



## URBANITE

**Supporting the decision-making in urban transformation with  
the use of disruptive technologies**

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### Deliverable D7.5

### Dissemination, Communication and Networking Report V3

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<b>Abstract:</b>	This deliverable explains the dissemination and communication activities followed during the third year of the project as well as the results from these activities. This report also contains the relevant activities executed to foster a close collaboration with projects related to URBANITE.
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## Terms and abbreviations

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AI	Artificial Intelligence
BDVA	Big Data Value Association
EBDVF	European Big Data Value Forum
EC	European Commission
EU	European Union
FIWARE	Future Internet Ware
H2020	Horizon 2020
ICT	Information and Communication Technology
IS2020	Information Society 2020
KPI	Key Performance Indicator
PA	Public Administration
SoPoLab	Social Policy Lab



## Executive Summary

This deliverable describes the dissemination, networking and communication activities that were executed following the strategy represented in D7.2 and adopted in the previous version of this document during the third reporting period of the project (M25-M39). The report also includes the plans for further dissemination, networking, and communication activities that are agreed in the letter of intent signed by all consortium partners.

The deliverable D7.5 reports on the project URBANITE by providing a summary of the activities of dissemination, communication, and networking. For the success of the project these activities are of great importance to reach a wide audience in the scientific, business, and public. The activities performed in this last reporting period of the project are specifically important to present the results of the project, including outcomes, knowledge gained, and lessons learned. Furthermore, since local residents and their communities are directly affected and involved in the project it is crucial to engage and document these activities.

The document is composed of several sections, first dedicated to monitoring the progress of activities, second to dissemination, third to communication and fourth to networking. While the first section briefly covers the monitoring process, the rest list and detail the executed actions, their assessment, and the plan for any possible activities after the end of the project.

The most pertinent information in the deliverable are the listings of the activities that were performed in this period of the project URBANITE. This information helps us to understand the status of the dissemination, communication, and networking activities and how we performed relative to the plan. We report the KPIs related to these activities and the target values. Finally, this deliverable explains the final results according to the project's dissemination, communication, and networking plans.

# 1 Introduction

The foundational strategy and planning for the processes of dissemination, communication, and networking for the URBANITE projects are described in the deliverable D7.2 [2], and the outcomes for the first and second reporting periods (year 1 and year 2 of the project, respectively) were reported on in the deliverables D7.3 [3] and D7.4 [4]. The aim of the periodical reporting is to document the activities as they are taking place during the lifespan of the project, follow the progress towards reaching desired KPIs and continuous planning of further activities. Closely monitoring the implementation of the strategy is important to ensure the success of the project and its outreach, as mentioned in D7.2. The visibility of the project, its results and outcomes, knowledge gained, and lessons learned are important from scientific, technical, and social point of view, as well as communication with the relevant stakeholders and the directly affected communities in the pilot cities. At the same time establishing and nurturing collaboration with other related projects and initiatives is important for creating new opportunities to further develop the knowledge and other gains and provide a basis on which future work can be built.

## 1.1 About this deliverable

The main part of this document is an overview of the dissemination, communication, and networking activities performed by the URBANITE project partners during the last reporting period, from April 2022 to June 2023. For each of the separate aspects, those being dissemination, communication and networking, the report reviews the objectives and provides a short recap of the relevant elements of D7.2 for the purposes of coherence with related documents. An overview of the performed actions and their results are provided for each of the aspects. Thus, the activities are monitored in relation to planned activities and evaluated.

During the first year, the activities in question started, progressed during the second year and have continued to the end of the project, while the future activities agreed in the letter of intent for the creation of the “URBANITE ALLIANCE”, are planned for after the project ends.

This deliverable is the result of collaboration with all of the project partners, in performing the activities, pursuing the end goals of these processes, and reporting on the work.

## 1.2 Document structure

The first chapter, *Introduction*, provides a brief summary of this deliverable, together with the structure of the present document.

The second chapter, *Monitoring project's evolution*, describes the method selected to present the monitoring and supporting tools used to keep track of project's progress in the areas of communication and dissemination.

The third chapter, *Dissemination activities*, briefs the dissemination plan according to the D7.2, first the objectives in the context of the project are outlined, and the topics previously elaborated in deliverables D7.3 and D7.4 are summarised to keep the flow of D7.4 clear. The rest of the chapter is broken down into executed activities, results, and the implementation of dissemination material. The actions elaborated and their results are assessed and evaluated, and future plans are presented.

The fourth chapter, *Communication activities*, summarises the main aspects of the communication plan. It is followed by executed actions and results, which are again broken

down into executed actions and results and communication materials, and an assessment and evaluation of the KPIs.

The fifth chapter, *Networking activities*, describes the objectives, target projects and groups, followed by executed action and results per target group and networking initiatives, their assessment and evaluation, finalised with updates and modifications.

Finally, the document ends with the conclusions that summarise the evaluation results.

The Annex includes further detailed information on two dissemination tools, those being the URBANITE newsletter.

## 2 Monitoring project's evolution

Dissemination and communication are of crucial importance because they serve as the asset to present and report the developments, events, happenings, and progress achieved in the project to the different project stakeholders. The feedback gathered and engagement can be used as an indication of which different activities should be focused on so as to increase the awareness of the project activities and results.

In a complex research project such as URBANITE, where multiple partners and stakeholders are scattered around the world, continuous reporting of the activity is one of the key activities. Identified audiences and stakeholders are easier to reach because the reporting allows it to effectively and quickly steer dissemination and communication activities. Among those reporting tools, the following ones stand out:

- The **Dissemination Monthly Report's** aim is to collect the partners' activities in dissemination, such as scientific publications, general and business publications, events and blog posts. This task is performed every month. The report is prepared with support of an excel file, including the following information: publications- accepted / not yet accepted, general & business publication (announced/reported once published), collaboration & cooperation activities, press releases published by means of communication such as newspaper, conferences or specialised magazines, other activities (announced/reported once done) as keynotes, hackathon, prizes, and blog posts.
- The **Social Network booster** is a tool created with the goal of improving social network activities. It does so in a way by developing a communication plan. It considers the expertise, knowledge and networks of all partners.

The spreadsheet has three sheets:

- sheet "General" - to collect info on: 1) relevant accounts of networks, projects, organisations etc. that we can follow from our social accounts, 2) proposal of hashtags that we may use in our messages (5 entry/month and partner).
- sheet "Suggested Internal Topics" - to collect information from WP leaders (who in turn can get support from task leaders) on topics, activities, results, which can be used for tweets and posts. Here also future milestones can be added (5 entry/month and partner).
- sheet "External Topics" – to collect suggestions for tweets/posts related to sources external to URBANITE e.g. papers, articles read that are relevant for or somehow connected to our activities (1 entry/month and partner).
- The Timeline of Potential Dissemination Channels is a tool, a shared excel file, including the most relevant opportunities: events, conferences, journeys, fairs to disseminate URBANITE. Adopting the target groups identified on the dissemination plan (public administration, research and scientific community and citizens) and after a deep exploration of the most relevant events, summarise: the scope, relevant topics, deadlines for the different stages of submission, review, acceptance and final presentation. This file helps presenters to identify the best suite dissemination events and track the different threads.

- The Web Dashboard and social networks analytics. Google Analytics dashboard is used on the URBANITE project to monitor the activity of the URBANITE website; also, LinkedIn and mainly Twitter, present analytical tools to measure the impact of the project also used in the project.

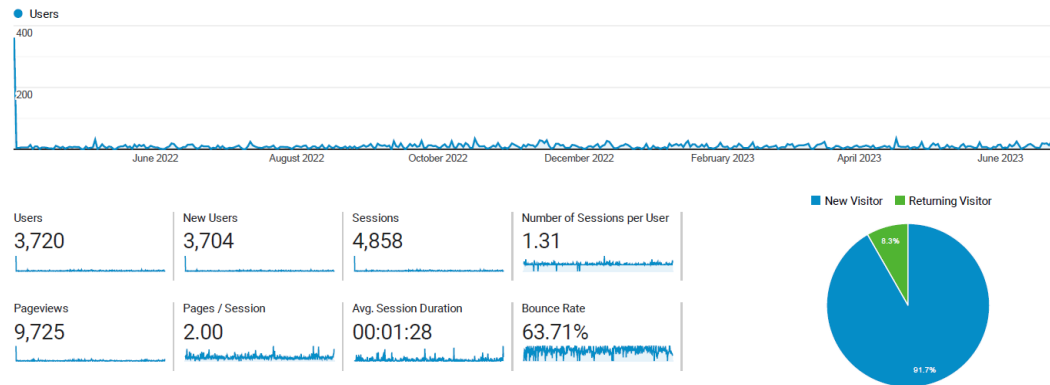


Figure 1. URBANITE web Dashboard from the third year of the project

### 3 Dissemination activities

The dissemination activities are an important feature of the project URBANITE, since they indicate what activities have been performed in order to raise awareness about the project. In this section, the report on the activities is described. Furthermore, it provides an evaluation of the executed activities according to the KPIs.

#### 3.1 Executed dissemination activities

In this subsection, it is reported the execution of activities which has taken place in the time span of 39 months from the kickoff of the project URBANITE, with a special focus on the activities carried out from M25 to M39. The dissemination strategy was set out in deliverable D7.2 [2]. It is very important to report on these activities to keep track of what has been done, what could be improved and what has served to identify needs taking into consideration the changed circumstances of implementing dissemination activities in times of the COVID-19 pandemic and the evolution of the project. In the table below, the envisioned dissemination activities are presented and represent a basis for the reporting on executed dissemination activities.

Table 1. Dissemination Activities

Means	Purpose
<b>Workshops</b>	Engagement Information
<b>Conference presentations</b>	Awareness Engagement Promotion
<b>Project showcases, Demonstrations</b>	Awareness Information Engagement Promotion
<b>Website</b>	Awareness Information Engagement Promotion
<b>Poster / Brochure</b>	Awareness Information Engagement Promotion
<b>Newsletter</b>	Awareness Information Promotion
<b>Journal Articles / Conference papers</b>	Awareness Engagement Promotion
<b>Liaison activities</b>	Awareness Information

This section is broken down into categories of dissemination activities, which are:

- Workshops
- Final Event
- Conference presentations and attendance of events
- Brochure
- Poster
- Website
- Newsletter
- Project showcases, Demonstrations (videos)
- Journal Articles / Conference papers
- General and business publications

### 3.1.1 Workshops

The following table presents the workshops that URBANITE partners attended in the third year of the project.

*Table 2. Workshops during the third reporting period of the project*

Event	Date	Name and type of audience	Countries addressed	Size of audience	People attending
DataWeek 2022. Online workshop regarding Disruptive technologies empowering decision-making in the public sector.	25 <sup>th</sup> May 2022	International	EU	300	60
European Week of Regions and Cities. URBANITE and URBANAGE H2020 projects will talk about their innovative tools and practices for citizens, urban planners and policy-makers supporting the building of smarter cities that are healthier and happier ( <a href="https://eu.app.swapcard.com/event/euregions-week-2022/planning/UGxhbm5pbmdfOTYwNDQ0">https://eu.app.swapcard.com/event/euregions-week-2022/planning/UGxhbm5pbmdfOTYwNDQ0</a> )	11 <sup>th</sup> Oct 2022	International	EU		
Brussels Urban Summit . URBANITE Final Event	14 <sup>th</sup> June 2023	International	EU	300	20

#### **DataWeek 2022**

This session shared the results from the URBANITE, URBANAGE, DECIDO and POLICYCLOUD projects and showcases real experiences from some cities and regions successfully adopting a data-driven approach. The video of the presentations is available online:

<https://data-week-2022.b2match.io/components/20122?session=c2Vzc2lvbjoxMTkxNzE%3D>

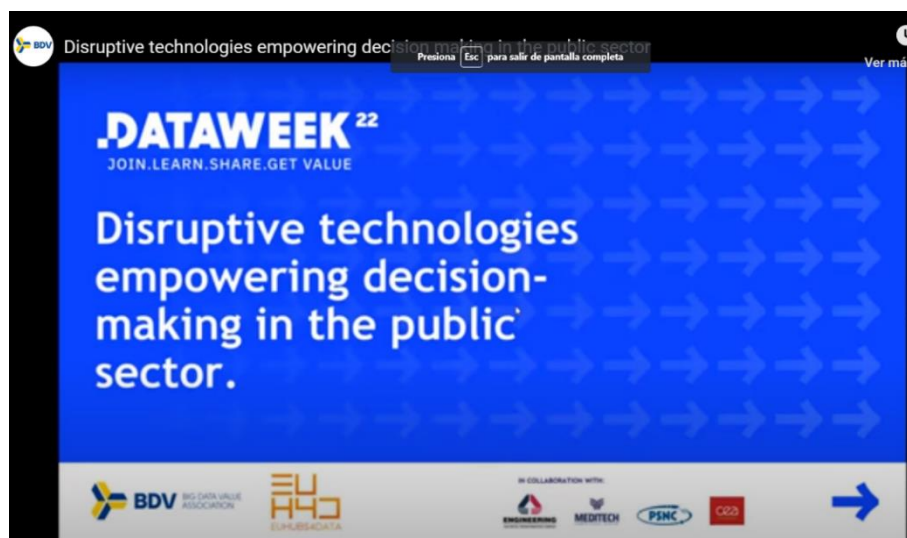


Figure 2. DataWeek 2022 session on disruptive technologies

### European Week of Regions and Cities

The European Week of Regions and Cities, organised by the European Commission and the European Committee of the Regions, is the biggest annual event dedicated to cohesion policy. It has grown to become a unique communication and networking platform, bringing together regions and cities from all over Europe, including politicians, administrators, experts and academics. In coordination with URBANAGE Project, a common session titled “*Data-driven cities: digital technologies for inclusive and sustainable decision-making processes*” was organized, presenting good practices for designing cities through participatory urban planning and demonstrates how new technologies, such as digital twins, AI and simulation, can be leveraged to disrupt the urban planning status quo to create sustainable urban experiences that benefit all.



Figure 3. European Week of Regions website (<https://europa.eu/regions-and-cities/>)



## Final Event

The final event of the URBANITE project took place at the OASC- Open & Agile Smart Cities Annual Summit & General Assembly, on 14<sup>th</sup> June 2023 in Brussels, Belgium. OASC is a network that connects cities & communities worldwide to learn from each other and exchange digital, data-driven solutions.

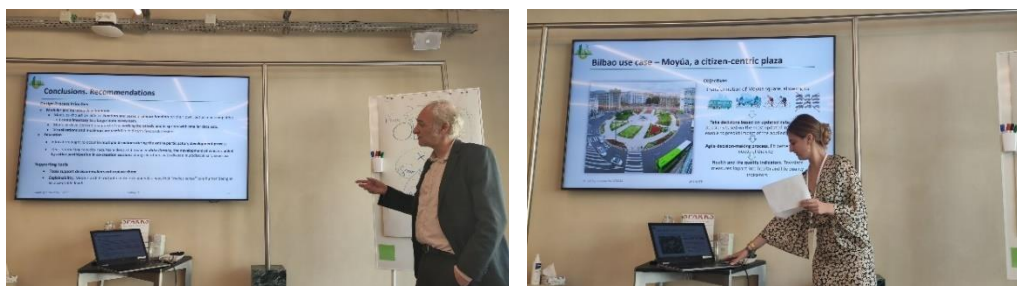
The event was organized in form of an Interactive Workshop (90 minutes) titled “*Urbanite & OASC: open source for communities/data spaces for smart cities & communities/disruptive technologies adoption for a data-based policy making process*”, where URBANITE presented the challenges, each city faced in urban mobility planning and how they managed data, AI and simulations to support the adoption of a data-based policy decision-making. As a result of the Final Event, the consortium contrasted with decision makers and technicians in Urban Mobility the real possibility of a shift paradigm (based on data and a mix of quantitative and qualitative methods) in urban mobility planning, challenges, lessons learned, and the opportunities around Open-Source Data Lakes and Data Spaces for Smart Cities.

Besides, thanks to this event, the opportunity arose of adding some of the results of URBANITE to OASC’s catalogue. We are currently under discussion on how to proceed.

URBANITE was also present in the exhibitor area, displaying a roll-up, a representative video of the project and also, having the opportunity of offering interactive demos to interested assistants.



Figure 4. Final Event. 14<sup>th</sup> Jun 2023, Brussels



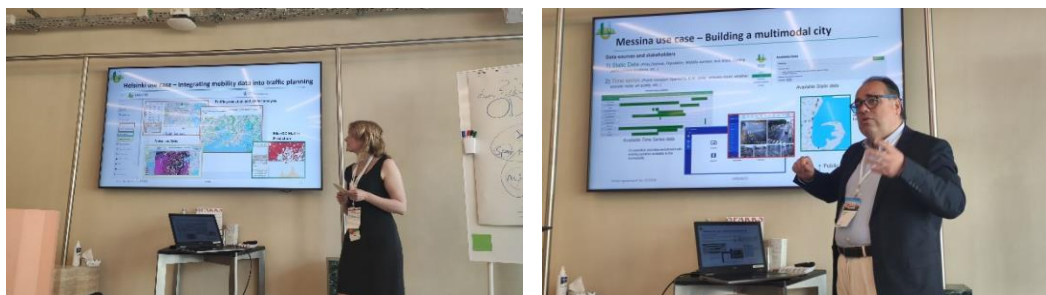


Figure 5. European Week of Regions website (<https://europa.eu/regions-and-cities/>)

### 3.1.2 Conference presentations and attendance of events

In terms of raising awareness about the project, conference presentations proved to be an important dissemination tool. Urbanite has been presented at the following conferences.

Table 3. Conference presentations

Event	Date	Type of presentation	Countries addressed
III Edition GO MOBILITY #GoMobility2022 by MUBIL	27-28 <sup>th</sup> April 2022	Stand with video demonstration of URBANITE	ES
Information Society 2022 Multiconference	11 <sup>th</sup> October 2022	Mobility Policy Proposal Using Machine-Learning Techniques	SLO
Smart city expo en Barcelona	15-17 Nov 2022	Stand with video demonstration of URBANITE	International
CCGRID 2022 22nd edition IEEE/ACM international conference in MESSINA	16-19 <sup>th</sup> May 2022	Presentation of URBANITE by Maria Fazio	International
XXIII Spanish ITS Congress / V Iberoamerican (LATAM) ITS Congress. IBES (Seville)	28-30 <sup>th</sup> March 2023	Presentation of Bilbao use case and the tools developed to improve the characterization of the mobility under different modes of transport.	International
DataWeek 2023. F2F Participation on the session "Participatory Data for Innovation"	13th June 2023	Workshop participation	International

POLIS Conference. Describing the work on data analytics.	Sep 2023	Presentation of URBANITE	International
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Table 4. Attendance to events

Event	Date	Name and type of audience	Countries addressed	Size of audience	People attending
Disruptive Technologies for Public Administration	21 <sup>st</sup> April 2023	Public administrations and technical on ethics and privacy issues.	EU		
MIT Mobility Forum (Spring 2023)	5 <sup>th</sup> May 2023	Experts on urban mobility and transport.	Worldwide	20	20
Webinar: La Logística y las Smart Cities.	6 <sup>th</sup> Dec 2022	Experts on urban mobility and logistics.	ES	15	15
INNOVATION LAB   Proyectos Innovadores para alcanzar una la Logística Urbana 4.0 (LOGISTOP).	4 <sup>th</sup> May 2023	Experts on urban mobility and logistics.	ES	15	15
European Commission guidance on use of models in policymaking Launch Event.	19 <sup>th</sup> June 2023	Policy-makers and researchers.	EU		50
Public workshop of EU H2020 ALIGNER -Police and Law Enforcement Agencies to bring AI safely and effectively into their service. Implications of the forthcoming EU AI Act.	22 <sup>nd</sup> June 2023	Policy-makers and researchers.	EU		25
OASC Annual Summit & General Assembly 2023.	14 <sup>th</sup> June 2023	Data related projects, public sector.	International	50	Consortium (FVH, Alma Digit, MLC/Bilbao ITS)

Event	Date	Name and type of audience	Countries addressed	Size of audience	People attending
Brussels Urban Summit 2023, participation.	13-15 <sup>th</sup> June 2023	Smart mobility, urban development.	International	1000	FVH, Alma Digit, MLC
Open seminar: AI in public services – social, ethical and legal implications.	27 <sup>th</sup> June 2023	on AI in public administrations and services, and how to address ethical, social and legal implications.	International		TEC
Workshop: “AI, Regulation and Decision Making”. CNRS & ENS-PSL.	27 <sup>th</sup> June 2023	Use and regulation of AI at a time when the AI Act is being implemented at European level.	International		TEC

### 3.1.3 Brochure

Another important tool that produces awareness about the project, the 3<sup>rd</sup> brochure, has been created by Tecnia with contents from other partners and the different presentations. The third brochure of URBANITE presents the tools that have been developed within the URBANITE project to transform urban mobility data into usable information.

The leaflet is visually represented in Figure 6 and available online at: [https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnia.com/files/URBANITEbrochure2023\\_draft1.0%20v5.pdf](https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnia.com/files/URBANITEbrochure2023_draft1.0%20v5.pdf).



