

URBAN MOBILITY DAYS 2023

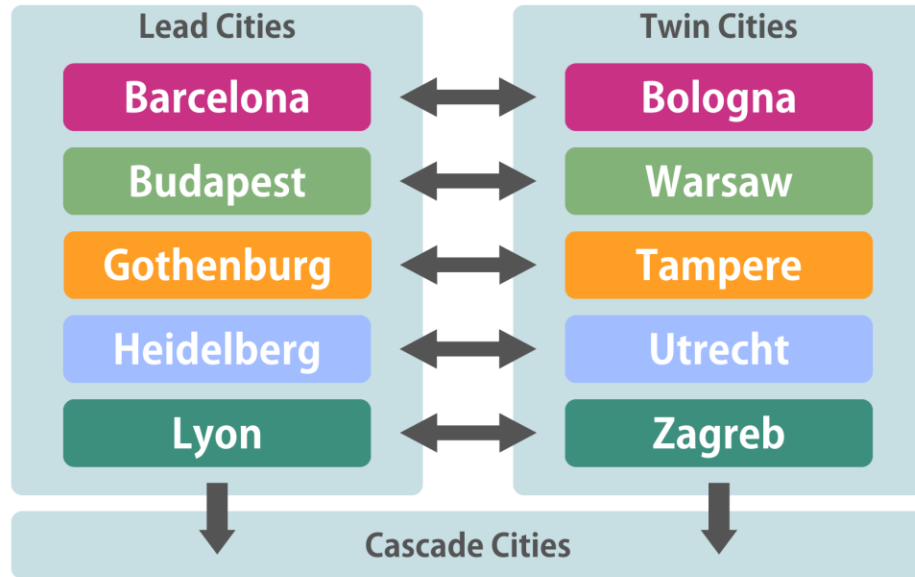
PROJECT PITCHES



REALLOCATE

RETHINKING HOW WE MOVE

REALLOCATE transforms streets into inclusive, green, safe and future-proof urban spaces, where communities live and thrive.



Smart &
green



OPEN
DATA



Cross-
sector

KEEP IN TOUCH!



www.reallocatemobility.eu



@REALLOCATE_EU



@reallocate-project

This project has received funding from the European Union's Horizon Europe programme under grant agreement No. 101103924. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European

ELABORATOR

“The European Living Lab on designing sustainable urban mobility towards climate neutral cities”

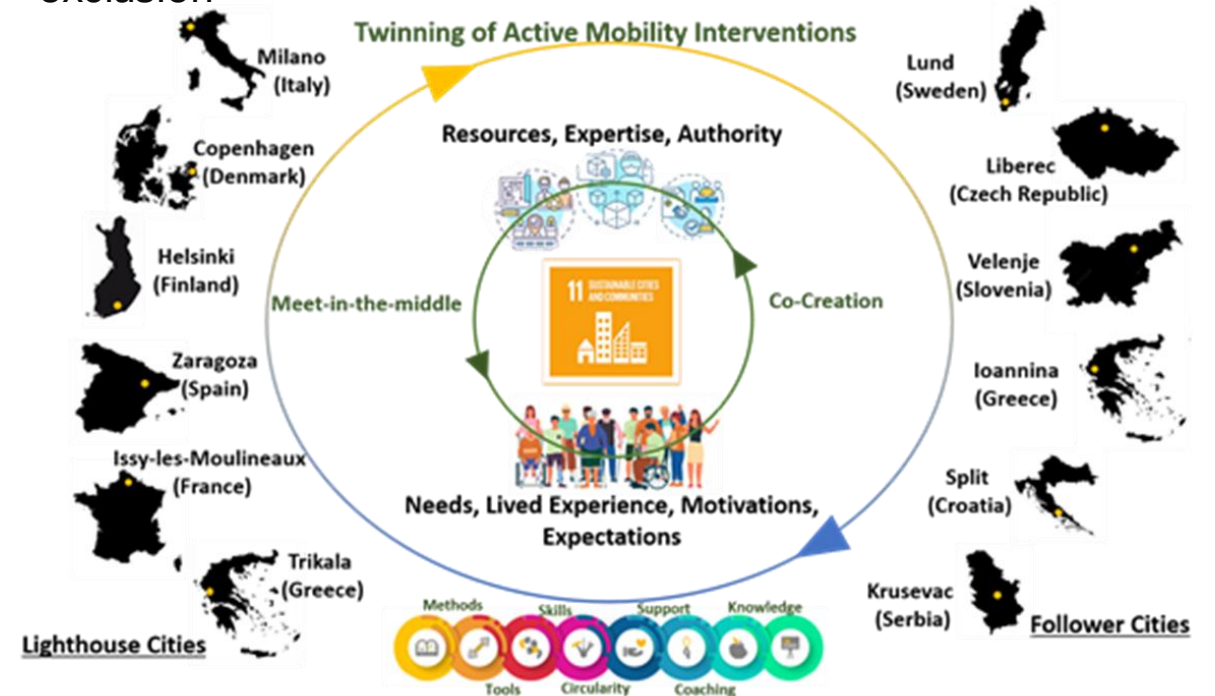
The primary aim of ELABORATOR project is to support cities in the transition towards climate neutrality through the promotion of zero-emission, shared, active and human-centred mobility

