DELIVERABLE 5.7
REPORT ON DISSEMINATION MEASURES IMPLEMENTED AND OUTCOMES
WP5, TASK 5.2

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DOCUMENT HISTORY

PROJECT ACRONYM	AEROSOLFD
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Work Package	WP 5 Dissemination and Exploitation
Work Package Lead	Steinbeis
Contributing beneficiary(ies)	All
DoA	Report on dissemination measures implemented and outcomes. This deliverable refers to T5.2. T5.2 Dissemination to create awareness of the retrofit solutions. The following activities will be delivered to create awareness for all our dissemination target groups: • Open access scientific publications in international peer-reviewed papers: At least 7 peer-reviewed publications in renowned journals with gold access.

• Publications and events targeting various stakeholder groups: > 24 publications in printed/online industrial journals (all). Whitepapers and roadmaps for exploitation will be prepared, describing the retrofit solutions (results from WP1 to WP4) and also the bottlenecks, barriers for implementation.

• Participation in >20 exhibitions/scientific conferences/workshops/ industrial events with at least 10 papers or posters to present project results through papers, workshops, posters or exhibitions.

• Organisation and implementation of a final event in Brussels to present the project results and raise awareness for at least 30 policymakers.

• Organisation of 3 site visits for future clients and relevant stakeholders (2-4 per stakeholder group).

DATE	VERSION	AUTHOR	COMMENT
29/08/2025	1	Escoto	First draft of deliverable
29/10/2025	2	Escoto	Final version for internal review
31/10/2025	3	Escoto, Rios, Casado	Final version, with minor changes after internal review
15/12/2025	4	Escoto	Final version, with minor changes in section 4.1 and section 6

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LIST OF ABBREVIATIONS

ACRONYM	DESCRIPTION
BDPF	Brake Dust Particle Filter
CARTIF	Fundación CARTIF (Spain)
CENEX	CENEX Netherlands (Centre of Excellence for Low Carbon and Fuel Cell Technologies)
CSIC	Consejo Superior de Investigaciones Científicas (Spanish National Research Council)
DALY	Disability-Adjusted Life Year
EC	European Commission
EIT Urban Mobility	Initiative of the European Institute of Innovation and Technology on sustainable urban mobility
EU	European Union
HVAC	Heating, Ventilation, and Air Conditioning
INTEC	Instituto de Tecnologia (Portugal)
IUTA	Institute of Energy and Environmental Technology (Germany)
KPI	Key Performance Indicator
LCA	Life Cycle Assessment
M+H	MANN+HUMMEL (Project Coordinator, Germany)
Metro Lisbon	Metropolitano de Lisboa (Portugal)
NFA	Det Nationale Forskningscenter Forarbejdsmiljo (Denmark)
PM	Particulate Matter
PTI	Periodic Technical Inspection
RTD	Research, Technology, and Development
Steinbeis	Steinbeis Europa Zentrum (Germany)

TRL	Technology Readiness Level
VERA	Vehicle Emission Retrofit Activities Sister EU project (context: emissions reduction, sustainable mobility)
VERT	Verified Emission Reduction Technologies Association (Switzerland)
WP	Work Package
X	Social media platform formerly known as Twitter

PUBLISHABLE SUMMARY

This deliverable outlines the dissemination measures implemented under Task 5.2 – Dissemination to create awareness of the retrofit solutions developed in the AeroSolfd Project. The objective of this task is to raise awareness and promote uptake of AeroSolfd's innovative retrofit technologies aimed at reducing tailpipe and brake emissions in urban transport systems. Dissemination activities were designed to reach a wide range of stakeholders, including associations, public entities, policymakers, industry actors, academia, and multipliers.

The report provides an account of the various events, published materials, and collaborative initiatives undertaken throughout the AeroSolfd Project. Together, these activities illustrate the project's effectiveness in engaging stakeholders and highlight the strategic modifications made to optimize the promotion of AeroSolfd's retrofit solutions.

A wide array of dissemination activities is presented in this report, including:

- Open access publications in peer-reviewed journals
- Technical publications in industrial journals and online media
- A policy brief addressing implementation barriers
- Participation in over 30 external events, including exhibitions and conferences
- Organization of site visits, focus groups, and a final event in Barcelona
- Continuous engagement via social media and online platforms

The dissemination measures implemented under Task 5.2 have had a significant impact on increasing recognition and uptake of AeroSolfd's retrofit solutions among diverse stakeholder groups. By leveraging a combination of open access publications, technical media, policy briefs, active participation in events, and ongoing digital engagement, the project has successfully heightened awareness of advanced emission reduction technologies across the urban transport sector. These efforts have not only informed key decision-makers and potential adopters but have also fostered valuable collaborations, paving the way for broader deployment of the solutions.

In conclusion, the strategic and inclusive approach to dissemination has enhanced the visibility and credibility of AeroSolfd's innovations, contributing meaningfully to the project's overarching goal of supporting cleaner, healthier urban environments.

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1. INTRODUCTION

The AeroSolfd project aims to deliver affordable, adaptable, and sustainable retrofit solutions that significantly reduce tailpipe emissions of NOx and particles, as well as brake dust emissions in urban transport systems. These solutions are designed to improve air and water quality in cities and contribute to healthier environments for citizens and commuters. In addition to technical innovation, AeroSolfd places strong emphasis on raising public and political awareness of the health and environmental impacts of transport-related emissions and on promoting incentive schemes that support rapid market uptake of these technologies.

This deliverable, part of Task 5.2 – Dissemination to create awareness of the retrofit solutions, documents the dissemination activities carried out to ensure that AeroSolfd's results reach all relevant stakeholder groups. These activities are aligned with the broader dissemination and exploitation strategy defined in Task 5.1 and support the project's overarching goal of achieving cleaner urban air.

1.1. PURPOSE AND TARGET GROUP

The purpose of this report is to provide a comprehensive overview of the dissemination measures implemented to promote AeroSolfd's retrofit solutions. It outlines the strategy, tools, and channels used to engage stakeholders, communicate project results, and foster adoption. The report is intended for:

- Project partners, to coordinate and align dissemination efforts.
- Stakeholders such as associations, public entities, policymakers, industry actors, and researchers, who are the primary audiences for AeroSolfd's messages.
- Funding bodies and evaluators, to assess the effectiveness and reach of the dissemination strategy.

1.2. CONTRIBUTIONS OF PARTNERS

Dissemination activities have been carried out collaboratively by all AeroSolfd partners, with Steinbeis serving as the Dissemination Manager. Contributions include:

- Scientific publications led by research partners such as VERT, IUTA, CSIC and NFA.
- Event participation and stakeholder engagement coordinated by research and demonstration partners and supported by M+H and Steinbeis.
- Social media and online outreach managed by Steinbeis, with input from all partners.
- Workshops, site visits, focus groups, satellite events and a final event organized to facilitate direct interaction with stakeholders and policymakers.

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Table 1 Contributions of Partners

PARTNER SHORT NAME	CONTRIBUTION
M+H	As project coordinator M+H was closely involved in setting up the elements of the Dissemination Strategy.
Steinbeis	As WP leader and Task leader, Steinbeis was responsible for: ■ Deliverable outline ■ Monitoring of the implementation of the dissemination strategy ■ Collection of information about the implemented dissemination activities ■ Implementation of most of the online dissemination activities ■ Redaction of this document
INTEC	Apart of the general contribution as a project partner (s. ALL). INTEC developed guidelines for awareness communication on fine particles impacts and tested communication & dissemination materials.
ALL	All project partners provided: ■ Input regarding stakeholders, related projects and initiatives and channels that should be used to disseminate the project results. ■ Organisation of events ■ Publications ■ Information about the events attended and organised

2. OBJECTIVES AND EXPECTED IMPACT

The objective of this deliverable is to document the dissemination activities carried out under Task 5.2 and to demonstrate how these efforts contribute to the broader goals of the AeroSolfd project. These goals include:

- Accelerating the market uptake of AeroSolfd's retrofit solutions.
- Raising political and public awareness of the environmental and health impacts of tailpipe and brake emissions.
- Supporting the development of incentive schemes and regulatory frameworks that enable the deployment of retrofit technologies.
- Facilitating the exploitation of project results by research and industrial partners.
- Ensuring that the project's outcomes are visible, accessible, and actionable for all relevant stakeholders.

This deliverable complements the preliminary exploitation and innovation and IPR management strategy, ensuring that dissemination is not only informative but also strategically positioned to support long-term impact.

2.1.OBJECTIVES

AeroSolfd's dissemination strategy schedules, monitors and assess the dissemination activities throughout the project. These activities aim to:

- Increase political awareness on the impact of tailpipe and brake emissions on the environment and human health and funnel it into recommended incentive schemes or a suitable legal framework for the quick market uptake of AeroSolfd retrofit solutions.
- Inform target groups such as researchers, industrial organisations and other professional stakeholders on how AeroSolfd is advantageous for their specific interests / activities by stressing the (planned) technical, environmental and economic project outcomes.
- Enable research, technology and development (RTD) and industrial project partners to commercialise their knowledge and their products, services and methodologies regarding the AeroSolfd filtration solutions and find suitable cooperation partners for further implementation and transfer of knowledge so that the AeroSolfd retrofit solutions can enter the market self sustainably.
- Call to engage with the project activities and events, such as workshops and roundtables, final conference and external events, where the project results will be presented.
- Support networking and joint actions with other initiatives and / or projects focusing on air quality, urban transport, cleaner mobility, etc.

