



CitiObs

**CitiObs - ENHANCING CITIZEN OBSERVATORIES
FOR HEALTHY, SUSTAINABLE, RESILIENT, AND
INCLUSIVE CITIES**

DELIVERABLE 3.2

FRONTRUNNER AND ALLIANCE MULTI-MEDIA MATERIALS

D3.2 – Frontrunner and Alliance Multi-Media Materials

**AUTHORS: JOAO TAVARES (EUROC), ALEXIOS
CHATZIGOULAS (DREVEN) AND NURIA CASTELL (NILU)**

DISCLAIMER

This document contains material, which is the copyright of certain CITIOBS beneficiaries, and may not be reproduced or copied without permission.

The information appearing in this document has been prepared in good faith and represents the views of the authors. Every effort has been made to ensure that all statements and information contained herein are accurate; however, the authors accept no statutory, contractual or other legal liability for any error or omission to the fullest extent that liability can be limited in law.

This document reflects only the view of its authors. Neither the authors nor the Research Executive Agency nor European Commission are responsible for any use that may be made of the information it contains. The use of the content provided is at the sole risk of the user. The reader is encouraged to investigate whether professional advice is necessary in all situations.

No part of this document may be copied, reproduced, disclosed, or distributed by any means whatsoever, including electronic without the express permission of the CITIOBS project partners. The same applies for translation, adaptation or transformation, arrangement or reproduction by any method or procedure whatsoever.

COPYRIGHT MESSAGE

© **CITIOBS Consortium, 2023**. This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both. Reproduction is authorised provided the source is acknowledged.

ACKNOWLEDGEMENT



Co-funded by the
European Union

Funded by the European Union. 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 Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them

DOCUMENT DESCRIPTION

Delivery date:	30.06.2025		
Type*:	DEC - Websites, patent filings, videos, etc.	Dissemination Level**:	PU - Public
Contributing WP:	WP3		
Lead Partner Organisation:	Eurocities		
Lead author(s):	Joao Tavares (Eurocities) Alexios Chatzigoulas (Dreven) Nuria Castell (NILU)		
Reviewer(s):	Karin Ekman (NILU) Antouela Bitsa (DRAXIS)		
Abstract:	The main aim of this deliverable is to capture and transfer the lessons learned by Frontrunner and Alliance cases to a broad range of audiences using multi-media materials, e.g. short videos.		

VERSION LOG

Version	Date	Partner	Content and changes
0.1	07.04.2025	EUROC, Dreven	Updated Outline
0.2	30.05.2025	Dreven, NILU	Updating content and formatting
0.3	16.06.2025	Draxis, NILU	Deliverable Review
0.4	27.06.2025	NILU	Final editing and formatting.
1.0	30.06.2025	NILU	Submission

CITIOBS

CitiObs is a four-year project funded under Horizon Europe by the European Commission. CitiObs will consolidate and apply tools and practice-based knowledge for co-creating data, knowledge and local action via Citizen Observatories (COs): these tools will enhance existing and new citizen observatories to engage people from a diverse range of communities, add value to environmental observations in the urban context, increase and validate citizen observations of the urban environment as part of the existing in-situ Earth Observation systems, co-create inclusive local actions for sustainability and ensure that CO data contributes to research and policy development towards the objectives of the European Green Deal. To ensure broad use, the CitiObs tools and approaches will be developed in co-creation with COs in 5 Fronrunner cities, finetuned with 30 Implementer cities and showcased to 50 Fellow cities.

CitiObs will support citizen observatories in distinct cities to create/enhance/or scale up inclusive and diverse citizen observatories, fostering in particular an active role of citizens in the observation of the urban environment using low-cost sensor technologies and wearables, with a particular focus on air quality and related environmental measures. CitiObs will formalise, valorise and legitimise the role of citizen observations.

The CitiObs methodology of using a large-scale demonstration, co-design and coaching approaches with CO stakeholders (citizens, scientists, policy/decision makers) in 5+30+50 cities in Europe explicitly builds on the Responsible Research & Innovation (RRI) dimensions as founding principles. Ethics consideration will be addressed consistently across all Work Packages.

- WP1. Social dimensions of Citizen Observatories for transition governance
- WP2. Tools, Technologies, and Data Services for Citizen Observatories
- WP3. Co-creation of data and actions for healthy, sustainable and resilient cities with Citizen Observatories
- WP4. Impact creation, Communication, Dissemination and Exploitation
- WP5. Project management
- WP6. Ethics

EXECUTIVE SUMMARY

Deliverable D3.2, *Frontrunner and Implementer Multi-Media Materials*, contributes to CitiObs' goal of strengthening Citizen Observatories (COs) by documenting and sharing practical experiences, tools, and lessons learned across Europe. Rooted in Tasks T3.1 and T3.2, this deliverable presents a curated series of short multimedia materials designed to support capacity-building, encourage peer learning, and offer practical examples for replication.

The videos feature contributions from over 35 COs and focus on a range of topics including environmental monitoring, citizen engagement, and data use for policy. They reflect real-life experiences from the CitiObs demonstration phase and aim to make project insights usable by other initiatives.

