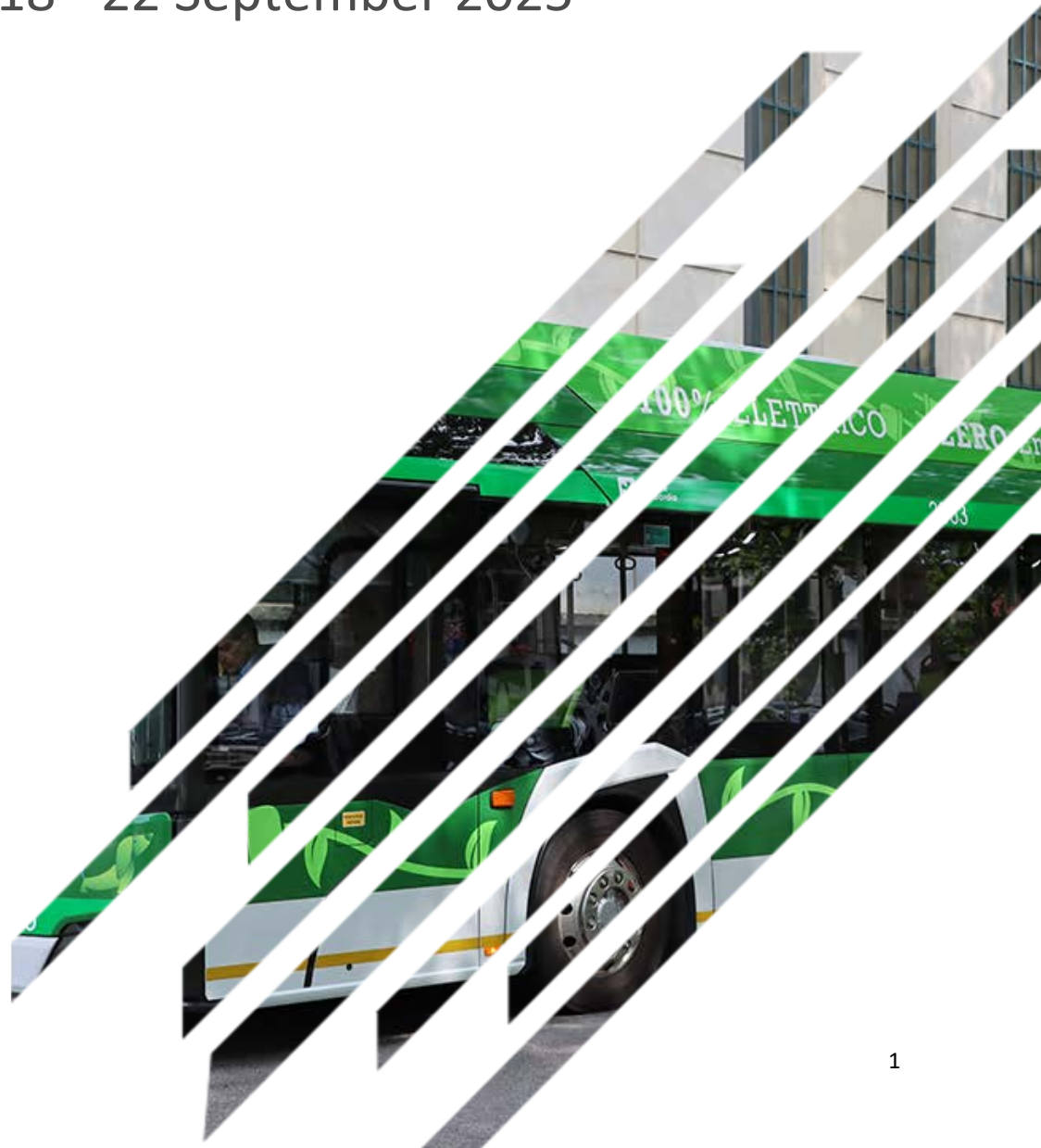


**Smart Public transport Initiatives for climate  
Neutral cities in Europe**

SPINE pop-up exhibition

BOLOGNA

18 - 22 September 2025





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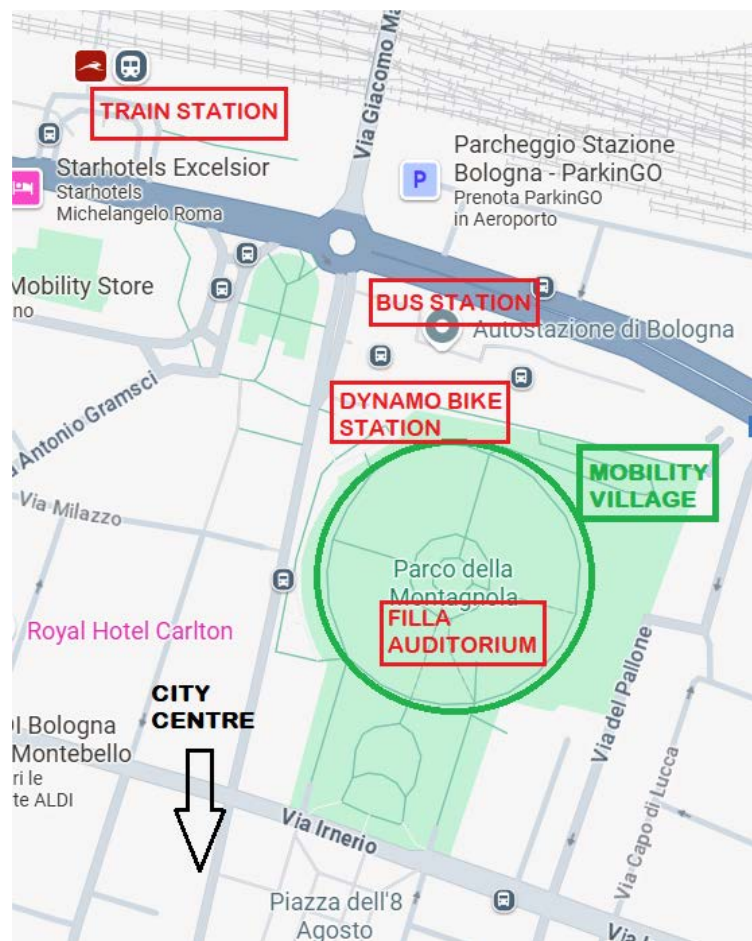
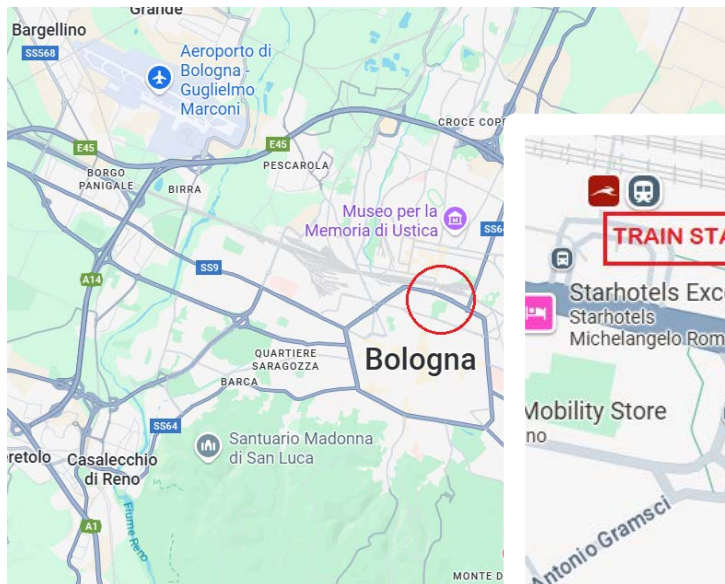


## Places of the event

Place 1: Ex.Dynamo bike station (musical performance)

Place 2: FILLA Auditorium (SPINE exhibition on Multimodal Hubs)

Place 3: Mobility Village (institutional booth on Municipality of Bologna mobility projects)





## General framework for SPINE pop-up events

To achieve the maximum impact and to reach a high involvement of citizens, the SPINE pop-up exhibition was organised in the framework of Bologna 2025 edition of the EU mobility week, which took place from 16 to 22 September.