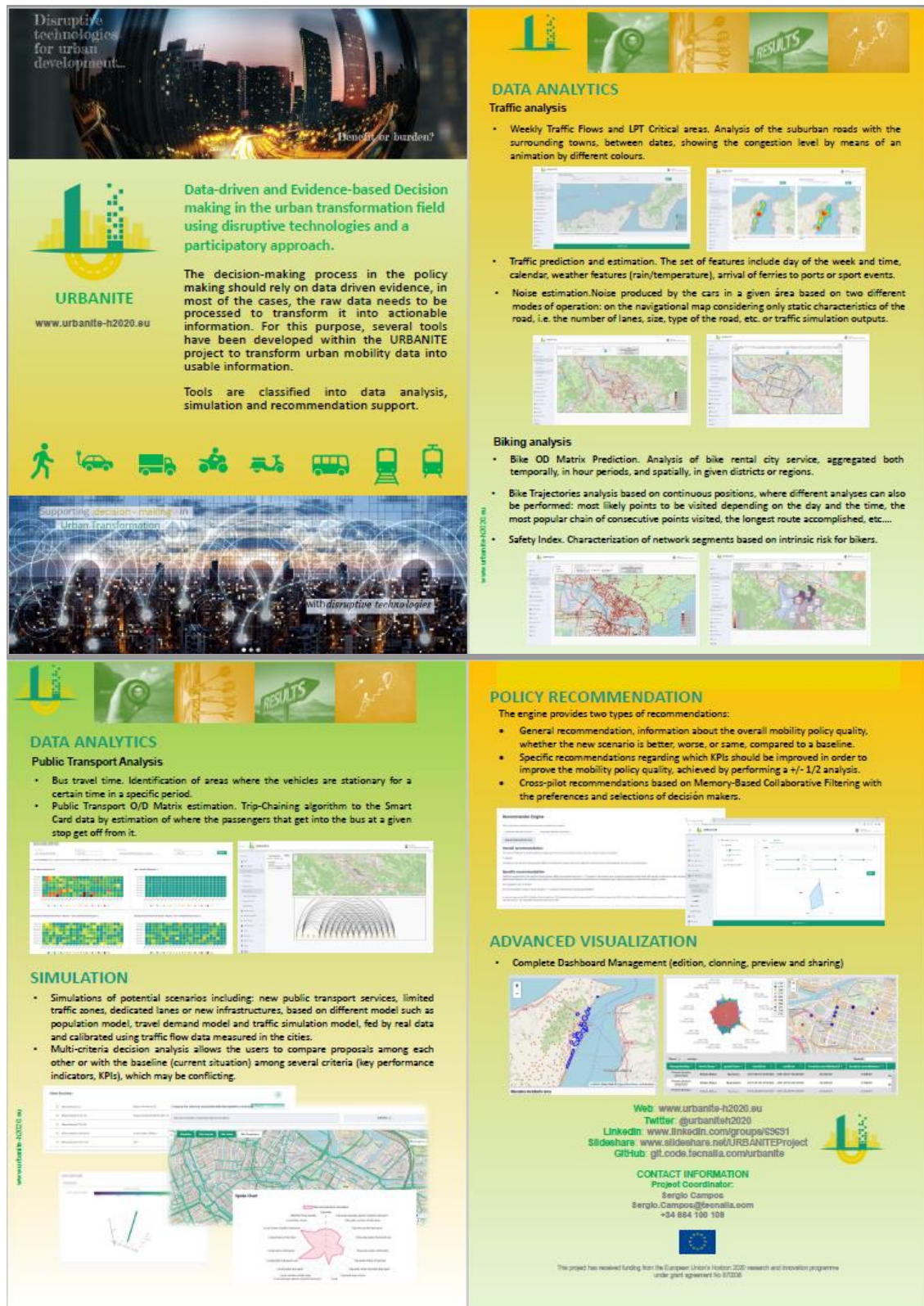


Figure 6. Third Brochure

### 3.1.4 Poster

The poster is meant for promotional purposes of the URBANITE project. A pair of reference posters were prepared, including a brief and a more detailed description of the developed methods and main decision-related functionalities. They were presented at the Final Event in

Brussels, last 14<sup>th</sup> June of 2023. In any case, they are both available as templates to be adapted to the different conferences and communications to be defended in future forums by the partners.

Brief version (more graphical): [https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnalia.com/files/second%20poster\\_0.pdf](https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnalia.com/files/second%20poster_0.pdf)

Extended version (with more textual explanations): [https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnalia.com/files/poster\\_0.pdf](https://urbanite-project.eu/sites/urbanite.drupal.pulsartecnalia.com/files/poster_0.pdf)

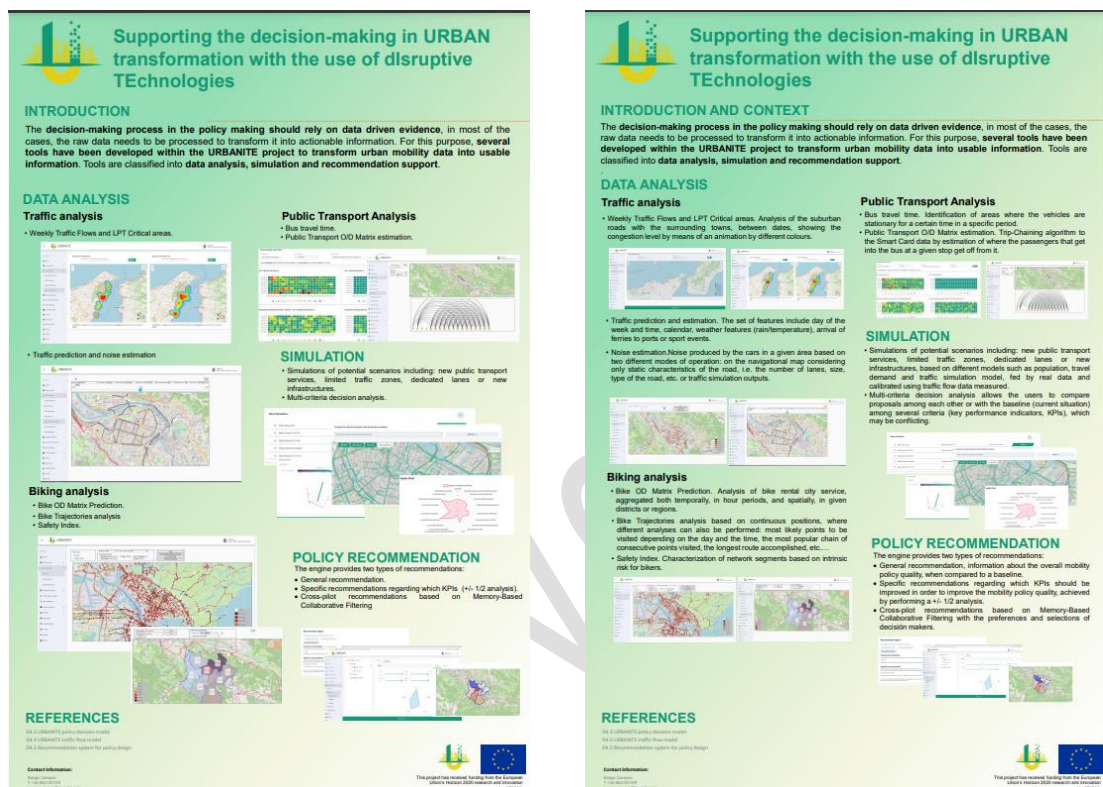


Figure 7. Posters (brief and extended versions)

### 3.1.5 Website

The website is fully functional and operational. It provides updated information about the project and its results: approach, objectives, the solution itself and the whole vision, global features, SoPoLab sessions, the use cases and pilot cities (Amsterdam, Helsinki, Bilbao and Messina), the results, and the list of public deliverables. Furthermore, it provides information about the partners working in the project URBANITE, and links to the blog posts and social media channels.

The link to the website: <https://urbanite-project.eu/>.

Below we present some screenshots of the website.



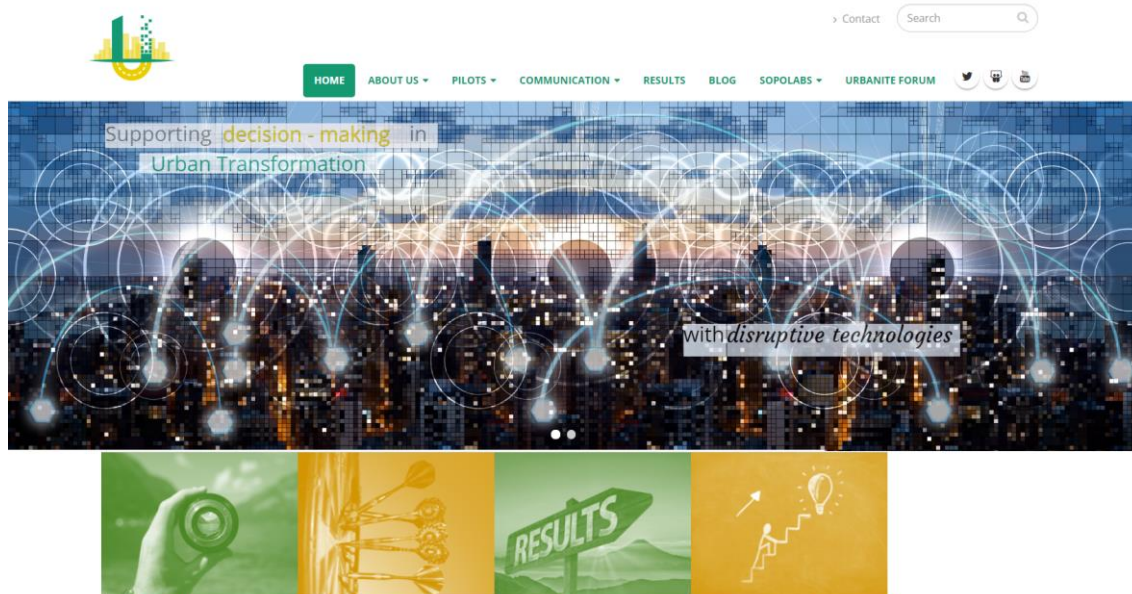
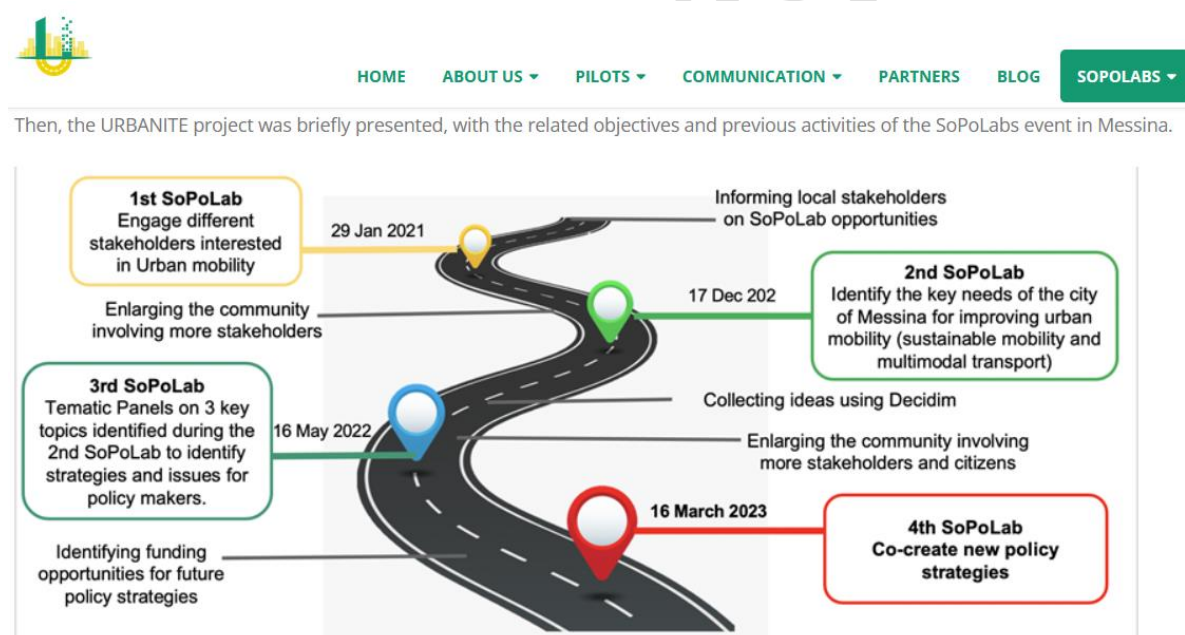



Figure 8. URBANITE website landing page



The contributions to the discussion at the 4th SoPoLab Messina event, allowed to **identify the key points** to take care of for tackling the pr

Figure 9. SopoLab sessions (from <https://urbanite-project.eu/content/4-sopolab-fourth-session>).

Public deliverables, relevant to the general public because of their didactic character, are available for download in pdf format under the menu “Communication>Deliverables”. Also, those scientific publications generated during the project are available for downloading or referenced under the menu “Communication>Publications”.



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## Deliverables

	Deliverable	Link
D2.1	Analysis of experiences in other industries	<a href="#">Case Studies / Download / Addendum</a>
D2.2	Mapping of stakeholders	<a href="#">Download</a>
D2.3	SOPO Lab first session "Ask: defining challenges and formulating shared values and principles"	<a href="#">Download</a>
D2.4	SOPO Lab second session "Create: going into the details of challenges and designing roadmaps"	<a href="#">Draft version</a>
D2.5	SOPO Lab third session "Policy: translating insights into practical policy and requirements"	<a href="#">Draft version</a>
D2.6	Impact analysis and recommendations	
D3.1	URBANITE Mobility data sources analysis	<a href="#">Download</a>
D3.2	Data harvesting module and connectors implementation-v1	<a href="#">Draft version</a>
D3.3	Data harvesting module and connectors implementation-v2	<a href="#">Draft version</a>
D3.4	URBANITE data structure and semantic model specification	<a href="#">Download</a>
D3.5	Data curation module implementation	<a href="#">Draft version</a>
D3.6	Data curation module implementation	<a href="#">Draft version</a>
D3.7	Data aggregation and storage module implementation	<a href="#">Draft version</a>
D3.8	Data aggregation and storage module implementation	<a href="#">Draft version</a>
D4.1	Strategies and algorithms for data modelling and visualizations	<a href="#">Download</a>

Figure 10. URBANITE public deliverables available for download

[Home](#) / [Communication](#)

## Publications

## URBANITE publications

- A Comparison of Modelling Approaches for the Longterm Estimation of Origin Destination Matrices in Bike Sharing Systems. [Ibail Laña, Iñaki Olabarrieta, Javier del Ser]. 25th IEEE International Conference on Intelligent Transportation Systems (IEEE ITSC 2022) (submitted) <https://ieeexplore.ieee.org/document/9922402>
- Measuring the Confidence of Traffic Forecasting Models: Techniques, Experimental Comparison and Guidelines towards Their Actionability. [Ibail Laña, Ignacio (Iñaki) Olabarrieta, Javier Del Ser]. IEEE Transactions on ITS (submitted) <https://arxiv.org/abs/2210.16049>
- An Edge System for the Safety of Cyclists in the Urban Area. [Francesco Martella, Mario Colosi, Giuseppe Ciulla, Roberto Di Bernardo, Maria Fazio, Antonio Celesti, Valeria Lukaj, Massimo Di Gangi, Massimo Villari] 8th IEEE International Smart Cities Conference 2022. <https://ieeexplore.ieee.org/document/9922454>
- Federated Edge for Tracking Mobile Targets on Video Surveillance Streams in Smart Cities. [Francesco Martella, Maria Fazio, Valeria Lukaj, Antonio Celesti, Antonino Quattrocchi, Massimo Di Gangi, Massimo Villari] 27th IEEE Symposium on Computers and Communications (IEEE ISCC 2022). <https://ieeexplore.ieee.org/document/9912799>
- Time Series Data Management Optimized for Smart City Policy Decision. [Francesco Martella, Giovanni Parrino, Mario Colosi, Maria Fazio, Antonio Celesti, Massimo Villari] 2022 22nd IEEE International Symposium on Cluster, Cloud and Internet Computing (CCGrid) <https://ieeexplore.ieee.org/document/9826081>
- Virtual Device Model extending NGSI-LD for FaaS at the Edge. [Francesco Martella, Giovanni Parrino, Giuseppe Ciulla, Roberto Di Bernardo, Maria Fazio, Antonio Celesti, Massimo Villari] CCGRID 2021. <https://ieeexplore.ieee.org/abstract/document/9499631>
- Machine-Learning Approach for Mobility Policy Proposal [Miljana Shulajkovska, Maj Smerkol, Erik Dovgan, Matjaž Gams]. Heliyon. <http://dx.doi.org/10.2139/ssrn.4468418>
- Virtual Device Model extending NGSI-LD for FaaS at the Edge. [F. Martella, G. Parrino, G. Ciulla, R. Di Bernardo, A. Celesti, M. Fazio, M. Villari] 2021 IEEE/ACM 21st International Symposium on Cluster, Cloud and Internet Computing (CCGrid). <https://ieeexplore.ieee.org/abstract/document/9499631>
- Time Series Data Management Optimized for Smart City Policy Decision [Mario Colosi, Massimo Villari, Maria Fazio, Francesco Martella, Giovanni Parrino, Antonio Celesti] The 22nd IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing. <https://ieeexplore.ieee.org/document/9826081>
- How Disruptive Technologies can Strengthen Urban Mobility Transformation. The Experience of URBANITE H2020 Project [Giuseppe Ciulla, Roberto Di Bernardo, Isabel ...]

Figure 11. URBANITE publications



A new section “Open Source Software” is included in the communication material, which is actually linking to the GitLab where the open-source code has been released: <https://git.code.tecnalia.com/urbanite/open/>. An analysis of the licensing of the different modules of the platform has been carried out in the context of WP7-Exploitation.

In addition, a new menu with the final results has been included in the website.

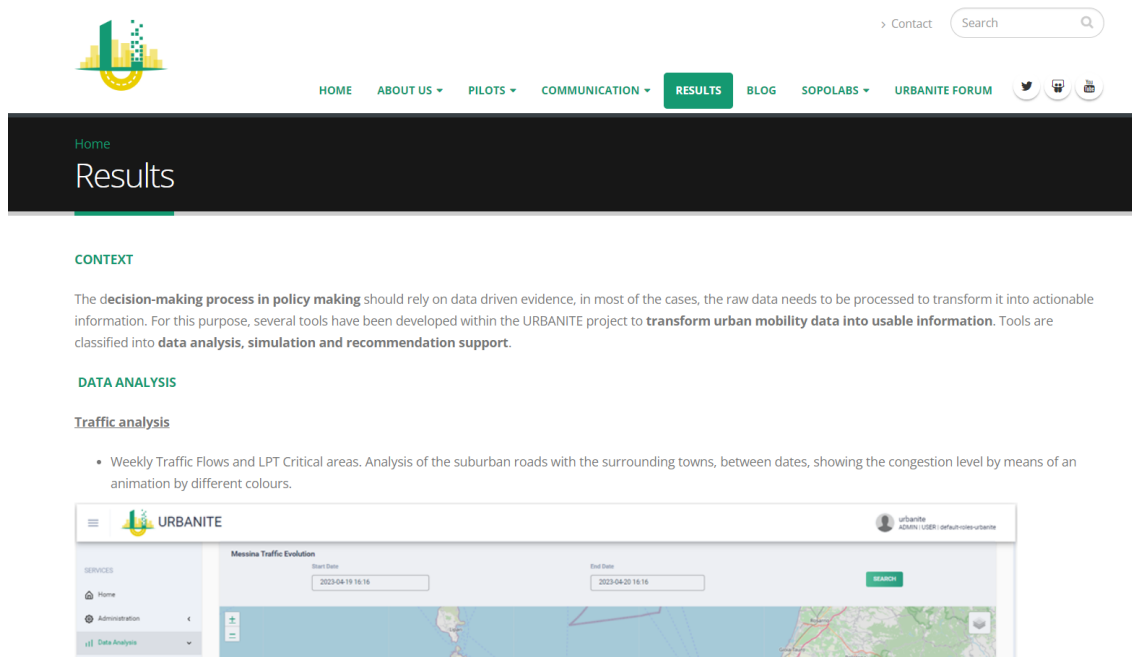


Figure 12. Description of the results for data analysis, simulations, recommendations and charts.

### 3.1.5.1 KPIs

URBANITE uses Google Analytics to monitor the behaviour of the website. This allows the project to steer the strategy with the main aim of reaching the right audience and stakeholders.

From the analytics collected, it can be seen that the number of visits to the URBANITE website during this third year is about 3720, with an average session duration of 00:01:28.

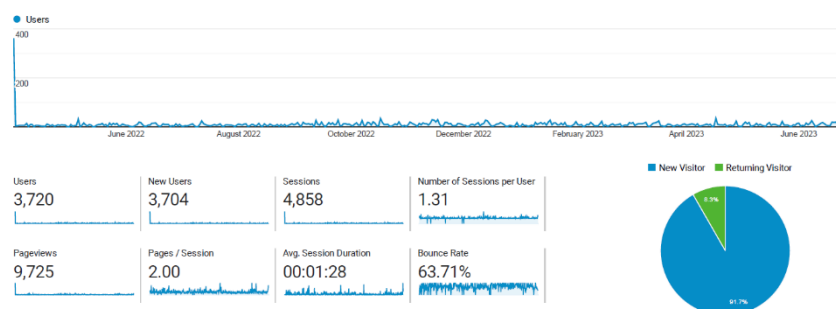


Figure 13. Users in URBANITE website

The SEO, as explained before, is improving on a continuous basis thanks to the provisioning of dedicated and targeted content through the blog. The visits coming from direct search queries have increased along with the timeframe of the project, as shown next. Now 36.6% of the visitors to the URBANITE website come through organic searches (in green in the pie chart).

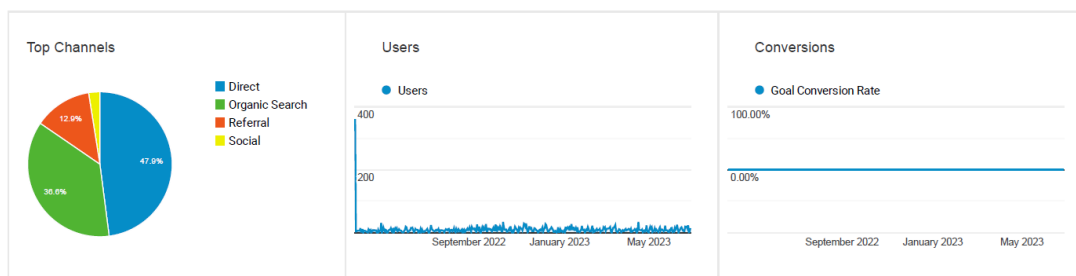


Figure 14. Traffic in URBANITE website

During this third reporting period, the blog is the second most visited page after the homepage. 40.11% of the visitors have gone directly to the website. The third, fourth and fifth most visited pages are related to approach, partners and use cases.