This deliverable also outlines how video content is produced in CitiObs, including partner guidelines for recording, editing, and publishing consistent, ethical, and accessible materials. All videos are shared via the CitiObs YouTube channel and embedded on the CitiObs website. They will also be fully integrated into the CitiObs Knowledge Platform (see Deliverable D4.4), ensuring they are accessible in context alongside relevant tools, guidelines, and case examples. This integration supports long-term usability and strengthens the platform's role as a central hub for learning and replication across the CitiObs community.

The multimedia outputs fall into three categories:

1. **Project Overview Videos** – presenting CitiObs' vision and mission.
2. **Thematic and Partner-Focused Videos** – highlighting technical developments and collaboration stories.
3. **Workshop and Webinar Recordings** – capturing practical knowledge from project mentoring sessions.

Together, these materials are intended to help other COs learn from the CitiObs experience, find relevant examples, and apply similar approaches in their own context. New videos will continue to be developed throughout the project, extending the reach and relevance of the content to both emerging and established citizen science initiatives.

TABLE OF CONTENTS

ACRONYMS	8
GLOSSARY	9
1. INTRODUCTION	10
1.1 Background	10
1.2 Purpose	10
1.3 Structure	10
2. MAKING THE KNOWLEDGE, TOOLS, AND EXPERIENCES DEVELOPED WITHIN CITIOBS ACCESSIBLE TO A WIDER AUDIENCE	12
2.1 Guidelines for generating multimedia materials	12
2.1.1 Before the event	13
2.1.2 During the event	15
2.1.3 After the event	15
3. CITIOBS YOUTUBE CHANNEL	16
3.1 Sharing from the YouTube channel	17
4. RESULTS: MEDIA MATERIALS	19
4.1 Project Overview Videos	19
Introducing CitiObs – Project Vision and Ambitions	19
Introducing the CitiObs mission	20
4.2 Thematic and Partner-Focused Videos	21
Developing the CitiObs Decision Support System (DSS): Insights from the Thessaloniki Hackathon	21
Learning Together – What Citizen Observatories Teach Us. Interview with the partner Hester Volten, RIVM	22
Empowering Citizens Through Air Quality Monitoring. Interview with the partners David Riallant (AirSentinels), Philipp Schneider (NILU), and Antouela Bitsa (DRAXIS)	23
Policy Roundtable: CitiObs Tools and the New EU Air Quality Directive	24
Behind the Scenes: Smart Citizen Sensors at IAAC	24
Wearable Devices and Citizen Empowerment. Interview with partner David Riallant, AirSentinels ..	25
4.3 Workshop and Webinar Recordings	26
Setting Up a Successful Monitoring Campaign	26

Leaving No One Behind	27
Participation Dynamics in Citizen Observatories	27
Citizen-Led Actions	28
5. CONCLUSIONS.....	30

INDEX OF FIGURES

Figure 1. Screenshot of the CitiObs Youtube channel	16
Figure 2. Screenshot of the CitiObs website. This image shows the results section of the CitiObs website where project videos are featured	18

ACRONYMS

Acronym	Full name
AC	Alliance Cases
CO	Citizen Observatory
D	Deliverable
FC	Fellow Cases
FRC	Frontrunner Cases
WP	Work Package

GLOSSARY

Term	Explanation
Alliance Cases (ACs)	To ensure broad use, the CitiObs tools and approaches will be developed in co-creation with Citizen Observatories (COs) in 5 Frontrunner cities, finetuned with 30 Alliance CO cases and showcased to 50 Fellow CO cases. Note that Alliance Cases were previously referred as Implementer Cities. This change was done in order to promote a more accurate description of CitiObs engagement with Citizen Observatories (not cities per se), and the nature of said engagement (not only implementing tools, but collaborating with Citizen Observatories).
Citizen Observatories (COs)	COs are community-based environmental monitoring and information systems, typically at the community level or in a specific location, even if linked to a national or global environmental concern. COs involve citizens using modern mobile and web technologies and/or sensors to collect and share data, which enhance Earth observation systems and official data sources by filling in gaps and adding detail. Often using dedicated IT infrastructure, COs support the flow of data and information between citizens, scientists and decision-makers, and typically have a distinct focus on influencing decision-making, policy change and/or environmental governance outcomes.
Fellow Cases (FCs)	To ensure broad use, the CitiObs tools and approaches will be developed in co-creation with Citizen Observatories (COs) in 5 Frontrunner cities, finetuned with 30 Alliance CO cases and showcased to 50 Fellow CO cases. Note that Fellow Cases were previously referred as Fellow Cities. This change was done in order to promote a more accurate description of CitiObs engagement with Citizen Observatories (not cities per se).
Frontrunner Cases (FRCs)	To ensure broad use, the CitiObs tools and approaches will be developed in co-creation with Citizen Observatories (COs) in 5 Frontrunner cities, finetuned with 30 Alliance CO cases and showcased to 50 Fellow CO cases. Note that Frontrunner Cases were previously referred as Frontrunner Cities. This change was done in order to promote a more accurate description of CitiObs engagement with Citizen Observatories (not cities per se).