2.2.EXPECTED IMPACT

The dissemination activities carried out under Task 5.2 ensure AeroSolfd's results are widely visible and accessible to all key stakeholders. By providing targeted communication—such as independent data for policymakers and tailored messages for industry, researchers and the public—these efforts aim to support the uptake and exploitation of project outcomes. The strategy employs various tools and regular monitoring to maximise awareness of AeroSolfd's environmental and health benefits, paving the way for real-world adoption and lasting impact.

3. DESCRIPTION OF DISSEMINATION ACTIVITIES

This section outlines the range of dissemination activities undertaken as part of the AeroSolfd project. It details the methods and initiatives implemented to communicate project results, engage stakeholders, and promote awareness of AeroSolfd's environmental, technical and economic contributions. By describing these activities, this section highlights the project's commitment to collaboration and the effective communication to support sustainable market adoption.

3.1.OPEN ACCESS PUBLICATIONS

Table 2 presents the list of open access publications generated by the AeroSolfd project to date.

Table 2 List of open access publications (Stand 22.10.2025)

TITLE OF PUBLICATION*	AUTHORS	NAME OF THE JOURNAL OR EQUIVALENT	LINK TO THE PUBLICATION
Nanoparticle Counting for PTI: The Dirty Tail Paradigm — A Pragmatic Proposal to Strongly Reduce Urban PN Pollution from Combustion Engine Fleets	Mayer, A. et al.	Emission Control Science and Technology	https://link.springer.com/article/10.1007/s40825-024-00257-0
Air quality in a bus depot and a way of improving it: effect of using air purifiers	Agathokleous, S. et al	Environmental Pollution	https://doi.org/10.1016/j.envpol.2025.126310
Impact of air purifiers on occupational particle exposure in an enclosed bus workshop	Fonseca, A. et al.	Building and Environment	https://www.sciencedirect.com/science/article/pii/S0360132325012934

In addition to these published works, at least three further open access publications are currently in preparation: one focusing on the results of measurements carried out at metro stations, another on the sustainability assessment of the solutions, and a third dedicated to brake-related findings. While the KPI aimed for seven open access publications, this target has not been fully achieved, primarily because many project results only became available towards the end of the project timeline. Nevertheless, ongoing efforts ensure that these significant findings will soon be accessible to the wider community.

All open access publications, including both completed and forthcoming works, will be made available to the public through the Zenodo repository under the AeroSolfd Community (https://zenodo.org/communities/aerosolfd/). This ensures broad access and long-term preservation of the research outputs, supporting transparency and encouraging further scientific engagement with the findings.

3.2.PUBLICATIONS IN INDUSTRIAL JOURNALS AND ONLINE MEDIA

An overview of the 29 publications featured in industrial journals and online media, outlining the project's key findings and their dissemination to both the scientific community and industry stakeholders, is provided in the Appendix (Table 5). The project has successfully reached its KPI of 25 publications, showing the team's commitment to sharing valuable insights and advancements. These publications demonstrate ongoing efforts to ensure that the outcomes of the project are accessible to a wide and relevant audience.

3.3.POLICY RECOMMENDATIONS AND ROADMAP FOR EXPLOITATION

The AeroSolfd project has developed retrofit technologies aimed at reducing tailpipe and brake emissions, as well as improving air quality in enclosed environments such as metro stations. These solutions have reached a high level of technical readiness (TRL8) and demonstrated significant health

and environmental benefits. However, their market uptake depends heavily on supportive policy frameworks and strategic exploitation planning.

3.3.1. POLICY RECOMMENDATIONS

The policy recommendations developed under Task 5.3 are detailed in Deliverable D5.3 Recommendations for Incentive Schemes. These recommendations focus on emphasizing the need for:

- Local and regional regulations that mandate the use of retrofit technologies in high-emission zones.
- Financial incentives to offset the initial capital and operational costs for end users, particularly in public transport and metro systems.
- Public procurement guidelines that prioritize low-emission technologies.
- Awareness campaigns to build public support and understanding of the societal benefits of retrofit solutions.

In addition to D5.3, a dedicated policy brief has been drafted at the end of the project to summarize these recommendations for policymakers and stakeholders. This brief serves as a concise and accessible tool to support regulatory discussions and promote the integration of AeroSolfd technologies into urban air quality strategies.

3.3.2. ROADMAP FOR EXPLOITATION

The roadmap for exploitation is outlined in Deliverable D5.6 “Advanced commercialisation plan with improved and validated business models.” It is built on a two-pillar strategy:

- **Technology Demonstration:** AeroSolfd has proven the effectiveness of its retrofit solutions through pilot installations and scientific validation, providing a solid foundation for further deployment and scaling.
- **Market Preparation**: The project has actively engaged with cities, public transport operators, and industry stakeholders to raise awareness and build readiness for adoption. Key actions include publishing scientific data and sustainability assessments, organizing stakeholder workshops and citizen science initiatives, and collaborating with EIT Urban Mobility to establish a Working Group on Urban Air Quality.

The roadmap identifies the lack of regulatory frameworks and incentives as the main barrier to market uptake. It calls for open, fact-based dialogue in cities about air quality challenges and the complementary role of retrofit solutions alongside electrification and diesel bans. Publicly available deliverables and transparent communication are emphasized to support adoption.

Business models for deployment—including direct sales, as-a-service, and hybrid approaches—are outlined, with phased implementation recommended, especially for metro stations. The next steps involve supporting cities in initiating local regulations, facilitating pilot projects and demonstration activities, and leveraging the established network of stakeholders and collaboration platforms to accelerate deployment.

3.4. PARTICIPATION IN EXTERNAL EVENTS. EXHIBITIONS, CONFERENCES AND WORKSHOPS

The table below provides a comprehensive overview of the external events, including exhibitions, conferences, and workshops, in which AeroSolfd has actively participated. Each entry details the event name, date, location, and the nature of AeroSolfd's involvement. This record serves to illustrate the project's proactive engagement with the wider scientific and industrial communities, as well as its commitment to disseminating results and fostering collaborations across the mobility and environmental sectors.

AeroSolfd has far surpassed its initial Key Performance Indicators (KPIs) for event participation, which targeted 20 events. To date, the project has been present at more than 40 events, with the majority taking place across Europe and several noteworthy participations in the United States and Latin America. During these events, the consortium delivered more than 25 oral presentations and 15 poster presentations and distributed numerous flyers and business cards. This extensive activity has significantly increased the project's visibility and facilitated strong engagement among partners, stakeholders, and the broader public. Such results underscore the effectiveness of AeroSolfd's outreach strategy and its substantial impact within the sector.

Figure 1 to Figure 9 provide visual impressions from some external events where AeroSolfd was represented. These images capture moments from exhibitions, conferences, and workshops attended by the project team, illustrating AeroSolfd's active engagement in both scientific and industrial communities. The pictures showcase panel discussions, oral and poster presentations, networking activities, and interactions with stakeholders.

Figure 1 Impressions from Innotrans 2022

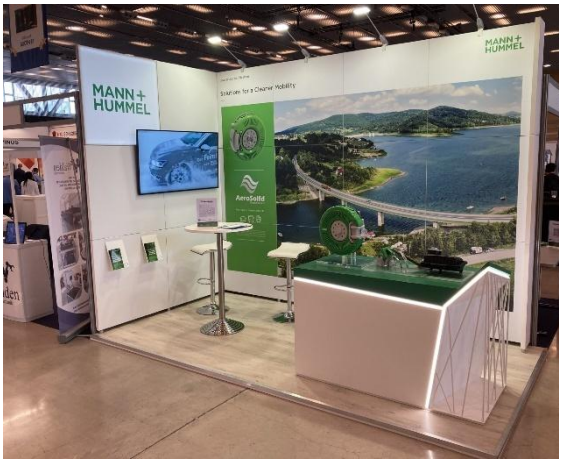

Figure 2 Impressions from Eurobrake 2023

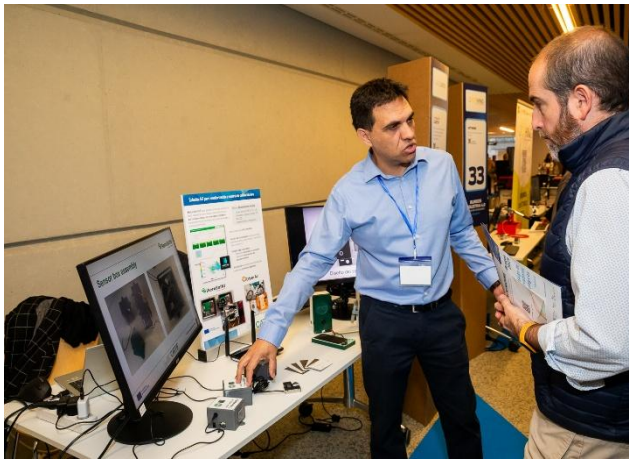

Figure 3 Impressions from AFS Filtcon 2023 (left) and DIHBU Spain 2023 (right)

