

MOBIDATALAB

Labs for prototyping future mobility data sharing solutions in the cloud

D6.5 Stakeholder Group Activities Report

01/02/2024

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Project partners

Organisation	Country	Abbreviation
POLIS - PROMOTION OF OPERATIONAL LINKS WITH INTEGRATED SERVICES	Belgium	POLIS
AKKODIS	France	AKKODIS
AETHON SYMVOULI MICHANIKI MONOPROSOPI IKE	Greece	AETHON
HOVE	France	HOVE
HERE GLOBAL B.V	Germany	HERE
F6S NETWORK IRELAND LIMITED	Ireland	F6S

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1.0	30/01/24	AKKODIS	Whole document	Final Version and Submission

Executive Summary

This document corresponds to Deliverable 6.5 Stakeholder Group Activity Report of Task 6.4 Multistakeholder Group Creation and Coordination, as part of WP6 Communication, Dissemination and Exploitation.

This report highlights the crucial role of the MobiDataLab Stakeholder Group in shaping and contributing to the project. It outlines the group's establishment, its functions, and diverse membership. A series of strategic activities, including workshops and webinars, engaged the group, fostering valuable insights and collaborations throughout the project. Challenges faced during the group's formation were effectively managed. The document underscores the significant contribution of the Reference Group cities in defining MobiDataLab's use cases and challenges. Finally, the report also discusses the Stakeholder Group's active participation in consultation processes, emphasizing its integral role in shaping the project's trajectory.

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Abbreviations and acronyms

Abbreviation	Meaning
CET	Central European Time
EU	European Union
GDPR	General Data Protection Regulation
PU	Public
QC	Quality Check
RG	Reference Group
WP	Work Package

1. Introduction

1.1. About MobiDataLab

There has been an explosion of mobility services and data sharing in recent years. Building on this, the EU-funded MobiDataLab project works to foster the sharing of data amongst transport authorities, operators, and other mobility stakeholders in Europe. MobiDataLab develops knowledge as well as a cloud solution aimed at easing the sharing of data. Specifically, the project is based on a continuous co-development of knowledge and technical solutions. It collects and analyses the advice and recommendations of experts and supporting cities, regions, clusters, and associations. These actions are assisted by the incremental construction of a cross-thematic knowledge base and a cloud-based service platform, which will improve access and usage of data sharing resources. Lorem ipsum

1.2. Purpose of this deliverable

This deliverable aims to provide a clear introduction and overview of the MobiDataLab Stakeholder Group, which was established in April 2021 (M4) and remained active until the project's conclusion. This report provides a summary of the group's meetings and consultation activities spanning the entirety of MobiDataLab's three-year duration.

1.3. Intended audience and review process

This deliverable is designated as having a "public" (PU) dissemination level, making it primarily intended for the general public to enhance their understanding of MobiDataLab's interactions with external stakeholders. The management of the stakeholder group and the development of this deliverable were overseen by the POLIS Network. They received support from AKKODIS, AETHON, F6S, HERE, and HOVE in organizing events and activities for the stakeholder group, as well as in the development of this report.

1.4. Structure of this deliverable and its relation to other deliverables and work packages

This document builds upon the initial briefing collaboratively written by the task partners in May 2021, which defined the terms of reference for the MobiDataLab stakeholder group. This report provides a comprehensive overview of the group's establishment process, outlines its functions, presents the participation roadmap and includes a detailed list of group members.

Following this, the document meticulously lists and summarizes all group and bilateral meetings along with a brief account of consultation processes involving stakeholder group members.

This deliverable is closely linked to the efforts in WP2 (D2.9, D2.10 - Definition of use cases), WP3 (D3.1 - Actor's Cooperation Framework), and WP5 (Living Labs Execution). Additionally, the document highlights presentations from other tasks and WPs to the stakeholder group for validation, as made evident in the Year 1 and Year 2 Workshop descriptions. Notably, the stakeholder group played a horizontal support role for MobiDataLab.

2. Approach to the MobiDataLab Stakeholder Group

2.1. Setting up the Stakeholder Group

MobiDataLab adopted a comprehensive approach to stakeholder engagement, seeking input from a diverse range of entities, with a primary focus on public authorities. The objective was to gather valuable insights throughout the project lifecycle on use cases, needs, challenges, opportunities, and other pertinent issues related to data sharing.