1. INTRODUCTION

1.1 Background

Deliverable D3.2, *Frontrunner and Alliance Multi-Media Materials*, is central for CitiObs' objective to amplify the value of citizen science across Europe. Rooted in Tasks T3.1 and T3.2, this deliverable contributes to the project's broader mission of enhancing Citizen Observatories (COs) by making knowledge, practices, and lessons learned accessible and relatable. By capturing CitiObs activities and engagement with Frontrunner and Alliance cases, D3.2 helps to transfer the lessons learned to a wider audience and, more specifically, to the Fellow Cases. The deliverable highlights the importance of sharing CitiObs insights with COs and stakeholders beyond the CitiObs consortium, supporting the growth of a strong, interconnected citizen science ecosystem.

1.2 Purpose

The purpose of Deliverable D3.2 is to produce a series of short, focused multimedia materials that address pressing and relevant topics for COs. These topics include, for example, data quality and validation, low-cost sensors and wearables, strategic discussions with policy-makers, and case-based learning from on-the-ground activities. Designed to be both informative and engaging, the videos aim to support capacity-building, peer learning, and policy influence. At the time this Deliverable was submitted, CitiObs has worked with over 35 COs across Europe, whose input has directly informed the topics and content. To ensure accessibility and long-term value, all videos are being shared through the dedicated CitiObs [YouTube channel](#), establishing a centralized media hub. The videos are also linked to the CitiObs website and are part of the Knowledge Platform. The project will continue to produce new multimedia material that will be made available on our channels through the centralized media hub.

1.3 Structure

This deliverable is structured to provide a detailed overview of the multimedia materials produced by CitiObs up to the submission of this deliverable. Each piece will be presented in its own subsection, outlining the context in which it was developed and the objectives it aims to achieve.

The second chapter of this deliverable focus on presenting how CitiObs work with ensuring the quality of the multimedia materials. In the third chapter, we describe how the CitiObs YouTube channel serves as a central multimedia hub and the Videos are presented in Chapter 4. Here we also capture practical insights, lessons learned, and shared experiences that can benefit a wider audience beyond the project itself. The deliverable concludes with a reflection section that captures key lessons learned throughout the production process and offers insights into how these materials can continue to support and inspire COs across Europe.

2. MAKING THE KNOWLEDGE, TOOLS, AND EXPERIENCES DEVELOPED WITHIN CITIOBS ACCESSIBLE TO A WIDER AUDIENCE

CitiObs is built on a collaborative, cross-work package approach to developing, testing, and sharing knowledge. WP1 and WP2 co-develop the project's social and technological toolkits, while WP3 applies and refines these tools through practical experiences in Frontrunner and Alliance Cases. This iterative and participatory process ensures that knowledge is grounded in real-world contexts and shaped by the needs and feedback of Citizen Observatories (COs). WP4 plays a central role in curating this knowledge, packaging it for dissemination, and supporting its integration into long-term resources.

Two key vehicles for making this knowledge accessible are the **CitiObs Cookbook** and the **CitiObs Knowledge Platform**. The Cookbook brings together the practical guidance, lessons, and tools generated across the project into a unified and user-friendly format. It is available on **GitBook** for easy navigation and ongoing updates. The Knowledge Platform (see D4.4) serves as a central entry point for users to explore these resources, access toolkits, and engage with multimedia content, ensuring long-term visibility and usability beyond the project timeline.

The multimedia materials produced in this deliverable contribute directly to these efforts. By documenting how the toolkits are applied in practice and capturing experiences from across more than 35 COs, the videos add a rich, narrative layer to the structured content of the Cookbook. They support different learning styles, help contextualize tools in real-world settings, and provide practical examples that can guide replication.

This integrated approach—combining structured toolkits, field-based learning, and multimedia storytelling—ensures that the knowledge developed in CitiObs is not only shared, but also understood, reused, and built upon by a wider audience within and beyond the project consortium.

2.1 Guidelines for generating multimedia materials

In CitiObs, multimedia content is not just a dissemination output—it is an essential tool to **translate knowledge, showcase practice, and foster replication**. Videos are designed to be informative and engaging by capturing real-world experiences from COs, and to support **capacity-building, peer learning, and policy influence**. To achieve this, we take a deliberate

approach to the design and production of multimedia materials, ensuring they convey practical content while remaining accessible, relatable, and visually engaging.

Each video is built upon the foundational work of the CitiObs toolkits, developed through cross-WP collaboration. WP1 and WP2 have co-designed the toolkits—covering areas such as environmental monitoring, participation dynamics, and citizen-led actions—with strong input from technical developers, social scientists, and community partners. WP3, through its mentoring and demonstration activities with Frontrunner and Alliance Cases, then validates and contextualizes these toolkits in real-world applications. This ensures that the videos present tested practices and grounded lessons, not hypothetical tools.

The multimedia materials are intentionally designed around three criteria:

1. **Relevance** – Content is drawn from live engagement with more than 35 COs and reflects their challenges and solutions.
2. **Clarity** – Videos are structured with short, focused segments and complemented by subtitles, summaries, or contextual explanations to help diverse audiences navigate the content.
3. **Longevity** – Each recording is curated for long-term use, archived on the CitiObs YouTube channel, and embedded in the Knowledge Platform and GitBook-based Cookbook, where it complements the broader repository of tools and methods.

