

Workshop IV

Smart Public Transport Initiatives for Climate-neutral Cities in Europe

This workshop will present the EU-funded project SPINE. SPINE aims to accelerate the progress towards climate neutrality by reinforcing public transport systems through their smart integration with new mobility services, sharing schemes, active transport, and micro mobility. As part of SPINE, a network of collaborative Living Labs is developed, including four lead (Antwerp, Bologna, Tallin and Las Palmas) and seven twinning cities (Barreiro, Valladolid, Zilina, Sibenik, Hrakleion, Gdynia and Rouen). In each lead city, a series of co-creation activities will take place where multiple stakeholders are actively engaged in the development and demonstration of efficient, replicable, and socially acceptable innovative mobility solutions, advancing existing assets. The SPINE approach also involves the creation of innovative simulation and Digital Twinning (DT) tools, along with open data and behavioural models, that will allow the building of scenarios combining different mobility interventions (push and pull measures along with supporting policies) as well as data-driven impact assessment models that will foster the twinning, transferability and adaptation of the successful solutions of the four living labs in the twinning cities.

Organizers

On behalf of the University of the Aegean:

- ❖ Dr. Ioanna Pagoni, Department of Shipping, Trade and Transport, Transportation and Decision-making Lab, University of the Aegean
- ❖ Professor Amalia Polydoropoulou, Department of Shipping, Trade and Transport, Transportation and Decision-making Lab, University of the Aegean

On behalf of AIMSUN:

- ❖ Dr. Juan S. Angarita Zapata, Scientific Researcher, **Aimsun**, Barcelona, Spain
- ❖ Dr. Jordi Casas, Global Head of Research and Development, **Aimsun**, Barcelona, Spain
- ❖ Dr. Mark Brackstone, Head of Research Projects, Aimsun, Barcelona, Spain