The stakeholder group, integral to the project's success, remained open-ended, allowing for ongoing participation. Initial members were identified through entities that provided Letters of Support during the proposal development stage. Furthermore, additional members, especially from public authorities, were strategically recruited by project partners during the course of the project.

Join the MobiDataLab Reference Group!

MobiDataLab is an EU-funded Horizon 2020 lab for prototyping new mobility data sharing solutions. The aim of the project is to foster data sharing in the transport sector, providing mobility organising authorities with recommendations on how to improve the value of their data, contributing to the development of open tools in the cloud, and organising hackathons aiming to find innovative solutions to concrete mobility problems.

MobiDataLab is establishing a Reference Group that will consist of relevant mobility stakeholders. This group is designed to help co-create, explore, experiment, and evaluate the Transport Cloud. Specifically, the MobiDataLab Reference Group will have to:

- Provide challenges corresponding to concrete mobility problems (September 2022): These typical problems are related to parking, public transport, road traffic, new mobility, etc. (e.g. accessibility to large events (sport, concerts, other) or touristic areas, accessibility to critical infrastructures (hospitals), etc).
- Participate to the Living Labs: These challenges will then be proposed to a community of innovators and data users, involved in dedicated hackathons/datathons. Reference Group members will participate in co-creation activities, providing challenges and answering participants' questions. These living labs will take place during the year 2023.

Do you have questions?

Contact Laura Babio (lbabio@polisnetwork.eu) and Suzanne Hoadley (shoadley@polisnetwork.eu)

Figure 1 Snapshot from the Stakeholder Group application form

To enhance outreach, an open call was launched on the MobiDataLab website and across social media platforms in February 2021. All project partners actively propagated this information through their respective organizational channels, with POLIS taking on a crucial role in recruiting public authorities from its extensive network. The application process, facilitated through a Google form, sought details about the organization type, expectations, and motivations to join the MobiDataLab Stakeholder Group.

For internal management of the group, a distinction was made between the reference group of cities and the wider stakeholder group. Notably, for external participants, no distinction was made between the two to prevent any potential confusion – see part 2.2 for further details on this distinction.

The application window remained open for one month, concluding in March 2021 and resulting in the identification of a carefully selected group of stakeholders. These individuals were then formally invited to the kick-off meeting scheduled in April 2021. During this initial gathering, it became evident that members required additional information to fully comprehend and actively engage in the project. Consequently, a decision was made to develop a MobiDataLab briefing, outlining the group's terms of reference, along with a participation roadmap and an activity plan.



Figure 2 Extracts from the MobiDataLab briefing

2.2. The Stakeholder Group members

The MobiDataLab Stakeholder Group comprises a diverse and esteemed ensemble of entities, each contributing unique perspectives and expertise. These carefully selected members represent a broad spectrum of organizations actively engaged in shaping the future of mobility.

The inclusion of international collaborations, local authorities, transportation technology providers, micro-mobility operators, municipal companies, public transportation agencies, and mobility associations enriches the collective insight into the challenges and opportunities of data sharing. The collaborative efforts of these stakeholders played a pivotal role in the success of the MobiDataLab project.

Table 1 Initial members of the MobiDataLab Stakeholder Group

Name of the City/Organization	Type of Organization
Benelux/NRW living lab for MaaS	International collaboration including local authorities, operator and agency
Cubic Transportation Systems	Transportation Technology Provider
City Hall of Timisoara	Local Authority

Municipality of Eindhoven	Local Authority
Leuven	Local Authority
Promálaga	Local Authority
Municipality IX EUR of the City of Rome	Local Authority
Rome Mobility Agency	Local Authority
TIER Mobility	Micro-mobility operator
Nahverkehrsgesellschaft Baden-Württemberg mbH (- Mobility agency for the state of Baden-Württemberg)	Mobility agency
New York State Department of Transportation	Transport Authority
e-trikala SA	Municipal Company
Hamburger Hochbahn AG	Public Transportation Company
AMAT Milano	Public mobility Agency
Nouvelle Aquitaine mobilités	Association of local public transport authorities
City of Paris	Local Authority

2.2.1. The Reference Group of Public Authorities

Throughout the project, the broader stakeholder group actively took part in workshops, consultations and webinars, bringing in valuable insights. A special subset of this group, known as the 'Reference Group,' included key public authorities, playing a crucial role in the smooth organization of the living labs and significantly contributing to the project's success.