HORIZON-MISS-2022-CIT-01-01, Topic: “Designing inclusive, safe, affordable and sustainable urban mobility”

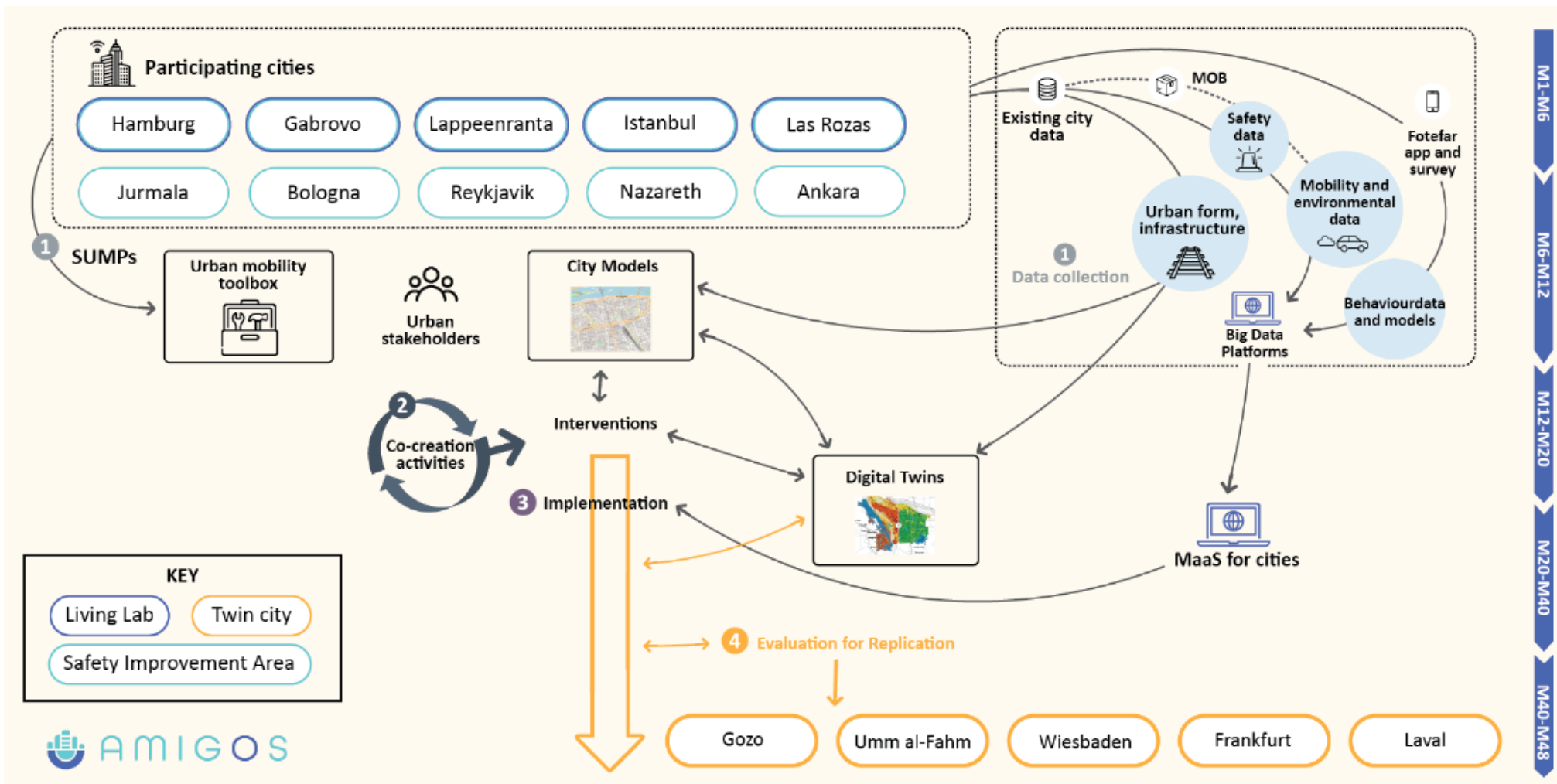
- Type of action: Innovation Action (IA)
- EC Funding: € 11 347 664.00
Total Budget: € 12 387 260.00
- 12 Living Labs, 9 in 100 climate neutral and smart cities
- Duration: June 2023 –November 2026
- 38 partners
- Coordinator Dr. Angelos Amditis, Institute of Communication and Computer Systems (ICCS)