Figure 4 AeroSolfd at RTR Conference 2024 (left: with VERA project coordinator, right: panel discussion)

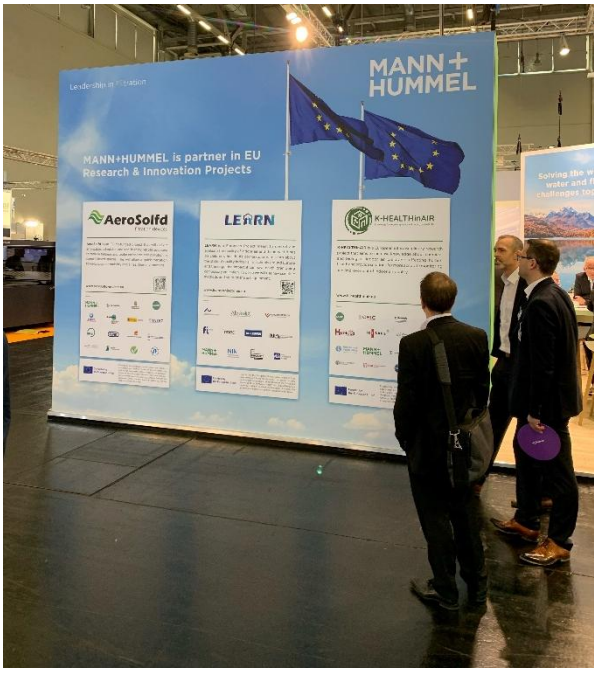

Figure 5 Impressions from FILTECH 2023

Figure 6 Impressions from IAA 2024

Figure 7 Impressions from FILTECH 2024

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Figure 8 Impressions from RTR Conference 2025

Figure 9 Impressions from WFC 2025

3.5.SITE VISITS

During the reporting period, we successfully organized two site visits, slightly below the KPI set in the Grant Agreement, which targeted three visits involving 2–4 participants per stakeholder group. Despite the lower number, the impact of these visits was significant. They brought together a diverse mix of potential clients, business partners, and researchers, fostering meaningful exchanges and strengthening interest in the project. The quality and relevance of the participants compensated for the reduced quantity, ensuring that the visits effectively supported our outreach and engagement objectives.

3.5.1. ZF (GLOBAL TECHNOLOGY DAY 2024)

At the ZF Global Technology Day 2024 in Jeversen, Germany, AeroSolfd presented its second solution: the brake dust particle filter (BDPF). A real-life prototype of ZF innovative brake system equipped with the BDPF was showcased during this event, allowing participants to view the technology up close and understand its design and functionality.

The event attracted around 500 to 750 participants, including industry experts and public transport operators. AeroSolfd's presence helped raise awareness of the solution's environmental benefits and supported future exploitation efforts by fostering interest in the technology and pilot deployments.

3.5.2. LINK ENGINEERING (LIMBURG)

An exclusive site visit to AeroSolfd partner LINK Engineering in Limburg an der Lahn, Germany offered a unique opportunity to present the project's progress, with a particular focus on the brake dust particle filter (BDPF) retrofit solution for buses and trucks.

The visit was tailored for stakeholders in sustainable mobility and emissions reduction, including fleet operators, public transportation companies, policymakers, and industry partners. Participants gained insights into the development and testing process of the BDPF, as well as the city-specific test cycles designed for dynamometer validation.

Highlights of the visit included:

- A guided tour of LINK's facilities, showcasing decades of expertise in brake testing and innovation.
- A presentation of the BDPF retrofit solution, including technical details and testing methodology.
- Networking opportunities with key stakeholders from the mobility and environmental sectors.

This site visit strengthened AeroSolfd's visibility among industry and policy stakeholders and supported the project's exploitation strategy by demonstrating real-world readiness and fostering dialogue around future deployment.

Figure 10 Impressions from Site Visit at LINK Engineering, Limburg, Germany

3.6. EVENTS ORGANIZED BY AEROSOLFD

The following section highlights key events and initiatives organised by AeroSolfd, each designed to showcase the project's advancements and foster collaboration among stakeholders in sustainable mobility and air quality. These activities play a vital role in promoting technological innovation and encouraging the exchange of expertise within the transport and environmental sectors.

3.6.1. WORKSHOP AIR QUALITY IN METRO STATIONS

Air quality in metro stations is a central concern for several Horizon Europe projects. To address this, AeroSolfd, together with K-HealthinAir from the IDEAL Cluster, organized a dedicated workshop hosted by project partner IDAEA-CSIC in Barcelona, Spain. The event aimed to foster knowledge exchange and

discussion on methodologies for assessing air quality in metro stations, with the goal of generating reliable and comparable data across Europe and beyond.

The workshop featured a rich agenda, including:

- Presentations on ambient air quality in Polish cities, benchmark studies on subway air quality, and health effects research in the London Underground.
- Insights from Metro Lisboa and Metro Madrid on strategies for cleaner air in metro systems.
- Technical talks on sources of subway PM2.5, wearable measurement techniques, and comprehensive mobile measurements in Munich's subway.
- Updates from ongoing Horizon Europe projects, including VERA and AeroSolfd, focusing on air quality in closed and semi-closed environments.
- A panel discussion and open questions session on air quality assessment in metro stations.

The program was designed primarily for on-site participation, with select sessions available online. Attendance was free but limited to ensure focused dialogue among stakeholders from public transport authorities, environmental agencies, research institutions, and EU-funded projects.

This workshop reinforced AeroSolfd's commitment to improving air quality in metro environments and highlighted the value of cross-project collaboration.

Figure 11 Invitation Workshop on Air Quality in Metro Stations

AeroSolfd idaea EXCELENCIA SEVERO OCHOA Partnership: K-HEALTHinAIR IDEAL

Agenda

Workshop on Air Quality Assessment in Metro Stations

Time	Topic	Responsible / Presenter	Affiliation
09:15	Registration	CSIC-IDAEA / Steinbeis	
09:45	Welcome	Martin Lehmann	MANN+HUMMEL GmbH
09:55	Opening Impulse	Georgios Tzamalis	European Commission
	Introduction and Research Background		
10:15	Ambient air quality in Polish cities and its influence on indoor air	Artur Badyda	Warsaw University
10:40	K-HEALTHinAIR - Monitoring Air Quality as part of the IDEAL Cluster	Jose Fermoso	CARTIF
11:05	IMPROVE LIFE Project - A brief summary of the benchmark study on subway air quality	Teresa Moreno	CSIC-IDAEA
11:30	Air Pollutant Concentrations and Health Effects Research in the London Underground	David Green	Imperial College
11:55	Towards a Cleaner Air in Metro Systems: Insights from Metro Lisboa	Tomé Canas	Metro Lisboa
12:20	*Coffee break*		
	Measuring Air Quality - recent research		
12:45	Sources of subway PM2.5: investigation of a system with minimal mechanical ventilation	Keith Van Ryswyk	Health Canada
13:10	Use of contextualized wearable measurement to assess air quality in metro stations	David Riallant	AirSentinels
13:35	Comprehensive characterization of Munich subway using mobile measurements & SEM-EDX	Jan Bendl	University of the Bundeswehr Munich
	Ongoing Horizon Europe Innovation Actions		
14:00	VERA Project Activities Related to Air Quality in Closed & Semi-Closed Environments	Rodrigo Herrero	Metro Madrid
14:25	AeroSolfd - Air quality in metro stations and ways of improving it	Teresa Moreno	CSIC-IDAEA
	Open Questions and Next Steps		
14:50	Panel Discussion and Questions on Air Quality Assessment in Metro Stations		
16:00	Wrap-Up		
16:30	Closing		

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Swiss participant(s) in this project are co-funded by Swiss respectively.

Figure 12 Agenda Workshop on Air Quality in Metro Stations

Figure 13 Impressions from Workshop on Air Quality in Metro Stations held in Barcelona

3.6.2. VERT FORA

The AeroSolfd project has been prominently featured at the annual VERT Fora from 2022 through 2025. These events provided a high-level platform to present the project's objectives, technical advancements, and policy relevance to a specialized audience of researchers, industry stakeholders, and policymakers focused on emissions reduction and air quality.

Each year, AeroSolfd was emphasized through dedicated presentations, panel discussions, and networking sessions (as an example, the agenda of the 15th VERT Forum is shown in Figure 14). The project's contributions to retrofit technologies for tailpipe and brake emissions, as well as its

innovative work on air quality in enclosed environments such as metro stations, were consistently highlighted. These engagements helped position AeroSolfd as a reference initiative within the VERT community and contributed to broader awareness and uptake of its findings.

The VERT Fora also served as a strategic venue for stakeholder dialogue, enabling AeroSolfd partners to share insights, gather feedback, and align dissemination efforts with emerging regulatory and technological trends. The consistent presence of AeroSolfd across four consecutive editions of the VERT Fora underscores the project's relevance and visibility within the European clean mobility ecosystem.