While this group remained open, four public authorities—Leuven, AMAT Milan, City of Eindhoven and the City of Paris—stood out due to their strong commitment and willingness to collaborate, earning them key roles in the project.

2.3. The Stakeholder Group Functions

The stakeholder group's involvement was structured to ensure focused and effective contributions, aligning with specific project objectives. Three main functions were established:

- **Provide Concrete Mobility Challenges:** Articulate challenges corresponding to tangible mobility problems that can be addressed through data analysis, visualization, and enrichment. These challenges may encompass areas like parking, public transport, road traffic, new mobility, etc. Examples include accessibility to large events, touristic areas, or critical infrastructures like hospitals.
- **Participate in Living Labs:** Engage actively in Living Labs, where identified challenges are presented to a community of innovators and data users through the datathon, hackathon and codagon. Reference group members played a pivotal role in co-creation activities, presenting challenges, and providing insights during dedicated sessions. These Living Labs took place throughout the year 2023.
- **Validate Project Results and Offer Customized Feedback:** Validate project outcomes and offer personalized feedback based on the stakeholder group's expertise and insights. This iterative process ensures that the project results respond to practical needs and expectations of key stakeholders.

The Group's engagement unfolded across a structured three-year participation roadmap. In Year 1, a workshop in Autumn 2021 focused on validating project results, covering actor needs, cooperation frameworks, survey outcomes, market analysis, preliminary use cases, and validated datasets collected in the MobiDataLab data catalogue first version. Year 2 centred on preparing for the upcoming Living Labs in 2023, with Reference Group members contributing mobility challenges and engaging in a technical workshop to identify and validate corresponding datasets. Finally, in Year 3, the focus shifted to executing the Living Labs, where Reference Group members actively participated in sessions alongside the innovators who presented solutions to their challenges. The Reference Group members contributed to the lab's operations, defining use cases and challenges, and partaking in evaluation surveys.

2.4. Challenges encountered

The engagement of stakeholders presented its set of challenges.

As the group's terms of reference were being developed, it became apparent that MobiDataLab required a variety of stakeholders to support its diverse tasks. Beyond that, considering MobiDataLab's technological and innovative focus, stakeholders needed expertise in the domain of data and digitalization in urban mobility. However, within the realm of international research, public authorities often have specific departments managing their involvement in external projects, sometimes with staff dedicated to particular themes (e.g., data and digitalization), but often with more general expertise. Some applicants from public authorities could not contribute without support from more expert colleagues who were unable to participate due to language barriers or time constraints. This hindered engagement with a few members during the definition of the transport cloud use cases and challenges for the living lab. Nevertheless, the project successfully identified expert members who became the Reference Group of cities- Leuven, AMAT Milan, Paris, and Eindhoven- which successfully contributed to the use case and challenge definition.

Engaging stakeholders in online workshops for feedback and result validation posed difficulties, partly due to the innovative nature of the project. COVID-19-related reluctance to travel during the initial two years led to a digital setting, which also did not facilitate engagement with the group members. Considering this, relevant documents for validation were always shared via email to streamline feedback collection. In the final project year, collaboration with Reference Group cities improved by participating in on-site events.

Another challenge pertained to changes in personnel among stakeholder group applicants, leading to a lack of internal coordination when individuals changed positions or left the organization. Several contacts collected during the initial application process became inactive after the first project year due to this issue. Multiple emails were sent asking for new contacts without success. This primarily impacted consultation processes, making it challenging to contact other external stakeholders without formalizing their inclusion in the Stakeholder Group.

3. The Stakeholder Group Meetings

3.1. Kick-off Meeting (April 2021)

The kick-off meeting for the Stakeholder Group took place on April 27th, 2021, providing a dedicated forum for reference group members to gain a comprehensive understanding of the project and clarify their roles. AKKODIS did a project presentation and POLIS presented an introduction to the stakeholder group. Throughout the meeting, reference group members were invited to introduce themselves, elaborate on their work, and share their perspectives on how they envisioned contributing to the project. With 11 members of the Stakeholder Group in attendance, the meeting lasted for approximately 1 hour.