UN Sustainable Development Goal 11: To make cities and human settlements inclusive, safe, resilient and sustainable.

1. Citizen-centric and data-driven approaches in 6 Lighthouse cities and 6 Follower cities
2. Articulating and designing interventions for all citizens, with a particular focus on the needs of those who are vulnerable to exclusion

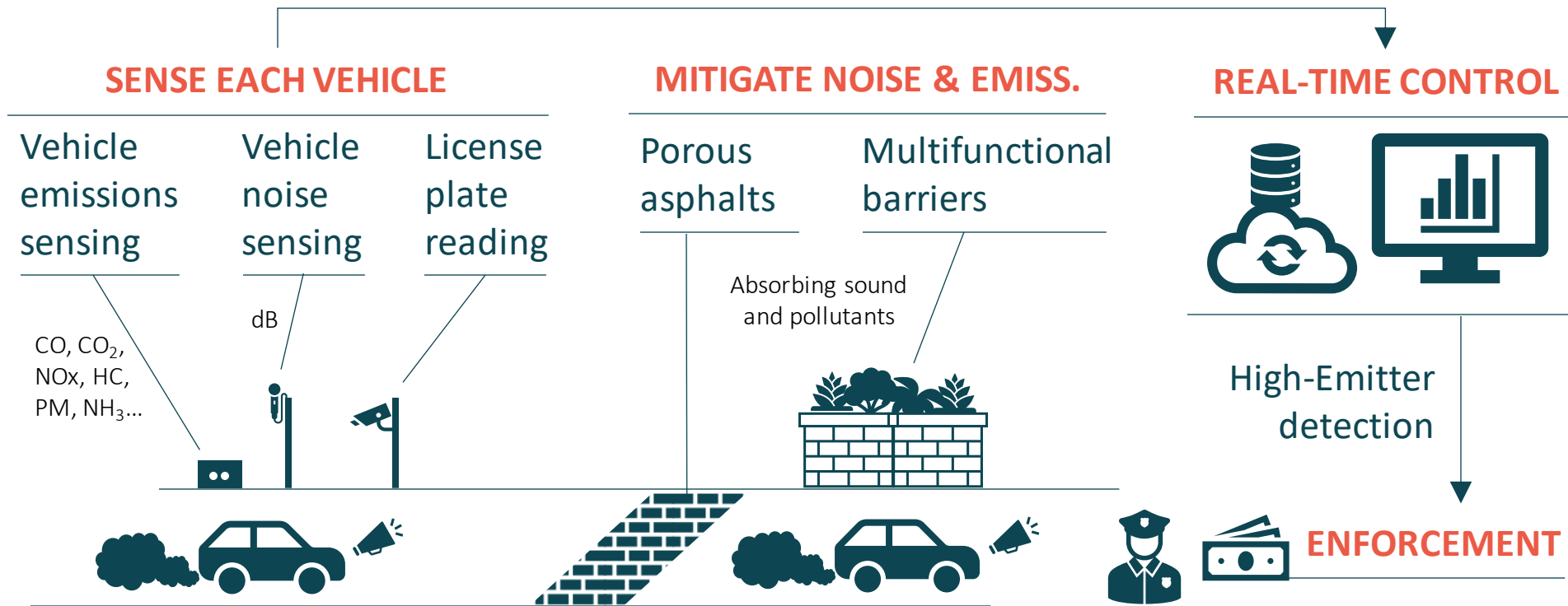


This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101103772.





