/1 workshop	7/6 meetings 1/1 workshop (final event)

EC dissemination /CSA /Partnership activities		Participation in at least 2 events organized by the CSA/Partnership	1/2 participations	3/2 participations	5/2 participations
Scientific publications	Papers published, both in scientific venues and Journals	>=10	3/10 publications	5/10 publications	12/10 publications
Participation in 3rd party events	Present the results at top tier conferences via peer-reviewed papers, workshops and keynotes	Research and industry events, including demos: >=16	7/16 participations	22/16 participations	34/16 event participations

7 Conclusions and next actions

Overall, the project's communication and dissemination efforts have been highly successful, achieving all KPIs and exceeding several. Over three years, the consortium built a strong foundation for visibility, expanded its channels of engagement and ensured that results reached its intended target audiences.

In the first year, the project focused on establishing the project's identity and communication tools and channels. The second year monitored the success of these tools and channels and adapted them to ensure alignment with the task's objectives. A key focus was placed on community building and cross-fertilisation with the EU AI landscape. The final year took advantage of this momentum to focus on sharing results, including showcasing technologies, delivering the well-received webinar series, publishing peer-reviewed papers and continuing engagement with cluster partners and the CSAs.

Key highlights include more than doubling the website user base, producing many more dissemination materials than initially foreseen to take advantage of the interest expressed in the project, engaging many stakeholders via LinkedIn and amplifying project visibility and impact through synergies with Europe's AI and industrial communities.

Through these combined efforts, SAFEXPLAIN has maximised visibility, ensured transfer of knowledge and laid the groundwork for the sustainability of its results beyond the project's lifetime.

8 Acronyms and abbreviations

- ADRA—AI, Data and Robotics Association
- ADRAe—AI, Data and Robotics Association Ecosystem
- AI – Artificial intelligence
- BSC- Barcelona Supercomputing Center
- CA – Consortium Agreement
- CAIS – Critical AI-based Systems
- CSA—Coordinated Support Action
- CTR—Click Through Rate
- D – deliverable
- DL—Deep Learning

- DoA – Description of Action (Annex 1 of the Grant Agreement)
- EB – Executive Board
- EC – European Commission
- FUSA – Functional Safety
- GA – General Assembly / Grant Agreement
- HPC – High Performance Computing
- IPR – Intellectual Property Right
- KPI – Key Performance Indicator
- M – Month
- MS – Milestones
- PM – Person month / Project manager
- QMC – Quality Management Centre
- RISE- Research Institutes of Sweden
- VDA—German Association of the Automotive Industry
- WP – Work Package
- WPL – Work Package Leader

Annex I SAFEXPLAIN dissemination register M25-M36

Annex 1 lists the activities undertaken to communicate and dissemination SAFEXPLAIN from M25-M36. For a list of dissemination activities from M1-M24, see Annex 1 of *D6.5 Intermediate Communication and Dissemination Report*.

Partner	Activity name (and link)	Start date DD/MM/YY
RISE	News piece: RISE explains XAI for systems with Functional Safety Requirements	07/10/2024
ALL	Second IAB Meeting	10/11/2024
RISE/BSC	Webinar 2: XAI for systems with functional safety requirements	23/10/2024
IKL	Participation in an industrial roundtable in 5th edition of the Leaders in Tech Conference	27/10/2024
ALL	News piece: Consortium sets course for last year at Barcelona F2F	31/10/2024
ALL	SAFEXPLAIN at the the AI, Data and Robotics Forum 2024	11/04/2024
ALL	News piece: Contributing to EU Soveregnty in AI, Data and Robotics at the ADRF24	11/06/2024
BSC	News piece: BSC receives visit from delegate from Taiwanese Institute for Information Industry	11/08/2024
ALL	News piece: RISE Webinar Highlights XAI for Systems with Functional Safety Requirements	11/12/2024
exida	News piece: Developing Scenario Catalogues for SAFEXPLAIN Case Studies: the Railway Case	15/11/2024
BSC	News piece: Coming Soon! SAFEXPLAIN technologies converge in an open demo	16/12/2024
IKL	News piece: Safety patterns for AI-based systems	14/01/2025
IKL	Workshop participation- HiPEAC - “Ensuring Functional Safety in AI-based critical systems: A railway case study”	21/01/2025
RISE	Workshop participation- HiPEAC- "SAFEXPLAIN: Addressing uncertainty in software development/deployment when integrating AI within safety critical autonomous systems"	21/01/2025
exida	Workshop presentation HiPEAC- ""SOTIF-compliant V&V (Verification & Validation) and STPA (Systems Theoretic Process Analysis) for critical systems with AI-based components”	21/01/2025
ALL	News piece: Showcasing Project Results in 2 HiPEAC’25 Workshops	04/02/2025
RISE	Presentation at STELLANTIS seminar series	07/04/2025