However, during this initial session, the members faced challenges in grasping the intricacies of the project, understanding their potential contributions, and discerning the benefits of their involvement. Consequently, an internal decision was made to collaboratively develop a briefing that would serve as guidance for members and establish the final terms of reference for the group. This comprehensive document, spanning 7 pages, included an overview of the project (its aim, key stakeholders, purpose, approach, and anticipated outcomes), the Stakeholder Group participation roadmap, and an activity plan.

Table 2 Activity plan proposed after the Kick-Off Meeting

Type of Activity	Location	Period (subject to changes)	Aim
Results Validation Workshop	Virtual	Autumn 2021	To validate MobiDataLab Results WP2 and WP3 To review datasets
Technical workshop + interviews (tbd)	Virtual/Brussels (tbc)	Autumn 2022	To prepare challenges for living labs
Datathon	tbd	2023	To participate in co-creation activities, providing challenges and answering participants' questions.
Hackathon	tbd	2023	To participate in co-creation activities, providing challenges and answering participants' questions.
Codagon	tbd	2023	To participate in co-creation activities, providing challenges and answering participants' questions.

3.2. Year 1 Workshop (November 2021)

The year 1 validation workshop took place on November 16th 2021, virtually.

The aim of this workshop was to present and validate the first project results and to gather feedback from the different stakeholders regarding the Transport Cloud use cases and the data catalogue.

The agenda was as follows:

- 14:30-14:40: Welcome and Introduction
 - Brief welcome to all participants
 - Explanation of workshop objectives and expected contributions
 - Quick MobiDataLab refresher
 - Overview of the RG Participation Roadmap

Speaker: Laura Babío Somoza, POLIS Network

- 14:40-15:00: Project Findings Year 1
 - 14:40-14:50: What is the status of the mobility data sharing market?
 - Presentation of Task 3.2 'Market analysis: data sharing products and services with the highest impact' objectives and challenges addressed
 - Tools used for challenges (desk research, interviews, etc.)
 - Main results and key findings on market analysis

Speaker: Louis-David Benyayer, HOVE

- 14:50-15:00: Who are the relevant actors for mobility data sharing, what are their needs and how can they cooperate?
- Presentation of Task 3.1 'Actors' needs and cooperation framework' objectives and challenges addressed
- Tools used for challenges (surveys to experts and non-experts)
- Main survey results and key findings on impacts of data sharing in transports

Speaker: Stella Noutsou, AETHON

- 15:00-15:10: How to enable data sharing while respecting data protection and privacy principles?
 - Short overview of GDPR data protection obligations
 - Presentation of Task 2.2 'Data Privacy Requirements' objectives and challenges addressed
 - Main results and key findings on privacy-by-design strategies, privacy risk assessment tools, and privacy-preserving technologies

Speakers: Aliko Benmayor, KU Leuven; Alberto Blanco Justica, Universitat Rovira i Virgili

- 15:10-15:30: Q&A
 - Interactive session for participant questions and discussions

- 15:30-16:55: Interactive Session - Use Cases, Challenges, and Data Sets
 - 15:30-15:40: Introduction
 - Explanation of the relationship between use cases, challenges, and data sets

Speaker: Thierry Chevallier, AKKODIS

- 15:40-15:55: Preliminary Use Cases
- Brief presentation of the preliminary data sharing use cases identified and selected by the project *Speaker: Johannes Lauer, HERE*
- 15:55-16:15: Discussion
- Gather feedback on the selected use cases
- Initial exploration of challenges in relation to the use cases
- 16:15-17:00: Data Sets Validation
- Presentation of the identified data sets
- Validation by the affected RG members

Speaker: Thierry Chevallier, AKKODIS

- 17:00: Next Steps
 - Activity plan for 2022
 - Follow-up instructions

Speaker: Laura Babío Somoza, POLIS

Market analysis: data sharing products and services with the highest impact

Task Leader: KISIO
Participants: HERE, ICOOR
Status: Closed (M1-M6)

PERSONAL MOBILITY DATA
CHARACTERISTICS, RISKS AND ATTACKS

UNIQUE

- Data of different individuals is differentiable, particularly at some specific locations.
- The starting and ending points of trajectories are often home and work locations.
- Studies show that user full trajectories can be recovered with knowledge of only two locations.

REGULAR

- Trajectories of single individuals follow periodic patterns.
- For example, individuals tend to follow the same trajectories during workdays—home to work and back to home.