Agenda | 15th VERT Forum 2025

Nanoparticle Emission Reduction of In-Use Petrol Engines by GPF AeroSolfd Project Outcome

- ad honorem John J. Mooney et Andrea Ulrich

08:30 door opening. registration

09:00 – 09:20
Welcome

Opening: Dr. N. Casas, EMPA
Welcome: L.C. Larsen, VERT
Chair: Dr. L. Rubino, Prof. J. Czerwinski,

09.20 – 09.50
Keynote Speech
The Petrol Engine dominates Urban Nanoparticle Emissions worldwide / A. Mayer, VERT

09.50 – 10:10

Background and Previous Research
- Research of PN emission from petrol engines prior to AeroSolfd / J. Czerwinski, AFHB
- Toxicity of PN emissions from petrol engines, the GasOMeP project / N. Heeb, EMPA

10:10 – 10:40 Coffee Break

The EU-Horizon "AeroSolfd" Project and VERT Petrol Engine Retrofit Technology
- The Horizon AeroSolfd project for cleaner mobility - short overview / M. Lehmann, M+H
- Measured emissions, consumption, noise and regeneration / D. Engelmann, VERT
- Secondary emissions and particle size distribution / N. Heeb, EMPA
- AeroSolfd Fleet Testing of vehicles in Switzerland, Germany, Denmark and Israel / Th. Lutz, VERT
- PN-PTI emissions of a Swiss petrol passenger car fleet of 1000 vehicles / M. Knoll, AVL

12:15 – 13:15 Lunch

Demand for Further PN-Emissions Regulations
- How to reduce fleet emissions - focus on high emitters / H. Burtscher, FHNW
- Cost/benefit analysis / A. Mayer, VERT
- VERT role: future certification, implementation and control / L. Rubino, VERT

14:00 – 14:30 Coffee Break / Video & Sponsors

Further Research and Development for Emission Reduction of VERT Members
- EURO VI DPF cleaning maintenance protocols / R. Fraser, PUREXHAUST, Chile
- - Decarbonizing in the cement-Industry facilitated by hot gas filtration / H. Borgmeier, HJS
- A low cost technology for peak efficiency to meet ultra-low NOx regulation / M. Masoudi, EMISSOL online

15:30 – 16:30 Panel Discussion:
- How to disseminate the need of GPF retrofit for petrol engines worldwide / Moderator: L.C. Larsen

Closing Remarks / L.C. Larsen, VERT

17:00 End

Figure 14 15th VERT Forum Agenda including an AeroSolfd dedicated session and panel discussion

Figure 15 Impressions from the 15th VERT Forum 2025

3.6.3. AEROSOLFD DISSEMINATION EVENT - LISBON

The AeroSolfd Dissemination Event in Lisbon was hosted by Metro Lisbon and co-organized by INTEC on October 27 as a hybrid gathering, welcoming both in-person and online participants. The program highlighted the significance of the AeroSolfd project and its important on validating innovative PM2.5 reduction technologies. This dissemination event came at a pivotal moment, as the European Commission was preparing to revise the Air Quality Directive and was expected to substantially lower the allowable PM2.5 concentration in ambient air.

The program featured presentations from Dr. Martin Lehmann (project coordinator) and Prof. Francisco Ferreira (member of the Advisory Board). Attendees had also the opportunity to engage in a poster session and took part in an open discussion addressing the barriers to implementing the retrofit solutions developed within AeroSolfd. These activities fostered knowledge exchange and collaboration among stakeholders, contributing valuable insights for future policy and practical implementation.

Figure 16 Impressions from AeroSolfd Dissemination Event in Lisbon

3.6.4. SATELLITE EVENT - COPENHAGEN FOCUS GROUP

A meeting between the project consortium and invited Danish Authorities and scientist was held at the National Research Centre for the Working Environment, Copenhagen (DK) on June 19, 2025. The meeting was established with a low number of specifically invited key stakeholders to establish an

open efficient dialogue in a trusted environment between main representative actors (Figure 17). By choice, it was decided to focus the Copenhagen meeting on the tailpipe and brake-wear retrofit filter solutions to reduce emissions from road-traffic and thereby ambient air-pollution in general. The filter squares were, therefore, only discussed in brief.

Figure 17 Discussions during the Copenhagen stakeholder meeting.

In total nine people attended the meeting (two online and seven in person). Besides representatives from the AeroSolfd project, participants were from the Danish Ministry of Environment and Gender Equality, Danish Road-Traffic Authorities, the Municipalities of Copenhagen and Odense, and Department of Environmental Science at the Aarhus University. Besides AeroSolfd presentations on the retrofit solutions, health effects of particulate air-pollution and their potential positive health and environmental impact, Aarhus University presented on urban air-pollution levels, sources and efficacy of environmental zones, and the Danish Road-Traffic Authorities gave a presentation on the current regulatory requirements and inspection. The presentations were used as a basis to discuss the:

- Potential effect of the retrofit solutions for reducing the particle air-pollution
- Possibilities and potential challenges for implementation.

The AeroSolfd project results, additional presentations, and stakeholder discussions gave important input for AeroSolfd to derive a number of policy recommendations.

3.6.5. SATELLITE EVENT – LISBON

The satellite event held in Lisbon was structured into three key segments, each designed to foster dialogue and knowledge exchange around the city's air pollution challenges and innovative solutions. The programme started with opening remarks from Prof. Francisco Ferreira of ZERO, a noted specialist in air pollution, who provided a detailed presentation on the health and environmental risks associated with particulate matter (PM). He highlighted Portugal’s ongoing challenges, drawing attention to the outdated structure of Lisbon’s Low Emission Zones—for example, while the outer city centre only restricts vehicles registered before 1996, central areas like Avenida da Liberdade apply the restriction to vehicles registered before 2000, irrespective of fuel type.

Following this, the event moved on to a joint presentation of AeroSolfd’s technological solutions. Tomé Canas from Metro Lisbon, one of the project’s demonstration sites, introduced the Air Purifier Retrofit

Solution, which aims to reduce airborne pollutants in urban settings. The Tailpipe Retrofit Solution and the Brake Dust Particle Filter Solution were also presented to the audience, showcasing the project's multi-faceted approach to mitigating air pollution. These solutions received positive feedback from attendees, who recognised their necessity in the drive for cleaner air.

The final segment was dedicated to a round table discussion featuring representatives from CCDR-LVT (Lisbon and Tagus Valley Regional Coordination and Development Commission), ANTROP (National Passenger Transport Association), TML (Lisbon Metropolitan Transports), and ANECRA (National Association of Automobile Trade and Repair Companies). This highly productive dialogue provided valuable insights into the obstacles faced by public transportation entities, including the significant increase in car numbers on Portuguese roads following the COVID-19 pandemic. The continued necessity for comprehensive policy and regulatory frameworks to promote clean air initiatives and improve public transportation in Lisbon was highlighted.

The event was recorded in video. As part of the dissemination plan after the end of the project, the recording is being analysed, and INTEC is preparing communication materials about the event to be shared in INTEC website.

Figure 18 - Photos of the event in Lisbon on 18th of June

3.6.6. SATELLITE EVENT – AMSTERDAM

The Amsterdam satellite event, held on Tuesday, 17th June 2025 at De Kleine Werf (Figure 19), brought together stakeholders dedicated to improving air quality and public health in the Netherlands. Focused on the pressing issue of particulate matter (PM) and its far-reaching impacts, the roundtable titled "Clean Air in Cities" provided a unique forum for participants to share expertise, discuss current challenges, and explore innovative solutions for cleaner urban environments.

A key topic of discussion was the application of the Disability-Adjusted Life Year (DALY) model to evaluate how retrofit particle filters can help reduce the health burden caused by air pollution. Speakers highlighted that even modest improvements, when implemented across thousands of vehicles, can result in significant public health benefits.

Other important topics addressed included strategies for raising awareness and making air quality data more personally relevant and by doing so, empowering citizens to take meaningful action. There was a thoughtful exchange of experiences, such as the use of interactive maps like BrusAir, which enable residents from Brussels to pinpoint areas of pollution, and the "strawberry" initiative in Antwerp (AIRbezen project), where strawberries are used to map local air pollution levels. These examples underscored the vital role of public engagement and education in driving positive change, with awareness raising identified as a central theme within the AeroSolfd project.

Attendees engaged in lively discussion, forging valuable connections with peers working across research, policy, and local initiatives to address air pollution in Dutch cities. The event served as a platform for knowledge exchange and collaboration, advancing collective efforts towards healthier, more sustainable urban living.

The results of this discussion were summarized by CENEX in the Newsletter “Clean Air Post” (Figure 20).