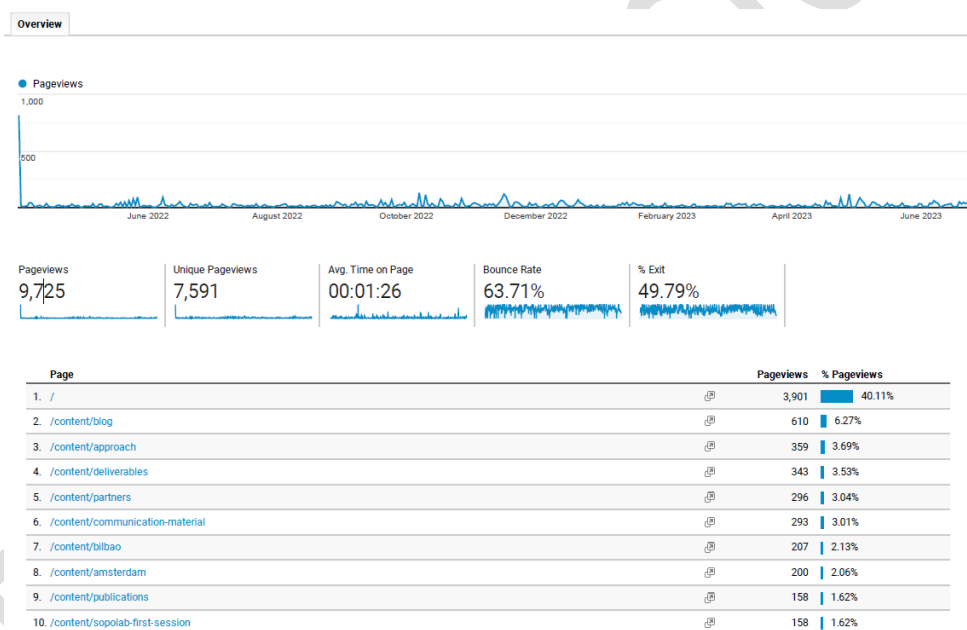


Figure 15. Most visited pages of the website

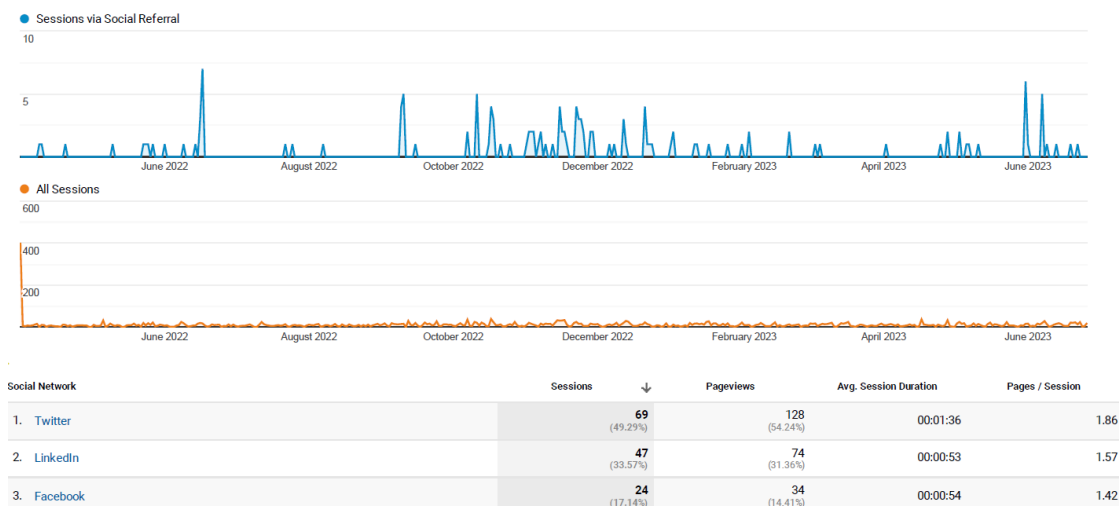


Figure 16. Sessions via social referral

The following figure shows the percentage of visits per country. To increase the visits to the website, the project stressed the strategy towards the partners' networks and their countries of origin, complemented with a focus on their social media and company websites. The US, Spain, Italy, Netherlands, Finland and Germany presents great interest, with initiatives on the topics of the project.

	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration	Goal Conversion Rate	Goal Completions	Goal Value
	3,720 (100.00%) (3,720)	3,704 (100.00%) (3,704)	4,858 (100.00%) (4,858)	63.71% Avg for View: 63.71% (0.00%)	2.00 Avg for View: 2.00 (0.00%)	00:01:28 Avg for View: 00:01:28 (0.00%)	0.00% Avg for View: 0.00% (0.00%)	0 % of Total: 0.00% (0)	\$0.00 % of Total: 0.00% (0.00)
1. United States	721 (19.26%) (19.41%)	719 (19.41%) (19.41%)	746 (15.36%) (15.36%)	83.91%	1.31	00:00:13	0.00%	0 (0.00%)	\$0.00 (0.00%)
2. Netherlands	431 (11.48%) (11.56%)	428 (11.56%) (11.56%)	502 (10.33%) (10.33%)	78.88%	1.59	00:01:22	0.00%	0 (0.00%)	\$0.00 (0.00%)
3. Spain	414 (11.63%) (11.63%)	400 (10.80%) (10.80%)	996 (20.50%) (20.50%)	44.68%	3.27	00:03:36	0.00%	0 (0.00%)	\$0.00 (0.00%)
4. Italy	247 (6.58%) (6.43%)	238 (6.43%) (6.43%)	466 (9.59%) (9.59%)	50.21%	2.66	00:02:19	0.00%	0 (0.00%)	\$0.00 (0.00%)
5. Finland	211 (5.62%) (5.67%)	210 (5.67%) (5.67%)	225 (4.63%) (4.63%)	89.33%	1.23	00:00:13	0.00%	0 (0.00%)	\$0.00 (0.00%)
6. Germany	180 (4.79%) (4.72%)	175 (4.72%) (4.72%)	216 (4.45%) (4.45%)	65.74%	1.75	00:00:52	0.00%	0 (0.00%)	\$0.00 (0.00%)
7. France	177 (4.71%) (4.78%)	177 (4.78%) (4.78%)	188 (3.87%) (3.87%)	82.45%	1.32	00:00:34	0.00%	0 (0.00%)	\$0.00 (0.00%)
8. India	169 (4.50%) (4.56%)	169 (4.56%) (4.56%)	174 (3.58%) (3.58%)	70.11%	1.32	00:00:32	0.00%	0 (0.00%)	\$0.00 (0.00%)
9. Austria	103 (2.74%) (2.79%)	102 (2.79%) (2.79%)	106 (2.18%) (2.18%)	85.85%	1.24	00:00:04	0.00%	0 (0.00%)	\$0.00 (0.00%)
10. United Kingdom	87 (2.32%) (2.39%)	87 (2.39%) (2.39%)	102 (2.10%) (2.10%)	73.53%	1.66	00:00:40	0.00%	0 (0.00%)	\$0.00 (0.00%)

Figure 17. Users by Country

To this end, the publication of the press release in multiple languages, namely English, German, Spanish, Dutch, Finnish, Slovenian and Italian, has helped to increase the traffic from the countries of the different partners.

### 3.1.6 Newsletter

Three newsletters have been published in 2020, 2021 and 2023. The third newsletter updated on the project progress. It provided a summary of the four SoPoLab sessions, of the events where URBANITE results had been presented (i.e., the XXIII Spanish ITS Congress / V Iberoamerican (LATAM) ITS Congress and the European Week of Regions and Cities) and of the general assemblies of the project partners.

The newsletters are available at:

- [URBANITE 2020's Newsletter](#) .

- [URBANITE 2021's Newsletter.](#)
- [URBANITE 2023's Newsletter.](#)



Figure 18. URBANITE 2023's Newsletter

### 3.1.7 Showcases (video)

The URBANITE YouTube channel is available at: <https://www.youtube.com/channel/UCld-iV8vPr2gIOT87SmfLLw>. Table 5 contains the list of videos published during the project.

Table 5. List of videos in URBANITE YouTube channel.

No.	Title	Link
1	URBANITE H2020 project video (in English + subtitles in English)	<a href="https://www.youtube.com/watch?v=7b22W4HSOtE">https://www.youtube.com/watch?v=7b22W4HSOtE</a>
2a	Helsinki use case (in Finnish + subtitles in Finnish)	<a href="https://www.youtube.com/watch?v=UINeGqMY4I">https://www.youtube.com/watch?v=UINeGqMY4I</a>
2b	Helsinki use case (in Finnish + subtitles in English)	<a href="https://www.youtube.com/watch?v=2RU300IEfbw">https://www.youtube.com/watch?v=2RU300IEfbw</a>
3a	Bilbao Use Case (in Spanish + subtitles in Spanish)	<a href="https://www.youtube.com/watch?v=Xujfu5WArSA">https://www.youtube.com/watch?v=Xujfu5WArSA</a>
3b	Bilbao Use Case (in Spanish + subtitles in English)	<a href="https://www.youtube.com/watch?v=Ry6sXy-u8il">https://www.youtube.com/watch?v=Ry6sXy-u8il</a>
4	Messina Use Case	<a href="https://www.youtube.com/watch?v=iQ3xqgB_xqs">https://www.youtube.com/watch?v=iQ3xqgB_xqs</a>
5	Messina (Italy) case study (European Week of Regions and Cities 2022)	<a href="https://www.youtube.com/watch?v=fedm1d0_rBA">https://www.youtube.com/watch?v=fedm1d0_rBA</a>
6	URBANITE Short video on data analysis (GoMobility and Smart City Expo)	<a href="https://www.youtube.com/watch?v=iQOc_4TesnU">https://www.youtube.com/watch?v=iQOc_4TesnU</a>
7	URBANITE Data Analysis BILBAO	<a href="https://www.youtube.com/watch?v=b2r8Jb9Y16A">https://www.youtube.com/watch?v=b2r8Jb9Y16A</a>
8	URBANITE Data Analysis HELSINKI	<a href="https://www.youtube.com/watch?v=VuQjJnr5W24">https://www.youtube.com/watch?v=VuQjJnr5W24</a>

9	URBANITE Data Analysis MESSINA	<a href="https://www.youtube.com/watch?v=1H5EQ3exyq8">https://www.youtube.com/watch?v=1H5EQ3exyq8</a>
10	URBANITE Data Analysis AMSTERDAM	<a href="https://www.youtube.com/watch?v=dPCjgspd8Hs">https://www.youtube.com/watch?v=dPCjgspd8Hs</a>
11	URBANITE General Assembly, Messina October 2022	<a href="https://www.youtube.com/watch?v=hy0PQ7gK8yo">https://www.youtube.com/watch?v=hy0PQ7gK8yo</a>
12	URBANITE Dashboard Creation Process	<a href="https://www.youtube.com/watch?v=FSb5RdmnXiY">https://www.youtube.com/watch?v=FSb5RdmnXiY</a>
13	Amsterdam Use Case	<a href="https://www.youtube.com/watch?v=KAGl2XeBJl0">https://www.youtube.com/watch?v=KAGl2XeBJl0</a>

During this third period the following videos were prepared, subtitled and shared on the youtube project channel:

- Use case videos, introducing the needs, challenges and opportunities from the mobility perspective (Amsterdam and Messina).
- Messina's General Assembly video, with participation of the different partners and a view of the use cases.
- Technical supporting material for the data analytics and dashboards management.



Urbanite General Assembly, Messina october 2022 1

*Figure 19. Video: Urbanite General Assembly, Messina October 2022*





Messina Use Case

Figure 20. Video: Messina Use Case



Figure 21. Video: Amsterdam Use Case

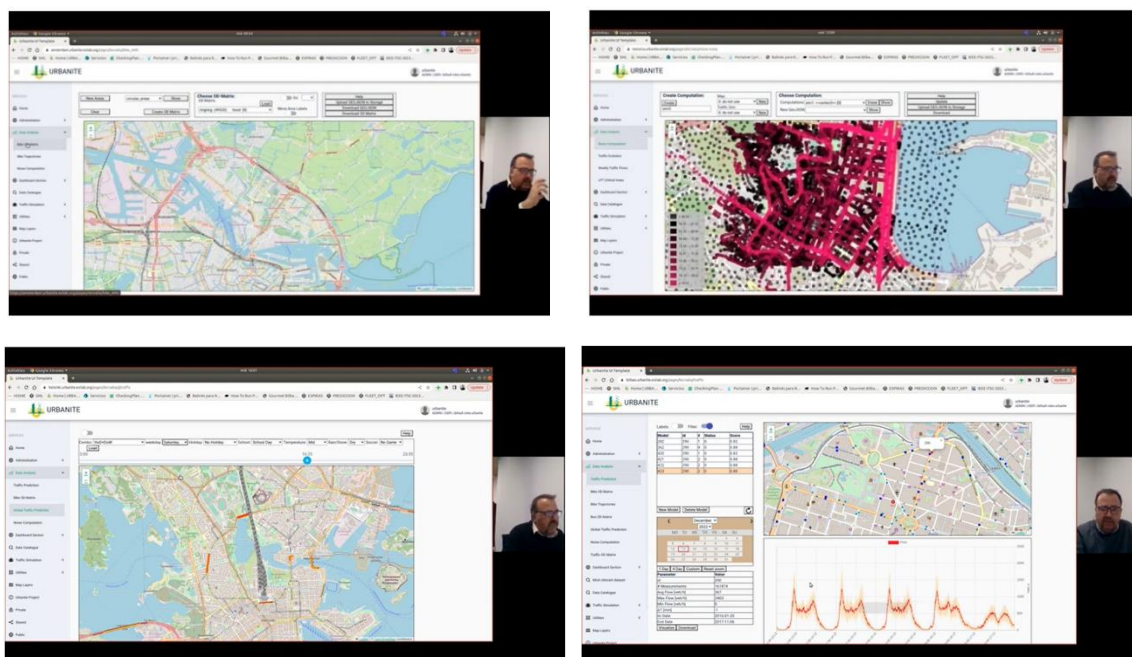


Figure 22. Videos: Data Analytics functionality for the four use cases

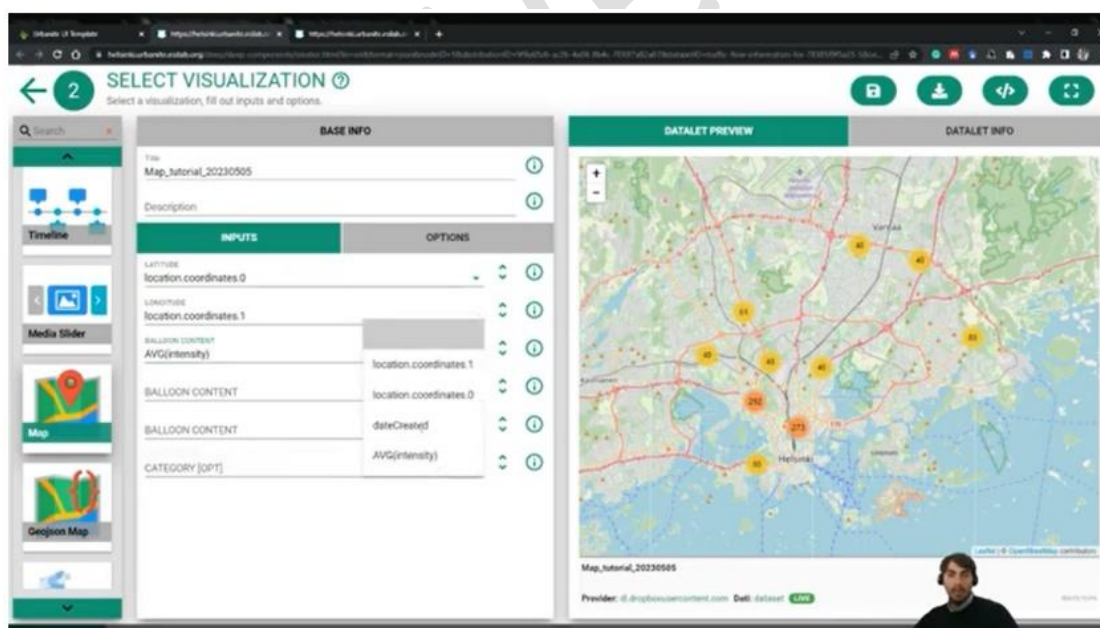


Figure 23. Video: Dashboard management functionality for the four use cases

### 3.1.8 Journal and scientific papers

Journal and scientific papers address the scientific community and encourage discussions in the academic sphere regarding URBANITE and its results. The papers are presented in Table 6.

Table 6. Journal and scientific papers

Title of the article	Event and publication (name, date, other info)	Name of author and Organisations
Measuring the Confidence of Traffic Forecasting Models: Techniques, Comparison and Guidelines towards Their Actionability.	Ibai Laña, Ignacio Olabarrieta, Javier Del Ser	Submitted to IEEE Transactions on ITS. Acceptation (if is) beyond the project life. <a href="https://arxiv.org/abs/2210.16049">https://arxiv.org/abs/2210.16049</a>
Machine-Learning Approach for Mobility Policy Proposal.	Miljana Shulajkovska, Maj Smerkol, Erik Dovgan, Matjaž Gams	Informatica journal and Helyion journal (accepted) <a href="#">Download here</a>
A Comparison of Modelling Approaches for the Longterm Estimation of Origin Destination Matrices in Bike Sharing Systems.	Ibai Laña, Iñaki Olabarrieta, Javier del Ser	25th IEEE International Conference on Intelligent Transportation Systems (IEEE ITSC 2022) (submitted) <a href="https://ieeexplore.ieee.org/document/9922402">https://ieeexplore.ieee.org/document/9922402</a>

### 3.1.9 Conference papers

Conference papers address the scientific community and encourage discussions in the academic sphere regarding URBANITE and its results. The papers are presented in Table 7.

Table 7. Conference papers during M25-M39

Title of the article	Event and publication (name, date, other info)	Name of author and Organisations
An Edge System for the Safety of Cyclists in the Urban Area <a href="https://ieeexplore.ieee.org/document/9922454">https://ieeexplore.ieee.org/document/9922454</a>	8th IEEE International Smart Cities Conference 2022	Francesco Martella, Mario Colosi, Giuseppe Ciulla, Roberto Di Bernardo, Maria Fazio, Antonio Celesti, Valeria Lukaj, Massimo Di Gangi, Massimo Villari
Federated Edge for Tracking Mobile Targets on Video Surveillance Streams in Smart Cities <a href="https://ieeexplore.ieee.org/document/9912799">https://ieeexplore.ieee.org/document/9912799</a>	27th IEEE Symposium on Computers and	Francesco Martella, Maria Fazio, Valeria



	Communications (IEEE ISCC 2022)	Lukaj, Antonio Celesti, Antonino Quattrocchi, Massimo Di Gangi, Massimo Villari
Time Series Data Management Optimized for Smart City Policy Decision <a href="https://ieeexplore.ieee.org/document/9826081">https://ieeexplore.ieee.org/document/9826081</a>	2022 22nd IEEE International Symposium on Cluster, Cloud and Internet Computing (CCGrid 2022)	Francesco Martella, Giovanni Parrino, Mario Colosi, Maria Fazio, Antonio Celesti, Massimo Villari

Table 8. Conference papers during M1-M24

Title of the article	Event and publication (name, date, other info)	Name of author and Organisations
Virtual Device Model extending NGSI-LD for FaaS at the Edge <a href="https://ieeexplore.ieee.org/abstract/document/9499631">https://ieeexplore.ieee.org/abstract/document/9499631</a>	CCGRID 2021	Francesco Martella, Giovanni Parrino, Giuseppe Ciulla, Roberto Di Bernardo, Maria Fazio, Antonio Celesti, Massimo Villari
How Disruptive Technologies can Strengthen Urban Mobility Transformation. The Experience of URBANITE H2020 Project - <a href="#">download here</a>	IS 2021 (*)	Giuseppe Ciulla, Roberto Di Bernardo, Isabel Matrangola, Francesco Martella, Giovanni Parrino, Shabnam Farahmand
An Overview of Transport Modelling Approaches – A Use Case Study of Helsinki - <a href="#">download here</a>	IS 2021	Shabnam Farahmand
URBANITE: Messina Use Case in Smart Mobility Scenario - <a href="#">download here</a>	IS 2021	Francesco Martella, Giovanni Parrino, Mario Colosi, Giuseppe Ciulla, Roberto Di Bernardo, Marco Martorana, Roberto Callari, Maria Fazio, Antonio Celesti, Massimo Villari
Data commons in smart mobility – the road ahead? - <a href="#">download here</a>	IS 2021	Nathalie van Loon, Rosalie Snijders
URBANITE Mobility Data Analysis Tools - <a href="#">download here</a>	IS 2021	Ignacio (Iñaki) Olabarrieta, Ibai Laña, Urrotz Larrañaga, Sergio Campos, Raquel Gil, Shabnam Farahmand
Applicable European Regulations for Data-driven Policy-making - <a href="#">download here</a>	IS 2021	Sonia Bilbao, Maria José López, Sergio Campos
Supporting Decision-Making in the Urban Mobility Policy Making - <a href="#">download here</a>	IS 2021	Erik Dovgan, Maj Smerkol, Miljana Sulajkovska, Matjaž Gams
URBANITE Data Management Platform - <a href="#">download here</a>	IS 2021	Fritz Meiners, Sonia Bilbao, Gonzalo Lazaro, Giuseppe

		Ciulla
Traffic Simulation for Mobility Policy Analysis - <a href="#">download here</a>	IS 2021	Maj Smerkol, Miljana Sulajkovska, Erik Dovgan, Matjaž Gams
Machine Learning-Based Approach for Estimating the Quality of Mobility Policies - <a href="#">download here</a>	IS 2021	Miljana Sulajkovska, Maj Smerkol, Erik Dovgan, Matjaž Gams
Visualizations for Mobility Policy Design - <a href="#">download here</a>	IS 2021	Maj Smerkol, Miljana Sulajkovska, Erik Dovgan, Matjaž Gams
URBANITE Ecosystem: Integration and DevOps - <a href="#">download here</a>	IS 2021	María José López, Iñaki Etxaniz, Giuseppe Ciulla
URBANITE H2020 Project Algorithms and Simulation Techniques for Decision – Makers. - <a href="#">download here</a>	IS 2020	Machidon, Alina, Smerkol, Maj and Gams, Matjaž (JSI)
Traffic Simulation Software in the Context of Mobility Policy Support System - <a href="#">download here</a>	IS 2020	Smerkol, Maj, Machidon, Alina, Počkar, Žan and Gams, Matjaž (JSI)

(\*) 24th International Multiconference Information Society (IS 2021), URBANITE Workshop 2021

### 3.1.10 General and business publications

In this section, non-scientific publications are listed. Their type is more general or business based, however, they still contribute to raising awareness about the project URBANITE, both nationally and internationally. They are listed in Table 9.