The theme chosen this year by the European Commission, “Mobility for Everyone”, perfectly matched with the SPINE invitation to work together to build accessible, sustainable, safe and fair mobility for all, regardless of income, gender, age, ability or origin.

The Bologna Mobility Week was promoted by the Municipality and the Metropolitan City of Bologna and organised by the Foundation IU Rusconi Ghigi (Bologna Affiliated Entity in SPINE project), with the participation and support of private mobility operators such as BOMOB, TRENITALIA TPER and TPER, i.e. the local parking, sharing, train and buses companies.

The 2025 edition was the result of the collaboration between more than 50 organisations, including more than 20 associations, 11 municipalities in the metropolitan area, schools, professional associations, the University of Bologna, trade unions, committees, libraries and neighbourhood centres, which perfectly reflects the SPINE approach.

The general layout of the Mobility Week included over 40 events and ran throughout the week, with events spread across the city and the metropolitan area, culminating on Sunday 21 September in the Mobility Village, which enlivened the Montagnola Park with exhibition stands, practical activities for adults and children, opportunities to meet and a bicycle auction. During the week, the Filla and Ex.Dynamo spaces also hosted meetings dedicated to sustainable mobility, talks, in-depth discussions and activities organised by local associations and organisations.

The two events organised for the SPINE pop-up exhibition were organically included in the [official programme](#) (see pages 60 - 61), as reported in the next pages..

The SPINE events were jointly organised by the **Municipality of Bologna, SRM (the local Authority for Public Transport in Bologna metropolitan area)** and **Foundation IU Rusconi Ghigi**, with the support of the **Department of Arts of the University of Bologna**, and thanks to the financial support of SPINE project.



SUNDAY 21<sup>st</sup> SEPTEMBER  
2025

**Musical performance “Dolcemente viaggiare”  
(Travelling sweetly) by Anna Scalfaro**

**Ex.Dynamo, via dell’Indipendenza 71/z, Bologna**

**6.30 p.m.**

The initiative, carried out as part of the European Horizon Europe SPINE (Smart Public Transport Initiatives for Climate-Neutral Cities in Europe) project, takes its title from a verse in Lucio Battisti’s song ‘Sì viaggiare’ (Yes, travelling), with the aim of highlighting the possibility of travelling in ways that respect the environment and people. A journey through Italian songs, both recent and less recent, that tell the story of the evolution of means of transport and the meaning and symbolic value that women and men have attributed and still attribute to travel or, more simply, to “moving around” (through the streets of the city, on the bus from the countryside to the city centre, by bike in the hills or by car on the motorway). Andrea Campi (guitar and vocals) and Tiziano Guerzoni (cello) will perform a selection of songs addressing various themes related to sustainable mobility.

*> DAR – Department of the Arts, University of Bologna, in the framework of Horizon Europe Spine project*

*Excerpt from the official program of Bologna Mobility Week 2025, page 60*





## FROM 18<sup>TH</sup> TO 22<sup>ND</sup> SEPTEMBER:

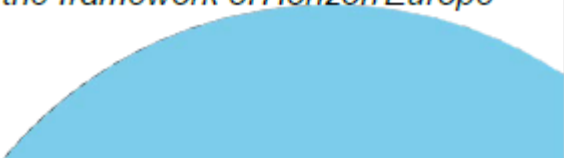
### Mobility Hubs for Bologna

#### FillaLab—Montagnola Park

Thanks to funding from the European Horizon Europe SPINE project (Smart Public Transport Initiatives for Climate-Neutral Cities in Europe), following a participatory consultation process, work is underway to expand the services offered at three Mobility Centres in the city: Casteldebole, Corticella and Mazzini, which are interchange points between the metropolitan railway service, buses, the cycle network and local pedestrian routes.