Linking attacks

Reidentification attacks

Reconstruction attacks

Inference attacks

November 16, 2021 How to enable data sharing while respecting data protection and privacy principles?

Figure 3 Captures from the Year 1 Workshop Presentations in November 2021

3.3. Data Catalogue Workshop (April 2022)

The Year 2 workshop was conducted on April 24th, 2022, virtually. The primary objectives of this workshop were to provide the stakeholder group with updates on project progress and initiate the formulation of Living Lab challenges.

While the meeting achieved its goal of reviewing the data catalogue successfully, collaborative challenge preparation presented difficulties due to the unique characteristics of each city member.

As a result, an approach centered on bilateral workshops was adopted to address the specific needs and nuances of individual cities more effectively.

The agenda of the meeting was as follows:

- 16:00-16:20 Welcome and Introduction
 - Welcoming participants
 - Brief introduction round
 - Overview of workshop objectives and agenda
 - Reminder of RG Roadmap and expected contributions
 - Reference to MDL Actors' Needs deliverable
 - Quick discussion on local mobility challenges benefiting from data sharing

Speakers: Manon Coyne, POLIS Network & Anna Kontini, AETHON

- Progress on the Data Catalogue
 - 16:20-16:30 Data Catalogue Approach
 - Objectives of the data catalogue
 - Considered cataloguing solutions
 - Introduction to the demo

Speakers: Thierry Chevalier, AKKODIS & Didier De Ryck, HOVE

- 16:30-16:45 Demonstration of Mobility Data Collected
 - Showcase of Data Catalogue content
 - Insights into data collection challenges

Speaker: Huy Minh Nguyen, HERE

- 16:45-17:05 Exchange on Data Collection
 - Feedback on collected data sets
 - Discussion on data collection challenges
 - Identification of key missing data sets

Moderated by Johannes Lauer, HERE

- Demonstration of Services Exploiting Shared Data
 - 17:05-17:20 Demonstration of Navitia
 - Context of Navitia development
 - Live demonstration of Navitia services
 - Discussion on challenges in developing Navitia services

Speaker: Didier De Ryck, HOVE

- 17:20-17:40 Exchange on Services Exploiting Data Sharing
 - Feedback on developed services
 - Discussion on challenges providing these services
 - Identification of key missing services

Moderated by Imran Hossain/Johannes Lauer, HERE

- 17:40-17:55 Demonstration of Data Anonymization Services
 - Introduction to the importance of this service
 - Live demonstration of the anonymization service
 - Discussion on challenges in service development

Speakers: Alberto Blanco Justicia/Jesus A. Manjon Paniagua, URV

- Preparation for Next Meeting
 - 17:55-18:00 Wrap up & Next Steps
 - Summary of Data Catalogue & Services potential, with improvements to consider
 - Follow-up on mobility challenges & living labs preparation

Speaker: Thierry Chevallier, AKKODIS

Figure 4 Captures from the Data Catalogue Workshop in April 2022



3.4. Stakeholder Group and Reference Group Bilateral workshops (June 2022 – October 2023)

A series of individual meetings were conducted with stakeholders willing to contribute their valuable insights for the development of the Transport Cloud use cases and challenges for the Living Labs. These took place between June 2022 to July 2023.

First, dedicated workshops were organized with CUBIC and the Benelux MaaS Living Lab representatives in the summer of 2022, focusing on refining the MaaS use case and its associated Living Lab challenge.

Subsequent meetings with Leuven, Eindhoven, Rome, and AMAT Milano aimed to define concrete local challenges to present in the Living Labs, with Rome withdrawing from the process due to capacity constraints.

Only the remaining three cities presented local challenges during the Datathon.

To facilitate the use case review and challenge definition, these meetings adhered to an established structure:

- Brief presentation of the MobiDataLab approach and main outcomes
- Overview and plan of the Living Labs
- Overview of the Transport Cloud use cases
- Presentation of a challenge example from a previous Hackathon
- Joint brainstorming to align local mobility problems with the Transport Cloud use cases.