In this section, we outline the **technical and ethical guidelines** that CitiObs partners follow to ensure that recorded workshop materials are of high quality and appropriate for public sharing. These guidelines help maintain consistency, ensure proper consent, and protect participants' privacy—while also contributing to the long-term credibility and usability of the project's outputs.

2.1.1 Before the event

1. Use CitiObs Branding

- a. Set your virtual background to the CitiObs-branded background.
- b. Use your full name and affiliation when entering the meeting.
- c. Hosts should also use the CitiObs templates and logo in slides or visual materials.

2. Obtain Consent

- a. At the start of the session, inform participants that the session will be recorded.
- b. Include this in the calendar invitation and workshop welcome slide.
- c. Emphasize that only the key parts of the session will be recorded, such as presentations and lessons learned. If possible, hands-on work, open discussions, and Q&A sessions will not be recorded to ensure participants can speak freely.
- d. Example of phrases to use:

“Please note this session is being recorded to share insights with a wider audience via our CitiObs YouTube channel. By staying in the meeting, you consent to being recorded. Feel free to keep your camera off or rename yourself if you prefer to remain anonymous.”

“Please note this session is being recorded to share key insights with a wider audience via our CitiObs YouTube channel. We aim to record only the main presentation and core content. Open discussions and hands-on work may not be recorded so that everyone can participate freely. By staying in the meeting, you consent to being recorded. Feel free to keep your camera off or rename yourself if you prefer to remain anonymous.”

3. Check Permissions for Materials

- a. Ensure that any presentations, images, or materials shared during the session are cleared for public dissemination.
- b. All images must comply with appropriate licenses (e.g., Creative Commons, copyright-free, or institutional use permissions). If in doubt, avoid using unlicensed content.
- c. If any AI-generated images are used, these must be clearly marked as such in the presentation or mentioned verbally.
- d. If any part of a presentation or demo should not be recorded or published, speakers must clearly indicate this to the host before or during the session so the recording can be paused or edited accordingly.

- e. Make sure that any presentations shared (e.g., case study slides) can be publicly disseminated. If not, ask speakers to clearly indicate what parts should be edited out of the final video.

2.1.2 During the event

4. Recording Settings

- a. Ask speakers to speak clearly and minimize background noise.
- b. Encourage using a headset or microphone if possible.
- c. Mute participants who are not speaking to reduce disruptions.

2.1.3 After the event

5. Edit the Video

- a. Trim introductions or private chat if needed.
- b. Add intro/outro slides with CitiObs logo, title of the session, and date.
- c. Include subtitles or summary text for accessibility.

6. Share and Archive

- a. Upload the final version to the CitiObs YouTube channel.
- b. Add a clear title and description (include speakers, topics, and relevant tags).
- c. Share the link with all participants and on CitiObs communication channels.

3. CITIOBS YOUTUBE CHANNEL

YouTube is a widely accessible platform that allows CitiObs to share dynamic and engaging content with a global audience. The [CitiObs YouTube channel](#) functions as the main **hosting platform** for our multimedia outputs, serving as the public entry point for videos related to project activities, tools, case studies, and workshops (see Figure 1). The channel currently features a growing collection of content, including project overviews, technical demonstrations, interviews with partners, and recordings of capacity-building webinars.

While publishing content alone does not ensure knowledge exchange, **we design our videos specifically to support learning and interaction**. Videos are structured to reflect real use cases from Frontrunner and Alliance Cases, highlighting practical insights, challenges, and solutions. Each video is also accompanied by clear titles, speaker references, and contextual descriptions to support discoverability. These design choices aim to foster reuse and encourage sharing within the broader community of Citizen Observatories, public authorities, and civil society actors working on environmental monitoring and citizen engagement.