H2020 NEMO Noise and Emissions Monitoring and Radical Mitigation



Pilots:

- Florence
- Rotterdam
- Madrid
- Barcelona
- Valencia
- Susteren

Sea



Rail



Road

[CENTRO TECNOLÓGICO] **CARTIF**

MÜLLER-BBM



kapsch >>>



Université Gustave Eiffel





13 cities and regions committed in demonstrating and adopting 23 Physical Internet-like zero-emission urban logistics solutions supported by the DISCO Meta Model Suite

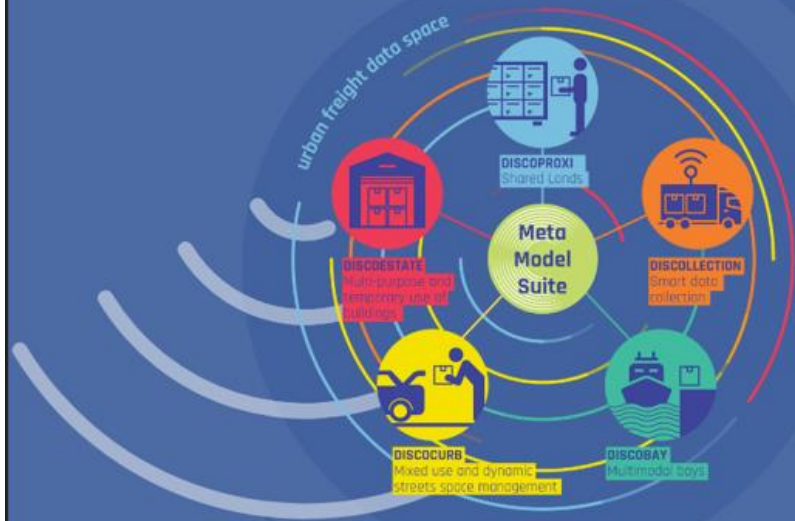
Showcase replicability of > 15 implementation cases, accelerating transferability and adoption in the DISCO Knowledge Hub

Enable > 50 cities and business players in voluntary data sharing by adopting an UF Data Space

Engage > 50 collaborating urban logistic communities with a ready-to-use UF Data Space

Citizens' participation > 1000 people actively involved in urban logistics innovations at Open Days

Best value-for-money with higher impact and shorter time-to-market of solutions, supporting the Green Deal, Urban Mobility Package, and Cities Mission targets, built on EU projects like URBANE, NOVELOG, SENATOR, TOKEN, and many other

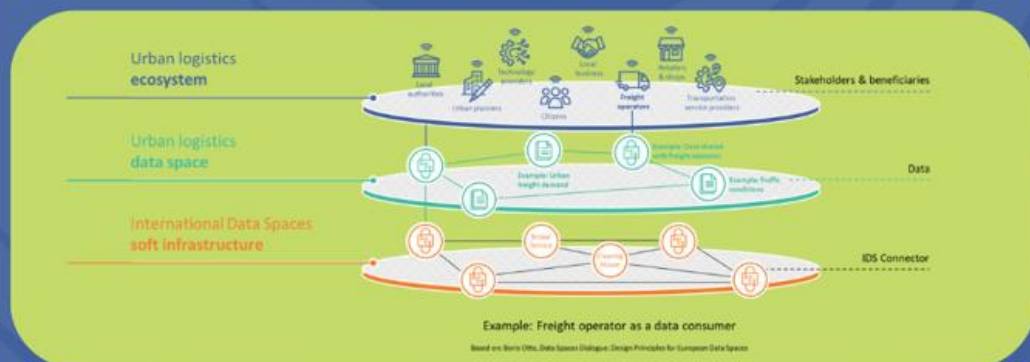


DISCO-X: a super-hero supporting cities in going fast and innovate in optimal and strategic use of space

Pooling resources of the logistics industry, city planners and decision makers has potentials to accelerate a vibrant economy, **making urban space well managed and equally accessible**.

