CONTRACT N°: 101130125
ACRONYM: FLUFET

TITLE: FLow detection of virUses by graphene Field Effect Transistor microarrays

Instrument: HORIZON-EIC-2023-PATHFINDEROPEN-01

PLAN FOR DISSEMINATION AND COMMUNICATION ACTIVITIES

Project Starting Date: 1 March 2024
Project End Date: 31 August 2027
Duration: 42 months

PROJECT CO-ORDINATOR: UDC
Coordinator's Organization Name: Universidade da Coruña

REPORTING PERIOD: **n.1** from 1 to 12

Reference Work packages:
WP5 Dissemination, Communication and Exploitation

Project funded by the European Commission within HORIZON-EIC-2023-PATHFINDEROPEN-01		
Dissemination Level		
PU	Public	X

Project Officer: LUCIA FARINA

Research funded by HORIZON EUROPE

Contract No: HORIZON-EIC-2023-PATHFINDEROPEN-01

G.A. n° 101130125

European Innovation Council
Funded by the European Union

Document information

GA Number	101130125		Type of Action	EIC Pathfinder
Project name	FLow detection of virUses by graphene Field Effect Transistor microarrays			
Project name:	FLUFET			
Start Date	March 1st, 2024		Duration	42 months
End Date	August 31st, 2027			
Deliverable	D5.2 Plan for Dissemination and Communication Activities			
Work Package	WP5			
Project Month of Delivery	Contractual	M6	Actual	M6
Nature	Report	Dissemination Level		Public
Lead Beneficiary	UDC – Universidade de A Coruña			
Responsible Author	Miguel Cuerva – UDC			
Internal reviewers	Alejandro Criado (UDC), Jesús Mosquera (UDC), Tea Carletti (ICGEB), René Pfeifer (BIOMA), Alba Centeno (GSEMI), Alar Ainla (INL)			
Document approval	Full consortium			

Project Summary

Infectious zoonotic diseases that jump from animals to humans are on the rise, and the risk of a new pandemic is higher now than ever before. Future health models need to consider the close connection between human and animal health, and new technologies capable of continuously monitor places where the risk of pathogens transmission is higher (shared by animals and humans) are urgently needed to prevent the human, socio-political and economic cost from pandemics.

Continuous monitoring and harmonized data collection of animal farms are required by the European Parliament. However, current methods are not suitable for an in-situ, continuous and automatic detection, so today only a limited number of specific pathogens are monitored.

FLUFET will be the first automatized sensor able of continuously detecting a broad spectrum of viral targets, and with the unprecedent capability of detecting unknown viruses. This sensor will be based on graphene Field Effect Transistors (gFETs). FLUFET will detect infectious zoonotic threats before they spread to humans and create potential outbreaks, opening the door for a pandemic's prevention continuum. It will bring the possibility to incorporate the long-distance external factors heavily affecting human health at worldwide level.

FLUFET brings interesting opportunities for Health and pandemics experts and managers, Policymakers and regulatory/ standardization bodies, Animal farmers and their associations, Precision livestock farming solution providers, Investors and researchers in the multiple disciplines involved in the consortium.

FLUFET requires an interdisciplinary consortium including partners from computational biophysics, graphene technology, nanotechnology, sensing, microfluidics, virology, surface engineering and sensor design and electronics

European Innovation Council
Funded by the European Union

Consortium Members

Nº	Role	Short Name	Legal Name	Country	PIC
1	COO	UDC	Universidade da Coruña	ES	999629718
2	BEN	BCMaterials	FUNDACION BCMATERIALS - BASQUE CENTRE FOR MATERIALS, APPLICATIONS AND NANOSTRUCTURES	ES	928273511
3	BEN (IO)	INL	Laboratorio Iberico Internacional de Nanotecnología	PT	988145985
4	BEN	BIOMA	ASOCIACION CENTRO DE INVESTIGACION COOPERATIVA EN BIOMATERIALES- CIC biomaGUNE	ES	998347572
5	BEN (IO)	ICGEB	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY	IT	999470444
6	BEN	GSEMI	GRAPHENEA SEMICONDUCTOR SL	ES	910983940
7	BEN	VTT	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	FI	932760440

History of Changes

Version	Issue Date	Stage	Description	Comments	Contributor
1.0	13.05.2024	Draft	First Draft of D5.2		Miguel Cuerva
1.1	16.05.2044	Draft	Revisions		Alejandro Criado & Jesús Mosquera
1.2	17.06.2024	Draft	Second Draft of D5.2		Miguel Cuerva
1.3	24.07.2024	Draft	Consortium Revision	Revisions and suggestions	Full consortium
1.4	28.08.2024	Document	Approved document		Miguel Cuerva

European Innovation Council
Funded by the European Union

Table of contents

Plan for Dissemination and Communication Activities

The expected outcomes of dissemination and communication activities within the project are many and varied. These include engaging stakeholders to align project activities with user needs, fostering synergies to ensure project results extend beyond the project's duration, sharing best practices with relevant stakeholders, promoting collaboration facilitated by Horizon Europe, raising citizen awareness, soliciting feedback, and more. The overarching goal of the plan is to promote the impact and findings of the project throughout its lifecycle in a strategic, clear, and comprehensive manner to key market actors and relevant stakeholders. The Dissemination and Communication plan enhances project visibility by providing the consortium with tailored and consistent communication and dissemination activities aimed at reaching all relevant stakeholders across the value chain.

