

DYNAMIC MOBILITY OPTIMIZATION THROUGH DATA SPACES

DYNAMO

at a glance

TURNING MOBILITY DATA INTO USEFUL
INSIGHTS FOR SMARTER AND MORE
SUSTAINABLE TERRITORIES



European pilot

AN INITIATIVE IN THE
CONTEXT OF
EUROPEAN
COLLABORATION



3 European partners

FEMP, DATA FRYSLÂN
AND RIGA



3 functional areas

TRAFFIC PULSE
GREEN MOBILITY
DATA SPACE INSIGHTS



Powered by EDINT

THE SMART URBAN
INFRASTRUCTURE DATA
SPACE



August - October 2026

PILOT
IMPLEMENTATION
PERIOD



DYNAMO is led by FEMP, with the participation of Cooperation Data Fryslân and Riga City Council / Riga Digital Agency as pilot partners.

What is DYNAMO?

DYNAMO is a European pilot exploring how interconnected mobility data can help improve the information available to support public decision-making.

Led by the Spanish Federation of Municipalities and Provinces (FEMP), together with Riga and Data Fryslân, the project builds on EDINT, the Smart Urban Infrastructure Data Space, to integrate and analyse mobility-related information from different sources and territorial contexts.

The challenge

Mobility-related data can be distributed across different systems, sources and organisations, making it difficult to obtain an integrated view of mobility within a territory.

DYNAMO addresses this challenge by exploring how these data can be connected, shared and analysed in an interoperable way.



The approach

DYNAMO uses a federated data space to integrate different information sources and provide analytical capabilities that help public administrations better understand mobility dynamics and support data-driven decision-making.



TRAFFIC PULSE

Understanding mobility dynamics

Integrates and analyses mobility data to provide a more comprehensive view of mobility patterns and conditions and facilitate their monitoring



GREEN MOBILITY

Analysing mobility from a sustainability perspective

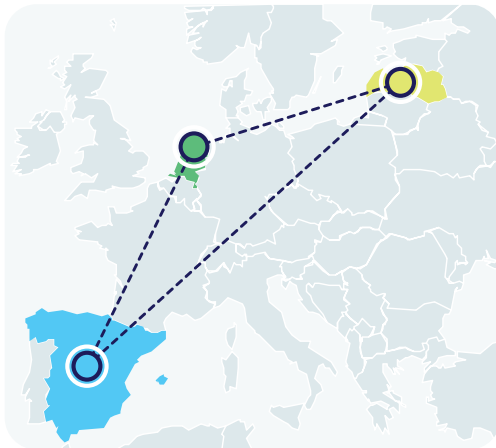
Explores indicators related to sustainable mobility and its environmental dimension to generate useful information for public administrations



DATA SPACE INSIGHTS

Unlocking the value of shared data

Explores data integration, availability and reuse within the data space, facilitating its use and analysis across different contexts



European collaboration

SPAIN – FEMP

Project coordination and connection with the EDINT ecosystem

LATVIA – RIGA

Pilot environment, data contribution and validation of the DYNAMO approach

THE NETHERLANDS – FRYSLÂN

Pilot environment, data contribution and validation of the DYNAMO approach

What does DYNAMO aim to demonstrate?



DATA → DECISIONS

Explore how interoperable data sharing can improve the information available for mobility analysis and support public decision-making



ONE APPROACH → DIFFERENT TERRITORIES

Test a common data-space-based approach across different European territorial contexts



PILOT → REPLICABILITY

Generate knowledge and lessons learned that can contribute to the future transfer and replication of the approach in other European territories

Discover DYNAMO

Learn more about the project, its use cases, pilot territories and results.

edint.es/en/dynamo/