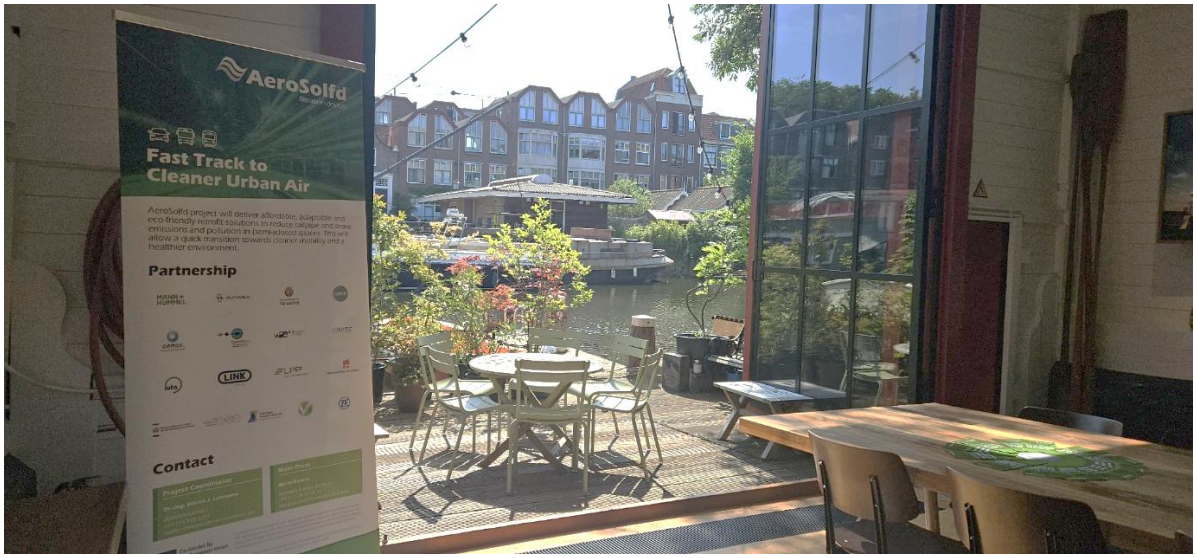

Figure 19 Venue Satellite Event in Amsterdam

Figure 20 Screenshot of Satellite Event Newsletter "Clean Air Post"

3.7.FINAL EVENT

The event was thoughtfully organised by Steinbeis, with the overall concept developed collaboratively through substantial input from all project partners. M+H, as project coordinator, played a particularly pivotal role in shaping the event, ensuring alignment with AeroSolfd's strategic objectives. In addition, an internal workshop was organised in May 2025 to draw on the expertise and perspectives of the consortium, which proved invaluable in refining the event's themes and agenda.

Given the ambitious key performance indicator (KPI) for the event—reaching at least 30 policymakers—a novel approach was adopted. It was decided to hold several satellite events scheduled to take place shortly before the main gathering. These satellite events were hosted in leading EU mission cities that are represented in the AeroSolfd Consortium, as follows: Amsterdam on 17th June, coordinated by CENEX; Lisbon on 18th June, led by INTEC and ML; and Copenhagen on 19th June, organised by VERT and NFA. This structure was designed to maximise engagement and policy impact across Europe's urban mobility landscape.

The main event itself was hosted by CSIC in Barcelona on 26th June, running from 09:30 to 17:00 at the Delegació del CSIC a Catalunya, as a hybrid event. The target audience included city representatives, early adopters, researchers, and policy makers, with the aim of building a vibrant, cross-sector community committed to cleaner urban air and sustainable mobility.

A total of 57 participants registered for the event, with approximately 30 attending onsite in Barcelona and an additional 10–15 joining each satellite event. While the key performance indicator (KPI) was to

engage 30 policymakers, the event reached around 15 policymakers in total. Livestreaming further extended the event's reach, enabling broader participation and knowledge exchange beyond those present in person. As of 29.10.2025, the event has received 143 views, with 60 views during the live session.

The comprehensive agenda featured contributions from leading experts, including a welcome from Martin Lehmann (Project Coordinator, MANN+HUMMEL), Manuela Flachi (Project Officer, CINEA), and Teresa Moreno (Host Partner, CSIC), followed by keynote addresses, panel discussions, spotlight presentations, technical presentations and networking opportunities for the onsite participants. This program structure ensured a rich exchange of insights, best practices, and collaborative opportunities for all participants.

The AeroSolfd Final Event marked the culmination of the project's dissemination efforts, bringing together stakeholders from research, industry, and urban mobility to reflect on achievements and future directions. Structured into four thematic sessions, the event provided a comprehensive overview of AeroSolfd's contributions to cleaner urban air through retrofit technologies, sustainability strategies, and collaborative innovation. Table 3 summarizes the key focus areas and highlights from each session.

Figure 21 captures key moments from the final event, showcasing the panel discussions, expert presentations, and networking activities that characterised the day's dynamic and collaborative atmosphere.

Figure 22 shows the backstage area, highlighting the livestream setup and technicians who ensured the smooth running of the hybrid format. It also features the selection of giveaways that were prepared, adding a special touch to the event experience.

Table 3 AeroSolfd Final Event Program Sessions

SESSION	**FOCUS**	**KEY HIGHLIGHTS**
Session 1 *Driving Cleaner Air – Cities Driving Change*	*Why* urban air quality matters	- Challenges around EU Air Quality Directive - Citizen science initiatives - Urban air strategies and collaboration
Session 2 *Retrofit for Impact – Sustainability Benefits in Urban Air Strategies*	*How* retrofit supports sustainability	- Sustainability framework and targets - Social Life Cycle Assessment (LCA) - Particle and CO_2 reduction
Session 3 *Ready to Retrofit – Technical Presentations of AeroSolfd Solutions*	*What* AeroSolfd developed	- Tailpipe retrofit for gasoline vehicles - Brake dust reduction in buses - Filtration in metro stations
Session 4 *Empowering Cities – Collaborating to Accelerate Cleaner Mobility in Europe*	*Next steps* for scaling impact	- Collaboration across EU mobility actors - Insights from sister project VERA- Metro operator reflections - Panel on implementation and future actions

Figure 21 Impressions from AeroSolfd Final Event (main event in Barcelona)

Figure 22 Livestreaming & Giveaways – Final Event Barcelona

3.8.SOCIAL MEDIA AND ONLINE ENGAGEMENT

3.8.1. RADIO / TV

AeroSolfd's outreach extended to broadcast media through:

- CNN Portugal featured AeroSolfd's air quality improvements in Lisbon metro stations in a short film, highlighting the retrofit solutions for semi-closed environments. https://cnnportugal.iol.pt/videos/cnn-inovacao-metro-de-lisboa-qualidade-do-ar/674de2e70cf23e044af74d35

- CARTIF Radio Interviews:

  In May 2024, Carlos Casado was interviewed by Vive Radio Valladolid, discussing AeroSolfd's impact on urban air quality. The interview was made available as a podcast (Podcast Vive! Valladolid en Vive! Radio).

  In July 2025, Carlos Casado appeared on esRadio Castilla y León, sharing insights into the project's retrofit technologies and their relevance for regional air quality strategies. This interview was also published as a podcast (https://www.esradiocastillayleon.es/castilla-y-leon/programas/es-la-manana-de-castilla-y-leon/audio?a=IGRBH1910C78).

3.8.2. LINKEDIN

AeroSolfd maintained a strong LinkedIn presence with 2–3 posts per week, targeting professional audiences.

Content included:

- Event announcements and recaps (e.g. FILTECH, POLIS, RTR Conference, etc.).
- Partner spotlights and retrofit solution showcases.
- Interactive map and project video launches.

The AeroSolfd Community on LinkedIn has demonstrated important and sustained growth, heading to reach the 800-follower mark—a testament to the strong and steadily increasing interest in the project. This growth has been achieved organically, reflecting genuine engagement from a professional audience. The team has implemented effective engagement strategies, regularly posting interesting content and carefully timing content for optimal visibility. Overall, these efforts have helped foster a steady growing community around AeroSolfd, highlighting the project's significance and appeal within the sector.

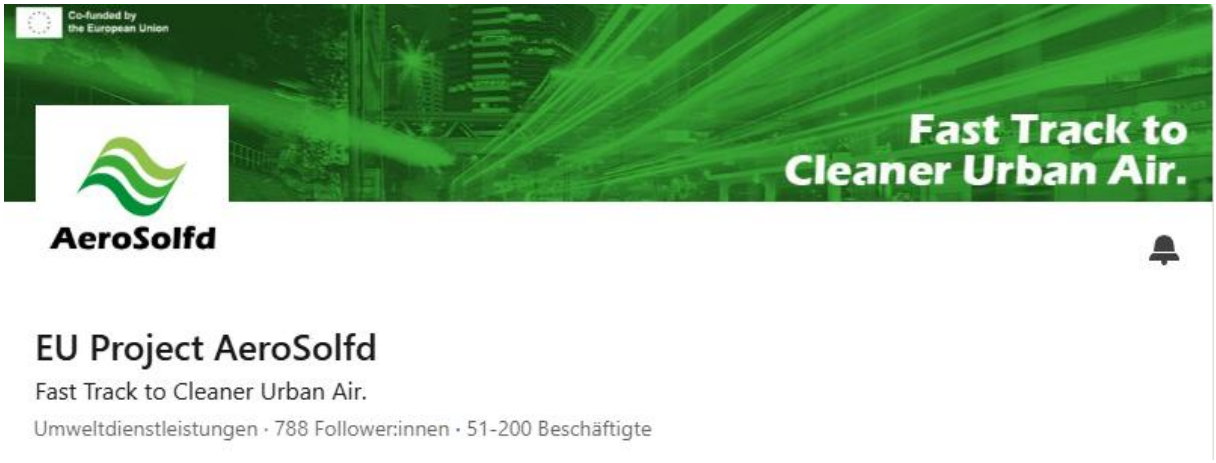

Figure 23 Screenshot of AeroSolfd's LinkedIn channel (Stand 29.10.2025)

LinkedIn demonstrated particularly strong engagement during significant events, such as European Mobility Week and the Final Event. During these periods, AeroSolfd's community activity peaked, with increased interactions and visibility among professional audiences. The team capitalised on these occasions by sharing event announcements, recaps, and interactive content, which drove higher levels of participation and interest within the sector. This surge in engagement reflects the platform's effectiveness in reaching and mobilising stakeholders during key milestones of the project.