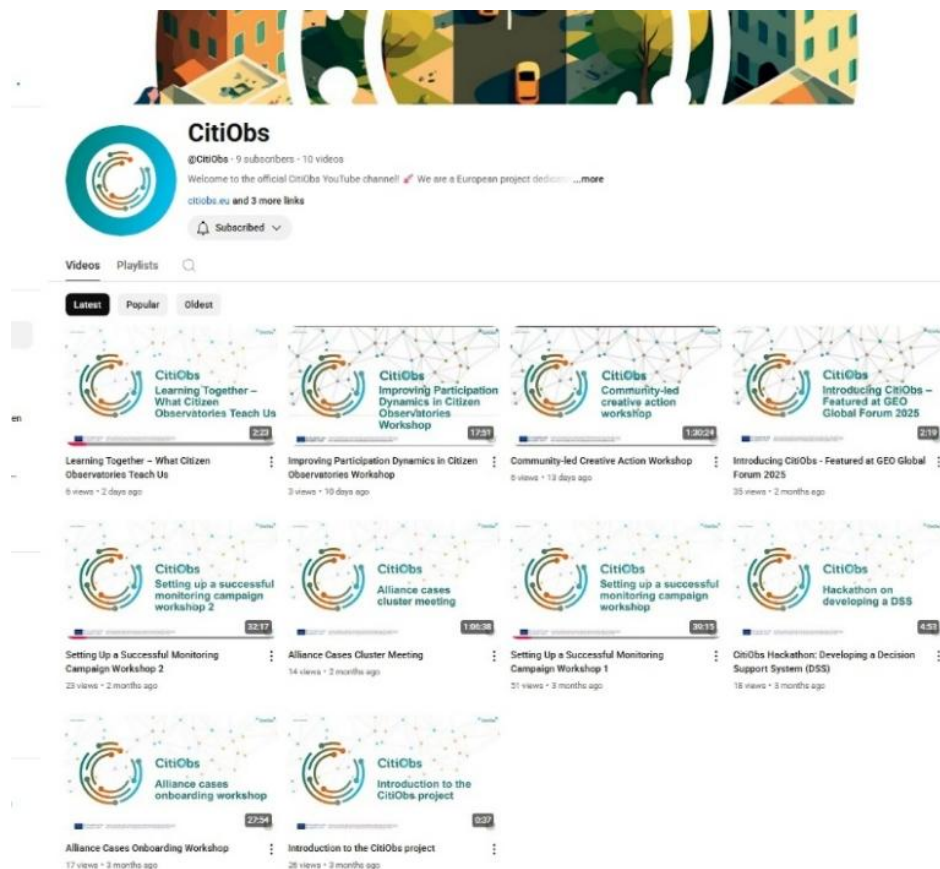


Figure 1. Screenshot of the CitiObs Youtube channel

3.1 Sharing from the YouTube channel

In addition to hosting content on the CitiObs YouTube channel, we also **embed all videos on the CitiObs website and Knowledge Platform** to ensure they are accessible in context alongside related resources such as toolkits, policy briefs, and case documentation. This integration allows users who are exploring specific aspects of the project—such as the Leave No One Behind Toolkit or the Decision Support System—to immediately access relevant visual materials that enrich understanding.

As illustrated in **Figure 2**, videos featured on the CitiObs website are linked to corresponding sections of the platform, improving visibility and coherence. This approach helps connect multimedia materials with the broader body of project knowledge and enhances the user journey by situating content in a relevant thematic or methodological context.

While the **YouTube channel remains the primary host**, the website and Knowledge Platform serve as structured gateways that enable targeted access, especially for users seeking specific tools or use cases. This dual approach supports **coherent messaging** by reinforcing CitiObs' core themes—such as inclusion, data quality, and actionability—across all communication formats and channels. Rather than branding alone, this messaging ensures that the values and priorities of CitiObs are reflected consistently in the materials users encounter.



Figure 2. Screenshot of the CitiObs website. This image shows the results section of the CitiObs website where project videos are featured

4. RESULTS: MEDIA MATERIALS

In the CitiObs project, we have developed a range of video materials to support communication, transparency, and knowledge sharing. First, some videos are designed to present the overall project concept and vision, offering a general introduction to CitiObs and its objectives. Second, we have created focused content that showcases specific elements of our work, such as project hackathons aimed at solving complex technical challenges and interviews with partners that highlight different perspectives and contributions. Third, we document workshops and webinars conducted with our frontrunner and alliance cases. These sessions capture practical insights, lessons learned, and shared experiences that can benefit a wider audience beyond the project itself.

Below, we describe the videos in three categories; Project Overview Videos, Thematic and Partner focused Videos, and Videos from Workshops and Webinars.

4.1 Project Overview Videos

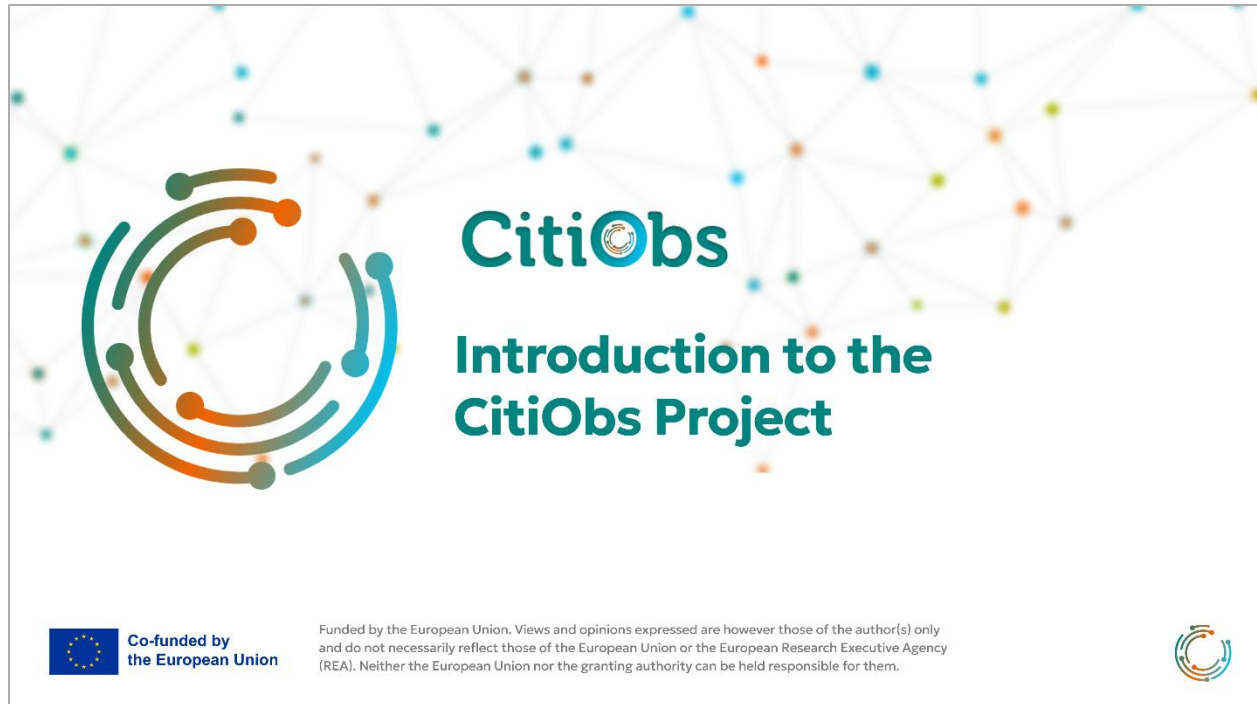
The videos below are aimed at presenting the CitiObs vision, objectives, and overall approach.