Inclusive digital information panels, signage directing users to the various mobility services and electric charging stations will be installed at these stations in order to make the sustainable mobility experience more spontaneous and immediate. The material on display describes the various stages of the project, from the initial idea to its ongoing implementation. As part of the SPINE project, the City Council and SRM are also developing further innovative solutions for citizen mobility.

*> Municipality of Bologna e SRM, in the framework of Horizon Europe Spine*



*Excerpt from the official program of Bologna Mobility Week 2025, page 61*



## Objectives and layout of the SPINE events

The two events proposed by SPINE during the Bologna Mobility Week 2025 aimed at making citizens aware of the innovative solutions that the project is implementing in the city to improve urban mobility.

Event 1: Musical performance “Traveling Sweetly” (*“Dolcemente Viaggiare”*, September 21, 6.30 p.m.)

The SPINE musical performance took place at the Ex.Dynamo space and was a journey through songs and stories reflecting on the symbolic and social value of travelling and of different means of transport.

The event was developed with the support of the Department of the Arts of the University of Bologna, which had previously expressed interest in the topic of art and culture as unconventional languages able to nudge critical thinking on sustainable mobility.

**Luca Bellinato, Head of Mobility System Unit** of the Sustainable Mobility Sector and SPINE project coordinator for the Municipality of Bologna, opened the event by presenting the SPINE project to the participants for the first time in a public in-person event in Bologna. He explained that the SPINE Project is a EU-funded initiative dealing with actions for boosting the adoption of sustainable transport solutions, and focussed its intervention in particular on the improvement of three local Mobility Hubs. He also explained how the concept of Mobility Hubs in Bologna evolved through time and how they are turning from simple intermodal exchange points (non-places) to urban nodes; they are designed to provide different and smarter services aimed at improving accessibility and inclusion of different categories of users and their mobility experience. This approach to the Mobility Hubs supports a mind-set change towards a more sustainable mobility; indeed, a range of offered services (ranging from real time information for commuters to information on city news, proximity services, and even cultural messages) can be conveyed through the digital equipment that the city will install in the SPINE Mobility Hubs thanks to project funding.

Following, **Francesco Spampinato (Visual Arts)** and **Anna Scalfaro (History of Music)**, from the Departments of Arts, introduced the musical performance by leveraging on the power of Arts and artists’ sensitivity on topics such as mobility and related issues. Artistic contents addressing current urban challenges also tie into some of the University’s challenges, and specifically: how can University foster transformation within society? How can it reach people who are not necessarily part of the student body or the academic community? In this sense, the Arts serve as a common language that allows practitioners to reach a broad and diverse audience and, through artistic expression, convey messages that carry significant social and environmental value.

A smart musical duo composed by **Andrea Campi (guitar and vocals)** and **Tiziano Guerzoni (cello)** guided participants through a 1.5 hour original journey, tailored on SPINE and built on famous Italian songs from the 60s to modern times. This route was, able to stimulate a discussion on how the cultural meaning of the different transportation modes (car, motorbike, busses, bikes, active mobility such as walking) changed and evolved in the Italian society through the decades, and how and when the concern about pollution began to creep into the minds of the Italians, pushing them to consider environmental implications of everyday mobility.

**Approximately 50 people** attended the event. The number is indicative since the event was free and did not require a registration.

The space where the event took place also reflects the spirit of the project. Ex.Dynamo is located near the Bologna Central Station and hosts a large bike station offering various services for cyclists and commuters. In its recently renewed form, it is also a cultural venue for events, with a strong focus on sustainability.