3.8.3. X (FORMERLY TWITTER)

AeroSolfd's X (formerly Twitter) channel was used mainly as an amplification tool for project updates, offering concise event reminders and visually engaging highlights. While content on X was adapted from LinkedIn to suit the platform's shorter format, its overall role was less prominent. Despite moderate engagement and a following of over 250 (Figure 24)the team strategically shifted its focus to LinkedIn, which proved more effective for engaging professional audiences. Nonetheless, the X

account remained active, with in average 1-2 post/week, to ensure key information continued to reach a broad audience as part of the project's wider communication strategy.

Figure 24 Screenshot of AeroSolfd's X channel (Stand 29.10.2025)

3.8.4. YOUTUBE CHANNEL

The AeroSolfd YouTube channel has played an important role in the project's communication strategy, serving as a platform for sharing the project videos and recorded livestreams Figure 25 counting a total of more than 1,000 views during the whole project lifetime.

Livestreaming of the final event enabled real-time participation from audiences across Europe and beyond, while the recorded session ensured ongoing accessibility and knowledge sharing for those unable to attend live.

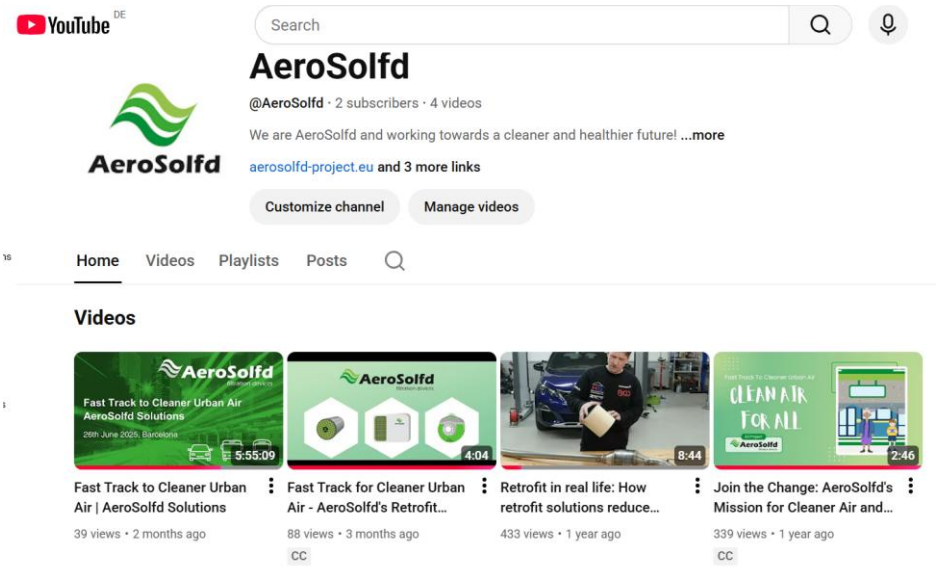

Figure 25 Screenshot AeroSolfd YouTube Channel (Stand 29.10.2025)

3.8.5. WEBSITE

The AeroSolfd website (www.aerosolfd-project.eu) has functioned as the primary platform for all project communications, ensuring comprehensive and centralised access to essential information. The site offers a news and events section, regular blog updates, and a variety of downloadable resources designed to keep stakeholders informed and engaged. It also features an interactive map that effectively illustrates the impact of retrofit solutions implemented as part of the project. Users can subscribe to the project newsletter and access an archive of previous editions, facilitating ongoing engagement with project developments. In addition, the media section provides a repository of press releases and promotional materials, supporting dissemination efforts and public awareness.

As part of the dissemination plan after the end of the project, to guarantee ongoing visibility and accessibility of project outcomes, the website will remain active until April 2027.

Notably, the AeroSolfd website surpassed the key performance indicator of 3,000 views by the halfway point of the project, demonstrating strong interest and engagement from stakeholders early on. This milestone reflects the effectiveness of the project's online communication efforts and highlights the sustained visibility of its activities and outcomes.

3.9.COLLABORATION WITH OTHER EU PROJECTS AND INITIAVES

AeroSolfd has actively fostered collaboration with its sister project VERA, recognising the complementary objectives and shared commitment to advancing sustainable mobility and emissions reduction. Through joint activities such as knowledge exchange sessions, invitations to participate in panel discussions and events —including during major events like Workshop on Air Quality in Metro Stations and the AeroSolfd Final Event, IDEAL Cluster events, or AeroSolfd participation in events organized by VERA (e.g. General Assembly).

In addition to the VERA partnership, AeroSolfd has engaged with several other significant European projects and initiatives, including EIT Urban Mobility, K-HealthinAir and the IDEAL Cluster. Engagement with EIT Urban Mobility has provided access to a broad network of stakeholders, fostering the exchange of best practices and facilitating pilot deployments in urban environments. Participation in the IDEAL Cluster has further enabled AeroSolfd to collaborate with a diverse group of projects focused on urban mobility, digitalisation, and emissions reduction. These relationships have resulted in joint dissemination activities, shared workshops, amplifying the reach and influence of AeroSolfd’s results across the European innovation landscape.

4. IMPACT

The dissemination activities implemented throughout the AeroSolfd project have had a significant impact on raising awareness, fostering stakeholder engagement, and supporting the uptake of innovative retrofit solutions for cleaner urban air. By leveraging a diverse mix of communication channels, including scientific publications, industrial media, targeted events, site visits, and active online engagement, the project has reached a broad spectrum of stakeholders across Europe and beyond.

AeroSolfd’s dissemination strategy was designed to maximize visibility and accessibility of project results for policymakers, industry, researchers, and the general public. The project not only met or

exceeded most of its key performance indicators (KPIs), but also adapted flexibly to challenges, ensuring that the quality and relevance of engagement remained high. The collaborative approach, including joint activities with EU sister projects and initiatives, amplified the reach and influence of AeroSolfd's outcomes.

The impact of these efforts is evident in the strong interest from cities and industry partners, the identification of potential clients, and the initiation of follow-up projects and policy dialogues. The dissemination activities have laid a robust foundation for future exploitation, policy influence, and the continued advancement of sustainable mobility solutions.

4.1.DISSEMINATION OUTPUTS AND KPIS

The effectiveness of AeroSolfd's dissemination strategy is reflected in the achievement of its KPIs, as summarized in Table 4.

Table 4 Status Key Performance Indicators for Dissemination

ACTIVITY	TARGET	PARTNERS RESPONSIBLE	STATUS
Open access scientific publications	At least 7 peer-reviewed publications in renowned international journals with gold access.	VERT, IUTA, CSIC, NFA, CARTIF; CENEX	3 published, 1 submitted, 4+ in preparation
Publications in printed/online industrial journals	At least 24	All	29 publications
Whitepapers and roadmaps for exploitation (results from WP1 -WP4) and bottlenecks, barriers for implementation	2	VERT/M+H	2 documents (D5.3+D5.6), 1 in preparation (policy brief)
Exhibitions/scientific conferences/workshops/ industrial events	Participation in at least 20 At least 10 papers or posters to present project	All	Participation in > 40 events, with > 35 oral presentations, > 5 exhibition booths and 15 posters
Final event in Brussels to present the project results and raise awareness	One event with participation of at least 30 policy makers	All	Main event in Barcelona with 3 satellites in Lisbon, Copenhagen and Amsterdam, engaging around 15 policy makers
Site visits for future clients and relevant stakeholders	3 visits with about 2-4 participant per stakeholder group	All	2 visits with more than 2-4 participants from industry, research

Highlights of Dissemination Outputs:

- Open Access Publications: Three peer-reviewed articles published, with three more in preparation, covering key technical and environmental findings.
- Industrial and Online Media: 29 publications in sector journals and platforms, surpassing the KPI and ensuring broad industry and public reach.
- Strategic Documents: Two major documents (D5.3 policy recommendations and D5.6 roadmap for exploitation) produced and disseminated.
- Events and Conferences: Participation in over 40 external events, with more than 35 oral presentations, 15 posters, and several exhibition booths, greatly exceeding targets.
- Site Visits: two high-impact site visits (ZF Global Technology Day and LINK Engineering), fostering direct engagement with industry and policy stakeholders.
- Final Event and Satellites: A main event in Barcelona and three satellite events in Lisbon, Copenhagen, and Amsterdam, collectively engaging a wide range of stakeholders, including policymakers.
- Online and social media: Strong presence on LinkedIn, X (formerly Twitter), Instagram, YouTube and a dedicated project website, ensuring continuous outreach and engagement. To date, across all platforms, AeroSolfd has reached more than 1100 followers.