The broken-down objectives of the plan are as follows:

- Quantify the D/C Key Performance Indicators (KPIs).
- Define target groups, key messages, channels and tools.
- Identify opportunities through events and specialised journals.
- Denominate cooperation mechanisms and strategic alliances with projects, initiatives and organisations.
- Establish monitoring and evaluation processes.

Key Messages and Target Groups

1.1. KEY MESSAGES

FLUFET’s Dissemination and Communication (D&C) activities must be in line with a project-wide clear narrative. To do so, this plan lays down a list of simple concise and tailored statements which convey the most important information. They are the foundation of the D&C content and need to be shared with the audience consistently.

- The FLUFET project will develop an innovative bioreceptor technology enabling biomolecule (i.e., human receptor and antibody)-virus multivalent and reversible interaction towards a multiplexed sensor to be used in the continuous regime and with heterogeneous samples with good reliability, and which will be reusable.
- Raise awareness of FLUFET’s mission, vision, and potential impact;
- Engage suitable stakeholders in fulfilling the project’s goal;
- Disseminate information regarding its Foreground, including its long-term sustainability and applicability in the sensors market.

As the consortium tailors its messages to each identified target group, it will ensure remarkable influence and engage the audience according to their interests and needs.

1.2. TARGET GROUPS

The FLUFET project aims to enable strong engagement of internal and external stakeholders. Each target group will be approached in a unique way with tailored activities, specific key messages and co-creation processes. These groups include (1) Citizens, civil society and end-user engagement, (2) Academia and Research Institutions, (3) Health and pandemics experts and managers, (4) Local and regional authorities, policymakers and standardization bodies, (5) Animal farmers and their associations, (6) Companies of precision farming solutions, (7) Investors and (8) Other networks.

On the one hand, FLUFET will focus on D&C activities at a national scale, particularly in the use cases, with adapted local communication strategies and robust ownership of these by demonstration leaders. On the other, a strong emphasis will be put on D&C activities at the EU level.

FLUFET will categorize these diverse stakeholders and interested parties into groups, based on common use cases and the connection to the partners that will be responsible for analysing their needs and requirements. An initial categorization of these groups is presented below.

(1) Citizens, civil society and end-user engagement.

The main target group of the FLUFET project will be citizens, civil society and end-users. FLUFET as a European project is born to tackle the concern of the European citizens about the possible zoonoses in pandemic, an issue that has been of increasing concern to society since the COVID-19 crisis. The FLUFET project will seek to highlight the importance of European projects and European Commission’s involvement in addressing such matters and emphasizing the importance of science as a solution to people's real problems. Additionally, communication channels will be established to raise awareness about the importance of prevention through automated and continuous monitoring systems for unforeseen hazards, which constitutes the primary objective of FLUFET.

(2) Academia and Research Institutions.

By embracing open science principles, FLUFET offers academic and research institutions the opportunity to utilize results, data, and findings, while adhering to GDPR and confidentiality regulations set by business partners. Researchers will have access to FLUFET's public deliverables on the project website, and they can also participate in FLUFET webinars or access articles in open-access journals and publications.

(3) Health and pandemics experts and managers.

The FLUFET project will engage with health and pandemic experts because the technology to be employed in the project directly involves them as potential solutions for the early detection of zoonoses. Effective communication with these experts will be vital for the implementation of such sensors and their implementation on farms and monitoring networks.

(4) Local and regional authorities, policymakers and standardization bodies.

Local and regional authorities will benefit from the implementation of the FLUFET sensor, as they will have the opportunity to discuss, advise, optimise the use and ensure the effectiveness of the project results. Public authorities involved in public health and animal welfare will play an active role and will be encouraged to implement the zoonosis detection system, allowing cities and regions to directly incorporate the project results into their disease prevention plans. This will be particularly beneficial, as they will have the opportunity to support a Europe-wide collaborative project for zoonosis screening infrastructure and develop a standardised framework. The bottom-up approach advocated by the project emphasises the crucial role of public actors as providers and main implementers of testing and validation solutions, resulting in reduced pressure on health systems and reduced infrastructure costs, with direct benefits for them.

(5) Animal farmers and their associations.