BSC	Webinar 3: Putting it together: The SAFEXPLAIN platform and toolsets	11/02/2025
exida	Participation in INTACS WG meeting	13/02/2025
ALL	News piece: BSC Webinar Demonstrates Interoperability of SAFEXPLAIN Platform Tech & Tools	18/02/2025
BSC	Workshop participation - ADRA Future Ready Event	18/02/2025
ALL	News piece: BoF workshop at Future Ready Solutions Event — Trustworthy AI: main innovations and future challenges	25/02/2025
AIKO	News piece: Case Studies Update: Integrating XAI, Safety Patterns and Platform Development	05/03/2025
IKERLAN	News piece: Enhancing Railway Safety: Implementing Closed-Loop Validation with Unreal Engine 5 and ROS 2 Integration	19/03/2025
BSC/IKL/exi	Meeting with representative from the German Centre for Rail Traffic Research at the Federal Railway Authority	31/03/2025
RISE	Presentation in a conference: Managing Sources of Uncertainty in Utilizing AI in Development and Deployment of Safety-Critical Autonomous Systems- Presentation at SAML '25	01/04/2025
BSC	Presentation in a conference: "Probabilistic Timing Estimates in Scenarios Under Testing Constraints " in 40th ACM/SIGAPP symposium on Applied Computing	04/04/2025
NAV	News piece: SAFEXPLAIN Update: Building Trustworthy AI for Safer Roads	23/04/2025
ALL	Meeting with III	07/05/2025
ALL	ESA Meeting	12/05/2025
ALL	News piece: SAFEXPLAIN shares its safety critical solutions with aerospace industry representatives	16/05/2025
BSC/exi	Presentation in a workshop: SAFEXPLAIN Results in Action: the integrated SW Platform- ASPIN	29/05/2025
BSC/exi	Demo in a workshop: SAFEXPLAIN Results in Action: the integrated SW Platform- ASPIN	29/05/2025
BSC/exi	SAFEXPLAIN Results in Action: the integrated SW Platform- booth at ASPIN	29/05/2025
RISE	News piece: Tackling Uncertainty in AI for Safer Autonomous Systems	05/06/2025
ALL	News piece: Showing SAFEXPLAIN Results in Action at ASPIN 2025	05/06/2025
ALL	Meeting Klepsydra	05/06/2025
BSC/exi	Webinar 4: Making certifiable AI a reality for critical systems: CORE DEMO	18/06/2025

ALL	News piece: Core Demo Webinar- Making certifiable AI a reality for critical systems	02/07/2025
ALL	Press release: SAFEXPLAIN Unveils Core Demo: A Step Further Toward Safe and Explainable AI in Critical Systems	03/07/2025
BSC	Poster presentation at IEEE IOTS 2025	07/07/2025
ALL	Meeting with EdgeAI-Trust	18/07/2025
exi	News piece: Safety for AI-Based Systems	22/07/2025
BSC	News piece: SAFEXPLAIN: Outstanding scientific solutions and practical application	14/08/2025
ALL	Presentation in a conference: SAFEXPLAIN: a Complete Approach Towards Trustworthy AI-Based Safety-Critical Systems at 28th Euromicro Conference Series on Digital System Design (DSD)	10/09/2025
IKL	Presentation in a conference: “Towards a Safe End-to-End AI framework: MISRA C-Compliant YOLO for Object Detection” at 28th Euromicro Conference Series on Digital System Design (DSD)	10/09/2025
RISE	Presentation in a workshop: “Differentiating Adversarial Attacks from Natural Sensory Anomalies in Object Detection” in AI for Safety-Critical Infrastructures at European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2025	15/09/2025
BSC/exi/IKL	Meeting with III and OpenChip	22/09/2025
ALL	Final Event: Trustworthy AI in Safety-Critical Systems: Overcoming adoption barriers	23/09/2025