



Multimodal Optimisation leveraging Data Acquisition from Local Stakeholders towards a Holistic Improvement of Freight and People Transport

Two use cases

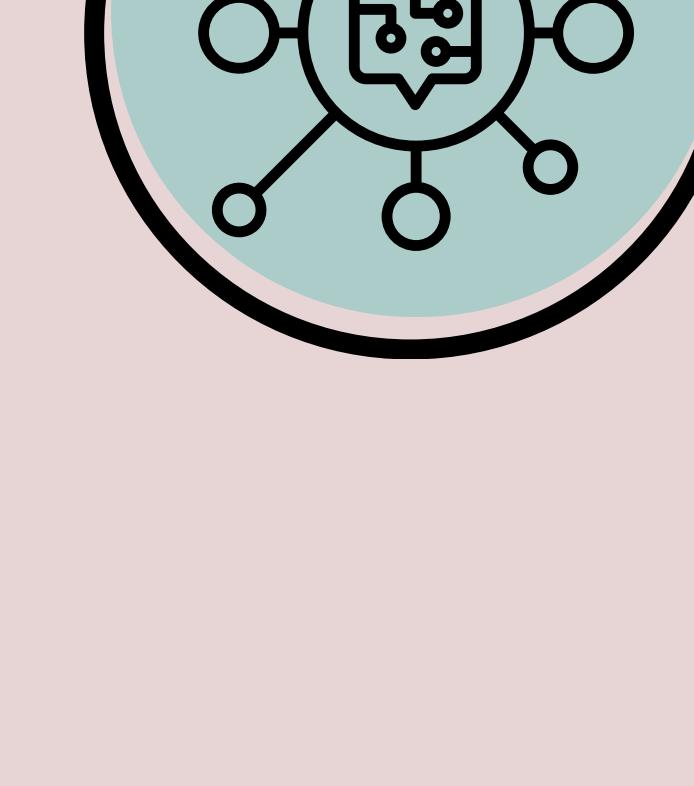
1 DIGITAL TWIN OF MADRID'S TRANSPORT NETWORK

Creation of a digital twin virtually representing the Madrid transport system using open mobility data



2 MULTIMODAL HUB INTEGRATION AT ESTACIÓN SUR

Integration of passenger & freight transport within the Estación Sur transport hub



OBJECTIVES

- Reduce connection delays for passengers through coordinated multimodal services
- Introduce Capacity-as-a-Service (CaaS), using available space in public transport vehicles to transport freight

avanza 
BY MOBILITY ADO

MADRID

Who?

1

CITIZENS OF THE MADRID METROPOLITAN AREA



2

FREIGHT COMPANIES AND PUBLIC TRANSPORT OPERATORS



3

PUBLIC AUTHORITIES



USE CASES DETAILS

**AREA
INHABITANTS**

8,000 KM²

6,7 MILLION



Funded by the European Union. 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 Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.