*“Dolcemente viaggiare” SPINE pop      -up musical performance*



## Event 2: Exhibition on SPINE Mobility Hubs (FILLA Auditorium, September 18-22)

The exhibition showcased the SPINE Mobility Hubs project born from co-creation workshops with citizens and associations, illustrating the path from initial ideas to ongoing works in the three new hubs of Casteldebole, Corticella, and Mazzini.

The exhibition was open to the public from 18 to 22 September, while a special moment was dedicated to citizens to meet the project team on Sunday, 21 September, to ask questions and learn more about project actions.

The exhibition was open on a free access basis, so it is not possible to estimate the total number of visitors; nevertheless, the location chosen for the exhibition - i.e. FILLA, the new cultural centre recently opened in the heart of the urban park called Montagnola, midway from the train station to the Bologna main square and location of the Mobility Village during the EU Mobility Week - ensured a high visibility to SPINE.



*Exhibition on SPINE Mobility Hubs*






**SPINE**

Smart Public transport Initiatives for climate-Neutral cities in Europe



Comune di Bologna



SRM



Fondazione IU  
Piuselli Ghigi

**Exhibition**  
**18 - 22 September**  
**Laboratorio Filla**

**Mobility Hubs for Bologna**

Thanks to funding from the European Horizon Europe project SPINE (Smart Public transport Initiatives for climate-Neutral cities in Europe), following a participatory listening process, work is underway to expand the service offered at three Mobility Hubs in the city: Casteldebole, Corticella, and Mazzini — key interchange points between the metropolitan rail service, buses, the cycling network, and local pedestrian routes.

The exhibition showcases the various stages of the project — from the initial concept to its current implementation — and can be visited from 18<sup>th</sup> to 22<sup>nd</sup> September during the Filla Laboratory's opening hours.



A meeting with the local community is also planned on

**Sunday 21<sup>st</sup> September**  
**at 4.30 p.m.**  
**Laboratorio Filla**

**We look forward to seeing you!**






PUMS  
PUNTO UNIVERSITARIO  
MOVIMENTO URBANO  
SOSTENIBILE



Bologna  
Missione  
Clima



EU MISSIONS  
CLIMATE-NEUTRAL & SMART CITIES



CIVITAS  
CITY INNOVATION  
VARIABLES  
TAKING ACTION  
TOGETHER



Funded by  
the European Union

This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement N° 101096664

Poster at the SPINE exhibition entrance @ Filla



## Mobility Village

At the institutional booth managed by the Municipality of Bologna and the Metropolitan City, visitors could find SPINE roll-up and informative material, focussing in particular on the Mobility Hubs project developed thanks to SPINE.



*Institutional booth, also including SPINE information material*

**Dedicated information materials** were displayed and distributed on site at each of SPINE events and places, and citizens' feedback was gathered through digital questionnaires to assess satisfaction levels and expectations regarding ongoing urban transformations linked to the SPINE project.



## Surveys for stakeholders and citizens

This section summarises the results of the questionnaires administered to participants in the co-design process and to general visitors, highlighting perceptions and expectations regarding the interventions linked to SPINE.

The questionnaires are included in Annex 1 at the end of the document.

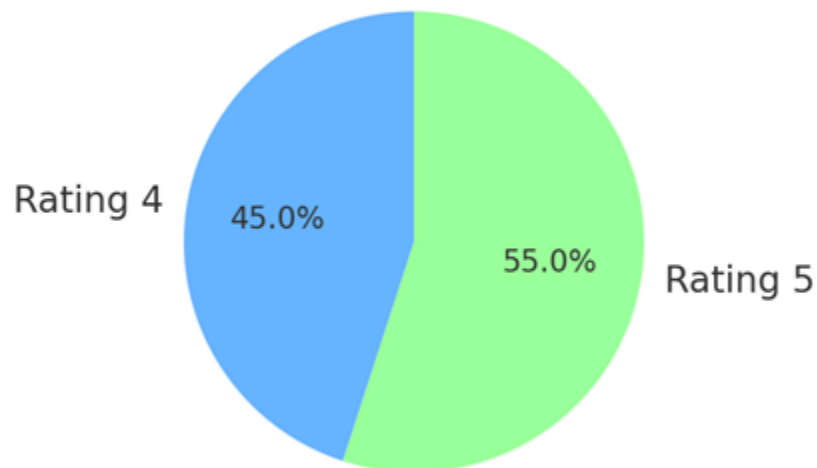
### Questionnaire 1 – Co-design Participants