Introducing CitiObs – Project Vision and Ambitions

This introductory video was produced at the beginning of the CitiObs project to communicate its overarching vision and ambitions. It provides an accessible overview for external audiences unfamiliar with the initiative.

It features the project coordinator and work package leaders who outline CitiObs' core objectives: enhancing citizen observatories for environmental monitoring, improving data quality and usability, and strengthening engagement and policy impact.

As a dissemination tool, the video sets the tone for the project's communications, presenting a coherent narrative that connects its strategic direction with practical goals.



Video 1: Introduction to the CitiObs Project | Youtube Link: [HERE](#)

Introducing the CitiObs mission

This video was created for the EuroGeo Forum and presents CitiObs' mission through vivid imagery and real-life engagement scenes. It aims to inspire dialogue around citizen science and environmental action.

By combining scenes from the five Frontrunner Cases with visual storytelling and concise text overlays, the video showcases how CitiObs is rooted in people, place, and participation.

As a high-level dissemination material, it targets policymakers, researchers, and the general public, and acts as a gateway into the values and activities of the project.

This Introductory video about CitiObs created for the EuroGeo meeting in Rome, May, 2025, this video introduces the mission and vision of CitiObs through imagery from the five Frontrunner Cases cities (i.e., Athens, Barcelona, Dublin, Kristiansand, and Rotterdam).



Video 2: Fetured at GEO Global Forum 2025 | Youtube Link: [HERE](#)

4.2 Thematic and Partner-Focused Videos

The thematic and partner focused videos are aimed at showcasing the work within the CitiObs project, the motivation driving our partners, and the collaborative effort of CitiObs.

Developing the CitiObs Decision Support System (DSS): Insights from the Thessaloniki Hackathon

This video documents the co-creation process behind the CitiObs Decision Support System (DSS), developed during a four-day hackathon in Thessaloniki.

It features project partners working hands-on to integrate citizen-generated data into a map-based tool for decision-making and visualization.

The video demonstrates technical collaboration in action and serves as a learning tool for others developing civic tech with real-world impact.



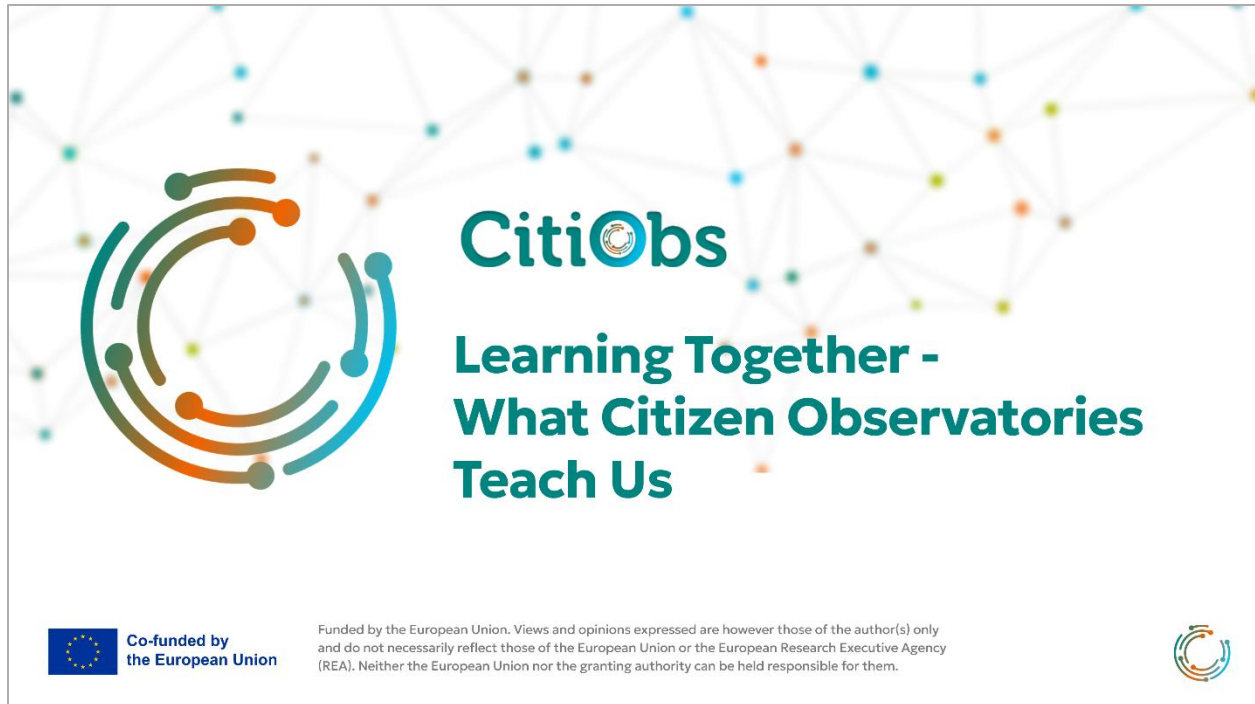
Video 3: Hackathon on Developing a DSS | Youtube Link: [HERE](#)