Table 9. General and business publications







Title	Link or reference	Date	Partner/Authors (organisations)
Election debate: Digital city	<a href="https://waag.org/en/event/election-debate-digital-city/">https://waag.org/en/event/election-debate-digital-city/</a>	9th March 2022	WAAG
Meetup: Who do our streets belong to?	<a href="https://waag.org/en/event/meetup-who-do-our-streets-belong/">https://waag.org/en/event/meetup-who-do-our-streets-belong/</a>	31st Aug 2022	WAAG
National newspaper release	DELO Slovenian national newspaper <a href="https://www.delo.si/novice/znanoteh/virusi-v-vodigenom-koronavirusa-mariborske-regije-in-servis-vesolju-300747.html">https://www.delo.si/novice/znanoteh/virusi-v-vodigenom-koronavirusa-mariborske-regije-in-servis-vesolju-300747.html</a>		JSI



FIWARE Booklet on Smart Cities	<a href="https://www.fiware.org/wp-content/uploads/FIWAREBooklet_FIWARE4CITIES.pdf">https://www.fiware.org/wp-content/uploads/FIWAREBooklet_FIWARE4CITIES.pdf</a>	April 2021	Comune Messina, Alma Digit, ENG
Estrategia Empresarial , Número 653 \ 1 - 15 de octubre de 2022, página 39	<a href="http://www.estrategia.net">www.estrategia.net</a>	Oct 2022	TECNALIA
Urban Digital Twin as a Socio-Technical Construct"	not published yet, will be part of a book in 2023	2023	FVH - Ruohomäki, T., Ponto, H., Santala, V. & J.-P. Virtanen

### 3.2 Dissemination assessment and evaluation (KPIs)

For assessing and evaluating the process of dissemination, the tools and activities are very important. They help us obtain the bigger picture of the success or failure of dissemination itself. We present the results of the monitoring procedure based on the previously set KPIs, which were prepared in deliverable D7.2. Table 10 shows the final evaluation and values of the KPIs for dissemination. As shown in the table, all the KPIs related to dissemination has been correctly achieved.

Table 10. Final evaluation of the KPIs for dissemination

Dissemination tool	KPI description	Target	Actions during project	KPI value	Status
Brochures	Number of leaflets / brochures produced	>3	A third project brochure has been prepared with focus on the different methods and tools around the data processing and visualization.	3 + 1 (workshop)	
Conference / Journal publications	Number of publications	17	Three new articles were presented and published in scientific conferences. Three other articles were submitted/re-submitted to scientific journals and a chapter of a book is on preparation	18 scientific conferences + 3 scientific journals (accepted but not published)	
	Scientific journals	2			
	Scientific conferences	15			
Project posters	Number of posters	1-2	A second poster was uploaded in 2023, focused on the advanced analytics, simulation and visualization (dashboards).	2 (2022 & 2023)	
Press releases	Number of specialised press releases	3 per country	A third press release has been released with focus on the final event. Partners have provided translations in 7 languages. A final press release for the whole project is on preparation, in coordination with local media.	>=3 / country +1	
Project showcases	Number of different demonstration videos produced	3	A pair of videos for each of the use cases, one introducing the needs, challenges and general approach for the local urban mobility and another more technical, focused on the most relevant data analytical solutions. Additionally, 1 extra video guiding the creation and management of customized dashboards. On the different events, demonstrations have been realized on demand.	13 (see 3.1.7)	
Project newsletters	Number of newsletters	1 per year	A new project newsletter has been released in 2023. It represents the results of the last year of the project to update the audience of the achievements thus far.	3	

Dissemination tool	KPI description	Target	Actions during project	KPI value	Status
Attendance to events	Number of events attended	5 per year	<p>The number of events attended in the third period are:</p> <ul style="list-style-type: none"> <li>• presenting results:4</li> <li>• without presentation: 10, most of them virtually, with the exception of the Brussels Urban Summit and OASC Annual Summit.</li> </ul>	12 (as presenters) + 14 (attendance without presentation)	
Organisation of events	Number of organised events	1 workshop	The final event under the umbrella of OASC Annual Submit and two co-coordinated with other projects in the BDVA and Living.EU area.	2 + 3 (co-coordinated)	

### 3.3 Future plans for dissemination

The letter of intent for the creation of the “URBANITE ALLIANCE” includes the following plans for dissemination.

- I. Dissemination and communication
  - a. Each partner shall provide information about URBANITE results on events and conferences.
  - b. Each partner shall use URBANITE logo on websites and other communication/dissemination materials.
  - c. Each partner shall encourage developers to join URBANITE open-source community.

## 4 Communication activities

A communication plan is an important tool of the project URBANITE as well since it lays down what communication measures need to be taken in order to properly promote the project and provide branding. This deliverable briefly recaps the aims of the communication plan defined in D7.2 [2], and then reports on the actions which have been implemented. Furthermore, it provides an assessment of the executed activities in accordance with the KPIs laid down.

### 4.1 Objectives

The main aim of the communication report is to provide a short recap of the communication strategy from D7.2, an overview of the activities executed in this last period, and to assess and evaluate the performed actions, to check if the KPIs have been achieved.

The communication plan's objectives are as follows:

- Present the implementation of communication activities outlined in the communication strategy in the deliverable D7.2
- Assess and evaluate the described communication activities in the context of achieving KPIs, which were set out in the deliverable D7.2
- Assess and evaluate whether the communication activities performed raised awareness about the project, its concept, approach, solution, and findings to identified stakeholders.

### 4.2 Executed action and results

The envisioned communication activities in this third period are presented in the table below and represent a basis for the reporting on executed communication activities:

*Table 11. Communication activities*

Means	Purpose
Press release(s)	Awareness Information Promotion

<b>Social Media</b>	Awareness Information Engagement Promotion
<b>Blog</b>	Awareness Information Engagement

#### 4.2.1 Press Release

A third press release has been created in 2023 for the URBANITE project. It has been translated into the national languages of the partners, and it recaps the achievements the project has produced in these 3 years. It is presented in Figure 24 and the different translations are available in section 8.2.

**Press release**

URBANITE successfully validates its tools and knowledge around the adoption of disruptive technologies for a data-based policy making in urban mobility domain

On June 14th, the Final Event of the European H2020 project URBANITE, coordinated by TECNALIA Research & Innovation, took place. The main outcomes of the project were described and showcased: the tools, the different use cases and the main recommendations. The event was an opportunity to show the different functionalities available around data, from its gathering, preparation and exploitation, and to provide insights on the benefits advanced analytics, prediction, simulation, recommendation and dashboarding methods, can give to policy-makers, public technicians and civil servants. The URBANITE project has also worked towards the overcoming of information silos and driving decision-makers to use and share more data for the benefit of improved decision making based on knowledge.

The project deals with the following aims:

- Make the most out of data**  
Prepare the data and make it usable with the URBANITE data curation components: data quality checks, transform unstructured information into high quality data sets, address privacy issues with anonymization and pseudonymization, guarantee data interoperability.
- Make the data management process more efficient**  
Handle the entire process: fetch data from various heterogenous sources, transform, fuse and map it and store it in dedicated databases ready for its use.
- Learn from short- intermediate- and long-term trends to improve urban mobility** e.g. learn from the trends of peak hours in which a street is blocked or from the use of a certain transportation system (bikes, public transport, etc.). Data analysis results will be visualized to show traffic density, traffic flows, points of interest etc.

The project obtained the following key results:

- Anticipate behaviours and delimit unforeseen consequences**  
Simulate the effect of different traffic situations (through the use of artificial intelligence algorithms), e.g., simulate the effect of opening a pedestrian street at certain times, create new infrastructures o public transport services.
- Identify potentially problematic or otherwise important events.** These events would have a high price if discovered in the real life. Identify events with cutting edge detection methods and validate mobility policies in a virtual environment with simulation techniques.
- Create public policies and services “with” people and not just “for” them.** Put people at the centre of urban mobility policy making, making sure policies are based on shared values and principles and address effective needs of the citizens and relevant stakeholders.
- Foster cross-departmental collaboration by creating an urban ecosystem** Optimize urban management by involving public administrations, private transport companies and citizens.
- Boost and guide an efficient and successful digital transformation.** Get guidance on the adoption and implementation of big data, artificial intelligence and algorithms in urban mobility decision making.

The project obtained the following key results:

- **Social Policy Labs (SoPoLab).** A digital co-creation environment and a set of approaches to help co-design and co-create policy guidelines with all involved actors.
- **Data Management Platform,** a platform supporting the entire data processing chain from collection, processing to using the data.
- **Decision-Support System,** powerful analytics tools that combine multiple data sources with advanced algorithms, simulation, recommendation, and advanced visual analytics.
- **Recommendations and Pathways,** pathways to provide public administrations guidance on the adoption of disruptive technologies and data in their policy-making processes.

Figure 24. Press Release

#### 4.2.2 Social Media

Profiles of social networks (Twitter, LinkedIn, SlideShare, Youtube) were created in the first month of the project, with a special focus on Twitter. Social networks were identified as one of the main means to raise awareness, specially at the beginning of the project, considering the reduced number of events taking place due to COVID-19.

Social media provides a good platform for outreach because of its ease of use, supported by the growing number of users, individuals, businesses, research projects, and public institutions that are already accustomed to communicating through these means. URBANITE also profits from social media and uses it as a channel to reach the project’s target audiences.

The selected media were Twitter, SlideShare, YouTube and LinkedIn. The messages launched revolve mainly around the topics of #UrbanMobility, #Planning, #Urban policies, #mobility and



#Policy makers and are used to attract traffic to the project's website, the main means for dissemination.

In the following sections, it is explained how each social network was used.

#### 4.2.2.1 *Twitter*

The Twitter account of the project is @urbaniteh2020

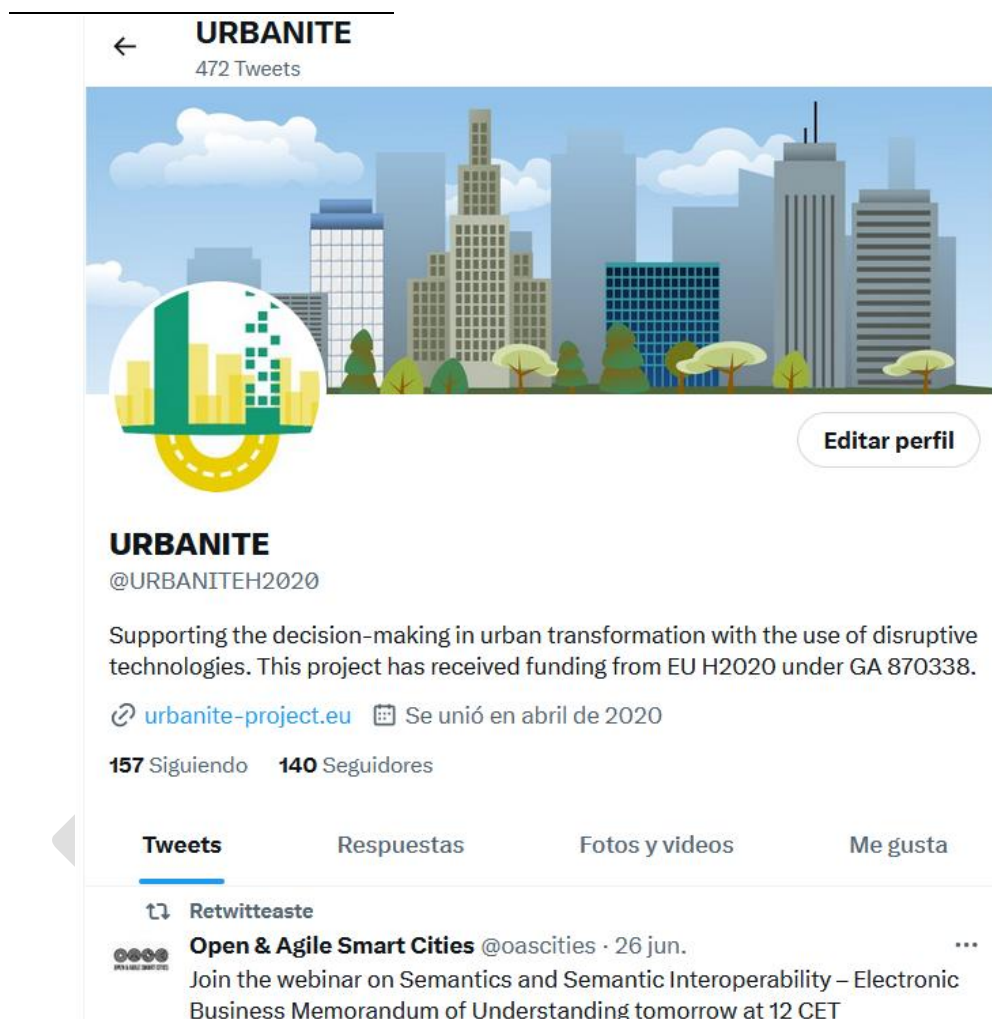


Figure 25. URBANITE twitter account

Twitter is, among the project's social networks, the most prominent one. These tweets are related to the topics mentioned beforehand. They are both original contents (e.g., attendance to events, blog posts, press releases, source code releases) or retweets of content from external stakeholders that the project finds interesting and relevant, such as research findings, innovation, developments, market analysis and events.

Whenever a certain happening has occurred, such as a blog post, the publication of the deliverables on the website, a presentation uploaded to SlideShare, the project's tweet account always includes detailed information, the URL to the information on the website and

relevant hashtags. The objective of including the URL to the information on the website is to generate interest also on additional content of the website and thus increase awareness of the project.

Furthermore, the project Twitter account promotes conversation and multimedia content (e.g., images, short videos) to make the tweets more attractive. In addition to the above, URBANITE partners use their respective Twitter channels to promote events and news directly.

As part of the analysis of the adequacy of the project's communication strategy, the followers of Twitter have been studied to see if the project is reaching the defined target audiences or not, as shown below.

- **Scientific Community (H2020 Projects, IPR):**



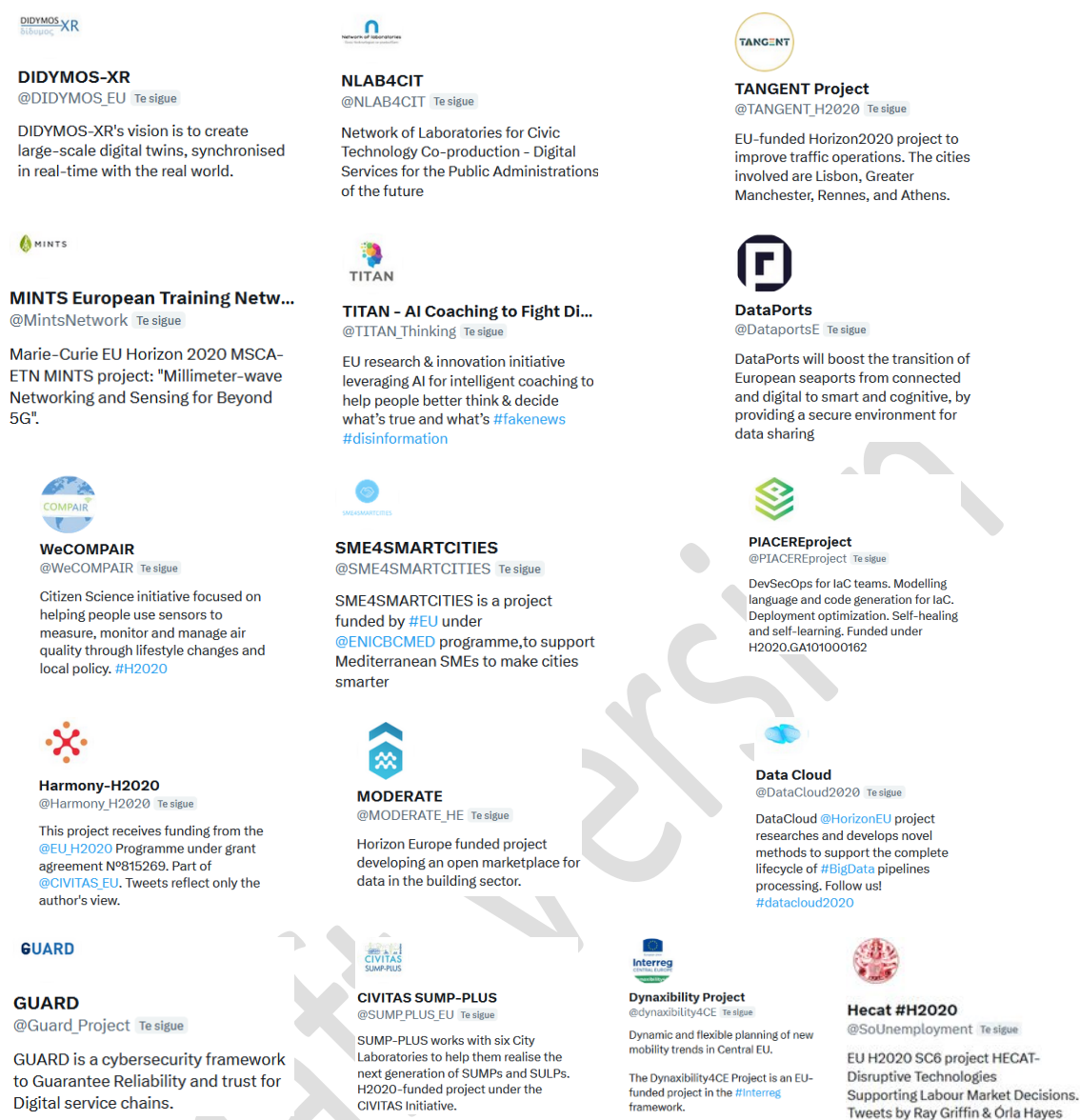


Figure 26. Twitter followers: H2020 projects





Figure 27. Twitter followers: Mobility and urbanism observatories and conferences

### ● Individual Experts in the technologies of the project

During this last period, the project was devoted to working with institutions, researchers, team members and other relevant stakeholders with a strong social media presence to communicate information about URBANITE in order to reach a wider audience and launch relevant discussions.

#### 4.2.2.1.1 Twitter KPIs

URBANITE's Twitter account has, as of June 2023, (for the last 28 days), 1039 tweet impressions and 139 followers.



Figure 28. URBANITE Twitter account most significant figures

The following figures depict the activity of the project's account during the third year of the project. On Twitter as on the web, the blog posts and events mark the periods of greatest impact.

At the moment of the preparation of this report [analytics.twitter.com](https://analytics.twitter.com) is working on improvements, so only information from the last three months is available.

Sus Tweets consiguieron **1.8K impresiones** en este período de **89 días**

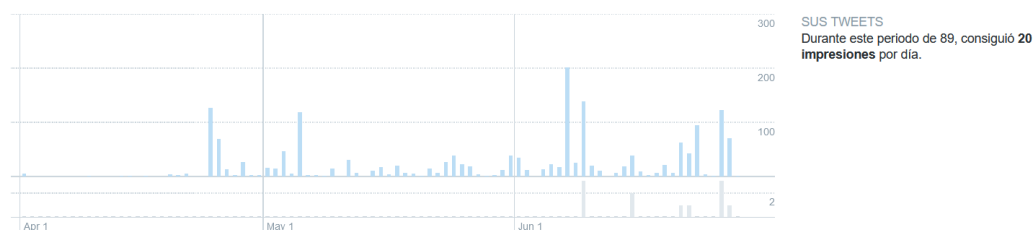


Figure 29. Twitter activity registry

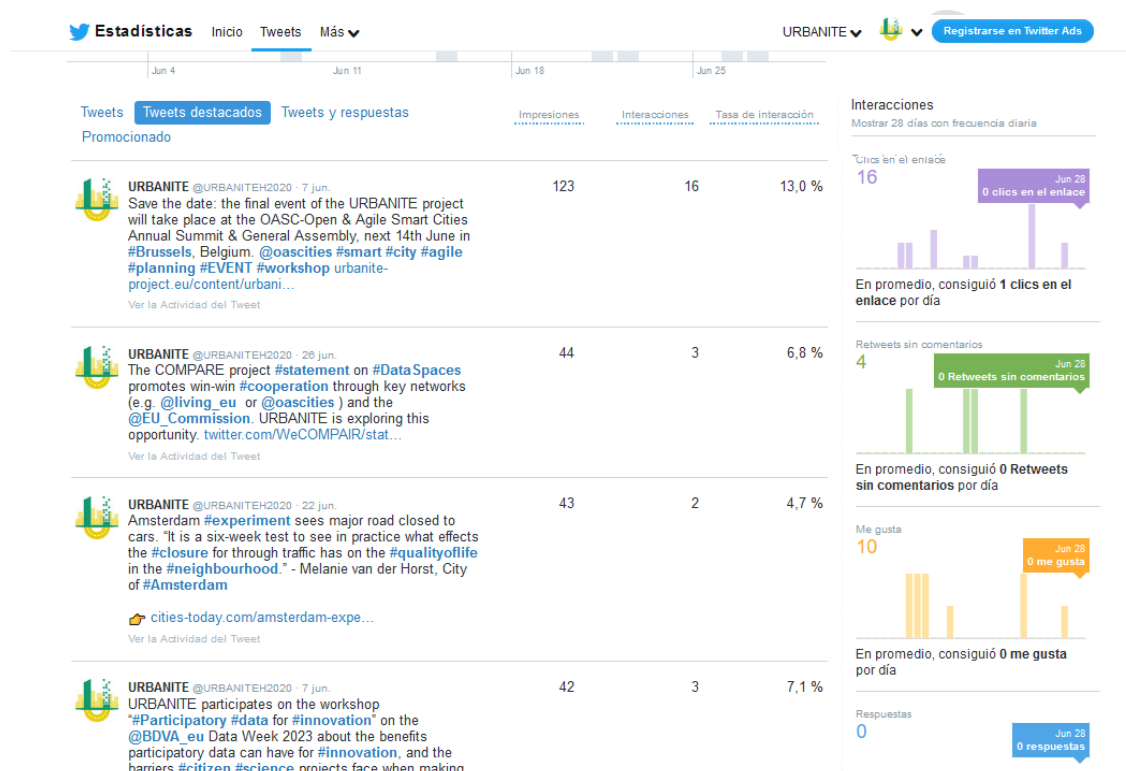


Figure 30. Some of the most relevant tweets (related to use cases, general assembly and collaborations)

#### 4.2.2.2 URBANITE LinkedIn Group

Additionally, a LinkedIn Group of URBANITE was created and can be found at:

<https://www.linkedin.com/groups/13927654/>



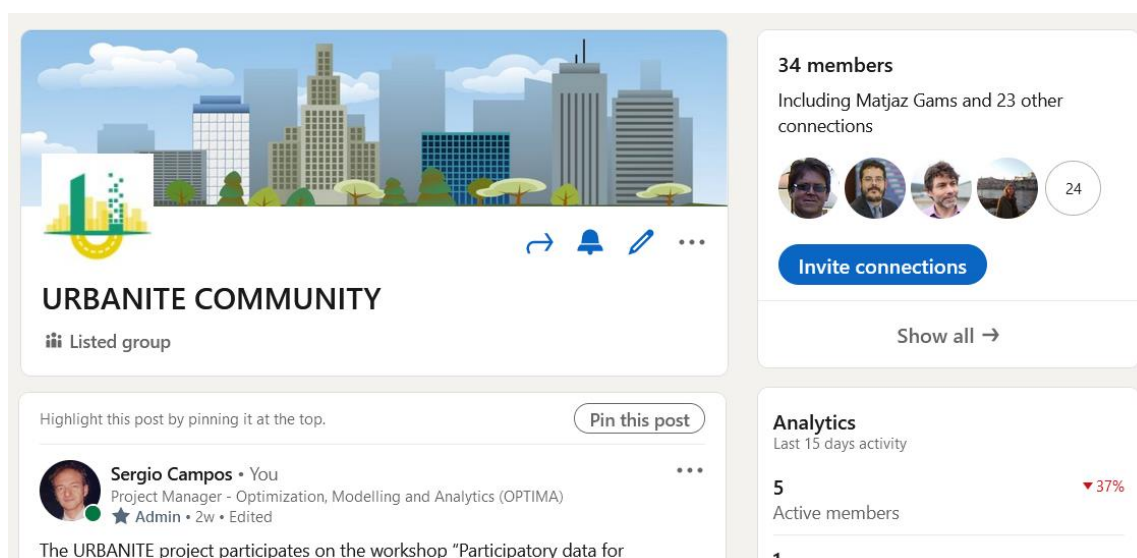


Figure 31. URBANITE LinkedIn Group

LinkedIn is a social network focused on individual professionals. The launching of the URBANITE Network group ensures more visibility, it allows enough activity and content to be shared.