The questionnaire was administered to participants in the co-design phase and collected 8 responses. Participants expressed a positive view of the project, emphasising the importance of digitalisation, of information accessibility, and of improving station accessibility and usability.

### Questionnaire 2 – General Visitors

All respondents (14 people) indicated that the interventions linked to SPINE will lead to an overall improvement in the areas involved, giving ratings of 4 and 5 on a 5-point scale. The chart below illustrates the distribution of these responses.

## Distribution of Ratings (Scale 1-5)





## Conclusions

In summary, the responses generated based on data from the SPINE project questionnaires show a strong consensus in favour of the SPINE project in Bologna. Citizens recognise the positive impact of the interventions on liveability and sustainable mobility, and underline the need to further develop services such as cycling routes, electric charging stations, and multifunctional public spaces.

From a more general point of view, the work around the planning and set-up of the SPINE pop-up exhibition strengthened the already existing and deeply rooted collaboration among local project partners and efforts were joined to achieve a good level of communication and awareness raising around project actions.

Also, the collaboration with the University of Bologna gave the Bologna SPINE team the opportunity to open a dialogue on alternative languages which can improve communication with citizens around the theme of a more sustainable mobility, and set an important basis for some ideas which will hopefully be discussed in the next future as opportunities to enrich the SPINE Mobility Hubs project.





## ANNEX 1 - SPINE questionnaires administered during Bologna pop-up exhibition

### SPINE POP-UP EXHIBITION: QUESTIONNAIRE 1 – via Google Forms (anonymous)

**Target group:** participants to the co-design phase (consultative committees, associations, schools participating in focus groups, visits to the hubs and labs)

**Aim of the questionnaire:** collecting a specific mid-term evaluation on the ongoing implementation, which can be also useful to collect some input on contents to be presented through the informative systems that are being installed at the hubs.

---

In spring 2024, during the meetings and workshops of the European SPINE project, you contributed to the co-design of solutions to improve three Mobility Hubs in Bologna (Casteldebole, Corticella, and Mazzini stations). These workshops generated concrete proposals, many of which helped define the final design of the SPINE Mobility Hubs, which are currently being implemented.

#### YOUR OPINION STILL MATTERS!

We ask for a few more minutes of your time to help us understand what you like about the ongoing project and which other suggestions you can provide. The survey is completely anonymous.

#### QUESTION 1

Age:

- Between 6 and 17
- Between 18 and 30
- Between 31 and 44
- Between 45 and 64
- Between 65 and 75
- Over 75

For each of the following statements, please indicate how much you agree: 1 is 'not at all' and 5 is 'totally agree'.

#### QUESTION 2

The project helps improve the quality and quantity of information about mobility services available at the station. (For example, which means of transport one can take, their real-time schedules, where the stops are located, where the electric charging point is, where pedestrian and bicycle exits are, etc.)

- 1 (not at all)
- 2



- 3
- 4

5 (totally agree)

Comments / suggestions \_\_\_\_\_

### QUESTION 3

The horizontal / ground signage is clear and useful for directing people to key services.

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)

Comments / suggestions \_\_\_\_\_

### QUESTION 4

The features of the digital devices currently being installed at the stations help improve access to information.  
(For example, multilingual information, real-time schedules, clearly readable text, details on the accessibility of arriving vehicles for people with special mobility needs, etc.)

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)

Comments / suggestions \_\_\_\_\_

### QUESTION 5

In summary: the project currently being implemented can improve accessibility for users of the three stations — Casteldebole, Corticella, and Mazzini — by increasing their independence in traveling.