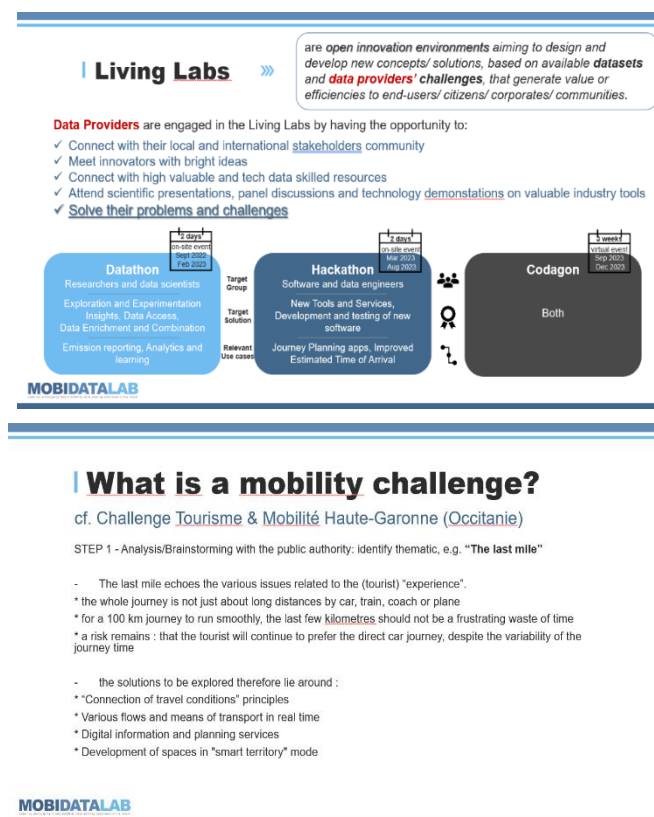


Figure 5 Slides used in the bilateral workshops focused on the local challenge definition

Post-Datathon and in preparation for the Hackathon in Paris, the city of Paris joined efforts to develop a challenge to be presented in both the Hackathon and the Codagon. Follow-up meetings were conducted with the four cities in the summer of 2023 to refine their challenges based on feedback and solutions received during the Datathon.

A final workshop was held with AMAT Milano during the MobiDataLab General Assembly in Reggio Emilia in October 2023. During the workshop, project partners worked together with AMAT to finalize their challenge for the Codagon, reworking it based on the feedback received and the solution expected by the public authority.

The input gathered during these bilateral workshops played a pivotal role in further defining the Transport Cloud use cases and proved essential to the successful execution of the Living Labs.

3.5. MobiDataLab webinars (December 2021 – February 2024)

Throughout the project timeline, in addition to workshops, stakeholders were invited to participate in a series of informative webinars organized by MobiDataLab. These webinars, totalling three sessions held at key milestones, provided a platform for comprehensive project updates delivered by project partners. A fourth webinar is scheduled for February 2024, continuing the work of the final event and building upon the results presented. This upcoming webinar will extend the reach of our findings to a broader audience, facilitating knowledge dissemination and fostering inclusive dialogue surrounding MobiDataLab's impactful final results.

- The MobiDataLab 1st Webinar was organised by F6S on 25th November 2021, between 9am and 11am CET/Brussels Time, under the title “Fostering a data sharing culture for a better mobility in Europe – MobiDataLab’s 1st Webinar”.
- The second MobiDataLab webinar took place on November 22nd 2022, organized by F6S, and focused on “Methodologies and Data-based Technology Solutions for Improved European Mobility”.
- The MobiDataLab 3rd webinar: “Exploring new frontiers of mobility data sharing” was organised by F6S on March 22nd 2023.
- The final MobiDataLab webinar “Data-Driven Horizons: MobiDataLab’s Final Showcase” is planned for February 2024 and is organized jointly by F6S, POLIS and AKKODIS.

3.6. MobiDataLab Living Lab Instances and Final Event (May 2023 – November 2023)

In the final year of the project, stakeholders were actively engaged in the execution of the Living Labs. The Reference Group of cities played a pivotal role by presenting their challenges during the Living Lab instances and participating on-site to network with and coach participants. However, due to scheduling conflicts, Reference Group members could only partially attend the Datathon in Berlin, opting for exclusively online participation. In anticipation of this, members prepared insightful short videos that served as valuable guidance throughout the event. The Hackathon in Paris saw representatives from Leuven, AMAT Milan, and the city of Paris introducing their challenges and engaging in Q&A sessions with participants on-site and online. Once again, Eindhoven opted for a pre-prepared video due to time constraints. Throughout the 3-week-long Codagon, all Reference Group members actively participated in various Codagon webinars, including Q&A and pitching sessions. Representatives from Eindhoven and Leuven joined participants onsite during the final awards ceremony in Leuven, while AMAT Milano and Paris contributed virtually.