New urban warehouses concepts and «proximity logistics» can turn the historic trend of locating logistics warehouses on the outskirts of cities.

Dynamic decision-making, by real-time data, can effectively perform with less resources and negative impacts, enabling different users and uses, planned the day and night, and by priorities, thinking to «**urban corridors of value**».



THE DISCO BLUEPRINT FOR PI-LIKE URBAN LOGISTICS AND PLANNING



NEW UPDATE!

EUROPEAN LIVING LABS AND EARLY ADOPTERS



Starring Living Labs



Twinning Living Labs

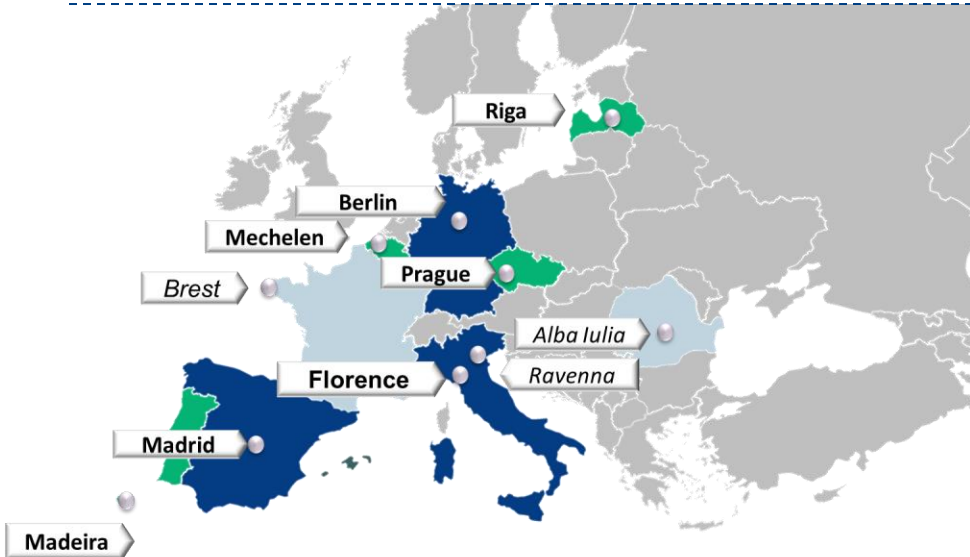


Follower Cities and Regions

UNCHAIN in a nutshell

UNCHAIN will “break the chains”, boosting the cooperation between public authorities and logistics stakeholders through a standardised and reliable data exchange ecosystem that will make the urban freight data more available and accessible and will develop 12 innovative services

17 EU partners + 1 Associated partner
Total budget: 8,4 M€
Start date: 01/05/2023
Duration: 42 months



	SERVICE	MAD	BER	FLO	MEC	PRA	FUN	RIG
STRATEGIC	SUMPs and SULPs guidance tool	✓	✓	✓	✓	✓	✓	✓
	Freight-efficient land use strategy	✓	✓	✓				
	UCC location and integrated planning KIT	✓	✓	✓				
	On-street loading zones planning tool			✓				✓
	Active UVARs and city regulations tools		✓	✓	✓		✓	
	Knowledge powerhouse for urban logistics	✓	✓	✓	✓	✓	✓	✓
OPERATIONAL	Dynamic curb side management	✓		✓		✓		
	Dynamic management of pick-up/drop-off points			✓		✓	✓	
	IT Pop-Up delivery points management tool	✓						✓
	Logistics operator monitoring system and incentives tool			✓				
	Congestion forecasting and safe route planning	✓	✓	✓				
	Advanced Management IT Cockpit of Shared Facilities	✓		✓	✓			