During this third reporting period, thanks to the Urbanite project results that have been obtained by the different project partners, the project has increased its effort in this social network as it is an excellent tool to show the project's achievements. The URBANITE COMMUNITY group has defined itself as a "Listed group", adopting the strategy of participating individually in relevant forums, promoting the project knowledge and attracting new followers, and specialists in the field if they express interest.

#### 4.2.2.2.1 *LinkedIn KPIs*

The URBANITE LinkedIn group currently (as of June 27<sup>th</sup>, 2023) has 34 members and 24 posts.

#### 4.2.2.3 *YouTube*

The YouTube channel can be found at: <https://www.youtube.com/@UrbaniteH>.



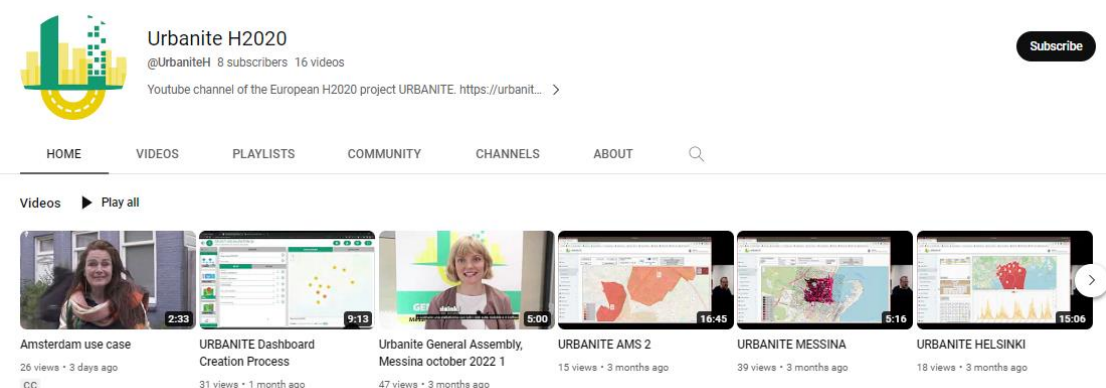


Figure 32. URBANITE Youtube profile

In principle, the aim of the YouTube profile is not to generate direct traffic to the project's website as with other social media but rather to use it as a channel in which to place all videos generated during the project. At the time of writing of this deliverable, the YouTube profile contains 16 videos.

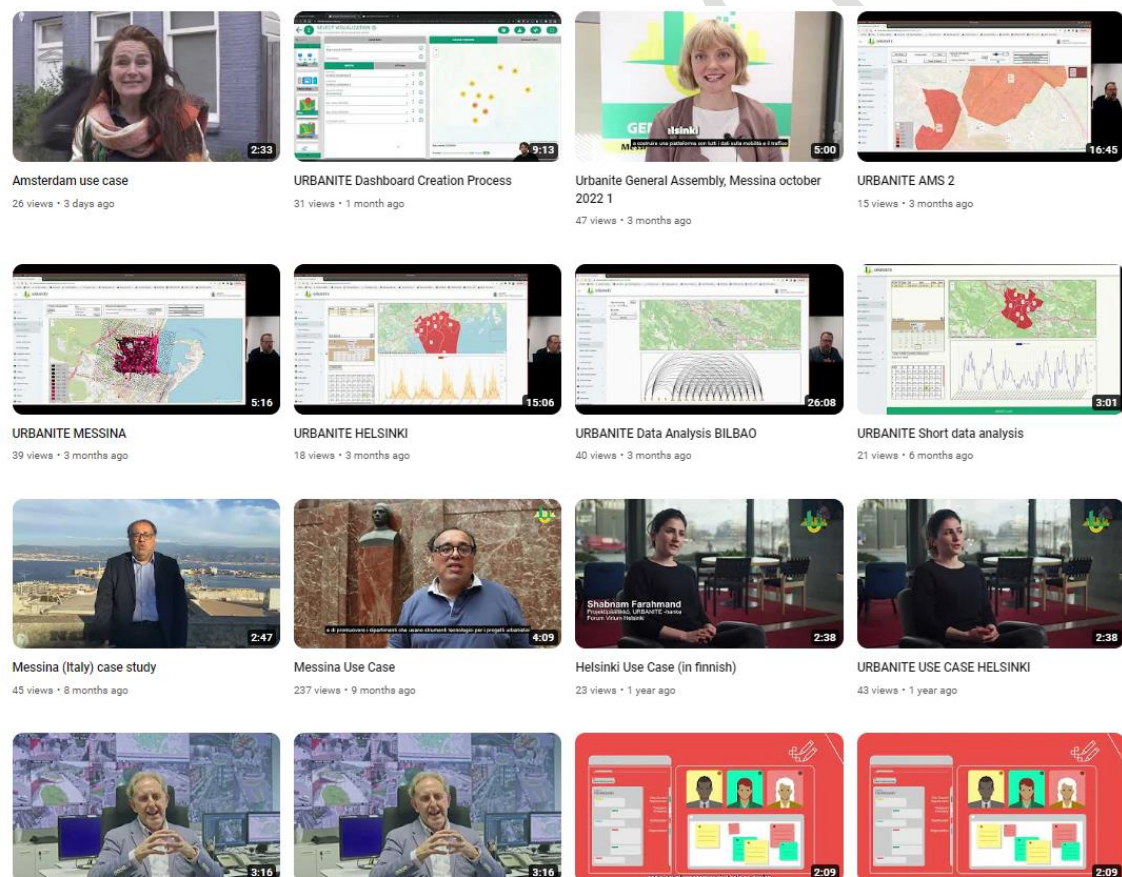


Figure 33. URBANITE Youtube videos

#### 4.2.2.4 SlideShare

The SlideShare profile for the project can be found at: <https://www.slideshare.net/URBANITEProject>.

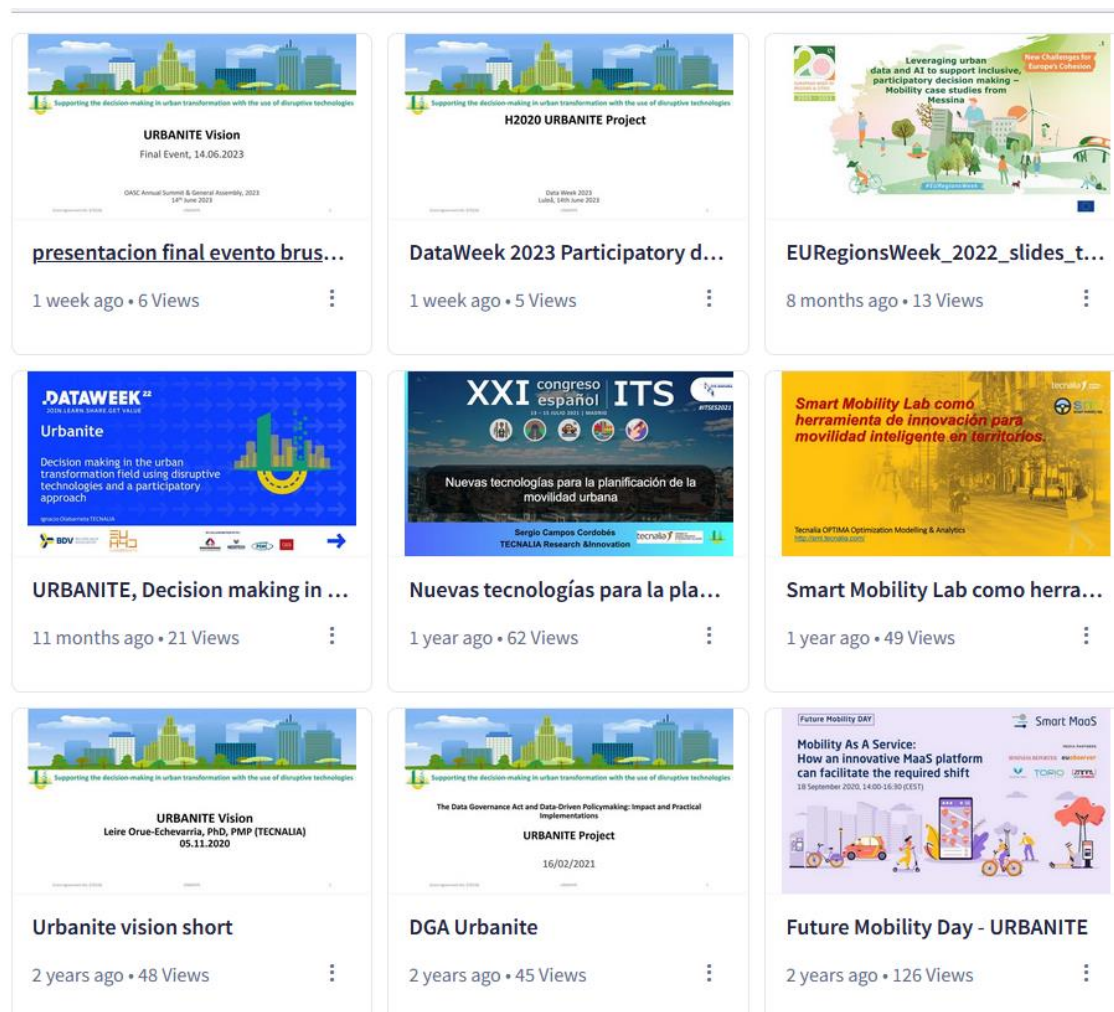


Figure 34. SlideShare URBANITE

The SlideShare account was defined to contain relevant presentations of URBANITE, generic or specific, presenting the project results and achievements. SlideShare is used to spread the project achievements to all target groups. SlideShare allows the publication of presentation contents with no limits on the number of pages or characters. Currently, it contains nine presentations. The presentations added during this last year are the following:

- Future Mobility Day - URBANITE.FI-WARE's Future Mobility Day (German) URBANITE, Decision making in the urban transformation field using disruptive technologies and a participatory approach URBANITE was presented jointly with URBANAGE, DECIDO and PolicyCLOUD projects in Data Week 2022 in session: Disruptive technologies empowering decision-making in the public sector.
- Data-driven cities: digital technologies for inclusive and sustainable decision-making processes. Presentation of the Messina use case, realised by the Municipality.
- Dataweek-2023-participatory-data-for-innovation-urbanite DataWeek 2023 Participatory data for innovation, presentation around data.
- Presentation for the final event (OASC Annual summit). Presentation for the final event (OASC Annual summit) 14th June, 2023, brief presentation of the project results, use cases and conclusions.

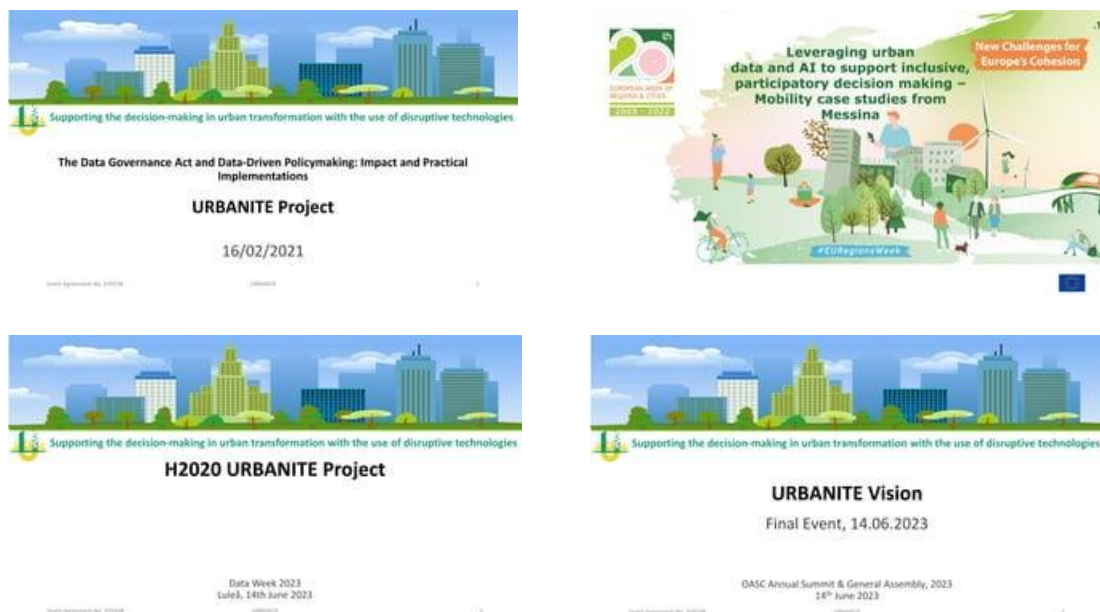


Figure 35. PowerPoint Presentations used in several conferences and dissemination acts

### 4.2.3 Blog

Blogs are an efficient tool for informing the wider audience about what is currently taking place in the project in a simplified manner. Partners have been designated to contribute blogs on specific dates in a rotational way. The blogs are then published on the website: <https://urbanite-project.eu/content/blog>.

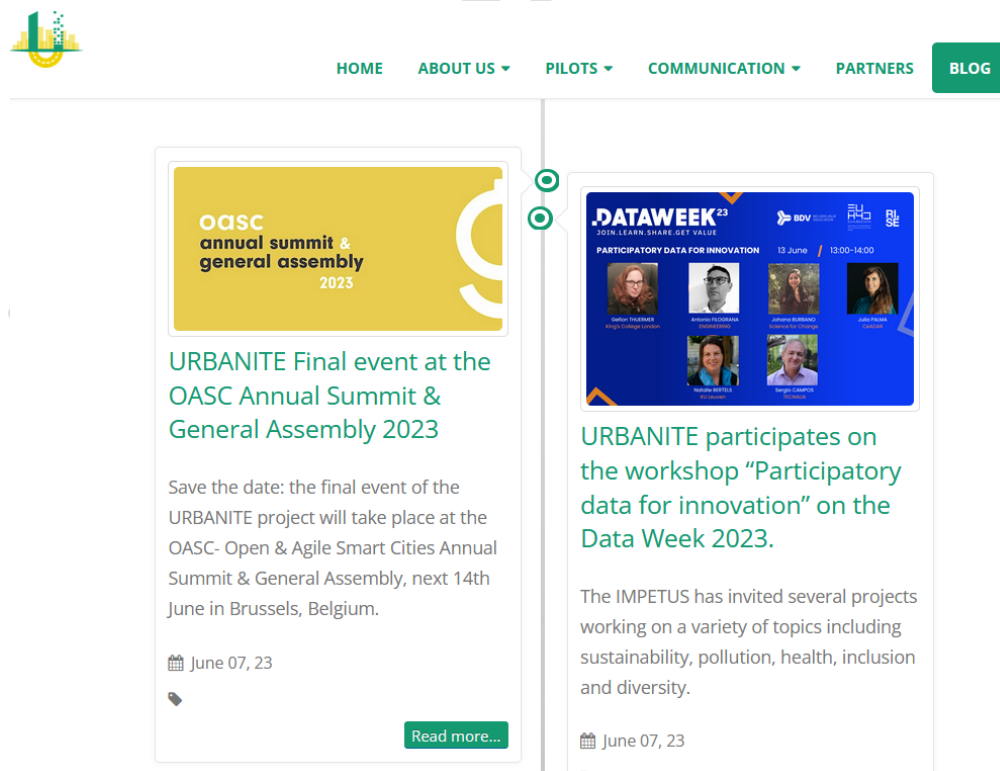


Figure 36. URBANITE Blogs

So far, there are 41 blog entries posted on the website. The entries published during this third period (M25-M39) are listed in Table 13 whereas Table 12 contains the list of blogs published in previous periods (M1-M24).

The URBANITE blog is used, as explained beforehand, also in coordination with the social media profiles. This strategy shows that the project is on the right track, as indeed, nowadays, whenever a blog post is published, the visit number to the URBANITE website peaks.

Draft Version



Table 12. Blog entries from the first and second period (M1-M24)

No.	Title of blog entry	Main author	Release Date	URL
1	Some insights on the acceptance of disruptive technologies by mobility policy-makers	TEC	Oct 2020	<a href="https://www.urbanite-project.eu/content/some-insights-acceptation-disruptive-technologies-mobility-policy-makers">https://www.urbanite-project.eu/content/some-insights-acceptation-disruptive-technologies-mobility-policy-makers</a>
2	How the city of messina is dealing with the digital transformation of urban service	Messina and Alma Digit	Nov 2020	<a href="https://www.urbanite-project.eu/content/how-city-messina-dealing-digital-transformation-urban-service">https://www.urbanite-project.eu/content/how-city-messina-dealing-digital-transformation-urban-service</a>
3	Strategies and algorithms for data modelling and visualizations	JSI	Dic 2020	<a href="https://urbanite-project.eu/content/strategies-and-algorithms-data-modelling-and-visualizations">https://urbanite-project.eu/content/strategies-and-algorithms-data-modelling-and-visualizations</a>
4	Shape the future of urban mobility through the effective adoption of disruptive technologies	ENG	Dic 2020	<a href="https://urbanite-project.eu/content/shape-future-urban-mobility-through-effective-adoption-disruptive-technologies">https://urbanite-project.eu/content/shape-future-urban-mobility-through-effective-adoption-disruptive-technologies</a>
5	Enabling mobility planners in using the city's traffic and mobility data: Case Helsinki, Finland	Forum Virium	Jan 2021	<a href="https://urbanite-project.eu/content/enabling-mobility-planners-using-city%E2%80%99s-traffic-and-mobility-data-case-helsinki-finland">https://urbanite-project.eu/content/enabling-mobility-planners-using-city%E2%80%99s-traffic-and-mobility-data-case-helsinki-finland</a>
6	Data Sources for urban mobility in URBANITE project	FrH	Feb 2021	<a href="https://urbanite-project.eu/content/data-sources-urban-mobility-urbanite-project">https://urbanite-project.eu/content/data-sources-urban-mobility-urbanite-project</a>
7	Better mobility together	WAAG	Mar 2021	<a href="https://urbanite-project.eu/content/better-mobility-together">https://urbanite-project.eu/content/better-mobility-together</a>
8	General challenges in mobility management for Bilbao Use Case.	BIL	Mar 2021	<a href="https://urbanite-project.eu/content/general-challenges-mobility-management-bilbao-use-case">https://urbanite-project.eu/content/general-challenges-mobility-management-bilbao-use-case</a>
9	Co-creating a bicycle city	Danai Papathanasiou	May 2021	<a href="https://urbanite-project.eu/content/co-creating-bicycle-city-0">https://urbanite-project.eu/content/co-creating-bicycle-city-0</a>
10	URBANITE's SoPoLabs - Collective creativity and participation producing social value	WAAG	May 2021	<a href="https://urbanite-project.eu/content/urbanite%E2%80%99s-sopolabs-collective-creativity-and-participation-producing-social-value">https://urbanite-project.eu/content/urbanite%E2%80%99s-sopolabs-collective-creativity-and-participation-producing-social-value</a>
11	Virtual Device Model extending NGSI-LD for FaaS at the Edge	AD	Jun 2021	<a href="https://urbanite-project.eu/content/virtual-device-model-extending-ngsi-l-d-faas-edge">https://urbanite-project.eu/content/virtual-device-model-extending-ngsi-l-d-faas-edge</a>
12	Simulation scenarios for cities	JSI	Jun 2021	<a href="https://urbanite-project.eu/content/simulation-scenarios-cities">https://urbanite-project.eu/content/simulation-scenarios-cities</a>

13	URBANITE Workshop 2021, 8 October 2021, Slovenia	JSI	Aug 2021	<a href="https://urbanite-project.eu/content/urbanite-workshop-2021-8-october-2021-slovenia">https://urbanite-project.eu/content/urbanite-workshop-2021-8-october-2021-slovenia</a>
14	Harvesting of Data in URBANITE	Frh	Dic 2021	<a href="https://urbanite-project.eu/content/harvesting-data-urbanite">https://urbanite-project.eu/content/harvesting-data-urbanite</a>
15	How disruptive technologies can strengthen urban mobility transformation, the experience of URBANITE	ENG	Dic 2021	<a href="https://urbanite-project.eu/content/how-disruptive-technologies-can-strengthen-urban-mobility-transformation-experience-urbanite">https://urbanite-project.eu/content/how-disruptive-technologies-can-strengthen-urban-mobility-transformation-experience-urbanite</a>
16	URBANITE GENERAL ASSEMBLIES	TEC	Dic 2021	<a href="https://urbanite-project.eu/content/urbanite-general-assemblies">https://urbanite-project.eu/content/urbanite-general-assemblies</a>
17	URBANITE MOBILITY DATA ANALYSIS TOOLS	TEC	Jan 2022	<a href="https://urbanite-project.eu/content/urbanite-mobility-data-analysis-tools">https://urbanite-project.eu/content/urbanite-mobility-data-analysis-tools</a>
18	URBANITE: Messina Use Case in Smart Mobility Scenario	Messina	Jan 2022	<a href="https://urbanite-project.eu/content/urbanite-messina-use-case-smart-mobility-scenario">https://urbanite-project.eu/content/urbanite-messina-use-case-smart-mobility-scenario</a>
19	Applicable European Regulations for Data-driven Policy-making	TEC	Jan 2022	<a href="https://urbanite-project.eu/content/applicable-european-regulations-data-driven-policy-making">https://urbanite-project.eu/content/applicable-european-regulations-data-driven-policy-making</a>
20	The URBANITE integrated architecture	TEC	Feb 2022	<a href="https://urbanite-project.eu/content/urbanite-integrated-architecture">https://urbanite-project.eu/content/urbanite-integrated-architecture</a>
21	Exploring the potential of mobility data commons in Amsterdam	AMST	Feb 2022	<a href="https://urbanite-project.eu/content/exploring-potential-mobility-data-commons-amsterdam">https://urbanite-project.eu/content/exploring-potential-mobility-data-commons-amsterdam</a>