Learning Together – What Citizen Observatories Teach Us. Interview with the partner Hester Volten, RIVM

This interview with Hester Volten (RIVM) reflects on the role of Alliance Cases in sharing local knowledge and innovative practices within CitiObs.

It captures insights on peer learning and emphasizes the value of cooperation across different contexts and observatory experiences.

As dissemination material, the video helps other COs understand the power of networked learning and mutual support in scaling impact.



Video 4: What Citizen Observatories Teach Us | Youtube Link: [HERE](#)

Empowering Citizens Through Air Quality Monitoring. Interview with the partners David Riallant (AirSentinels), Philipp Schneider (NILU), and Antouela Bitsa (DRAXIS)

This video brings together voices from AirSentinels, NILU, and DRAXIS to explore how low-cost sensors and wearable technologies can enhance environmental monitoring.

Through practical examples, it shows how individuals and communities can collect, interpret, and use environmental data to influence local decisions.

The video demonstrates how technology, when designed inclusively, can empower communities and shift the balance of knowledge and action.



Video 5: Empowering Citizens Through Air Quality Monitoring | Youtube Linke: [HERE](#)

Policy Roundtable: CitiObs Tools and the New EU Air Quality Directive

Available soon on the CitiObs YouTube channel

This video captures highlights from the CitiObs Policy Roundtable, a strategic discussion bringing together policymakers to explore how CitiObs tools can support the implementation of the revised EU Air Quality Directive. With its emphasis on data quality, transparency, and citizen engagement, the new directive creates timely opportunities for integrating citizen-generated data into official monitoring frameworks.

As a dissemination material, the video aims to inform policymakers and public authorities about the practical value of these tools, foster dialogue, and build bridges between bottom-up initiatives and institutional frameworks.

Behind the Scenes: Smart Citizen Sensors at IAAC.

Available soon on the CitiObs YouTube channel.

This video, produced by IAAC, introduces viewers to the Smart Citizen Lab in Barcelona and showcases the development and deployment of Smart Citizen Sensors (low-cost, accessible tools designed to empower communities in environmental monitoring).

Through behind-the-scenes footage, hands-on demonstrations, and testimonials from the IAAC team, the video highlights the value of appropriate sensor selection and ease of use in ensuring data quality and inclusivity. This content is highly relevant to the CitiObs community, as it reinforces the importance of accessible tools in democratizing data collection and supporting evidence-based action at the local level.

As a dissemination media material, its primary objective is to demonstrate how simple, user-friendly technology can enable meaningful participation in citizen science.

Wearable Devices and Citizen Empowerment. Interview with partner David Riallant, AirSentinels

Available soon on the CitiObs YouTube channel.

This video explores the potential of wearable environmental monitoring devices in enhancing citizen participation and empowerment.

By highlighting how wearables enable individuals to collect real-time, personal exposure data, the video demonstrates how technology can bring science closer to people's daily lives. Through practical examples and interviews, it will show how these devices support greater awareness, engagement, and action, particularly among communities often underrepresented in traditional monitoring efforts.

As a dissemination material, the video underscores the role of wearables in democratizing data collection, offering citizens not only tools to observe but also agency to advocate for healthier environments.

4.3 Workshop and Webinar Recordings

The videos below are aimed at documenting the mentoring sessions with Fronrunner and Alliance cases.

Setting Up a Successful Monitoring Campaign

These two webinars walk viewers through the CitiObs Environmental Monitoring Toolkit, showing how COs can design and manage sensor-based air quality campaigns.

They include guidance on sensor selection, deployment, data validation, and visualization, supported by real examples from FRCs.

The videos serve as instructional content for emerging COs and can be used in training contexts to help others replicate effective monitoring strategies.



Video 6: Monitoring Campaign Workshop Part 1 | YouTube Link: [HERE](#)



Video 7: Monitoring Campaign Workshop Part 2 | YouTube Link: [HERE](#)

Leaving No One Behind

This webinar introduces the Leave No One Behind Toolkit, focusing on inclusion in citizen science practices.

It highlights strategies to identify and overcome barriers to participation, including language, technology, and social equity.

As a training and awareness-raising tool, this video promotes inclusive approaches and supports equity-centered design in CO initiatives.