Overall, the project's dissemination outputs have not only met but, in many cases, exceeded the original KPIs, demonstrating the effectiveness and reach of the AeroSolfd dissemination strategy.

4.2.STAKEHOLDER FEEDBACK AND INTERACTION

Stakeholder engagement was a cornerstone of AeroSolfd's dissemination strategy. The project successfully reached a diverse audience including policymakers, researchers, industry representatives, and the general public.

- Policy engagement: The Lisbon dissemination event coincided with the European Commission's revision of the Air Quality Directive. Stakeholder discussions during the event provided timely input to the Commission, reinforcing AeroSolfd's relevance in shaping future policy.
- Focus groups and workshops: Events such as the panel discussions and focus groups at the VERT Fora, satellite events in Amsterdam, Lisbon and Copenhagen and the Barcelona workshop on air quality in metro stations facilitated deep dialogue on the potential and barriers for the implementation of AeroSolfd retrofit solutions.
- Collaborations: Joint activities with sister projects like VERA and initiatives such as EIT Urban Mobility and the IDEAL Cluster amplified AeroSolfd's voice and extended its reach.
- Feedback channels: Participants at events and online platforms expressed their interest in AeroSolfd's retrofit technologies, with several cities exploring pilot implementations and potential clients being identified.

These interactions confirmed the project's resonance with its target audiences and its potential for real-world adoption.

4.3.LESSONS LEARNED AND BEST PRACTICES

Several key lessons emerged from AeroSolfd's dissemination experience:

- Flexibility is essential: The relocation of the Final Event from Brussels to Barcelona, and the redirection of efforts from X to LinkedIn, demonstrated the value of adapting plans to evolving circumstances.
- Timing matters: Aligning dissemination with policy milestones—such as the EU Air Quality Directive revision—enhanced the strategic impact of communications.
- Multi-channel engagement works: Combining scientific publications, social media, events, and media coverage ensured broad and diverse outreach.
- Collaboration strengthens impact: Partnerships with other EU projects and initiatives enriched content, expanded networks, and increased visibility.

These insights will inform future dissemination strategies led by individual partners and support ongoing exploitation efforts.

5. DEVIATIONS FROM THE PLAN

During the course of the project, some deviations from the original dissemination plan were encountered. Firstly, only two site visits were conducted, as the planned visit to Lisbon could not take place. This was due to unforeseen circumstances, including logistical challenges, holiday season and scheduling conflicts with local stakeholders, which ultimately made it impossible to organise the visit as intended. Every effort was made to reschedule, but alternative arrangements did not prove feasible within the project timeline.

Furthermore, the final event was not held in Brussels as initially planned. Instead, the decision was made to host the event in Barcelona. The decision to shift the event location stemmed from uncertainties related to delays in the project, project's duration and logistical arrangements. Although a venue had already been reserved in Brussels, remaining doubts about the schedule and the risk of incurring cancellation fees prompted us to reconsider. In Barcelona, our partner CSIC was able to offer an excellent, easily accessible venue. Furthermore, hosting the event in Barcelona provided the valuable opportunity to involve EIT Urban Mobility, headquartered in the city. Their participation, including a keynote address, greatly enriched the event by introducing fresh perspectives and fostering lively, insightful discussions among all attendees. Despite our best efforts, we were only able to engage approximately 15 policymakers at the event, falling short of the original target of 30. Nevertheless, this fact and the change in venue did not impact the scope or quality of the event, and all planned activities were successfully delivered.

6. DISSEMINATION STRATEGY AFTER PROJECT END

The dissemination strategy was successfully implemented as described in deliverable D5.1 – Preliminary plan for dissemination and exploitation including innovation and IPR management strategy.

Upon project completion, the primary channel for ensuring continued visibility and accessibility of the project's outcomes will be the website (https://aerosolfd-project.eu/), which will serve as the main platform for dissemination of results.

The website will remain active until December 2025 sharing highlights such as INTEC's video/recording, publications still in preparation, etc. After December 2025, a static version of the website will be available until August 2027.

Alongside maintaining the project website as the principal dissemination channel, selected deliverables will be uploaded to the AeroSolfd Community on the Zenodo repository. This approach ensures that key project outputs remain openly accessible to the wider research and policy community, supporting transparency and long-term knowledge sharing beyond the project's conclusion.

The LinkedIn Channel will also remain active following the end of the project, providing updates on forthcoming publications and sharing any significant news or developments related to AeroSolfd. Administration of the channel will be transferred to the project coordinator M+H in December 2025, guaranteeing continued communication and engagement with the wider community.

7. LINKS WITH OTHER WPS

This deliverable is closely linked with all technical Work Packages (WPs), each of which contributed valuable input to its development. In particular, it is directly connected to WP6 "Communication," where the communication materials referenced in this report were created and disseminated.

8. CONCLUSIONS AND RECOMMENDATIONS

The AeroSolfd project successfully implemented a robust and multifaceted dissemination strategy that reached a wide spectrum of stakeholders across Europe. Through scientific publications, industrial media, targeted events, and active online engagement, the project raised awareness of retrofit solutions for tailpipe and brake emissions. Despite minor deviations from the original plan, the dissemination activities remained aligned with the project's strategic objectives and contributed significantly to its visibility and impact. The collaborative efforts with sister projects and EU initiatives further amplified the reach and relevance of AeroSolfd's outcomes.

Overall, the dissemination activities have laid a strong foundation for future exploitation, with several partners now exploring commercial application and follow-up projects. These activities have created an excellent basis for policy influence, at all levels, specially locally but also at regional, European and international level.

9. ANNEX

9.1. LIST OF PUBLICATIONS IN INDUSTRIAL AND ONLINE MEDIA

Table 5 List of publications in industrial journals and online media (Stand 23.10.2025)

TITLE OF PUBLICATION	AUTHORS	NAME OF THE JOURNAL OR EQUIVALENT	LINK TO THE PUBLICATION
Horizon Europe Project AeroSolfd: GPF-Retrofit for Cleaner Urban Mobility	Lauretta Rubino, Andreas Mayer, Jan Czerwinski, Thomas Lutz, Lars Larsen, Danilo Engelmann, Martin Lehmann	SAE Publication	HORIZON Europe Project AeroSolfd: GPF-Retrofit for Cleaner Urban Mobility
The VERT GPF-Retrofit Program for Cleaner Urban Mobility within the HORIZON Europe AeroSolfd Project	Lauretta Rubino, Andreas C. Mayer, Thomas W. Lutz, Jan Czerwinski, Lars C. Larsen	SAE Publication	The VERT GPF-Retrofit Program for Cleaner Urban Mobility within the HORIZON Europe AeroSolfd Project
AeroSolfd: Advancing Air Quality through Retrofitted Gasoline Particulate Filters – Insights from Laboratory and Real-World Evaluations	Danilo Engelmann, Andreas Mayer, Pierre Comte, Lauretta Rubino, Lars Larsen	SAE Publication	AeroSolfd: Advancing Air Quality through Retrofitted Gasoline Particulate Filters – Insights from Laboratory and Real-World Evaluations
Particulate Matter Emissions from Metro Brakes using the Example of the Lisbon Metro	Maximilian Weissbuch, Simon Schastok, Jörg Lindermann, Ana Maria Todea, Sven Limberger, Heiko Böker, Stefanos Agathokleous, Teresa Moreno, Christine Kube, Tomé Canas, Stefan Schumacher & Christof Asbach	Internationales μ - Symposium 2023 Bremsen-Fachtagung. IμSBC 2023. Proceedings Springer Vieweg, Berlin, Heidelberg.	Particulate Matter Emissions from Metro Brakes using the Example of the Lisbon Metro | SpringerLink
AeroSolfd-Innovationsprojekt: Filter für saubere Luft		Internationales Verkehrswesen. Das Technisch-Wissenschaftliche Fachmagazin	https://www.internationales-verkehrswesen.de/aerosolfd-innovationsprojekt-filter-fuer-saubere-luft/