Figure 6 Captures from the videos sent by the Reference Group members to present in the Introductory session of the Datathon

Stakeholder participation in the Living Labs extended beyond presenting challenges, as many group members served as jury members at the events.

To further foster successful collaboration, stakeholders were also invited to contribute opinion articles, aiding in the promotion of the Living Labs.

All stakeholder members were welcomed to the MobiDataLab project Final Conference held in Leuven in November 2023.

A dedicated session during the conference provided an opportunity for various stakeholders involved in the project to share their experiences and discuss the opportunities presented by MobiDataLab.

4. Consultation activities

4.1. The Actor's Cooperation Framework

The deliverable D3.1, titled "Actors' Needs and Cooperation Framework Report," aimed to identify key actors involved in data sharing or whose participation in such activities would enhance their service delivery, operational optimization, or the expansion of services to users and citizens. In the context of T3.1, AETHON conducted a Delphi survey to gather industry knowledge from experts and obtain insights into data sharing challenges and actors' needs. Stakeholder group members were invited to actively participate in this process.

The Delphi survey conducted in T3.1 comprised three distinct rounds: (i) a brainstorming round where respondents provided open-ended answers, (ii) a narrowing-down stage where respondents selected the most relevant elements from the previous stage, and (iii) a rating stage where respondents assigned ratings to the shortlisted elements. Each round utilized a specific questionnaire, and the primary research question was centered around identifying a sustainable cooperation framework for Living Labs and/or the Virtual Lab. Supporting research questions included inquiries about actors interested in data sharing, the data they can provide, and the data they require access to.

Although all members of the stakeholder group were invited to participate, determining their exact response rate proved challenging due to additional stakeholders invited through partners' networks. The Delphi Survey panelists represented diverse backgrounds and varying years of experience. Out of the 98 experts invited, 50 participants completed Round 1 (51% response rate), 29 of 50 completed Round 2 (58% response rate), and 20 of 29 completed Round 3 (68.9% response rate).

The outcomes of this survey can be found in D3.1 and were presented to stakeholder group members during the year 1 workshop.

4.2. Measurement of the Data Exchange Culture

As outlined in D5.2 and as part of the work done in that task, ICOOR conducted an analysis of the data exchange culture to gain insights into the experiences of various organizations regarding data sharing. Utilizing the framework developed in D3.5, the interviews with multiple stakeholders aimed to capture perspectives on data-sharing practices within and among both public and private organizations.

The primary objectives were to comprehend the concept of data quality, evaluate the social and environmental impact of the data-sharing culture, and gauge the experiences of members within the stakeholder group.

To ensure a comprehensive analysis, members of the stakeholder group were invited to participate in interviews. Several accepted, contributing significantly to the execution of this assessment. The complete list of interviewed stakeholders, extending beyond the formalized MobiDataLab Stakeholder Group, is available in Table 4 of D5.2, titled "Report on Quantification and Measurement of Data."

The outcomes of this analysis hold relevance for various stakeholders, including MobiDataLab partners and the individuals interviewed. The findings on data sharing and its potential impact at both organizational and societal levels are of significant interest to all parties involved in the interviews, fostering a collective understanding of the implications of data-sharing practices.

5. Conclusions

This report outlines the essential role and contributions of the MobiDataLab stakeholder group throughout the project. As analysed above, the stakeholder group emerged as a central element, actively supporting initiatives across all Work Packages and playing a vital role in the successful execution of the Living Labs.

Established in M4 of the project, the Stakeholder Group remained active until M36, with meetings spanning the entire three-year duration. The group's involvement primarily encompassed workshops, bilateral meetings, and written consultations. Notably, a subset of the group, known as the Reference Group cities, assumed a more significant role in shaping MobiDataLab's use cases and challenges.

Effectively managing and coordinating the group presented challenges, including identifying pertinent contacts for specific tasks and sustaining engagement on innovative and technical topics. Nonetheless, the MobiDataLab project partners adeptly navigated these challenges, orchestrating the group's contributions throughout the project lifecycle successfully.

| **MobiDataLab consortium**

The consortium of MobiDataLab consists of 10 partners with multidisciplinary and complementary competencies. This includes leading universities, networks and industry sector specialists.



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