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)

Comments / suggestions \_\_\_\_\_



## QUESTION 6

In summary: the project currently being implemented can increase user satisfaction at the three stations — Casteldebole, Corticella, and Mazzini — in terms of the information provided.

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)

Comments / suggestions \_\_\_\_\_

## QUESTION 7

In addition to the information currently available, what other information would you find useful to have at the stations? (Please indicate all that you consider useful)

- Other useful services in the area (bike services, electric charging stations, pharmacies, public restrooms, municipal offices, libraries, WIFI hotspots, etc.)

In case, which other services would you like to suggest?

\_\_\_\_\_

- How to plan your intermodal trip (with multiple modes of transportation) and how to purchase the ticket(s)
- Local cultural events
- Nearby cycling routes
- Tourist attractions, tourist or nature trails near the station
- Other \_\_\_\_\_



## SPINE POP-UP EXHIBITION: QUESTIONNAIRE 2 – via Google Forms (anonymous)

**Target group:** general public / visitors

**Aim of the questionnaire:** visitors will be asked what they think about the SPINE project with a specific additional focus on the mobility hubs project presented; also, the influence of the solution on their mobility habits can be investigated in case they live or travel through the three hub areas. Aim: collecting an intermediate knowledge on the feelings and expectations of citizens and PT users on the SPINE project.

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Is this the first time you hear about the European SPINE project? You can still help us understand whether our work could influence your habits towards more sustainable and active travel, and provide us with useful insights for future improvements of the services at the Mobility Centres.

YOUR OPINION MATTERS!

We kindly ask you to take a few minutes to help us understand what you like about the project currently being developed and to share any suggestions you may have. The questionnaire is completely anonymous.

### QUESTION 1

Age:

- Between 6 and 17
- Between 18 and 30
- Between 31 and 44
- Between 45 and 64
- Between 65 and 75
- Over 75

For each of the following statements, please indicate how much you agree: 1 is 'not at all' and 5 is 'totally agree'.

### QUESTION 2

The project helps improve the quality and quantity of information about mobility services available at the station. (For example, which means of transport one can take, their real-time schedules, where the stops are located, where the electric charging point is, where pedestrian and bicycle exits are, etc.)

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)

Comments / suggestions \_\_\_\_\_



## QUESTION 3

FOR THOSE WHO DO NOT LIVE NEAR THE CASTELDEBOLE, CORTICELLA AND MAZZINI MOBILITY HUBS:

If these services were implemented at a station closer to me, they would have a strong impact on my daily commuting.

- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)
- Comments / suggestions \_\_\_\_\_

## QUESTION 4

FOR THOSE WHO LIVE NEAR THE CASTELDEBOLE, CORTICELLA AND MAZZINI MOBILITY HUBS:

The ongoing works may contribute to user satisfaction, in terms of the information provided.

- I do not live near these hubs
- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)
- Comments / suggestions \_\_\_\_\_

## QUESTION 5

FOR THOSE WHO LIVE NEAR THE CASTELDEBOLE, CORTICELLA AND MAZZINI MOBILITY HUBS:

The ongoing works may improve accessibility for users, increasing their independence in travel.

- I do not live near these hubs
- 1 (not at all)
- 2
- 3
- 4
- 5 (totally agree)
- Comments / suggestions \_\_\_\_\_

## QUESTION 6

In addition to the information currently available, what other information would you find useful to have at the stations? (Please indicate all that you consider useful)



- Other useful services in the area (bike services, electric charging stations, pharmacies, public restrooms, municipal offices, libraries, WIFI hotspots, etc.)
- In case, which other services would you like to suggest?  
\_\_\_\_\_
- How to plan your intermodal trip (with multiple modes of transportation) and how to purchase the ticket(s)
- Local cultural events
- Nearby cycling routes
- Tourist attractions, tourist or nature trails near the station
- Other \_\_\_\_\_