Table 13. Blog entries from the third period (M25-M39)

No.	Title of blog entry	Main author	Release Date	URL
22	An Overview of Transport Modelling Approaches – A Use Case Study of Helsinki	Forum Virium	Mar 2022	<a href="https://urbanite-project.eu/content/overview-transport-modelling-approaches-%E2%80%93-use-case-study-helsinki">https://urbanite-project.eu/content/overview-transport-modelling-approaches-%E2%80%93-use-case-study-helsinki</a>
23	URBANITE participates on the online workshop at DataWeek 2022	TEC	May 2022	<a href="https://urbanite-project.eu/content/urbanite-participates-online-workshop-dataweek-2022">https://urbanite-project.eu/content/urbanite-participates-online-workshop-dataweek-2022</a>



24	A step towards a Social Policy for Amsterdam cycling datacommons	WAAG	August 2022	<a href="https://www.urbanite-project.eu/content/step-towards-social-policy-amsterdam-cycling-datacommons">https://www.urbanite-project.eu/content/step-towards-social-policy-amsterdam-cycling-datacommons</a>
25	SoPoLab First Session: Ask: defining challenges and formulating shared values and principles	TEC	September 2022	<a href="https://www.urbanite-project.eu/content/sopolab-first-session-ask-defining-challenges-and-formulating-shared-values-and-principles">https://www.urbanite-project.eu/content/sopolab-first-session-ask-defining-challenges-and-formulating-shared-values-and-principles</a>
26	European Week of Regions and Cities	ENG	October 2022	<a href="https://urbanite-project.eu/content/european-week-regions-and-cities">https://urbanite-project.eu/content/european-week-regions-and-cities</a>
27	Measuring the Confidence of Forecasting Models	TEC	October 17, 2022	<a href="https://urbanite-project.eu/content/measuring-confidence-forecasting-models">https://urbanite-project.eu/content/measuring-confidence-forecasting-models</a>
28	Simulations can provide robust support for more sustainable traffic planning	Forum Virium	November 02, 2022	<a href="https://urbanite-project.eu/content/simulations-can-provide-robust-support-more-sustainable-traffic-planning">https://urbanite-project.eu/content/simulations-can-provide-robust-support-more-sustainable-traffic-planning</a>
29	Co-creation activities in Messina towards shared urban mobility solutions	Messina and Alma Digit	November 15, 2022	<a href="https://urbanite-project.eu/content/co-creation-activities-messina-towards-shared-urban-mobility-solutions">https://urbanite-project.eu/content/co-creation-activities-messina-towards-shared-urban-mobility-solutions</a>
30	8th General Assembly in Messina	TEC	November 22, 2022	<a href="https://urbanite-project.eu/content/8th-general-assembly-messina">https://urbanite-project.eu/content/8th-general-assembly-messina</a>
31	Data handling and transformation in Urbanite	Fraunhofer	November 30, 2022	<a href="https://urbanite-project.eu/content/data-handling-and-transformation-urbanite">https://urbanite-project.eu/content/data-handling-and-transformation-urbanite</a>
32	9th General Assembly, putting the platform on the table	TEC	December 21, 2022	<a href="https://urbanite-project.eu/content/9th-general-assembly-putting-platform-table">https://urbanite-project.eu/content/9th-general-assembly-putting-platform-table</a>
33	2022 General Assemblies	TEC	December 23, 2022	<a href="https://urbanite-project.eu/content/2022-general-assemblies">https://urbanite-project.eu/content/2022-general-assemblies</a>
34	Data handling and transformation in Urbanite		March 03, 2023	<a href="https://urbanite-project.eu/content/data-handling-and-transformation-urbanite-0">https://urbanite-project.eu/content/data-handling-and-transformation-urbanite-0</a>
35	URBANITE participates on the XXIII Spanish ITS Congress / V Iberoamerican (LATAM) ITS Congress	MLC	March 28, 2023	<a href="https://urbanite-project.eu/content/urbanite-participates-xxiii-spanish-its-congress-v-iberoamerican-latam-its-congress">https://urbanite-project.eu/content/urbanite-participates-xxiii-spanish-its-congress-v-iberoamerican-latam-its-congress</a>
36	Awareness Raising Activities for sustainable mobility	Messina and Alma Digit	April 28, 2023	<a href="https://urbanite-project.eu/content/awareness-raising-activities-sustainable-mobility">https://urbanite-project.eu/content/awareness-raising-activities-sustainable-mobility</a>
37	Summary of the SoPoLabs	TEC	April 28, 2023	<a href="https://urbanite-project.eu/content/summary-sopolabs">https://urbanite-project.eu/content/summary-sopolabs</a>

38	Decision-making methods	TEC	June 5, 2023	<a href="https://urbanite-project.eu/content/decision-making-methods">https://urbanite-project.eu/content/decision-making-methods</a>
39	<u>A data-based decision-making</u>	TEC	June, 26, 2023	<a href="https://urbanite-project.eu/content/decision-making-methods">A data-based decision-making   Urbanite Project Website (urbanite-project.eu)</a>
40	Custom dashboards	ENG, MES, AD	June 23, 2023	<a href="https://urbanite-project.eu/content/decision-making-methods">Custom dashboards – A practical example   Urbanite Project Website (urbanite-project.eu)</a>
41	Urbanite: Recommendations for Decision-makers Using Disruptive Technologies	WAAG	July 3, 2023	<a href="https://urbanite-project.eu/content/urbanite-recommendations-decision-makers-using-disruptive-technologies">https://urbanite-project.eu/content/urbanite-recommendations-decision-makers-using-disruptive-technologies</a>

#### 4.2.4 URBANITE solution communication kit

In cooperation with T7.3, the Value Proposition for URBANITE results was prepared (for URBANITE as a whole and for each key result). Both text and representative icons were developed to be used in order to have common messages and visuals to be used by partners when providing a high-level presentation of URBANITE results. These were also used to prepare messages for URBANITE social network activity to create awareness but also to support potential customers in a better understanding of URBANITE value proposition. The kit has been updated during the project lifetime, being included in D7.9 its updated version. For the last event booth, it also includes the use case descriptions to provide real application examples.

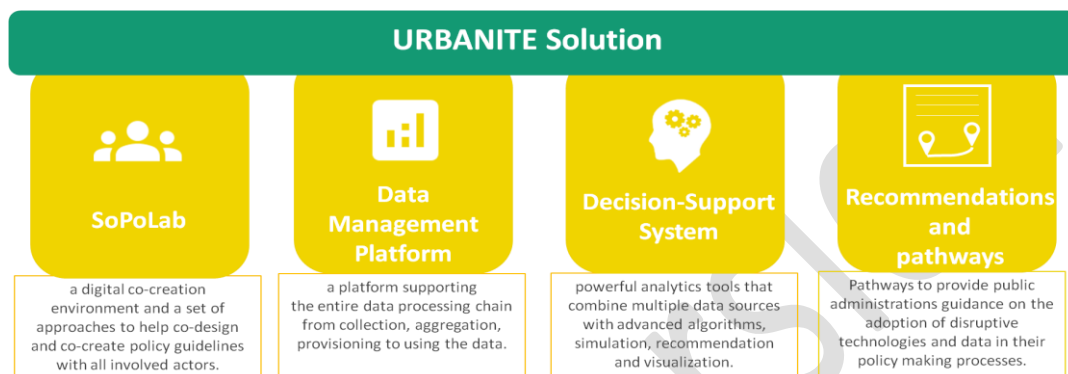


Figure 37. Example of URBANITE Value Proposition messages and visuals




#### 4.3 Communication assessment and evaluation (KPIs)

By assessing and evaluating the process of communication, the tools and activities are significant to acquire an overview of the success or failure of the communication strategy.

In deliverable D7.2, KPIs were set out in order to be able to tell whether or not communication objectives were being achieved. Table 14 lays down the KPIs for communication tools and results belonging to each of the KPIs stated, both for the period M25-M39 and the final values for the whole project.

Table 14. KPIs for communication in M39

Dissemination tool	KPI	Objective	Period 3 (M25-M39)	Final KPI	
URBANITE Website	Yearly visits	>1500	3720	7673	✓
	Duration of visits	More than 2 min.	1:28	1:23	✓
	Monthly downloads: Posters, flyers Public reports	35 50	Access to: publications: 158 deliverables: 343 material: 293	612 386	✓
	Reference from external pages	20 (excluding partner webs)	8		✗

Dissemination tool	KPI	Objective	Period 3 (M25-M39)	Final KPI	
<b>Twitter Feed</b>	Regular tweets or when a relevant milestone is taking place	>150 followers	140 followers	140	
<b>Mass Media</b>	Number of press releases	2 per country in the project	1 new + translations	3 per country	
<b>Collaborative web (blogs, Wikipedia)</b>	Number of entries	5	20	41	

## 5 Networking activities

The networking activities are a significant tool of the project URBANITE. Activities are performed according to the networking plan, which states what needs to be done in order to perform collaboration, cooperation and liaison activities. This deliverable reports on the activities which have been executed during the project. Furthermore, it provides an assessment of the executed activities in accordance with the KPIs laid down.

The networking plan considered in this deliverable is based on the dissemination strategy D7.2 previously adopted.

### 5.1 Executed action and results

The envisioned networking activities are presented in the table below and represent a basis for the reporting on executed networking activities.




Table 15. Networking activities

Means	Purpose
<b>Projects</b>	Promotion Collaboration Cooperation Information Awareness
<b>Networks</b>	Awareness Information Promotion Collaboration Cooperation
<b>Other initiatives and projects</b>	Awareness Information Promotion Collaboration Cooperation

### 5.1.1 Projects







In the dissemination and collaboration plan with other projects, some projects relevant to URBANITE were identified. The table below provides an explanation of the symbols indicating the status of the collaboration:

Table 16. Explanation symbols

	Collaboration has already started – concrete collaboration activities are reported
	Collaboration is envisioned but has not started yet
	Collaboration is not feasible Collaboration has started but could not be continued – concrete collaboration activities are not reported

The process is indicated in Table 17 and Table 18 below:

Table 17. Relevant Projects

Project	Areas for collaboration	Remark	Status
LIDO	The internal project of the city of Helsinki	The target is to build a platform for traffic data	
Mobility ecosystem	The working group initiated by Finnish company (Fintraffic) to bring together potential mobility data stakeholders and foster a functional mobility ecosystem in a broad sense	The target is to address all requirements in developing a prospering mobility ecosystem as well as a comprehensive platform	
Jätkäsaari Smart Junction	The project running in the Helsinki use case area and works as the main data source for the simulations	The target is to benefit from the results of the simulations and build collaborations for obtaining data	
HRT	Meetings with Helsinki Region Transport related to simulations	The target is to understand what kind of simulations HRT is making and needing	
TAILOR	Urban Mobility and AI	Participation in the workshop and guide the breakout session on Urban Mobility domain	
FinTraffic	Focus on mobility ecosystem in Finland and data architecture standards in EU	Joining working group	





HECAT	Disruptive Technologies Supporting Labour Market Decision Making	After exploring opportunities, the collaboration has not materialized.	
URBANAGE	URBAN planning for AGEfriendly cities through disruptive technologies	Join dissemination activities	
ATELIER	Creation and replication Positive Energy Districts (PEDs)	Join network activities Working group on SCPG (Smart City Planning Group) (Bilbao)	
CAPE	to automate the collection and use of privacy preferences expressed by the individual	Initial integration testing of CaPe previous results.	

Table 18. Description of activity with some projects

No.	Project(s) Name	Description of activity
1.	LIDO steering group meeting	6/1 LIDO progress, presenting URBANITE progress, situation with simulations
2	Meeting with the Port of Helsinki about traffic simulations	6/8 Discussing URBANITE simulation and port's targets to develop data approach and data management
3	Meeting with the City's Office and FVH	6/10 City's Office discussing their modelling work
4	Port of Helsinki & FVH	6/23 Discussing Port's data pilot and machine vision development
5	LIDO-tiku meeting with the city	4/1 Discussing user stories and users' experiences with the city, transferring information
6	LIDO steering group meeting	4/26 LIDO progress, presenting URBANITE progress, situation with simulations

7	Atelier WP (Bilbao)	Participation on the SCPG (Smart City Planning Group) with focus on the impact of mobility on urban sustainability. For Bilbao, where the group is coordinated by the City Sustainability Commission. A First internal meeting took place.
8	Atelier WP (Bilbao)	Join network sessions (presentation of H2020 projects to international technological clusters): Digital Cluster of Catalonia, Torino Wireless Cluster, Smart Park (Italy), Electric Vehicle Cluster and the urban mobility company of Sofia (Bulgaria), Energy Cluster and Leipzig Environment (Germany), - Cluster NextMove (France), - Cluster Movinov (Portugal) and Cluster Elinclus (Romania).
9	CAPE	Evaluation and integration testing of CaPe previous results.

### 5.1.2 Other initiatives and projects

Described here are other projects and initiatives with which URBANITE is collaborating and the process of networking which has taken place thus far.

The potential projects and initiatives under this section were laid down in D7.2:

- LIDO Finish initiative
- Future Cloud Cluster
- FIWARE
- BDVA, Big Data Value Association
- OASC, Open and Agile Smart Cities
- Concertation of EU-funded research projects

Out of the listed projects and initiatives, finally networking is taking place or has taken place with the following:

- LIDO Finish initiative
- FIWARE
- BDVA, Big Data Value Association
- OASC, Open and Agile Smart Cities

Firstly, **LIDO Finnish initiative**, an internal project in the Helsinki Use Case. FVH's dissemination plan includes active communication with LIDO-project composition's stakeholders and participating in activities and meetings related to it. The summary of executed activities is already archived as monthly reports in compliance with URBANITE's dissemination process. LIDO is the City of Helsinki's and Forum Virium Helsinki's internal project with the aim to build a platform for traffic data that provides:

1. situational snapshot of real-time traffic as well as statistical information
2. means for managing traffic data and performing analytics to support decision-making



The tables below provide an overview of the LIDO networking process. The explanation symbols are the same as those in Table 16.

Table 19. Other relevant initiatives (LIDO)



Project	Areas for collaboration	Remark	Status
LIDO	The internal project of the city of Helsinki	The target is to build a platform for traffic data	

Table 20. Description of activity with project LIDO

No.	Project(s) Name	Description of activity
1.	LIDO	See Table 18 Description of activity with projects

**FIWARE** (Future Internet Ware) was also identified in deliverable D7.2 for URBANITE networking activities. Engineering is one of the ICT players that support the Fiware consortium, Engineering is co-founder of the FIWARE Foundation.


Table 21. Other relevant initiatives (FiWare)

Project	Areas for collaboration	Remark	Status
Fiware	Mobility, Smart cities	Architectural and technical components	

URBANITE, and Messina case, in particular, was included in FIWARE Smart Cities Booklet, which was released in April. After its publication, ENG gave visibility to the booklet through its twitter account. Contribution for FIWARE Smart Cities booklet has been prepared with the support of Alma Digit and C. Messina.

Additionally, we have the **Big Data Value Association (BDVA)**. TECNALIA and Engineering are part of the Big Data Value Association and they analyse the potential collaboration with any action organised through it or through any of their partners regarding the Data management module developed in URBANITE.

Table 22. Other relevant initiatives (Big Data Value Association)

Project	Areas for collaboration	Remark	Status
OASC, Open and Agile Smart Cities	Smart cities, platform, interoperability	Networking, sharing of knowledge and	

		sustainability of the platform.	
--	--	---------------------------------	--

URBANITE participated in the workshop “Participatory data for innovation” during the Data Week 2023, organized by BDVA, discussing with other projects about the benefits that participatory data can have for innovation, and the barriers citizen science projects face when making their data available to innovators and policy-makers.





Lastly, we have **OASC- Open & Agile Smart Cities**, a network that connects cities & communities worldwide to learn from each other and exchange digital, data-driven solutions. The final event of URBANITE took place on the annual summit in Brussels. The event was an opportunity to better understanding the Specification and Application Programming Interface (API) layer that support the interoperability with its technical architecture for external communities and developers. This interoperability is defined by the Minimal Interoperability Mechanisms (MIMs).

The URBANITE Consortium is analyzing the opportunity to allocate some of the results or components in the OASC Open Repository.

## 5.2 Networking assessment and evaluation

The following table presents URBANITE final indicators regarding networking activities during the project, based on the KPIs set in deliverable D7.2.

Table 23. URBANITE success indicators

KPI name	Description	Objective	KPI Value	KPI (M39)
Technological collaboration	Join forces in enhancing and developing	At least one technological asset	1 (CaPE) (*)	
Events co-organised	Workshops and/or satellite events and/or joint sessions	At least 2	3	
Joint dissemination and training	Joint papers and/or articles Creation of dissemination material	At least 2	1 (**)	
WG	Working Groups	More than 3	1 (***)	

(\*) Collaboration with CaPE Project. The personal data suggests following a user-centric approach of data sharing, introducing aspects both, ethical, legislative and technical (interoperability). CaPE is a technological solution to automate the collection and use of privacy preferences expressed by the individual. During the project, its integration into existing dataflow for the collection of the acceptance of privacy disclaimers was evaluated and tested.

(\*\*) Post-webinar report: “The Data Governance Act and Data-Driven Policy Making Impact and Practical Implementations”, where a set of recommendations for SMEs, policy-makers and



public administrations working on data-driven policy-making is shared (available here: <https://www.policycloud.eu/news-events/events/data-governance-act-and-data-driven-policy-making-impact-and-practical>).

(\*\*\*) Collaboration with ATELIER Project.

### 5.3 Future networking plan

Partners will continue with the networking tasks together with the projects identified and contacted during the project, promoting thematic workshops in areas of potential collaboration such as data-based policy management and mobility planning. Specifically, with OASC and FiWare initiatives, potential collaborations and sharing of source code giving more impact to the developments carried out in URBANITE are being analyzed (more detail in D7.9). Additionally, new possibilities of collaboration with projects of subsequent calls for the same call and other relevant initiatives will be explored.

Table 24. New potential projects for collaboration

Project	Overview	Objective and scope	Potential areas of collaboration	Status
	Collaborative, Secure, and Replicable Open Source Data Lakes for Smart Cities	Define an architecture and create a FLOSS community.	Sharing experiences, interoperability analysis and potentially use a common repository	

Finally, Horizon Results Booster is a new package of specialized services to maximize the impact of R&I public investment and further amplify the added value of the Framework Programmes (FPs). URBANITE deepened the existing relationship with previously identified projects.

## 6 Conclusions

This document presented the dissemination, networking and communication report of activities carried out in the third period, i.e., from M25 to M39. It provides an overview of the conducted activities of dissemination, communication and networking nature and an assessment in order to see if the execution corresponded with the objectives (KPIs) set in deliverable D7.2.

Regarding the dissemination activities, the project has successfully achieved the expected KPIs regarding the creation of dissemination material (brochures, posters, press releases, videos and newsletters), publications and organisation and attendance to events. Although the scientific publications have not been published yet, they have already been accepted in journals.

Regarding the networking activities, effort has been set on joint events and workshops with other projects or organisations in order to reach a wider audience. However, it has not been possible to collaborate technologically with partners outside the consortium. Therefore, the focus was set on reusing solutions like Piveau, Idra, etc. and enhancing their functionalities with Urbanite developments and use cases. Besides, CaPe solution was analysed for addressing the management of personal data.

Finally, regarding the future sustainability of the platform, in coordination with the exploitation activities, collaboration with ODALA project is being analysed.

## 7 References

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## 8 Annex A - Detailed information on dissemination

This Annex includes further detailed information on two dissemination tools, those being the URBANITE newsletter and press release. The latter is presented in its original English version and translated versions into the national languages of the partners.

### 8.1 Newsletter

As per the set objectives for dissemination activities, the third newsletter presenting the results of the last fifteen months of the project is available at <https://urbanite-project.eu/content/newsletter-2023> in Html format.



Figure 38. URBANITE 2023's Newsletter

### 8.2 Press Release

The press release was translated from English into the national languages of consortium partners. The translated versions presented in this section are available in Spanish, German, Dutch, Finnish, Italian and Slovenian languages, as well as the original English version.

All of the stated press releases are available at the URBANITE website: <https://urbanite-project.eu/content/communication-material> in pdf format.



## 8.2.1 English Version



# Press release

URBANITE successfully validates its tools and knowledge around the adoption of disruptive technologies for a data-based policy making in urban mobility domain

On June 14th, the Final Event of the European H2020 project URBANITE, coordinated by TECNALIA Research & Innovation, took place. The main outcomes of the project were described and showcased: the tools, the different use cases and the main recommendations. The event was an opportunity to show the different functionalities available around data, from its gathering, preparation and exploitation, and to provide insights on the benefits advanced analytics, prediction, simulation, recommendation and dashboarding methods, can give to policy-makers, public technicians and civil servants. The URBANITE project has also worked towards the overcoming of information silos and driving decision-makers to use and share more data for the benefit of improved decision making based on knowledge.

The project deals with the following aims:



### **Make the most out of data**

Prepare the data and make it usable with the URBANITE data curation components: data quality checks, transform unstructured information into high quality data sets, address privacy issues with anonymization and pseudonymization, guarantee data interoperability.



### **Make the data management process more efficient**

Handle the entire process: fetch data from various heterogenous sources, transform, fuse and map it and store it in dedicated databases ready for its use.



**Learn from short- intermediate- and long-term trends to improve urban mobility e.g. learn from the trends of peak hours in which a street is blocked or from the use of a certain transportation system (bikes, public transport, etc.).** Data analysis results will be visualized to show traffic density, traffic flows, points of interest etc.



**Anticipate behaviours and delimit unforeseen consequences**

Simulate the effect of different traffic situations (through the use of artificial intelligence algorithms), e.g., simulate the effect of opening a pedestrian street at certain times, create new infrastructures or public transport services.



**Identify potentially problematic or otherwise important events.** These events would have a high price if discovered in the real life. Identify events with cutting edge detection methods and validate mobility policies in a virtual environment with simulation techniques.



**Create public policies and services “with” people and not just “for” them.** Put people at the centre of urban mobility policy making, making sure policies are based on shared values and principles and address effective needs of the citizens and relevant stakeholders.



**Foster cross-departmental collaboration by creating an urban ecosystem.** Optimize urban management by involving public administrations, private transport companies and citizens.