FLUFET's Dissemination and Communication (D&C) efforts will prioritize involving farmers in validating and assessing the project's outcomes. This will encourage them to apply the knowledge gained from the project in their operations, thereby enhancing the acceptance of the product among users. The insights and expertise gained from the gradual rollout of FLUFET, including data sets, acceptance procedures, and testing, will serve as a model for farmers and their associations. This model will aid in developing suitable and standardized solutions that align with the needs of various target groups. Through appropriate dissemination channels and tools, D&C activities will create a platform for sharing information and expertise, fostering the exchange of best practices and performance indicators.

(6) Companies of precision farming solutions.

FLUFET’s D&C activities will target Companies of precision farming solutions in the validation and assessment of project results and encourage the usage of the knowledge created by the project to offer enhanced services, increasing user acceptance of charging services. In addition, the new market actors need to set harmonized actions, design, assessment and deployment of innovative concepts in virus detection and zoonosis prevention optimizing the wide-scale adoption, while facilitating consumer acceptance and users’ needs

(7) Investors.

More related to the exploitation of results, potential investors will be contacted, for the sensor, protocols and Graphenea's spin-off ATTN, to explain the advantages of the project. Business brochures will also be prepared, as well as vis-a-vis meetings to present value propositions, financial estimates, market analysis, etc.

(8) Other networks.

It is likely that as the project progresses and evolves, new opportunities may arise with other sectors not currently exposed, as well as possible collaboration with other projects or panels of experts contacted through the D&C activities.

Dissemination and Communication

2.1 GUIDELINES OF DISSEMINATION OF RESULTS

The beneficiaries must disseminate their results as soon as feasible, in a publicly available format, subject to any restrictions due to the protection of intellectual property, security rules or legitimate interests.

A beneficiary that intends to disseminate its results must give at least 15 days' advance notice to the other beneficiaries (unless agreed otherwise), together with sufficient information on the results it will disseminate.

Any other beneficiary may object within (unless agreed otherwise) 15 days of receiving notification if it can show that its legitimate interests in relation to the results or background would be significantly harmed. In such cases, the results may not be disseminated unless appropriate steps are taken to safeguard those interests.

In compliance to European Commission (EC) guidelines, all dissemination materials issued by the project include the necessary information and graphic identity of the funding entity, as reproduced in next figure, as an example:

Figure 1. EU Emblem and Funding Statement under the EU budget 2021-2027 and the European Innovation Council

The emblem[1] must remain distinct and separate and cannot be modified by adding other visual marks, brands or text. Apart from the emblem, no other visual identity or logo may be used to highlight the EU support. When displayed in association with other logos (e.g., of beneficiaries or sponsors), the emblem must be displayed at least as prominently and visibly as the other logos.

Moreover, it must indicate the following disclaimer (translated into local languages where appropriate)

"Funded by the European Union (FLUFET, Project 101130125). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Innovation Council. Neither the European Union nor the granting authority can be held responsible for them."

2.2 STRATEGY

Dissemination and communications seek to promote the project by emphasizing on its outcomes, challenges, and achievements; it is a collaborative endeavour in which the whole consortium participates by utilizing all of its available tools. A set of standard communication practices that are adaptable to various settings and needs are used to effectively communicate the project's message to the widest possible audience, including the media.

Moreover, the primary goal of communication is to make the project more impactful, visible, and credible, by sharing its Foreground with the public through the most appropriate and effective methods (traditional media outlets like newsletters, publications, news media coverage and

[1] The EU emblem and funding statement: https://ec.europa.eu/regional_policy/information-sources/logo-download-center_en

digital/social media). Dissemination actions encompass publishing in peer-reviewed journals, presenting at scientific conferences, and attending events related to industry.

A well-structured communication strategy is essential to maximize the impact of the project's Foreground, optimize their value and allow its implementation in the graphene sensor market, pandemic prevention systems, animal farming infrastructure, etc.

Dissemination and communication aim to promote the project by highlighting its outcomes, challenges, and achievements. It involves the entire consortium, utilizing all available tools collaboratively. Standard communication practices adaptable to various settings and needs are employed to effectively convey the project's message to a broad audience, including the media.

The primary objective of communication is to enhance the project's impact, visibility, and credibility by sharing its outcomes with the public through suitable methods such as traditional media outlets (newsletters, publications, news coverage) and digital/social media platforms. Dissemination efforts also include publishing in peer-reviewed journals, presenting at scientific conferences, participating in industry-related events and engage with animal farms, precision farming companies and investors.

A well-structured communication strategy is crucial for maximizing the impact of the project's outcomes, optimizing their value, and facilitating their implementation in various sectors such as the graphene sensor market, pandemic prevention systems, and animal farming infrastructure, among other possible sectors.

2.3 TOOLS

The consortium will employ a balanced combination of digital and offline technologies to provide an effective and efficient information flow around the FLUFET project, build awareness, and reach out to the targeted audiences.