Funded by
the European Union

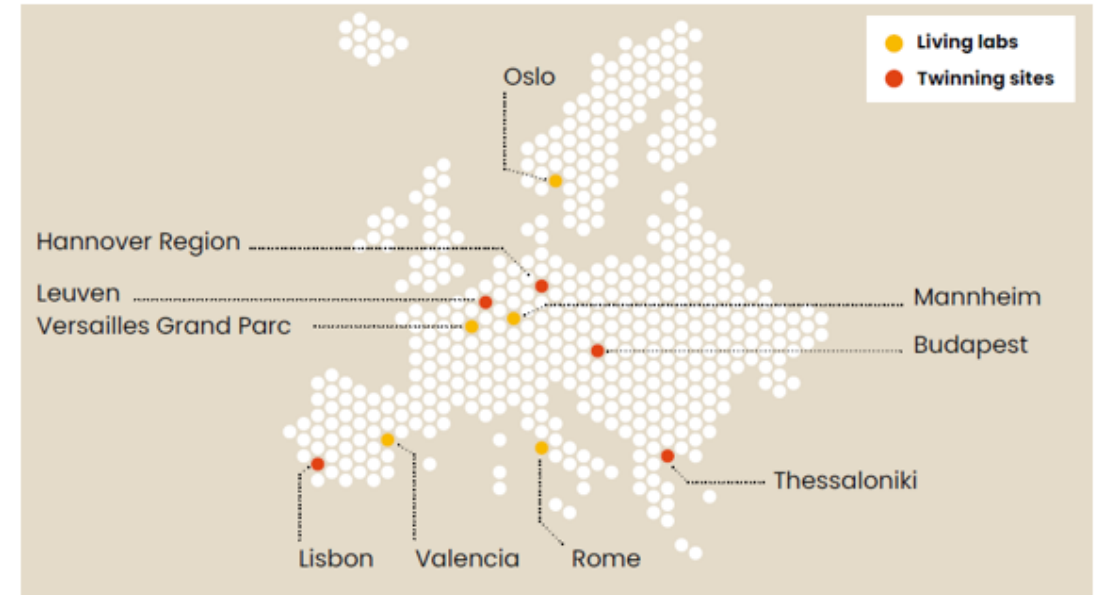
This project has received funding from the European Union's Horizon Europe research and innovation programme under the grant agreement No 101103812



Unleashing the Potential of Public transport in EuRope

Consortium of 41 partners helping cities reach their climate targets by prioritizing public transport as the backbone of urban mobility

10 sites across Europe to test 80 innovative measures pushing people out of cars & pulling them towards public transport.



Toolkit of 7 IT Tools helping cities benefit from the experiences of others; implement their measures; better understand and plan mobility services; and transfer their good practice to others.

Contributing to the goals of CIVITAS and EU Mission on cities
Horizon Europe funding GA #101095904



Smart Public transport Initiatives for climate-Neutral cities in Europe

DIGITAL ENABLERS

- Mobility planning Smart City Platform
- Simulation Tools, Digital Twin
- Citizen Mobility Applications
- SPINE Urban Mobility Dataspace
- Mobility as a Service/Multimodal Journey Planner App

MOBILITY SERVICES

- Hyperlocal on-demand mobility service/ Cargo Hitching
- Integration of modes & ticketing
- New inclusive services
- Real time information – Incentivization
- Passenger Crowding/Congestion Monitoring

PHYSICAL IMPLEMENTATIONS

- Multimodal Hubs
- EV charging stations/posts / Wireless Energy Transfer
- Traffic Management / New Lanes / PT Prioritization
- Low Emission Zone (LEZ) Congestion charging scheme

- Increase the share of PT (modal split)
- Increase user satisfaction with PT
- Reduce cars
- Reduce CO2