**Boost and guide an efficient and successful digital transformation.** Get guidance on the adoption and implementation of big data, artificial intelligence and algorithms in urban mobility decision making.

The project obtained the following key results:

- **Social Policy Labs (SoPoLab).** A digital co-creation environment and a set of approaches to help co-design and co-create policy guidelines with all involved actors.
- **Data Management Platform,** a platform supporting the entire data processing chain from collection, processing to using the data.
- **Decision-Support System,** powerful analytics tools that combine multiple data sources with advanced algorithms, simulation, recommendation, and advanced visual analytics.
- **Recommendations and Pathways,** pathways to provide public administrations guidance on the adoption of disruptive technologies and data in their policy-making processes.

The platform has been locally customized to the specific needs and context, objectives and specific requirements of the pilot ecosystems (including Municipality and the different mobility stakeholders):

- A bikeable city (Amsterdam), improving the level of comfort by managing bike "flows" in the city and preventing bike traffic jams and risky (safety-related) situations also with the support of participatory methods involving citizens.
- Integrating mobility data into traffic planning (Helsinki), aiming to make sure that traffic data becomes part of the everyday life of traffic and urban planners, experts and officials.
- Citizen-centric spaces (Bilbao), carrying out an analysis of the potential effects that the suppression of private vehicle traffic through specific areas, and in parallel, resolving existing challenges such as niches, insufficient volume and quality of data, trust in the methods of exploitation data and interoperability.
- Building a multimodal city (Messina), build mobility services able to fulfill the need of citizens, dwellers, commuters and visitors, allowing them to move around and through the city seamlessly. Optimize mobility and integrate multimodal transport services for the city.

As a result of the Final Event, the consortium discussed with decision makers and technicians in Urban Mobility the real possibility of a paradigm shift (based on data and a mix of quantitative and qualitative methods) in urban mobility planning and the opportunities that lie around Open-Source Data Lakes and Data Spaces for Smart Cities.

URBANITE partners are Alma Digit, Comune di Messina, Engineering Ingegneria Informatica, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stitching WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi and TECNALIA, that coordinates the project.

This project has received funding from the European Union's Horizon 2020 research and innovation program in under grant agreement number 870338.

#### More information:

URBANITE project website: <https://urbanite-project.eu/>

Source repository: <https://git.code.tecnalia.com/urbanite>

Final Event Presentation:

<https://www.slideshare.net/URBANITEProject/presentacion-final-evento-bruselas-v4pdf>

#### Contact

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Figure 39. Press release in English

## 8.2.2 Spanish Version



### Nota de prensa

URBANITE valida con éxito sus herramientas y conocimientos en torno a la adopción de tecnologías disruptivas para la formulación de políticas basadas en datos en el ámbito de la movilidad urbana.

El 14 de junio tuvo lugar el Evento Final del proyecto europeo H2020 URBANITE- Supporting the decision-making in urban transformation with the use of disruptive technologies, coordinado por TECNALIA Research & Innovation. Se explicaron y exhibieron los resultados de las herramientas, los diferentes casos de uso y principales recomendaciones, mostrando las diferentes funcionalidades en torno a los datos, desde su recolección, preparación y explotación, mediante métodos avanzados de analítica, predicción, simulación, recomendación y cuadros de mando, apoyando la toma de decisiones en las políticas de movilidad y por los técnicos públicos, al tiempo que facilita la supresión de los silos de información y lleva a los decisores desde los datos al conocimiento y al intercambio de información.

El proyecto aborda los siguientes objetivos:



#### Aprovechar al máximo los datos

Preparar los datos y hacerlos utilizables con los componentes de curación: verificación de calidad, transformación de información no estructurada en conjuntos de datos de calidad, abordar problemas de privacidad con anonimización y pseudonimización, garantizar la interoperabilidad de datos.



#### Hacer que el proceso de gestión de datos sea más eficiente

Manejar todo el proceso: obtener datos de varias fuentes heterogéneas, transformarlos, fusionarlos y mapearlos, y almacenarlos en bases de datos dedicadas listas para su uso.



Aprender de las tendencias a corto, mediano y largo plazo para mejorar la movilidad urbana. Aprender de las tendencias de las horas pico en las que una calle está bloqueada o del uso de un determinado sistema de transporte (bicicletas, transporte público, taxi, etc.).

- Recomendaciones y Caminos, caminos para orientar a las administraciones públicas sobre la adopción de tecnologías y datos disruptivos en sus procesos de elaboración de políticas.

La plataforma se ha personalizado localmente según las necesidades y el contexto específicos, los objetivos y los requisitos específicos de los ecosistemas piloto (incluido el municipio y las diferentes partes interesadas en la movilidad):

- Una ciudad ciclista (Ámsterdam), mejorando el nivel de comodidad mediante la gestión de los "flujos" de bicicletas en la ciudad y evitando atascos de bicicletas y situaciones de riesgo (relacionadas con la seguridad). Ámsterdam busca co-crear políticas con los ciudadanos adoptando un "párrafo participativo" para acompañar todas las políticas de la ciudad y aplicar la estrategia de datos de la ciudad
- Integración de datos de movilidad en la planificación del tráfico (Helsinki), con el objetivo de que los datos de tráfico se conviertan en parte de la vida cotidiana de los planificadores, expertos y funcionarios del tráfico y urbanos, proporcionando un enfoque basado en datos para avanzar en estrategias efectivas de planificación y gestión del tráfico.
- Espacios centrados en el ciudadano (Bilbao), realizando un análisis de los efectos potenciales que tendría la supresión del tráfico de vehículos privados por zonas específicas. En paralelo, resolver retos existentes como nichos, insuficiente volumen y calidad de datos, confianza en los métodos de explotación de datos e interoperabilidad.
- Construir una ciudad multimodal (Messina), crear servicios de movilidad capaces de satisfacer las necesidades de los ciudadanos, habitantes, viajeros y visitantes, permitiéndoles moverse por la ciudad sin problemas. Optimizar la movilidad e integrar servicios de transporte multimodal para la ciudad.

Como resultado del Evento Final, el consorcio contrastó con decisores y técnicos en Movilidad Urbana la posibilidad real de un cambio de paradigma (basado en datos y mezcla de métodos cuantitativos y cualitativos) en la planificación de la movilidad urbana y las oportunidades en torno al Data Lakes y Espacio de Datos Open-Source para ciudades inteligentes.

Nuestros socios son Alma Digit, Comune di Messina, Engineering Ingegneria, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stichting WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi y TECNALIA, que coordina el proyecto.

Este proyecto ha recibido financiación del programa H2020 de la Unión Europea en virtud del grant agreement 870338.

#### Más información:

Página web de URBANITE: <https://urbanite-project.eu/>

Repositorio de código: <https://git.code.tecnalia.com/urbanite>

Presentación del evento final:

<https://www.slideshare.net/URBANITEProject/presentacion-final-evento-bruselas-v4pdf>



Anticipar comportamientos y delimitar consecuencias imprevistas. Simular el efecto de diferentes situaciones de tráfico (mediante el uso de algoritmos de inteligencia artificial), por ejemplo, simular el efecto de abrir una calle peatonal a determinadas horas, cambios en infraestructuras o nuevos servicios de transporte público.



#### Identificar eventos potencialmente problemáticos o importantes.

Estos eventos tendrían un alto precio si se descubren en la vida real. Identificar eventos con métodos de detección de última generación y validar políticas de movilidad en un entorno virtual con técnicas de simulación.



Crear políticas públicas y servicios "con" las personas y no solo "para" ellas. Poner a las personas en el centro de la formulación de políticas de movilidad urbana, asegurándose de que las políticas se basen en valores y principios compartidos y aborden las necesidades de los diferentes actores.



#### Fomentar la colaboración interdepartamental mediante la creación de un ecosistema urbano.

Optimizar la gestión urbanística involucrando a las administraciones públicas, empresas de transporte privado y ciudadanos.



#### Impulsar y guiar una transformación digital eficiente y exitosa.

Obtener orientación sobre la adopción e implementación de big data, inteligencia artificial y algoritmos en la toma de decisiones de movilidad urbana.

El proyecto ha obtenido los siguientes resultados clave:

- Laboratorios de Políticas Sociales (SoPolab). Un entorno de co-creación digital y un conjunto de enfoques para ayudar a co-diseñar y co-crear políticas con todos los actores involucrados.
- Plataforma de gestión de datos, una plataforma que respalda toda la cadena de procesamiento de datos, desde la recopilación y el procesamiento hasta el uso de los datos.
- Sistema de soporte de decisiones, potentes herramientas de análisis que combinan múltiples fuentes de datos con algoritmos avanzados, simulación, recomendación y análisis visual.

#### Contacto

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Figure 40. Press release in Spanish



## 8.2.3 Italian Version



### Comunicato Stampa

URBANITE ha validato con successo i suoi strumenti e le conoscenze riguardanti l'adozione di tecnologie innovative a supporto di politiche, basate sui dati, nel campo della mobilità urbana.

Il 14 giugno si è svolto l'Evento Finale del progetto europeo H2020 URBANITE, coordinato da TECNALIA Research & Innovation. I principali risultati del progetto sono stati descritti e presentati: gli strumenti, i diversi casi d'uso e le principali raccomandazioni emerse. L'evento è stato un'opportunità per mostrare le diverse funzionalità disponibili per la gestione dei dati, dalla raccolta alla preparazione e all'utilizzo, nonché per fornire approfondimenti sui vantaggi dell'analisi avanzata, delle previsioni, della simulazione, delle raccomandazioni e dei metodi di dashboarding per i policy-maker, i tecnici e funzionari pubblici. Il progetto URBANITE ha inoltre lavorato per superare gli ostacoli informativi e incoraggiare i decision-maker ad utilizzare e condividere maggiormente i dati a beneficio di una migliore formulazione delle decisioni basata sulla conoscenza.

Il progetto si pone di traghettare i seguenti obiettivi:



#### Sfruttare al massimo i dati

Preparare i dati e renderli utilizzabili con i componenti di URBANITE: controlli sulla qualità dei dati, preparazione e trasformazione di informazioni non strutturate in set di dati di alta qualità, affrontare le questioni legate alla privacy attraverso l'anonimizzazione e la pseudonimizzazione, garantire l'interoperabilità dei dati.



Rendere il processo di gestione dei dati più efficiente. Gestire l'intero processo: recuperare dati da varie fonti eterogenee, trasformarli, fonderli e mapparli, e archivarli in database dedicati pronti per l'utilizzo.



Apprendere tendenze di breve, medio e lungo termine per migliorare la mobilità urbana, ad esempio apprendere dall'analisi delle tendenze relative alle ore di punta in cui una strada è bloccata o dall'uso di un determinato sistema di trasporto (bici, trasporto pubblico, ecc.). I risultati dell'analisi dei dati saranno visualizzati per mostrare la densità del traffico, i flussi di traffico, i punti di interesse, ecc.



#### Prevedere comportamenti e delimitare conseguenze impreviste

Simulare l'effetto di diverse situazioni di traffico (attraverso l'uso di algoritmi di intelligenza artificiale), ad esempio simulare l'effetto dell'apertura di una strada pedonale in determinati orari, creare nuove infrastrutture o servizi di trasporto pubblico.



Identificare eventi potenzialmente problematici o comunque importanti. Questi eventi avrebbero un alto prezzo se scoperti nella vita reale. Identificare eventi con metodi di rilevamento all'avanguardia e convalidare le politiche di mobilità in un ambiente virtuale con tecniche di simulazione.



Creare politiche pubbliche e servizi "con" le persone e non solo "per" loro. Mettere le persone al centro della formulazione delle politiche di mobilità urbana, assicurandosi che le politiche si basino su valori e principi condivisi e affrontino le effettive esigenze dei cittadini e degli stakeholder rilevanti.



Favorire la collaborazione tra dipartimenti creando un ecosistema urbano. Ottimizzare la gestione urbana coinvolgendo amministrazioni pubbliche, aziende di trasporto private e cittadini.



Promuovere e guidare la trasformazione digitale in modo efficiente. Ottenere indicazioni sull'adozione e l'implementazione di big data, intelligenza artificiale e algoritmi nella formulazione delle decisioni sulla mobilità urbana.

Il progetto ha ottenuto i seguenti risultati chiave:

- Social Policy Labs (SoPoLab). Un ambiente di co-creazione digitale e un insieme di approcci per aiutare a progettare e co-creare linee guida con tutti gli attori coinvolti.
- Piattaforma di gestione dei dati, una piattaforma che supporta l'intera catena di elaborazione dei dati, dalla raccolta al loro utilizzo.
- Sistema di supporto decisionale, potenti strumenti di analisi che combinano diverse fonti di dati con algoritmi avanzati, simulazione, raccomandazioni e analisi visiva avanzata.
- Raccomandazioni e Percorsi, percorsi per fornire alle amministrazioni pubbliche indicazioni sull'adozione di tecnologie innovative e dati nei loro processi decisionali.

La piattaforma è stata personalizzata localmente per le esigenze specifiche dei diversi ecosistemi pilota (ricomprendendo le municipalità e gli attori della mobilità):

- Una città ciclabile (Amsterdam), migliorando il livello di comfort gestendo i "flussi" di biciclette nella città e prevenendo ingorghi del traffico ciclabile e situazioni rischiose (legate alla sicurezza) anche con il supporto di metodi partecipativi che coinvolgono i cittadini.
- Integrare i dati sulla mobilità nella pianificazione del traffico (Helsinki), con l'obiettivo di assicurarsi che i dati sul traffico facciano parte della vita quotidiana dei pianificatori del traffico e urbani, degli esperti e funzionari.
- Spazi centrati sul cittadino (Bilbao), effettuando un'analisi degli effetti potenziali della sospensione del traffico dei veicoli privati in aree specifiche e, parallelamente, risolvendo sfide esistenti come la mancanza, l'insufficienza e la qualità dei dati, la fiducia nei metodi di sfruttamento dei dati e l'interoperabilità.
- Costruire una città multimodale (Messina), creare servizi di mobilità in grado di soddisfare le esigenze dei cittadini, residenti, pendolari e visitatori, consentendo loro di spostarsi attraverso la città senza interruzioni. Ottimizzare la mobilità e integrare servizi di trasporto multimodali per la città.

Come risultato dell'Evento Finale, il consorzio ha discusso con i decision makers e i tecnici della Mobilità Urbana la reale possibilità di un cambiamento di paradigma (basato sui dati e su una combinazione di metodi quantitativi e qualitativi) nella pianificazione della mobilità urbana e le opportunità offerte dai Data Lakes e dagli Spazi Dati Open Source per le Smart City.

I partner di URBANITE sono Alma Digit, Comune di Messina, Engineering - Ingegneria Informatica, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stitching WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi e TECNALIA, che coordina il progetto.

Il progetto ha ricevuto fondi dal programma di ricerca e innovazione dell'Unione Europea Horizon 2020 con accordo di sovvenzione n.870338.

#### Maggiori informazioni:

Sito web del progetto URBANITE: <https://urbanite-project.eu/>  
Repository del codice sorgente: <https://git.code.tecnalia.com/urbanite>  
Presentazione dell'Evento Finale: <https://www.slideshare.net/URBANITEProject/presentation-final-evento-bruselas-v4pdf>

#### Contatto

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Figure 41. Press release in Italian

## 8.2.4 Dutch Version



### Persbericht

URBANITE: disruptieve tech voor slim mobiliteitsbeleid in smart cities.

Op 14 juni presenteerde TECNALIA Research & Innovation de uitkomsten van het Europese H2020-project URBANITE. De belangrijkste resultaten zijn diverse vernieuwende technische tools en aanbevelingen voor smart cities. Hoe verzamelen we data en zetten we deze in? Hoe analyseren we data en maken hierna voorspellingen, analyses en dashboards voor beleidsmakers, technici én inwoners. Het URBANITE-project maakt informatie's zichtbaar en maakt data-gedreven besluitvorming meer mogelijk.

Het project richt zich op het volgende:



#### Optimaal gebruik maken van gegevens

De gegevens voorbereiden en bruikbaar maken met behulp van de URBANITE-gegevenscuratiecomponenten: kwaliteitscontroles van gegevens, het omzetten van ongestructureerde informatie in hoogwaardige datasets, het aanpakken van privacykwesties met anonimiseren en pseudonimiseren, en het waarborgen van gegevensinteroperabiliteit.



#### Het gegevensbeheerproces efficiënter maken

Het volledige proces beheren: gegevens ophalen uit verschillende heterogene bronnen, deze transformeren, samenvoegen en mappen, en opslaan in speciale databases die klaar zijn voor gebruik.



Leren van korte-, middellange- en langetermijntrends om stedelijke mobiliteit te verbeteren, bijvoorbeeld leren van trends in spitsuren waarin een straat geblokkeerd is of van het gebruik van een bepaald transportsysteem (fietsen, openbaar vervoer, enz.). Resultaten van gegevensanalyse worden gevisualiseerd om verkeersdichtheid, verkeersstromen, interessante punten, enz. te tonen.



#### Anticiperen op onvoorziene situaties

Het effect van verschillende verkeerssituaties simuleren (met behulp van kunstmatige intelligentie-algoritmen), bijvoorbeeld het effect simuleren van het openen van een voetgangersstraat op bepaalde tijden, het creëren van nieuwe infrastructuur of openbaar vervoerdiensten.



Potentieel problematische of anderszins belangrijke gebeurtenissen identificeren. Deze gebeurtenissen zouden in het echt veel gevolgen kunnen hebben. Met geavanceerde detectiemethoden en simulaties kan Urbanite mobiliteitsbeleid valideren in een virtuele omgeving.



Openbare beleidsmaatregelen en diensten creëren "met" mensen en niet alleen "voor" hen. Mensen centraal in het maken van stedelijk mobiliteitsbeleid en beleid gebaseerd op gedeelde waarden en principes.



Interdepartementale samenwerking door een stedelijk ecosysteem. Het optimaliseren van stedelijk beheer door de betrokkenheid van publieke instanties, particuliere vervoersbedrijven en burgers.



Een efficiënte en succesvolle digitale transformatie. Begeleiding bij de adoptie en implementatie van big data, kunstmatige intelligentie en algoritmen in besluitvorming omtrent stedelijke mobiliteit.

Het project heeft de volgende belangrijkste resultaten behaald:

- Sociaalbeleidslaboratoria (SoPolab): een digitale co-creatieomgeving en een reeks benaderingen om samen beleidsrichtlijnen te ontwerpen en co-creëren met alle betrokken actoren.
- Data Management Platform: een platform dat de volledige gegevensverwerkingsketen ondersteunt, van verzameling en verwerking tot het gebruik van gegevens.
- Beslissingsondersteuningssysteem: krachtige analysetools die meerdere gegevensbronnen combineren met geavanceerde algoritmen, simulaties, aanbevelingen en geavanceerde visuele analyse.
- Aanbevelingen en trajecten: trajecten om overheidsinstanties richtlijnen te geven voor de adoptie van disruptieve technologieën en gegevens in hun beleidsvormingsprocessen.

Het platform is lokaal aangepast aan de specifieke behoeften en context, doelstellingen en specifieke vereisten van de pilotecosystemen (inclusief de gemeente en de verschillende mobiliteitspartijen):

- Een fietsvriendelijke stad (Amsterdam): het verbeteren van het comfortniveau door het beheer van de "stromen" van fietsers in de stad en het voorkomen van fietsfiles en risicovolle (veiligheidsgerelateerde) situaties, ook met behulp van participatieve methoden met bewoners.

- Het integreren van mobiliteitsgegevens in verkeersplanning (Helsinki): ervoor zorgen dat verkeersgegevens een onderdeel worden van het dagelijks leven van verkeers- en stedenbouwkundige planners, experts en ambtenaren.
- Burgergerichte ruimtes (Bilbao): een analyse uitvoeren van de mogelijke effecten van het verminderen van het verkeer van particuliere voertuigen in specifieke gebieden, en tegelijkertijd bestaande uitdagingen oplossen zoals lacunes, onvoldoende volume en kwaliteit van gegevens, vertrouwen in methoden voor gegevensexploitatie en interoperabiliteit.
- Het opbouwen van een multimodale stad (Messina): mobiliteitsdiensten creëren die kunnen voldoen aan de behoeften van burgers, inwoners, forenzen en bezoekers, zodat ze naadloos kunnen bewegen binnen en door de stad. Mobiliteit optimaliseren en multimodale transportdiensten integreren voor de stad.

Als gevolg van het eindevenement heeft het consortium gesprekken gevoerd met beleidsmakers en technici op het gebied van stedelijke mobiliteit over de werkelijke mogelijkheid van een paradigma-shift (op basis van gegevens en een mix van kwantitatieve en kwalitatieve methoden) in de planning van stedelijke mobiliteit en de mogelijkheden die ontstaan rond Open-Source Data Lakes en Data Spaces for Smart Cities.

De partners van URBANITE zijn Alma Digit, Comune di Messina, Engineering Ingegneria Informatica, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stitching WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi en TECNALIA, dat het project coördineert.

Dit project heeft financiering ontvangen van het Horizon 2020 onderzoeks- en innovatieprogramma van de Europese Unie onder subsidieovereenkomst nummer 870338.

#### Meer informatie:

URBANITE project website: <https://urbanite-project.eu/>

Bronrepository: <https://git.code.tecnalia.com/urbanite>

Presentatie van het eindevenement:

<https://www.slideshare.net/URBANITEProject/presentacion-final-evento-bruselas-v4pdf>

#### Contactgegevens

Imanol García, Responsible for Communication and Networking in URBANITE. TECNALIA. [Imanol.Garcia@tecnalia.com](mailto:Imanol.Garcia@tecnalia.com). Parque Científico y Tecnológico de Bizkaia, C/Geldo, Edificio 700. E-48160 Derio (Bizkaia). Tel.: 902.760.000 International calls: (+34) 946.430.850

Figure 42. Press release in Dutch



## 8.2.5 Finnish Version

### Tiedote

URBANITE-projektissa validoitiin onnistuneesti edistyneitä työkaluja ja sekä lisättiin ymmärrystä uusien teknologioiden käytöstä tietopohjaisessa kaupunkiliikennesuunnittelussa.

Euroopan Unionin Horisontti2020-rahoittaman URBANITE-Supporting the decision-making in urban transformation with the use of disruptive technologies-projektin lopputapahtuma järjestettiin kesäkuun puolivälissä. Tilaisuudessa esiteltiin työkaluja, eri käyttötapauksen havaintoja ja keskeisiä suosituksia. Lisäksi demonstroitettiin erilaisia datankäyttöä, käsittelyä ja hyödyntämiseen liittyviä toiminnallisuksia edistyneiden analytiikka-, ennustus-, simulointi-, suositus- ja koontimenetelmien avulla, jotka tukevat poliittista päätöksentekoa sekä kaupungin asiantuntijoiden työtä. Tavoitteena oli tiedollisten sillojen ylittäminen ja siirtyä datankäytöstä ymmärrykseen ja tiedonjakamiseen. URBANITE-hanketta koordinoi TECNALIA Research & Innovation.