Throughout the implementation of FLUFET, the following indicative communication channels will be updated/modified as needed:

- Project website and dissemination video;
- Press releases, brochures, posters and publications;
- Digital/print flyers and videos/infographics;
- Social media accounts;
- Participation and organization of events, such as, conferences, symposiums, workshops, exhibitions, trade fairs, among others.

2.4 BRAND IDENTITY AND GUIDELINES

The project Logo was designed with two concepts together, the mobility of a virus and the ability to alarm that the FLUFET sensor will have, whose acronym can be understood as FLU (representing the virus) and FET (signifying the acronym of field effect transistor, the transducer component of the sensor).

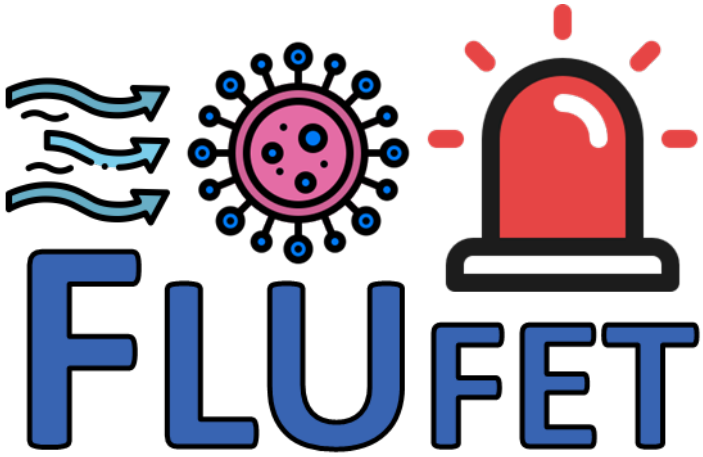

Figure 2. Logo FLUFET – It combines FLU (represent a virus) and FET (Field Effect Transistor).

From the Logo, we can extract a series of colours to be used in formal communications:

Table 1. Colours to be used in formal communications

COLOURS	TONO	HEX	RGB
BLACK		#1C1C1C	28,28,28
RED		#E64545	230,69,69
BLUE		#3864B2	56,100,178
WHITE		#FFFFFF	255,255,255
TURQUOISE		#7BCEEB	123,206,235
AQUAMARINE		#63A6BD	99,166,189
PINK		#E46CA5	228,108,165

2.5 PROJECT WEBSITE & SOCIAL MEDIA ACCOUNTS

The website and social media have been addressed in deliverable 5.1, however, they will be briefly mentioned in this deliverable in the context of the communication and dissemination plan.

To ensure FLUFET outreach to society, the project designed a website utilizing the project's brand identity and existing visuals, to provide all relevant information about the project, the partners, public reports, news and the evolution of FLUFET through its lifecycle.

The website URL is https://flufet.eu/, launched in March 2024 and is the project central hub, which will allow the consortium to update information for communication and dissemination tasks.

FLUFET project, will use social media to raise awareness about the project progress. The main aims are to:

a) maximize the dissemination and communication of the project and the FLUFET sensor utility.

b) ensure that project results are widely distributed to all potential stakeholders.

c) share progress, technology and project results to ensure broad awareness among a diverse spectrum of external stakeholders, with emphasis on the agricultural sector and policymakers

It is crucial to ensure the proper alignment between **FLUFET**'s social media objectives and the project's main dissemination goals. As a European project, it is crucial to explain to society how science and technology can be applied to solve society's problems, and even more so in this case, where the project focuses on the detection of viruses and possible zoonoses.

The main social networks considered relevant to the project are going to be:

Twitter:	FLUFET (@flufet_EIC) / X (twitter.com)
LinkedIn:	LinkedIn: FLUFET

FLUFET will have presence through LinkedIn to strengthen the impact of the project and to reach the widest possible audience, especially commercial partners related to exploitation, and will use Twitter to communicate rapid and short messages relevant to the project to a more general audience, taking strategic and targeted measures for promoting the action itself and its results.

The messages will frequently include a link towards the website, where full-fledged posts on the topics may be found.

2.6 VIDEO AND BROCHURE

The project will produce multiple videos to showcase the project's goals. An initial video has already been created and is expected to be finalized in full agreement with all consortium members by month 7 of the project.

