DISCO Meta Model Suite

Developed by :

CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS

INTERNATIONAL DATA SPACES ASSOCIATION

Project by :

DISCO

DISCO META MODEL SUITE

DISCO

What is the DISCO Meta Model Suite (MMS) ?

A modular, evidence-based guidance suite helping cities design, assess, and deploy PI-inspired urban logistics solutions.

What it enables

- **Structured decision-making** for cities selecting DISCO-X solutions.
- **Interoperability-by-design** using EIF-aligned criteria.
- **Technical readiness checks** (Must-Have / Nice-to-Have scoring, weighted compatibility).
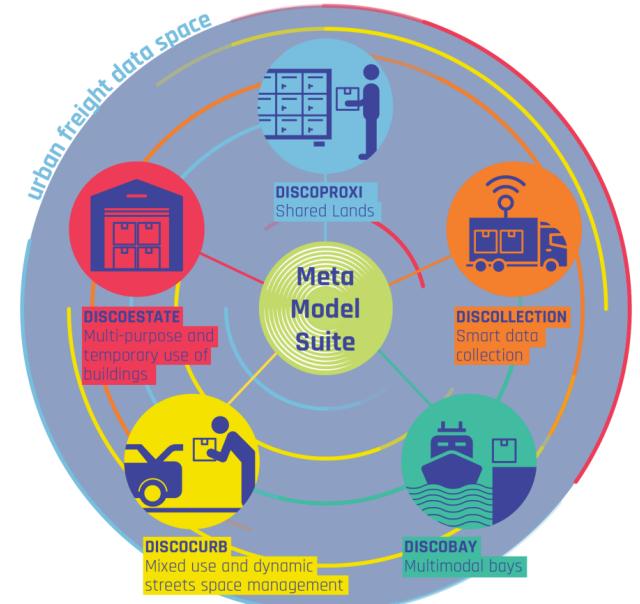
Value Drivers:

- **Interoperability:** Common standards across data, technology, organization, and legal layers, aligned with the EIF* and applied to all DISCO-X solutions.

- **Evidence-based design:** All guidance derived from pilot implementation and validated through interoperability matrices.

- **Risk reduction:** The Interoperability & Technical Compatibility Checkpoint evaluates whether a city meets all essential ("must-have") requirements for a given DISCO solution. By combining weighted criteria into a single score, it gives a clear pass/fail verdict, helping cities avoid investing in deployments that would not work in their current digital or organizational environment.

- **Scalability:** Harmonized requirements make the solutions transferable across diverse cities and governance structures.

*European Interoperability Framework

Main beneficiaries

Local authorities, Urban planners, Logistics operators, MaaS / UFDS integrators, Researchers.

urban freight data space
DISCOPROXI — Shared Lands
DISCOESTATE — Multi-purpose and temporary use of buildings
DISCOLLECTION — Smart data collection
Meta Model Suite
DISCOCURB — Mixed use and dynamic streets space management
DISCOBAY — Multimodal bays

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Why the DISCO MMS Matters for Cities

- **Reduces deployment risk:** Cities receive a clear, quantitative verdict about which DISCO-X they can adopt.

- **Ensures interoperability:** Built directly on cross-pilot lessons plus a multi-layer EIF-CMM (European Interoperability Framework - Capability Maturity Model) evaluation model.

- **Scalable and transferable:** Harmonized requirements abstracted from local pilots allow replication across other European cities.

- **Bridges innovation and policy:** Helps cities prepare evidence-based SULPs, UVAR implementations, and logistics strategies.

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See what DISCO is about

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Would you like to know more? Take contact :

Dimos Touloumidis
Research Associate

Centre for Research and Technology Hellas (CERTH)/
Hellenic Institute of Transport (HIT)
6th km Charilaou – Thermi Rd., P.O.Box: 60361, P.C.: 57001,
Thermi, Thessaloniki, Greece

dtouloumidis@certh.gr

+30.2311.257643

www.imet.gr/index.php/en/institute-en-2

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