Projektin tavoitteita ovat:



**Tiedon hyödyntäminen parhaalla mahdollisella tavalla.**  
Valmistele data ja tee siitä hyödynnettävää URBANITE-datankurattointikomponenteilla, joilla voi toteuttaa datan laadutarkastukset, sekalaisten datojen muokkaamisen laadukkaiksi kokonaisuuksiksi, datan tietosuojaan liittyvää anonymisointi- ja pseudonimisointityötä ja datan yhteentoimivuuden varmistamista.



**Datanhallinnasta tehokkaammaksi.**  
Voit käsitellä koko prosessin datanhallintatyökalun avulla. Nouda tietoja erilaisista lähteistä, muuta, yhdistä ja määrittele ne, ja tallenna valmiiksi käytettäväksi tietokantoihin.



**Lyhyiden, keskipitkien ja pitkien suuntaviivojen hyödyntäminen kaupunkiliikennetutkimuksessa.**  
Voit hyödyntää esimerkiksi ruuhkatuotteihin liittyvää tietoa ja ymmärtää milloin kadut ovat ruuhkaisia ja seurata tiettyjen liikennemuotojen (pyörät, julkisen liikenne jne.) käyttöä. Data-analyysi visualisoi esimerkiksi ruuhkaisuutta ja liikennevirtoja.



**Ennusta liikennekäyttäytymistä ja pyri hallitsemaan ennalta-arvaamattomien tapahtumien seurauksia.**  
Voit simuloida erilaisia tilanteita liikenteessä tekoälyalgoritmien avulla. Voit arvioida simuloimalla esimerkiksi jalankulkukadun avaamisen vaikutusta tiettyinä aikoina, sekä lisäämällä uutta liikenneinfrastruktuuria tai tutkia julkisen liikenteen palveluiden vaikutuksia.



**Ongelmallisten tai muuten tärkeiden tapahtumien hallintaa.**  
Ongelmatilanteiden hallitseminen voi olla kallista. Voit tunnistaa tapahtumia uusien havaitsemismenetelmien avulla ja validoida liikennepolitiikkaa virtuaalisessa ympäristössä simulaatioiden avulla.



**Liikennepolitiikan ja -palvelujen kehittäminen ihmisten kanssa eikä vain heitä varten.**  
Aseta ihmiset kaupunkiliikennepolitiikan keskiöön ja varmista, että politiikka perustuu jaetuille arvoille ja asiaankuuluvien sidosryhmien todellisille tarpeille.



**Kaupunkisuunnittelun osastojen välisen yhteistyön edistäminen kaupunkien dataekosysteemiä kehittämällä.**  
Voit optimoida kaupunkikehitystä osallistamalla julkishallintoa, yrittäjiä ja kansalaisia.



**Digitaalisen muutoksen tehostaminen ja tehokas johtaminen.**  
Hyödynnä alustaa big datan käyttöönottossa ja suurten tietomäärien, tekoälyn ja algoritmien hyödyntämisessä kaupunkiliikenteen päätöksenteossa.

Projektin tärkeimmät tulokset ovat:

- Social Policy Lab (SoPoLab), joka on digitaalinen yhteistyöympäristö ja joukko lähestymistapoja, joiden avulla voi yhteiskehittää ja suunnitella politiikan suuntaviivoja yhdessä osallistujien kanssa.
- Tiedonhallintajärjestelmä, joka tukee koko tietojenkäsittelyketjua aina tiedon keräämisestä, käsittelystä sen käyttämiseen asti.
- Järjestelmä päätöksenteon tueksi, joka koostuu tehokkaista analytiikkatyökaluista, jotka yhdistelevät useita datalähteitä kehittyneisiin algoritmeihin, simulaatioihin ja kehittyneisiin visualisointivälineisiin.
- Suositukset ja toimintalinjat, jotka tarjoavat julkisille hallinnolle ohjeita uusien teknologioiden ja tietojen hyödyntämiseksi päätöksentekoprosesseissaan.

Alusta on räätälöity paikallisesti kuhunkin pilotikaupungin ja sen sidosryhmien tarpeet, kontekstin, tavoitteet ja erityiset tarpeet huomioiden:

- Pyöräilijä kaupunki (Amsterdam) parantaa kaupungin toimivuutta hallitsemalla pyöräilijöiden liikennevirtoja kaupungissa ja estämällä pyöräliikenteen ruuhkautumista ja riskialttiita tilanteita. Amsterdamissa pyritään yhteiskehittämään politiikkalinjoja kaupunkilaisten kanssa sisällyttämällä osallisuus kaikkiin kaupungin politiikkatoimiin ja kaupungin datastrategiaan.
- Liikennetiedot vahvemmin osaksi liikennesuunnittelua (Helsinki), jossa tavoitteena on saada liikennetiedot osaksi liikenne- ja kaupunkisuunnittelijoiden, asiantuntijoiden ja virkailijoiden päivittäistä työtä. Tarjotaan dataperusteinen lähestymistapa tehokkaan suunnittelun ja liikenteen hallintastrategioiden edistämiseksi.
- Kaupunkilaisiin keskittyvä kaupunkitila (Bilbao), jossa analysoidaan autoliikenteen rajoittamisen mahdollisia vaikutuksia tietyillä alueilla. Samalla pyritään ratkaisemaan puutteellisen ja heikkolaatuisen datan, datan käyttöön ja yhteentoimivuuteen liittyvän luottamuksen aiheuttamia ongelmia.
- Liikenteellisesti monimuotoisessa kaupungissa (Messina), kehitetään liikkuja palveluita ja helpotetaan kansalaisten, asukkaiden, työmatkailijoiden ja vierailijoiden saumatonta liikkumista kaupungin läpi. Samalla optimoidaan liikkuvuutta ja kehitetään monimuotoisia liikennepalveluja kaupungille.

Konsortio keskusteli osana lopputapahtumaa liikenteen päätöksentekijöiden ja liikennesuunnittelijoiden kanssa paradigmanmuutoksen mahdollisuudesta liikennesuunnittelun osana ja mahdollisuuksista hyödyntää avoimen lähdekoodin tietoaita osana älykaupunkikehitystä.

URBANITE-kumppanit ovat Alma Digit, Comune di Messina, Engineering Ingengeria Informatica, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stitching WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi ja TECNALIA, joka koordinoi projektia.

Projekti on saanut rahoitusta Euroopan unionin Horisontti2020 -tutkimus- ja innovaatio-ohjelmasta (sopimus 870338).

**Lisätietoja:**  
URBANITE-projektin verkkosivusto: <https://urbanite-project.eu/>  
Lähdearkisto: <https://git.code-tecnalia.com/urbanite>  
Lopputapahtuman esitys (englanniksi): <https://www.slideshare.net/URBANITEProject/presentacion-final-evento-bruselas-v4pdf>

**Yhteystiedot:**  
Imanol García, Responsible for Communication and Networking in URBANITE. TECNALIA. [Imanol.Garcia@tecnalia.com](mailto:Imanol.Garcia@tecnalia.com). Parque Científico y Tecnológico de Bizkaia, C/Geldo, Edificio 700. E-48160 Derio (Bizkaia). Tel.: 902.760.000 International calls: (+34) 946.430.850

Figure 43. Press release in Finnish

## 8.2.6 Slovenian Version



### Izjava za javnost

Projekt URBANITE uspešno potrdil uporabnost orodij in znanja pri uvedbi prelomne tehnologije v proces na podatkih osnovanega odločanja na področju mestne mobilnosti.

14. Junija je potekal zaključni dogodek Evropskega H2020 projekta URBANITE – Podpora odločanju v preoblikovanju mest s pomočjo prelomne tehnologije, ki ga je vodilo podjetje TECNALIA Research & Innovation. Predstavljena so bila razvita orodja, primeri uporabe in priporočila za uvedbo prelomne tehnologije v odločitvene procese na različnih področjih. Pri tem so bili prikazani procesi pridobivanja, priprave in uporabe podatkov, njihova napredna analiza, napoved, simulacija mobilnosti in priporočilni sistem. Podpora odločevalcem, strokovnjakom in javnim uslužbenecem omogoča skupna predstavitev rezultatov analiz in simulacij na prilagodljivi nadzorni plošči, ki s funkcionalnostjo za deljenje informacij rešuje težave informacijskih silov in vodi od podatkov do pridobivanja informacij in deljenja znanja.

Projekt se ukvarja s sledečimi cilji:



#### Pridobite kar največ iz svojih podatkov

Pripravite podatke in jih priprejite do uporabnosti s pomočjo component URBANITE za kuracijo podatkov: preverite kvaliteto podatkov, transformirajte nestrukturirane podatke v kvaliteto podatkovne baze, naslovite vprašanja zasebnosti z orodji za anonimizacijo in pseudonimizacijo, in zagotovite interoperabilnost obstoječih podatkov.



#### Povečajte učinkovitost upravljanja s podatki

Opravite celoten proces, od pridobivanja podatkov iz heterogenih virov, jih preoblikujte, združite, preslikajte in shranite v namensko podatkovno bazo, primerne za uporabo.



#### Strojno učenje kratko, srednje in dolgoročnih trendov za izboljšanje mestne mobilnosti, na primer, ob katerih urah in pogojih so ceste pod največjim pritiskom ali pa kakšni so vzorci uporabe različnih načinov prevoza

(uporaba javnega prevoza, kolesarjenje in uporaba lastnega avtomobila). Vpogled v rezultate analize poenostavi vizualizacije gostote prometa, prometnih tokov, izpustov in drugih podatkov.

Platforma je bila prilagojena potrebam pilotnih mest v različnih okoljih, ki imajo različne cilje glede mobilnostne politike, z vključitvijo občinskih in drugih deležnikov:

- Amsterdam, kolesarjem prijazno mesto, se je osredotočil na izboljšanje udobja, varnosti in učinkovitosti kolesarjenja v mestu z upravljanjem tokov kolesarjev, preprečevanjem kolesarskih zastojev in prepoznavno nevarnih situacij. Amsterdam želi soustvarjati mobilnostno politiko s prebivalci.
- Helsinki se osredotoča na vpeljevanje podatkov o prometu v planiranje mobilnosti. Želijo vpeljati na podatkih osnovan pristop k razvoju mestne infrastrukture in se tako približati prihodnosti upravljanja prometa.
- Bilbao prilagaja prostore meščanom, pri čemer analizirajo vpliv zmanjšanja avtomobilskega prometa na določenih lokacijah na preostanek mesta. Hkrati pa želijo izboljšati podatke, ki so na voljo, in zaupanje prebivalcev v moderni pristop upravljanja mesta.
- Messina želi zgraditi mesto različnih načinov mobilnosti, izboljšati storitve javnega prevoza in tako zagotoviti potrebe prebivalcev in vseh, ki potujejo skozi mesto. Pri tem želijo uporabiti različne načine mobilnosti, in tako ponuditi pravo pot za vsak cilj.

Tekom zaključnega dogodka je projektni konzorcij skupaj z mestnimi odločevalci in strokovnjaki za mobilnost predstavil možnost spremembe paradigme pri planiranju mobilnosti na na podatkih osnovano in tako kvantitativno kot kvalitativno analizo, in priložnosti, ki jih ponujajo odprto kodna podatkovna jezera, odprti podatki in podatkovna okolja za pametna mesta.

Partnerji v projekt URBANITE so Alma Digit, Comune di Messina, Engineering Ingénieria Informatica, Forum Virium Helsinki, Fraunhofer Fokus, Jozef Stefan Institute, Stichting WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi in podjetje TECNALIA, ki projekt koordinira.

Projekt je financirala Evropska Unija prek raziskovalnega in inovacijskega programa Obzorje 2020 v skladu s pogodbo o dodelitvi sredstev št. 870338.

#### Več informacij:

Spletna stran projekta URBANITE: <https://urbanite-project.eu/>  
 Repozitorij s programsko kodo: <https://git.code.tecnalia.com/urbanite>  
 Predstavitve zaključnega dogodka: <https://www.slideshare.net/URBANITEProject/presentation-final-evento-bruselas-v4c0f1>



#### Pričakujte obnašanje in omejitve nepričakovane posledice

Simulacije različnih prometnih situacij s pomočjo algoritmov umetne inteligence omogočajo vpogled v morebitne posledice sprememb infrastrukture, javnega prometa, ali napovedi rasti prebivalstva.



#### Prepoznajte težave in druge pomembne dogodke

Nekateri dogodki lahko povzročijo velike posledice, če so opaženi šele v resničnem okolju. Predčasna prepoznavna takšnih možnosti v virtualnem okolju nudi veliko prednost, ki jo omogočajo tehnike umetne inteligence in simulacije.



#### Razvijajte javne politike in storitve skupaj z ljudmi, ne le za njih.

Postavite prebivalce na prvo mesto pri oblikovanju mestnih mobilnostnih politik in poskrbite, da so le te osnovane na skupnih vrednostih. Tako lahko naslovite potrebe prebivalcev in drugih deležnikov na učinkovit in transparenten način.



#### Vzdržujte sodelovanje med javnimi službami in vzpostavite mestni ekosistem

Izboljšajte procese mestne uprave prek vpletenosti javnih uslužbencev, javnega prevoza, privatnih podjetij in javnosti.



#### Spodbujajte in vodite učinkovito in uspešno digitalno transformacijo

Pridobite smernice o vzpostavljanju in uporabi umetne inteligence, velepodatkov in modernih algoritmov v procese mestnega odločanja.

Glavni rezultati projekta so:

- Social Policy Labs (SoPoLab), socialnopolitični laboratorij, je digitalno okolje za soustvarjanje in sooblikovanje smernic z vsemi vpletenimi deležniki.
- Data Management Platform, platforma za upravljanje s podatki, podpira celoten proces od zbiranja, predelave in uporabe podatkov.
- Decision-Support System, sistem za podporo odločanju, ponuja močna analitična orodja ki pomagajo odločevalcem s pomočjo naprednih algoritmov, simulacij, priporočil in napredne vizualizacije.
- Recommendations and Pathways, smernice in napotki nudijo javni upravi pomoč pri vzpostavljanju in uporabi prelomnih tehnologij v delovne procese.

#### Kontakt

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Figure 44. Press release in Slovenian

## 8.2.7 German Version



### Pressemitteilung

URBANITE validiert erfolgreich seine Werkzeuge und sein Wissen rund um den Einsatz disruptiver Technologien für eine datenbasierte Politikgestaltung im Bereich der städtischen Mobilität

Am 14. Juni fand die Abschlussveranstaltung des europäischen H2020-Projekts URBANITE, das von TECNALIA Research & Innovation koordiniert wurde, statt. Die wichtigsten Ergebnisse des Projekts wurden beschrieben und vorgestellt: die Tools, die verschiedenen Anwendungsfälle und die wichtigsten Empfehlungen. Die Veranstaltung bot die Gelegenheit, die verschiedenen Funktionalitäten rund um die Daten - von der Erfassung über die Aufbereitung bis hin zur Nutzung - vorzustellen und Einblicke in die Vorteile zu geben, die fortschrittliche Analyse-, Vorhersage-, Simulations-, Empfehlungs- und Dashboarding-Methoden für politische Entscheidungsträger, öffentliche Techniker und Beamte bieten können. Das URBANITE-Projekt hat auch auf die Überwindung von Informationslücken hingearbeitet und die Entscheidungsträger dazu gebracht, mehr Daten zu nutzen und auszutauschen, um eine bessere, auf Wissen basierende Entscheidungsfindung zu ermöglichen.

Das Projekt verfolgt folgende Ziele:



#### Das Beste aus den Daten herauszuholen

Bereiten Sie die Daten vor und machen Sie sie mit den URBANITE-Komponenten für die Datenkuration nutzbar: Prüfen Sie die Datenqualität, wandeln Sie unstrukturierte Informationen in qualitativ hochwertige Datensätze um, lösen Sie Datenschutzprobleme mit Anonymisierung und Pseudonymisierung, gewährleisten Sie die Interoperabilität der Daten.



Den Datenmanagementprozess effizienter zu gestalten  
Den gesamten Prozess bewältigen: Daten aus verschiedenen heterogenen Quellen abrufen, transformieren, fusionieren, zuordnen und in dedizierten Datenbanken speichern, die für die Verwendung bereitstehen.



Aus kurz-, mittel- und langfristigen Trends zu lernen, um die urbane Mobilität zu verbessern, z. B. aus den Trends der Stöfzeiten, in denen eine Straße blockiert ist, oder aus der Nutzung eines bestimmten Verkehrssystems (Fahrräder, öffentlicher Nahverkehr usw.). Die Ergebnisse der Datenanalyse werden visualisiert, um Verkehrsdichte, Verkehrsflüsse, interessante Punkte usw. darzustellen.

Die Plattform wurde auf lokaler Ebene an die spezifischen Bedürfnisse und den Kontext, die Ziele und die besonderen Anforderungen der Pilot-Ökosysteme (einschließlich der Stadtverwaltung und der verschiedenen Mobilitätsakteure) angepasst:

- Eine fahrradfreundliche Stadt (Amsterdam), Verbesserung des Komforts durch die Steuerung des Fahrradfusses in der Stadt und die Vermeidung von Fahrradstaus und inskanten (sicherheitsrelevanten) Situationen, auch mit Hilfe von partizipativen Methoden unter Einbeziehung der Bürger.
- Integration von Mobilitätsdaten in die Verkehrsplanung (Helsinki), mit dem Ziel, sicherzustellen, dass Verkehrsdaten Teil des Alltags von Verkehrs- und Stadtplanern, Experten und Beamten werden.
- Bürgerzentrierte Räume (Bilbao), Durchführung einer Analyse der potenziellen Auswirkungen der Verdrängung des Individualverkehrs durch bestimmte Gebiete und parallel dazu Bewältigung bestehender Herausforderungen wie Nischen, unzureichende Datenmenge und -qualität, das Vertrauen in Datenverwertungsmethoden und Interoperabilität.
- Aufbau einer multimodalen Stadt (Messina), Entwicklung von Mobilitätsdiensten, die den Bedürfnissen von Bürgern, Einwohnern, Pendlern und Besuchern gerecht werden und es ihnen ermöglichen, sich nahtlos in und durch die Stadt zu bewegen. Optimierung der Mobilität und Integration multimodaler Verkehrsdienste für die Stadt.

Als Ergebnis der Abschlussveranstaltung diskutierte das Konsortium mit Entscheidungsträgerinnen und Entscheidungsträgern sowie Technikerinnen und Technikern aus dem Bereich der urbanen Mobilität die reale Möglichkeit eines Paradigmenwechsels (basierend auf Daten und einer Mischung aus quantitativen und qualitativen Methoden) in der urbanen Mobilitätsplanung und die Möglichkeiten, die sich durch Open-Source Data Lakes und Data Spaces für Smart Cities ergeben.

URBANITE-Partner sind Alma Digit, Comune di Messina, Engineering Ingegneria Informatica, Forum Virium Helsinki, Fraunhofer FOKUS, Jozef Stefan Institute, Stichting WAAG Society, Gemeente AMSTERDAM, Ayuntamiento de Bilbao, Cluster de Movilidad y Logística de Euskadi und TECNALIA, das das Projekt koordiniert.

Dieses Projekt wurde durch das Forschungs- und Innovationsprogramm Horizon 2020 der Europäischen Union unter der Fördervertragsnummer 870338 gefördert.

#### Weitere Informationen:

URBANITE-Projektwebsite: <https://urbanite-project.eu/>

Quellcode-Repository: <https://git.code.tecnalia.com/urbanite>

Präsentation des Abschlusses:

<https://www.slideshare.net/URBANITEProject/presentacion-final-evento-bruselas-v4pdf>



#### Verhaltensweisen zu antizipieren und unvorhergesehene Folgen zu begrenzen

Den Effekt verschiedener Verkehrssituationen (durch den Einsatz von Algorithmen künstlicher Intelligenz) simulieren, z. B. den Effekt der Öffnung einer Fußgängerzone zu bestimmten Zeiten, Schaffung neuer Infrastrukturen oder öffentlicher Verkehrsdienste.



Potenziell problematische oder anderweitig wichtige Ereignisse zu identifizieren. Diese Ereignisse würden im realen Leben hohe Kosten verursachen. Ereignisse mit modernsten Erkennungsmethoden identifizieren und Mobilitätsstrategien in einer virtuellen Umgebung mit Simulationstechniken validieren.



#### Öffentliche Richtlinien und Dienstleistungen "mit" Menschen und nicht nur "für" sie zu schaffen.

Die Menschen in den Mittelpunkt der Politikgestaltung für die urbane Mobilität stellen und sicherstellen, dass die Politik auf gemeinsamen Werten und Grundsätzen beruht und die Bedürfnisse der Bürger und der relevanten Interessengruppen tatsächlich berücksichtigt.



#### Förderung der ressortübergreifenden Zusammenarbeit durch Schaffung eines städtischen Ökosystems.

Optimierung des Stadtmanagements durch die Einbeziehung von öffentlichen Verwaltungen, privaten Verkehrsunternehmen und Bürgern.



#### Eine effiziente und erfolgreiche digitale Transformation zu fördern und zu begleiten.

Unterstützung bei der Einführung und Umsetzung von Big Data, künstlicher Intelligenz und Algorithmen bei der Entscheidungsfindung im Bereich der städtischen Mobilität.

Das Projekt erzielte folgende Schlüsselergebnisse:

- Sozialpolitische Labore (SoPoLab): Eine digitale Mitgestaltungsumgebung und eine Reihe von Ansätzen, um mit allen beteiligten Akteuren gemeinsam Richtlinien für die Politikgestaltung zu entwerfen und zu erstellen.
- Datenmanagementplattform: Eine Plattform, die den gesamten Datenverarbeitungsprozess von der Erfassung über die Verarbeitung bis hin zur Nutzung der Daten unterstützt.
- Entscheidungsunterstützungssystem: Leistungsstarke Analysetools, die mehrere Datenquellen mit fortschrittlichen Algorithmen, Simulation, Empfehlungen und erweiterten visuellen Analysen kombinieren.
- Empfehlungen und Wege: Wege, die öffentlichen Verwaltungen bei der Übernahme von disruptiven Technologien und Daten in ihren politischen Entscheidungsprozesse Orientierung bieten.

#### Kontakt

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Figure 45. Press release in German