No preview of the video available

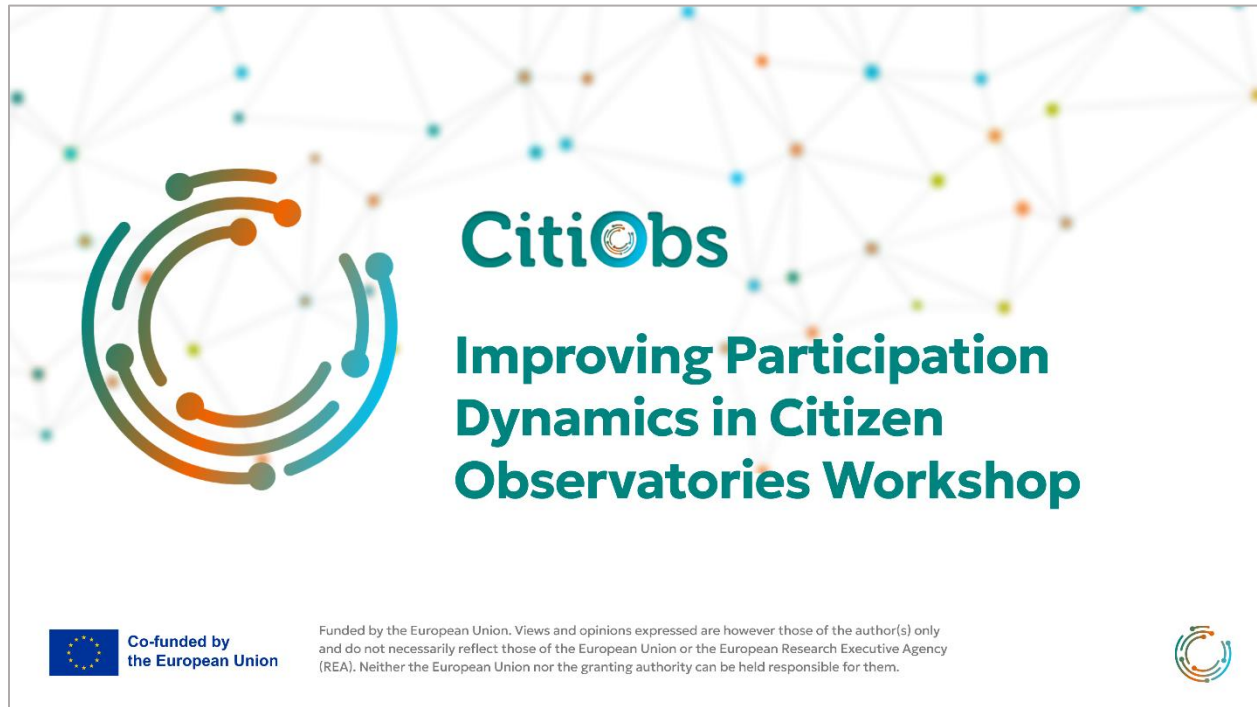
Video 8: LNOB Workshop | YouTube Link: [HERE](#)

Participation Dynamics in Citizen Observatories

This video covers the CitiObs Participation Toolkit, offering methods to foster and sustain community engagement across a CO lifecycle.

It presents tools and practices to build trust, maintain involvement, and establish effective citizen-decision-maker feedback loops.

The video is both a learning resource and a strategic guide for improving participation quality in diverse urban contexts.



Video 9: Participation Dynamics in Citizen Observatories Workshop | Youtube Linke: [HERE](#)

Citizen-Led Actions

This webinar showcases the CitiObs Citizen-Led Actions Toolkit, which helps COs turn local data into real-world interventions.

Examples include awareness campaigns, community mobilization, and policy engagement driven by citizen evidence.

As a dissemination tool, the video functions as a roadmap for COs aiming to move from data collection to meaningful action.



Video 10: Community-Led Creative Action Workshop | YouTube Link: [HERE](#)

5. CONCLUSIONS

The multimedia materials presented in this deliverable reflect CitiObs' commitment to empowering COs through accessible tools, inclusive engagement strategies, and collaborative learning. From user-friendly sensors and wearable devices to toolkits on inclusion, participation, and citizen-led action, each video serves not only as a dissemination product but also as a concrete tool for **capacity-building and peer learning**.

These videos are not developed in isolation—they are rooted in the ongoing work with Frontrunner and Alliance Cases and closely connected to the mentoring processes facilitated by WP3. Many materials emerged directly from real-life exchanges, workshops, and demonstrations where tools were tested, adapted, and reflected upon with local partners. By capturing and sharing these moments, the videos extend the reach of that co-learning process and make it accessible to others beyond the immediate sessions.

A key lesson from this process is the **power of storytelling and peer-to-peer exchange** in strengthening COs. The videos help translate complex concepts into relatable narratives and offer visual guidance on how CitiObs tools are applied in practice. These materials will continue to evolve as **living resources**—available via the CitiObs YouTube channel and embedded in the Knowledge Platform and Cookbook—to support training, replication, and advocacy. They are designed to inspire new initiatives while reinforcing and supporting ongoing efforts within the growing community of Citizen Observatories.