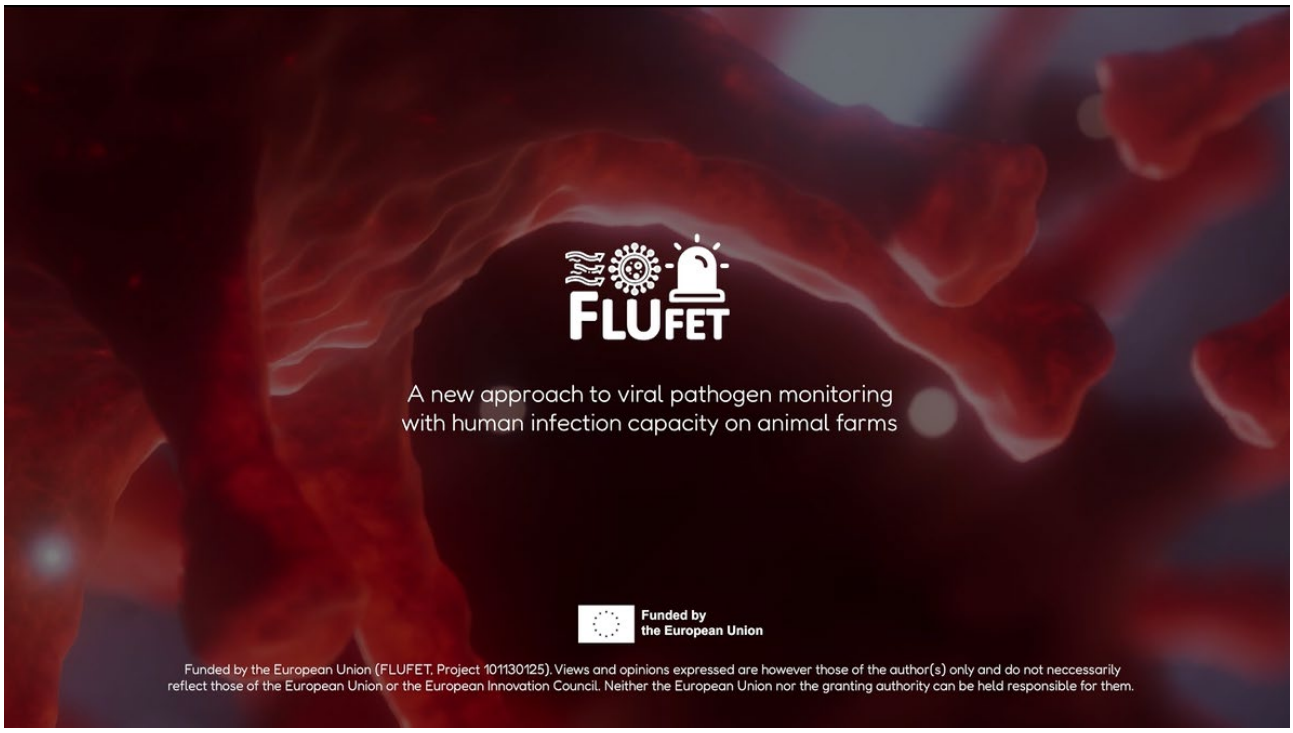

Figure 3 screenshot of the beginning of the video

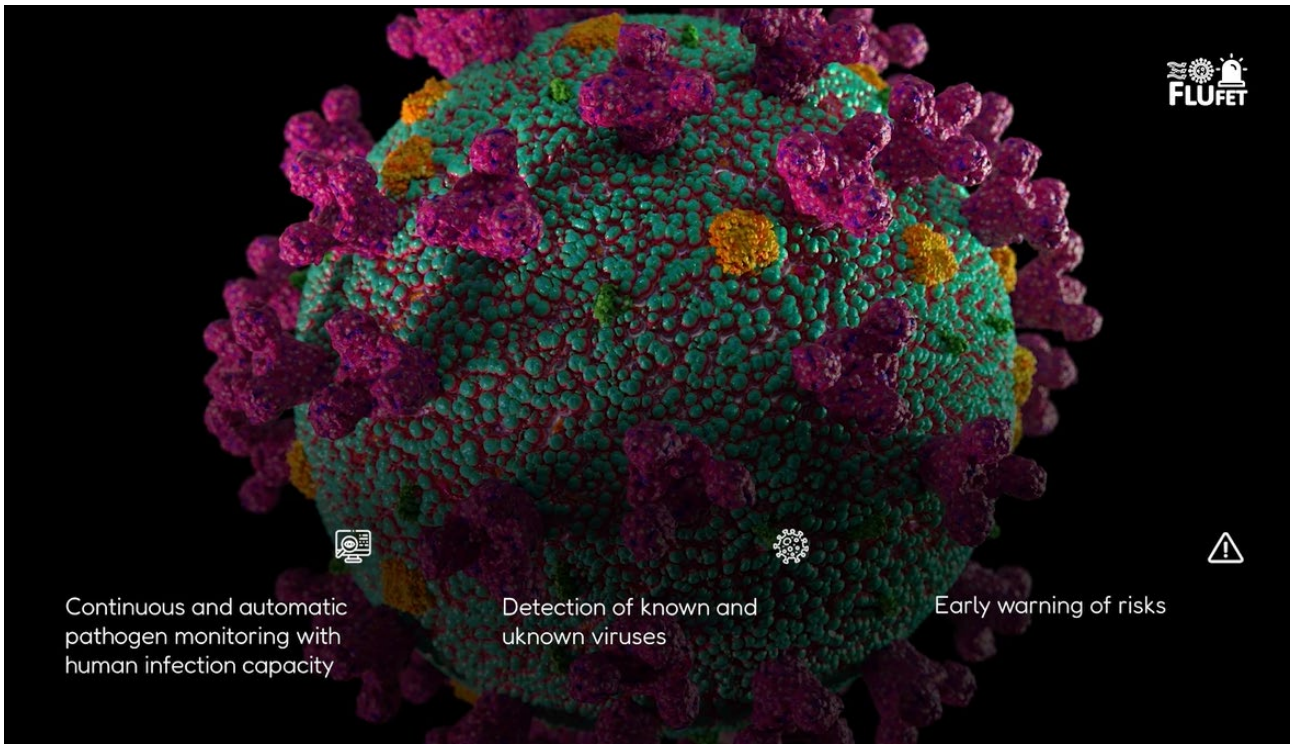

Figure 4 screenshot highlighting FLUFET goals

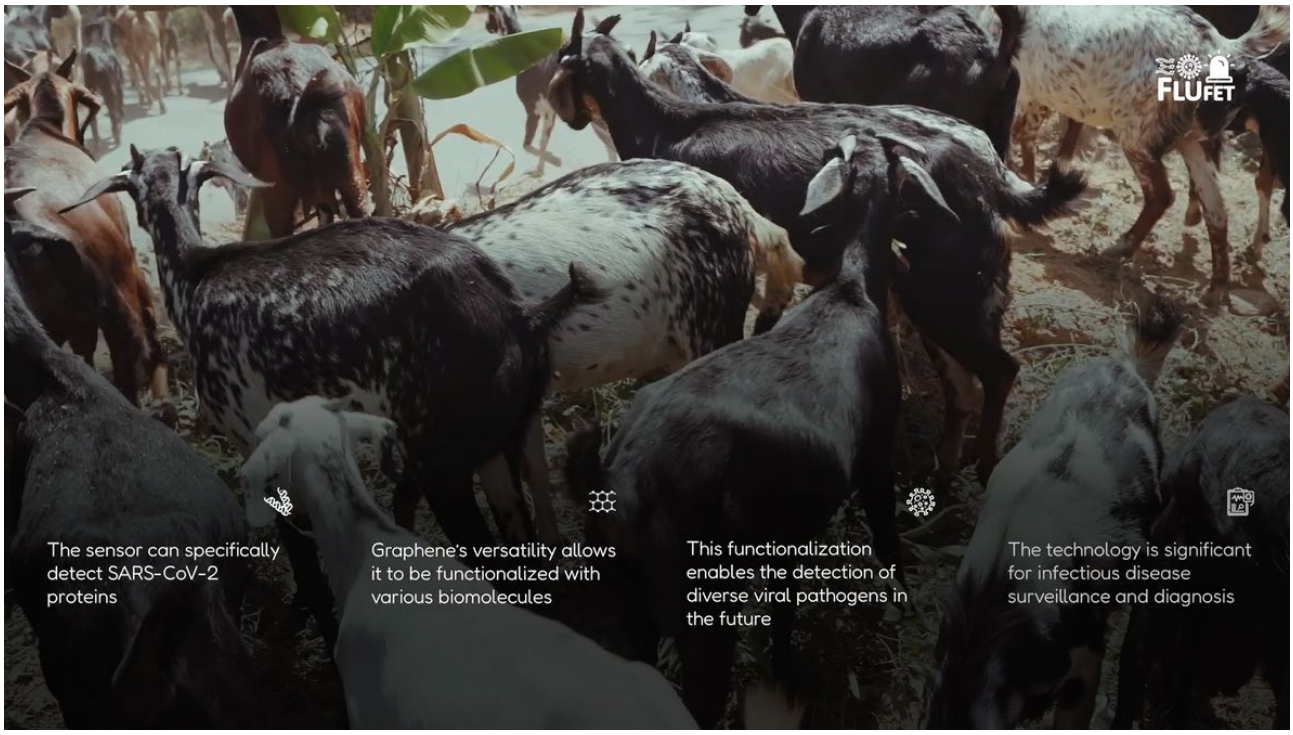

Figure 5 screenshot pointing out the sensor strengths

Brochures are also being produced for distribution to partners and for events, congresses, fairs or visits to public or research organizations.

All of this info will be made public in the project website.

2.7 PRESENTATION AT INTERNATIONAL EVENTS

Disseminating all major successes during and after the execution of the project is a shared obligation of all partners. Attendance and regular involvement in national and worldwide events, namely, conferences, workshops, seminars, and webinars are critical to ensure the greatest level of dissemination, exploitation, and communication. It is encouraged that the partners participate in external events such as conferences, academic forums, industry trade shows, among others, to present the Foreground of the FLUFET project, as well as their own scientific research within the scope of the project. Moreover, FLUFET partners should also promote interaction with its intended target audience.

