DELPHI at a glance

Communication & Liaison activities with
SYNCHROMODE and ACUMEN

Mrs. Elena Krikigianni, SEABility

Online meeting, 27.09.2023

Meeting agenda

o Round table (5')

o DELPHI overview short presentation (10')

o SYNCHROMODE and ACUMENI overview short presentation (20')

o Discussion on synergies (25')

o Wrap- up (5')

DELPHI key facts

o **Full Title:** FEDERATED NETWORK OF PLATFORMS FOR PASSENGER AND FREIGHT INTERMODALITY

o **Project ID:** 101104263

o **Call and Topic:** HORIZON-CL5-2022-D6-02-05 ("Advanced multimodal network and traffic management for seamless door-to-door mobility of passengers and freight transport")

o **Funded Under:** Horizon Europe

o **Funding Scheme:** RIA –Research and Innovation Action

o **Duration:** 36 months, 01 July 2023 – 30 June 2026

o **Total Cost/EU contribution:** EUR 4,999,561.5

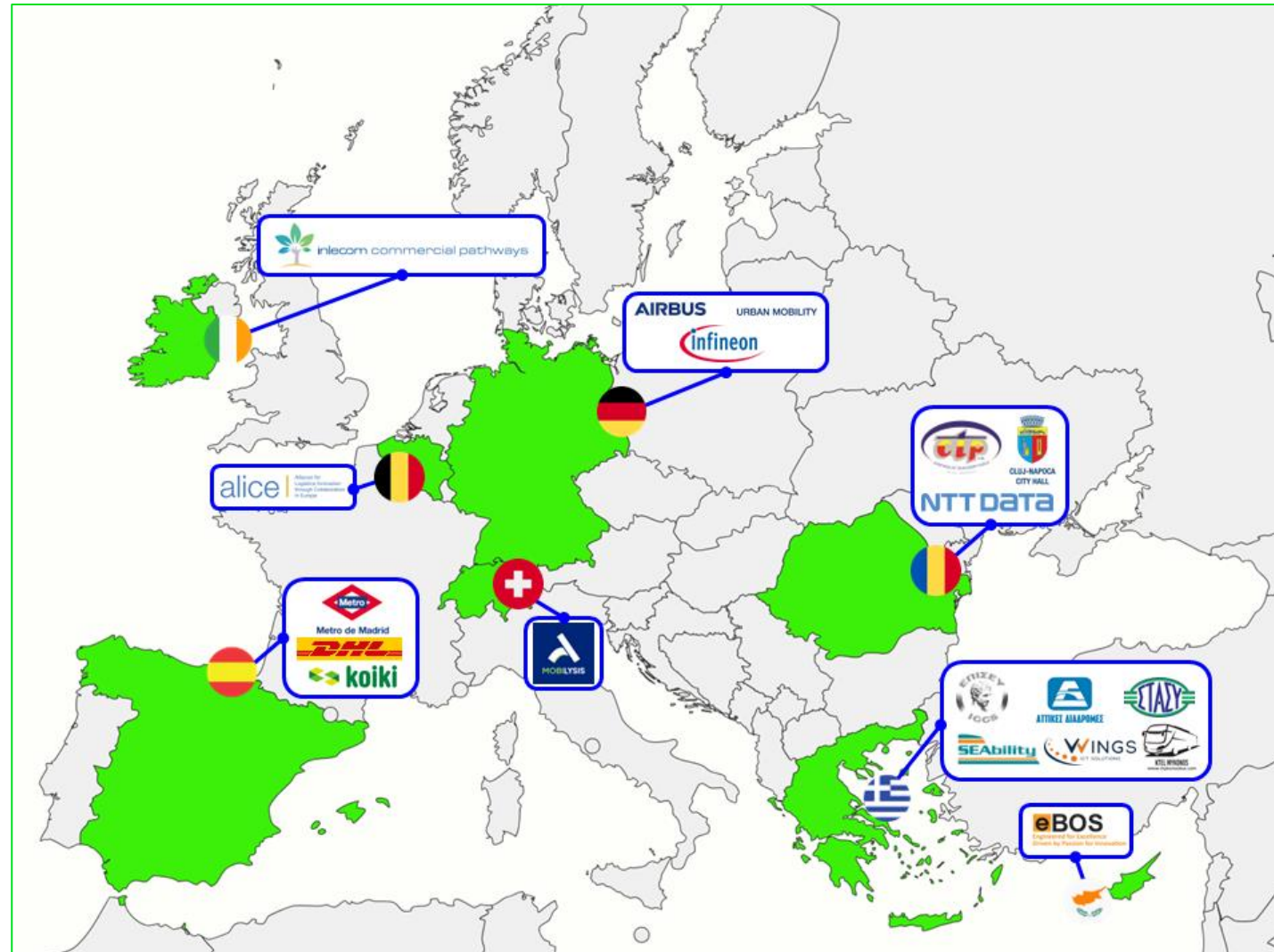o **Project Coordinator:** Institute of Communication and Computer Systems (ICCS)

DELPHI consortium

DELPHI brings together a complementary consortium:

- o of 16 partners (+1 associated partner and 1 affiliated entity),

- o from 8 EU and associated countries

with the view to address the growing challenges of passenger and freight mobility.

DELPHI's vision

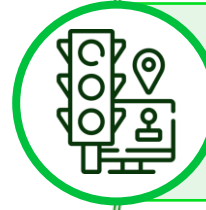Concept & Use Cases

DELPHI concept & objectives

DELPHI focuses on the strategic dimension of integrating passenger and freight transport in a single system, working towards integrating sectors, harmonizing data, and leveraging advanced methodologies, to transform transportation systems, for a sustainable future.

Novel governance and regulatory schemes and models

"Multimodal Passenger and Freight Transport Network of Platforms (NoP)" framework

AI/ML-powered transport network and traffic management (TNTM) optimisation framework

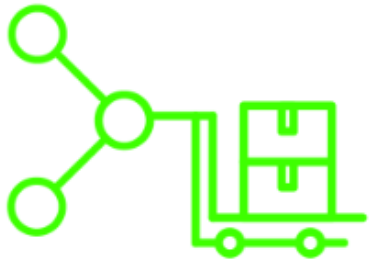Validation via 4 pilots and simulation-based analysis

Compatibility with EU standards, contribution to standardization and impact maximization

DELPHI use-cases

DELPHI's federated ecosystem will be extensively evaluated in real life settings through four pilot demonstrations across the participating transportation networks located in Spain (Madrid), Greece (Athens and Mykonos), and Romania (Cluj-Napoca).
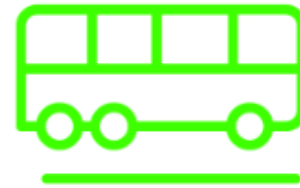
USE CASE #1

Multimodal transport for a Sustainable LMD supported by blockchain for sharing economy in the e-commerce Channel (Spain)

USE CASE #2

Integrated freight and passengers' models and data sharing framework in the Attica region (Greece)

USE CASE #3

Integrated freight and passengers' models and data sharing framework at the island of Mykonos (Greece)

USE CASE #4

Integrated passengers' models and data sharing governance framework in the Cluj-Napoca Metropolitan Area (Romania)

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Thank you for your attention!

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Funded by the
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