Urban Logistics Innovation Day

26 September 2023, Brussels

Break-out Session I-A:
Digital Twins & what if
scenarios









Alliance for Logistics Innovation through Collaboration in Europe



#LEADFinalConference #UrbanLogisticsInnovationDay





Peer-to-peer exchange

Policy & Advocacy

Research

Innovation

120 Cities, regions and related entities

















Line-up

Live Demonstration of the LEAD Platform:

 Use of digital twin in urban logistics & how city can benefit from the LEAD project: loanna Fergadiotou and Andreas Alexopoulos, INLECOM

Presentations

- URBANE: Upscaling Innovative Green Urban Logistics Solutions, Dimitris Rizopoulos, INLECOM
- The LIAISON platform: LEAD Lyon and DISCO Copenhagen use cases, Dimitra Politaki, IRT SYSTEMX
- Digital Twins 4 Regions & Living-in.EU initiative, Giacomo Lozzi, European Network of Living Labs

Discussion with all Wrap-up



slido

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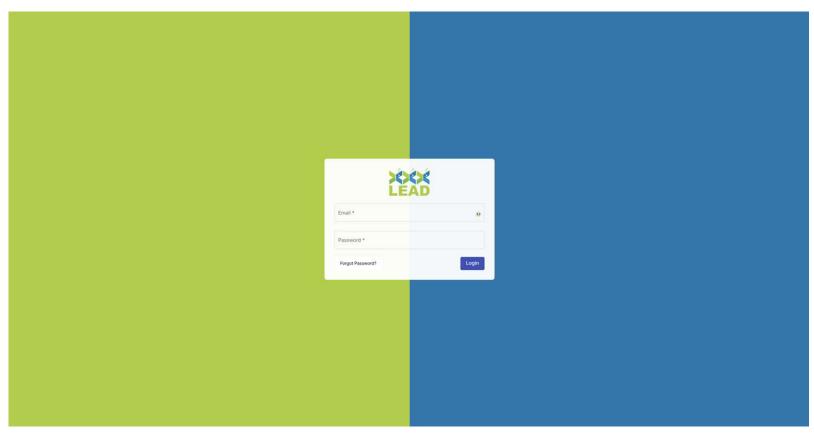
Platform Demonstration

Ioanna Fergadiotou, Andreas Alexopoulos, Dimitris Rizopoulos
INLECOM - Technical & Innovation Manager



Introduction

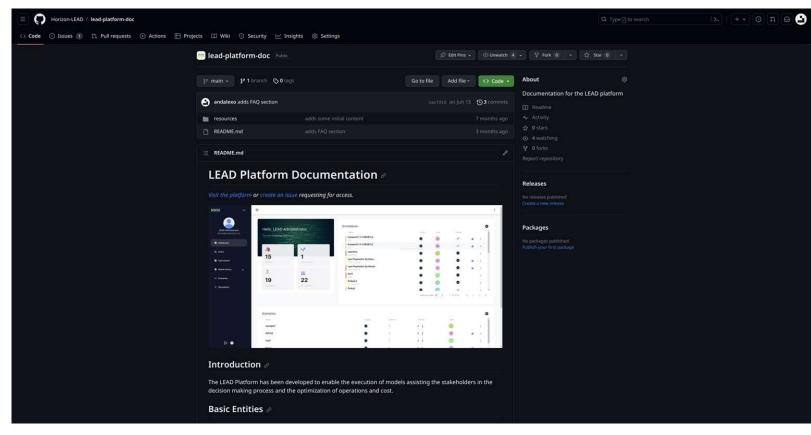




https://platform.leadproject.eu/



Documentation





https://github.com/Horizon-LEAD/lead-platform-doc



Further Material



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Introduction to scenario planning deployment

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The LEAD Platform: Quick walkthrough

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LEAD Platform: User Registration

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LEAD Platform: Model Integration

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LEAD Platform: Scenario Builder

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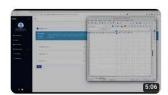
LEAD Platform: Data Asset

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LEAD Platform Simulations

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LEAD Platform: Example 1

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LEAD Platform: Example 2

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LEAD Platform: Key Take aways

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Exchange Session - The LEAD Platform Walk-Through

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https://www.youtube.com/@polisvideo/videos