FLUFET researchers will participate at +15 congresses and conferences such as: American Chemical Biophysical and Physical Societies meetings; EUChems, American Chemical Society, Graphene Week, Chem2Dmat; Viruses, Annual Meeting of the Society of Virology, International Conference of Emerging Infectious Diseases, uTAS (Miniaturized Systems for Chemistry and Life Sciences), Gordon Research Conference (GRC) Physics and Chemistry of Microfluidics; Rapid Methods Europe (RME)

Some of the already confirmed conferences that have been attended or will be attended by partners are:

Table 2 Conferences confirmed for the consortium partners

Conferences	Dates
Graphene 2024	Madrid (Spain), 25th June 2025
EDGE-TECH: Emerging and Disruptive Next-Generation Technologies	Lecce (Italy), 28th June 2024
Società Chimica Italiana - XXVIII Congresso Sci2024	Milan (Italy), 26th August 2024
Challenges in Chemical Sensing with Graphene Derivatives and 2D materials (SENSE)	San Sebastian (Spain), 9th September 2024
Future Materials - 5th International Conference on Materials Science & Nanotechnology	Athens (Greece), 21st October 2024
Pandemic Preparedness International Conference	Trieste (Italy), 11th November 2024 – Organized by ICGEB
33rd Annual Meeting of the Society for Virology	Vienna (Austria), 25th March 2025
Euroanalysis 2025	Barcelona (Spain), 31st August 2025

Additionally, the partners will arrange seminars, webinars, and workshops to share the project's results with the appropriate audience, along with training sessions focused on the device and its applications.

2.8 PUBLICATIONS IN SCIENTIFIC JOURNALS

FLUFET's interdisciplinary character will ensure that project results are published in top-tier scientific publications from many domains, as well as oral and poster presentations at international conferences, to completely communicate project advancements to both the scientific community and corporations. These publications will be made available for free and will be documented in quarterly reports and provided on the project's official website.

At least 12 Scientific publications in journals such as Nature Mater., Nature Comm., Adv. Mater., Adv. Funct. Mater., ACS Nano (in graphene); PLOS Pathogen, Journal of Virology, Virology, Transbound Emerg Dis, PLOS Negl. Trop. Dis. (in Virology); PLoS Comput. Biol., PNAS, Biophys. J., JCTC, PRL, PRX (in Computational biophysics); Nature Nanotech., Angew. Chem., J. Am. Chem.

Soc. Gold, Chem. Mater., Chem. (in nanotechnology); Lab on a Chip, Microsyst. Nanoeng. (in Microfluidics); ACS Appl. Mater. Interfaces (in Surface engineering); ACS Analytical Chemistry, Analyst (in Analytical Science) Nature Comm., ACS Central Science, ACS Nano, Biosens. Bioelectron., Nanoscale, Lancet (in sensor engineering and devices); and Front. Vet. Sci., Veterinary Science (in animal health and farming operations).

2.9 KEY QUANTIFIABLE RESULTS

An overview of the planned activities and channels toward the targeted audience, as well as the associated Key performance indicators (KPI) of the dissemination and communication activities are identified in the next tables:

Table 3. Communication activities during FLUFET.

Activities	Target Audience	KPI
FLUFET Website	All Target Groups	>1000 visitors/year
Social Media	Citizens and Authorities with present in social media	More than 3.000 followers
General Media	Citizens, civil society and end-user engagement.	At least 2 articles in specialized magazines at the EU level
Partners existing communication channels	All Target Groups	Reach out 15.000 people
All dissemination and communication channels	All target groups	3 videos (2 + one promotional). Presentation and fliers, infographics. Reach 100.000 people.

Table 4. Dissemination activities implemented in the frame of WP5, scheduled in alignment with project Gantt.

Target group = key actors	Dissemination channel and plan to achieve the expected impacts and promote results' exploitation
Audience: **Health and pandemics experts and managers** **Purpose**: They acquire FLUFET for initiatives in pandemic prevention. That they promote farmers' adoption.	Co-design of a prototype **'FLUFET-based pandemics monitoring strategy'**. The idea is to organize at least 3 focus groups with experts from public authorities and opinion leaders in at least 5 countries to jointly discuss how they could use FLUFET to bring the greatest benefits. All results will be compiled into a document to be disseminated; at the same time, it gives FLUFET's partners insights towards TRL-maturity --> M1-M24 • **10 Training/Workshop sessions** mainly for technicians from these institutions regarding FLUFET and collecting their usability-related