4 Lead Cities
7 Twinning Cities

48

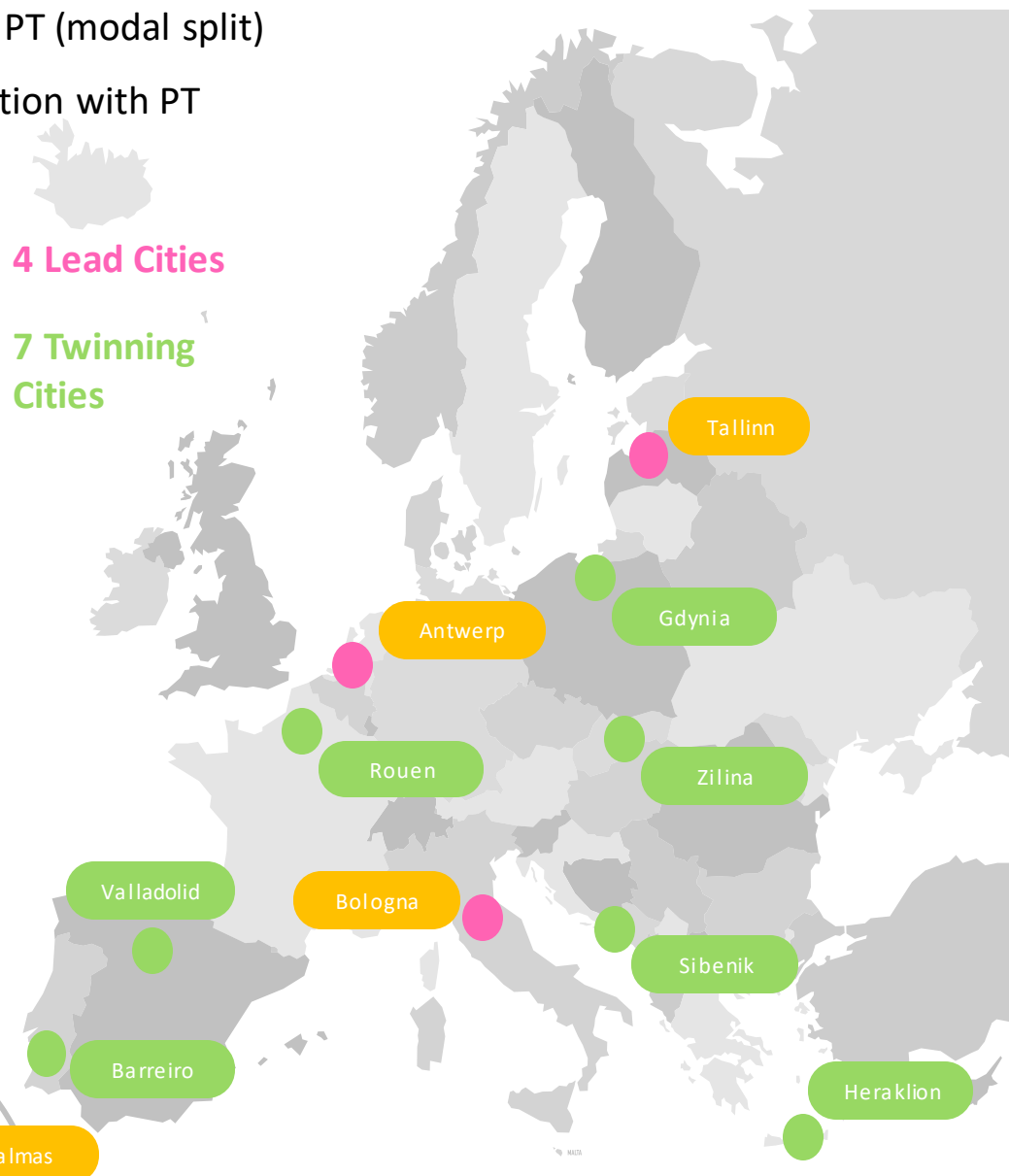
Months

17

Millions Euro

39

Partners



Internas



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



Luce Brotcorne – INRIA, Sum-coordinator@inria.fr

Innovative, intermodal, interconnected, greener, safer, more resilient, and replicable NSM

Push and pull interventions

Leading Living Labs

- Munich (XL)
- Athens (XL)
- Jerusalem (XL)
- Geneva (XL)

Follower Living Labs

- Rotterdam (L)
- Krakow (L)
- Coimbra (M)
- Larnaca (S)
- Fredrikstad (S)

Pan European Open Data Platform
Policy Recommendations
Pan European Value Chain

5 technological pillars



Passenger demand and shared vehicle availability prediction



On-demand shared mobility management



Scheduling and Ticketing integration of NSM and PT



Co-creation of Mobility Hubs and Streetspace



Mobility Management

Increase NSM in the modal distribution by 25 %

Improve the physical infrastructure for NSM

Influence user behaviour, deploy push and pull measures

Sustainable and impactful scaling up of NSM, policy recommendations and guidelines

