

URBANE



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URBANE is co-funded by the European Union under grant number 101069782. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.

Reduction in CO2 emissions

20%

The project vision is the introduction of the Physical Internet evidence in urban deliveries for the first time, as well as the creation of a Replication and Scale up Model for the LL' exemplars, which will ensure a wide and fast introduction of successful smart green last mile delivery solutions in the EU cities, aiming to demonstrate a 20% reduction in CO2 emissions.



www.urbane-horizoneurope.eu



4 Lighthouse Living Labs

Helsinki (FI), Bologna (IT), Valladolid (ES) and Thessaloniki (GR)



2 Twinning Labs

Barcelona (ES) and Karlsruhe (DE)



6 Followers Cities

Aarhus (DK), Antwerp (BE), La Rochelle (FR), Mechelen (BE), Prague (CZ) and Ravenna (IT)



39 partners

Objectives

- 01. Analyse the Physical, Digital, Social and Business dimensions** of complex last mile logistics delivery systems to define strategic innovations of significant potential impact and develop a new framework to facilitate the co-creation of innovative last mile delivery solutions, accounting for environmental and energy efficiency.
- 02. To setup, prototype, test and demonstrate** last mile innovative solutions in four Lighthouse LLs [Wave 1].
- 03. Provide the infrastructural Enablers for Innovation Transferability including consensus protocols to support collaborative services in local logistics networks** governed by smart contracts, Digital Twinning capabilities and data driven decision making tools.
- 04. Model, deploy and demonstrate** smart solutions in two Twinning Living Labs (Wave 2).
- 05. Develop Business Plans and design a Commercialisation Path** for key project outcomes.
- 06. Disseminate, promote scale-up,** enable effective policymaking, and support relevant LL initiatives at EU level.



www.etp-logistics.eu/urbane/

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