Zyklusentwicklung für Nfz-Bremsstaubmessungen	Hartmut Niemann, Michael Pehle & Marco Zessinger	Automobiltechnische Zeitschrift	Volume 126, Issue 11 | ATZ - Automobiltechnische Zeitschrift
AeroSolfd: Uma via rápida para um ar urbano mais limpo	Francisco Nobre, Dalila Antunes	Revista Euro Transporte	AeroSolfd: Uma via rápida para um ar urbano mais limpo - Eurotransporte
Article about AeroSolfd Project	Martin Lehmann, Marta Escoto, Anette Mack	Steinbeis Europa Zentrum Jahresbericht	https://www.steinbeis-europa.de/de/jahresbericht-2022#erfolgsgeschichte
Article about AeroSolfd Project	Martin Lehmann	MANN+HUMMEL Geschäftsbericht 2024	MANN+HUMMEL Geschäftsbericht 2024: Jetzt entdecken!
AeroSolfd: Fast Track to Cleaner Urban Air	CENEX Netherlands	Webseite CENEX NL	https://cenexgroup.nl/portfolio/aerosolfd/
ZF: Innovative Low-Emission Air Disc Brake Unveiled	The BRAKE Rerport	The BRAKE Report	ZF: Innovative Low-Emission Air Disc Brake Unveiled - The BRAKE Report
AeroSolfd project to demonstrate retrofit GPF and brake particle control systems	Dieselnet	DieselNet	https://dieselnet.com/news/2022/06aerosolfd.php
ZF und Mann+Hummel zeigen AeroSolfd-Lösung zur Bremsstaubabscheidung	Julian Buckley	Power Progress International	https://www.powerprogress.com/news/zf-mann-hummel-show-aerosolfd-brake-dust-capture-solution/8086590.article
Cycle Development for CV Brake Dust Measurements	Hartmut Niemann, Michael Pehle & Marco Zessinger	ATZ Worldwide	Cycle Development for CV Brake Dust Measurements | ATZ worldwide
Feinstaubemissionen aus U-Bahn-Bremsen am Beispiel der Metro Lissabon	Weissbuch, M. et al.	Internationales μ - Symposium 2023 Bremsen-Fachtagung. IμSBC 2023.	https://link.springer.com/chapter/10.1007/978-3-662-68167-1_2
O Metro de Lisboa surge automaticamente como parceiro natural do projeto AeroSolfd	Diana Fonseca, Dalila Antunes	Ambiente	https://www.ambientemagazine.com/o-metro-de-lisboa-surge-automaticamente-como-parceiro-natural-do-projeto-aerosolfd/

Projeto de cinco milhões para melhorar qualidade do ar é testado no metro de Lisboa	Tomás Gonçalves Pereira, Dalila Antunes	O Jornal Económico	Projeto de cinco milhões para melhorar qualidade do ar é testado no metro de Lisboa
Comunicacion y sostenibilidad. Plan de Comunicacion para la Agencia de Innovacion y Desarrollo Económico de Valladolid	Barredo Portillo, AM		Comunicación y sostenibilidad. Plan de Comunicación para la Agencia de Innovación y Desarrollo Económico de Valladolid
Plan estratégico de AUVASA	Enjuto Giles, Lara		https://uvadoc.uva.es/handle/10324/68746
Projeto europeu para a melhoria da qualidade do ar apresentado em Lisboa		AIPOR Noticias	Projeto europeu para a melhoria da qualidade do ar apresentado em Lisboa
Metropolitano de Lisboa colabora com projecto europeu Aerosoldf	CONSTRUIR	CONSTRUIR	Metropolitano de Lisboa colabora com projecto europeu Aerosoldf | Construir
AeroSolfd: Innovative Filters for Cleaner Air Solutions	InnoReports	InnoReports	AeroSolfd: Innovative Filters for Cleaner Air Solutions - Innovations Report
AEROSOLFD: Reducir la contaminación de la movilidad urbana en Valladolid	BABLE	BABLE	BABLE - AEROSOLFD: Reducir la contaminación de la movilidad urbana en Valladolid
INTEC integra projeto europeu para a melhoria da qualidade do ar	Dalila Antunes	Atlas de Saúde	https://www.atlasdasaude.pt/noticias/intec-integra-projeto-europeu-para-melhoria-da-qualidade-do-ar
Por um futuro mais limpo e saudável	Dalila Antunes	Diario de Noticias	https://www.dn.pt/arquivo/diario-de-noticias/por-um-futuro-mais-limpo-e-saudavel-17186021.html
Um passo sustentável para a saúde dos cidadãos	Dalila Antunes	AWAY Magazine	https://away.iol.pt/cronica/opiniao/dalila-antunes-um-passo-sustentavel-para-a-saude-dos-

			cidadaos/20231101/65420ccbd34e65afa2f71072
Not available yet (publication in November)	Dalila Antunes	Segurança	Not yet available, publication in November 2025
ZF unveils new MAXX low-emission brake at IAA Transportation 2024		Markline Information Platform	https://www.marklines.com/en/news/315916
Tackling the UK's high emitters at the tailpipe	Ann-Marie Knegt	WCRAQ	https://wcraq.com/2025/05/tackling-the-uks-high-emitters-at-the-tailpipe/

9.2. LIST OF EXTERNAL EVENTS WHERE AEROSOLFD WAS REPRESENTED

Table 6 List of external events with AeroSolfd representation (Stand 29.10.2025)

EVENT	DATE	PLACE	TYPE	ACTIVITIES
STEMS_CNR Seminar 2024	September 5 2024	Naples, IT	Other	Presentation
WFC13 2022	Oct 5-9, 2022	San Diego, CA	Conference	Presentation
FiltXPO 2023	Oct 10-12, 2023	Chicago, IL	Conference	Presentation
AFS FiltCon 2023	May 1-3, 2023	Louisville, KY	Conference	Presentation
VERT Forum 2023-2025	March 23, 2023	Zurich, CH	Conference	Presentation, Posters, Flyers, Panel Discussion
IDEAL cluster colloquium on Air Quality and Health: insights from transport and vulnerable populations, 2025	June 23, 2025	Barcelona, ES	Collaboration with EU-funded projects	Presentation
General Assembly VERA June 2025	June 2025	Online	Collaboration with EU-	Presentation

			funded projects	
ETH Nanoparticles Conference 2023-2025	June 10-14, 2024	Dübendorf, CH	Conference	Presentations, Posters
EFCA International Symposium 2024	July 3, 2024	Brussels, BE	Conference	Presentation
DECHEMA Partikelmesstechnik 2024	February 2024	Frankfurt, GER	Conference	Posters
RTR Conference 2024	Feb 5-7, 2024	Brussels, BE	Conference	Presentation
FILTECH 2023	Feb 14-16 2023	Cologne, DE	Conference	Booth, Presentation, Presentation
AFS Falcon 2024	April 8-10, 2024	Houston, TX	Conference	Presentation
Automechanica	8.-12.09.2024	Frankfurt, GER	Conference	Presentation
Open Innovation Kongress 2023	6.3.2023	Stuttgart, GER	Conference	Posters
Busworld Europe	4-9 Oct 2025	Brussels, BE	Conference	Booth
EAC - The European Aerosol Conference 2025	31 August - 4 Sept 2025	Lecce, IT	Conference	Posters
WFC14	30 June - 4 Juli 2025	Bordeaux, FR	Conference	Presentation
FiltXPO	29 April - 1 Mai 2025	Miami Beach, US	Conference	Posters
WCRAQ meeting	2024	UK	Conference	Presentation
InnoTrans 2022	2022	Berlin, GER	Conference	Presentation

SENTIATECH 2025	21-22 October 2025	Valencia, ES	Conference	Presentation
CALAC 2025	2025	Peru	Conference	Presentation
SEDEMA 2025	2025	Mexico	Other	Presentation
WCRAQ Meeting 2025	2025	London, UK	Conference	Presentation
ISAPS Seminar 2024	2024		Conference	Presentation
Event: Beyond Borders: Pioneering Transformation.	2024	Stuttgart, DE	Other	Presentation
Event: Global Technology Days 2024	2024	Jeversen, DE	Other	Booth, Site Visit
European AeroSol Conference - EAC 2024	2024	Tampere, FI	Conference	Posters, Presentation
μ -Symposium 2023	2023	Chemnitz, DE	Conference	Presentation
Traffic Days Aalborg 2024 (Trafikdage 2025)	August 2024	Aalborg University	Conference	Booth, Posters, Flyers
5. Symposium “Ultrafine particles in outdoor air and indoor environments”	16./17. September 2024	Berlin, GER	Conference	Posters
ICE2025 - 17th International Conference on Engines & Vehicles for Sustainable Transport	14-17 Sept 2025	Capri, IT	Conference	Presentation
FILTECH 2024 Conference	12.-14. November 2024	Cologne, GER	Conference	Presentation

RTR 2025	11-13 February 2025	Brussels, BE	Conference	Presentation
ICE2023 - 16th International Conference on Engines & Vehicles for Sustainable Transport	10-14 Sept 2023	Capri, IT	Conference	Presentation
Cenex Expo 2024	04-05 Sept 2024	UK	Other	Presentation
CITA 2022	September 2022	Brussels, BE	Conference	Presentation
EFCA 2022	July 2022	Brussels, BE	Conference	Presentation
EuroBrake 2023	September 2023	Barcelona, ES	Conference	Booth, Presentation

9.3.DISSEMINATION MATERIALS (POSTERS, FLYERS, ETC.)

Most communication and dissemination materials developed are described in Deliverable 6.3: Communication tools and materials (available under: https://ec.europa.eu/research/participants/documents/downloadPublic?documentIds=080166e5f7dcc827&appId=PPGMS)