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EMPOWERING SMART CITIES

A European initiative turning data, AI and interoperability into local action.

SMARTCITY
EXPO WORLD CONGRESS

Bridging the Data-Decision Gap



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**EU LDT
TOOLBOX**

All EU cities face a common challenge

**Turning complex urban data into
actionable, trusted insights.**

The **EU LDT Toolbox** empowers cities to:



Build digital twins faster using **interoperable, EU-standard** tools.



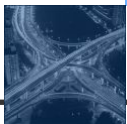
Reuse **open-source** components across cities, sectors, and use cases.



Cut development costs and complexity while enabling data-driven governance.

Impact & Advantages

Faster Results & Efficiency



Helps cities simulate scenarios, anticipate outcomes, and act on data-driven insights to deliver faster, more cost-effective results.

Seamless Public Service Delivery



Enables municipalities to create Local Digital Twins that support smarter decisions and ensure consistent, citizen-focused services.

Stronger Participation



Fosters collaboration with citizens and stakeholders, building trust and transparency in local policymaking.



Mobility Planning

Low Emission Zone Use Case/Simulator
Urban Mobility model

Energy Optimization

Neighborhood energy demand forecasting model
Energy Efficiency model

Urban Health

Pollution Propagation model

Urban Planning

EU Building Database
Reconstruction model

Sustainability

Environmental footprint model for building

 About the project

City Innovation areas

Each model supports smarter, greener,
more resilient cities.

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EU Building
Database

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Interoperable
Tools

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Algorithm
Models

All the EU LDT Tools



Key Tools Featured

EU LDT Integrated Environment

EU LDT Data Platform

EU LDT AI Notebook

EU LDT Use Case & Scenarios

EU LDT Play & Visualize

EU LDT Identity Manager

Let's Change the Game Together

Join us to discover the
EU LDT Toolbox

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Scan to learn more and get involved.