	feedback (totalling at least 50 participants). --> From month 12 (under NDA if needed)
Audience: **Policymakers and regulatory/standardization bodies** (particularly around animal farming) **Purpose**: They actively promote that farmer adopt FLUFET.	They will also participate in co-designing a prototype **'FLUFET-based pandemics monitoring strategy'**. The idea is to organize at least 2 dedicated focus groups with top leaders and experts in this group in 2 different countries. --> M1-M24 • **2 relevant players will be involved as ATTN's coaches** towards the EIC Transition project. --> From month 6 (under NDA)
Audience: **Animal farmers and their associations** **Purpose**: They start gaining trust towards adopting FLUFET.	**10 Training/Workshop sessions** regarding FLUFET and collect their usability-related feedback (totalling at least 150 participants). From month 12 (under NDA if needed) • Take part in **at least 3 industrial exhibitions,** including Paris International Agricultural Show, Agritechnica, EIMA International, XO, Expo AgroAlimentaria, SPACE, and Middle East Poultry Expo. From month 18
Audience: **Precision farming solution providers** **Purpose**: They integrate FLUFET as part of their offer to farmers (also as future installers).	• **10 Training/Workshop sessions** regarding FLUFET and collect their usability-related feedback (totalling at least 30 participants). • **10 vis-a-vis contacts with companies** in the precision farming sector, for example, during the industrial exhibitions mentioned above. Companies in this sector include GEA Farm Technology, Fullwood Packo, DeLaval, Fancom, Lely International, Allflex, and Afimlik. --> From month 12 (under NDA if needed) • Participation in the **European Conference on Precision Livestock Farming (ECPLF)**
Audience: **Investors** **Purpose**: They invest in ATTN during the EIC Transition project as seed capital, to be followed by a series A in 5 years.	Prepare a **FLUFET Business Brochure** with' FLUFETs quantified value propositions and early-stage financial estimations considering the target market, and use it for **10 vis-à-vis contacts with investors** in the health and farming sectors, for example, during relevant events --> From month 12 (under NDA if needed)
Audience: **Researchers** (in graphene, nanotechnology and surface engineering; in sensing and devices; in computational biophysics; and in virology) **Purpose**: Leveraging FLUFET as a baseline for future research.	**At least 12 Scientific publications** in journals such as Nature Mater., Nature Comm., Adv. Mater., Adv. Funct. Mater., ACS Nano (in **graphene**); PLOS Pathogen, Journal of Virology, Virology, Transbound Emerg Dis, PLOS Negl. Trop. Dis. (in **Virology**); PLoS Comput. Biol., PNAS, Biophys. J., JCTC, PRL, PRX (in **Computational biophysics**); Nature Nanotech., Angew. Chem., J. Am. Chem. Soc. Gold, Chem. Mater., Chem. (in n**anotechnology**); Lab on a Chip, Microsyst. Nanoeng. (in **Microfluidics**); ACS Appl. Mater. Interfaces (in Surface engineering); Nature Comm., ACS Central Science, ACS Nano, Biosens. Bioelectron., Nanoscale, Lancet (in **sensor engineering and devices)**; and Front. Vet. Sci., Veterinary Science (in **animal health and farming operations**). • Participate at **+15 congresses and conferences** such as: American Chemical Biophysical and Physical Societies meetings; EUChems, Euroanalysis, American Chemical Society, Graphene Week, Chem2Dmat; Viruses, Annual Meeting of the Society of Virology, International Conference of Emerging Infectious Diseases. --> From month 24

• **8 Scientific demos for researchers**, along with the lab tests planned in WP4 --> From month 12 (under NDA if needed)

2.10 UPDATED PLAN ON THE DELIVERABLES UNDER WORK PACKAGE 5

Throughout the FLUFET project, the dissemination of its forefront is a joint responsibility among all consortium members. WP5 has established several deliverables to ensure that the project's discoveries and results are consistently reported, as detailed in the following table. In accordance with Open Science policy by the European Commission, public deliverables (PU) will be accessible for viewing on the project website.

Table 5. Deliverables under WP5.

Nº	Name	Type	Dissemination Level	Due Date (month)
D5.1	Project website	R- Document, Report	PU – Public	2
D5.2	Plan for Dissemination and Communication Activities	R- Document, Report	PU – Public	6
D5.3	Plan for Exploitation Activities	R- Document, Report	SEN - Sensitive	6
D5.4	IPR & business brochure	DEC – Websites, patent, filings, videos, etc.	SEN - Sensitive	12
D5.5	Final version of Plan for Dissemination and Communication Activities	R- Document, Report	PU – Public	42
D5.6	Final version of Plan for Exploitation Activities	R- Document, Report	SEN - Sensitive	42

Review and modification of this plan

FLUFET's Dissemination and Communication Plan will be used as a guide for consortium members to ensure correct and effective implementation of communication and dissemination activities and maximize project impact, this strategy is in line with Article 17 of the Horizon Europe Grant Agreements' "Obligation to promote the action and its results Beneficiaries must promote the action and its results by providing targeted information to multiple audiences strategically and effectively (including to the public)". This plan will be updated periodically to include everything for the Final Version of Plan for Dissemination and Communication Activities due Month 42 (Deliverable 5.5)