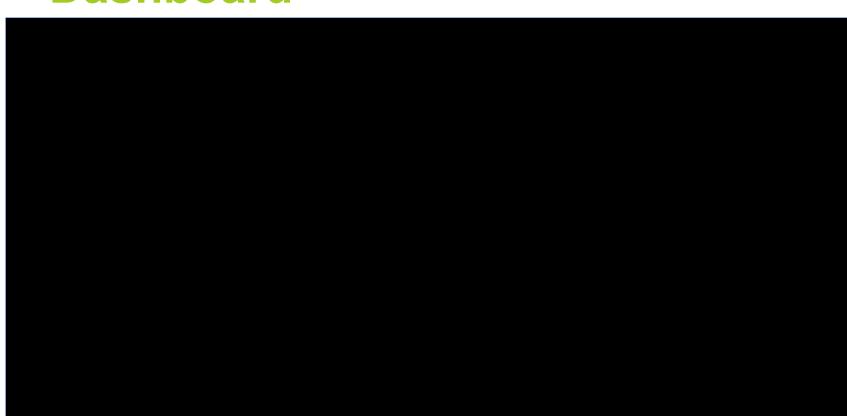




Platform Walkthrough



Dashboard







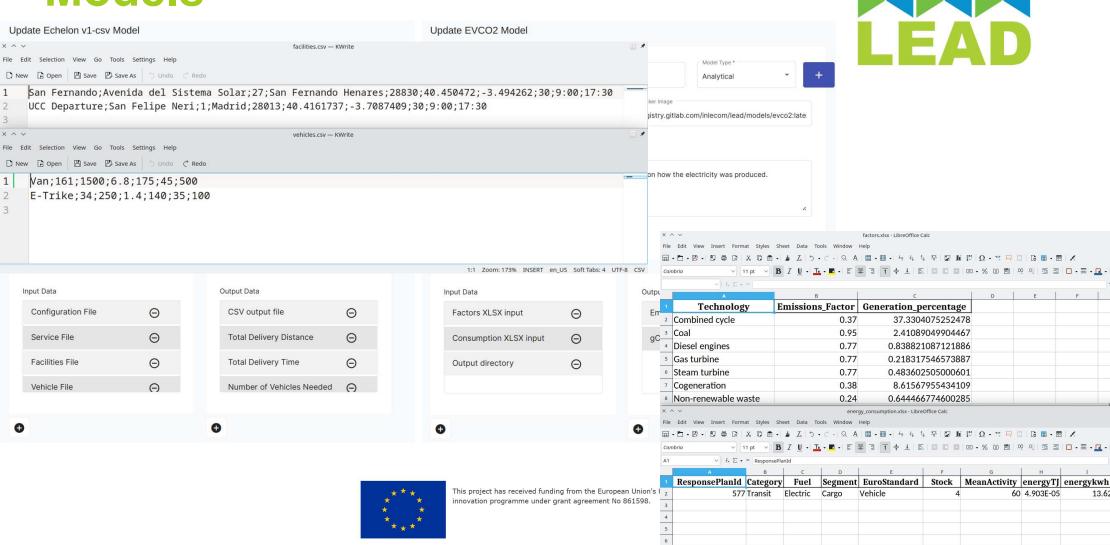
Model Definition



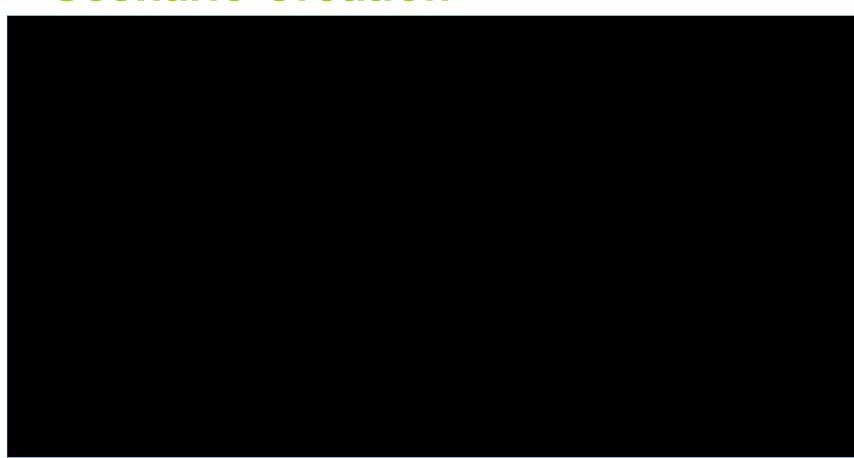




Models



Scenario Creation







Data Assets







Simulation Configuration







Simulation Results







Simulation Results





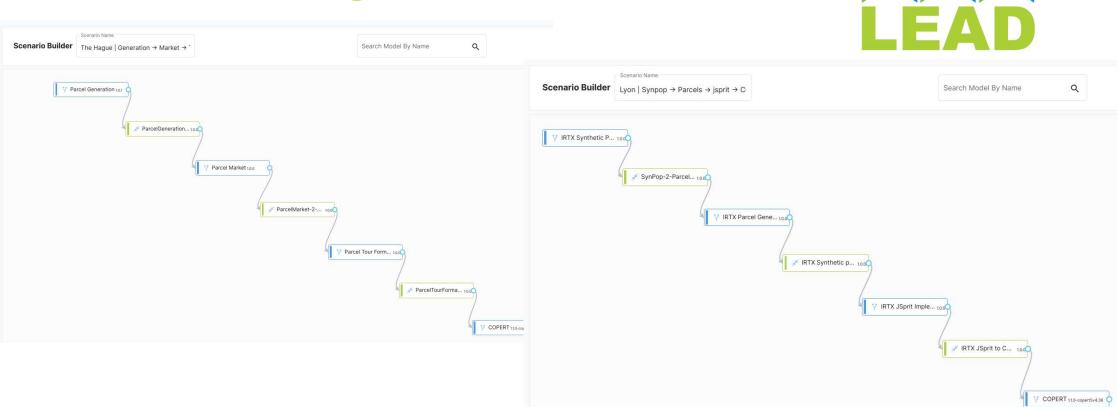




Overview



A Scalable Digital Twin







Thank you! Questions?

