



Urban logistics
Zero-emission last-mile delivery

Zero-Emission Food Delivery

Vienna Living Lab



Funded by the
European Union

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Developed by :

LogPOINT



Project by :

Green Turn

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Green
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WHAT IS THE INNOVATION?

Under the baseline model, organic-food parcels are transferred to Austrian Post for conventional distribution. The Green Turn pilot separates parcels destined for Vienna at the fulfilment hub and assigns them to an electric cargo-scooter service for local delivery.

The solution integrates zero-emission micro-distribution into an existing regional fulfilment operation. Parcel information is digitally transferred to the delivery operator, routes are planned and the parcels are delivered within Vienna using electric cargo scooters.

The pilot examines whether this approach can reduce direct transport emissions while maintaining reliable service and a competitive delivery cost.



The solution introduces electric cargo scooters into an established food e-commerce fulfilment chain.

Its innovative elements include:

- Integration of urban micro-distribution with a regional fulfilment hub
- Digital exchange of parcel and delivery information
- Use of compact electric vehicles for urban last-mile delivery
- Measurement of environmental, operational and economic performance
- A scalable model that could serve other customers within the same delivery area

Main Beneficiaries:

Food producers and retailers, fulfilment operators, last-mile carriers, e-commerce customers, public authorities and residents of Vienna.



Technology readiness level : 8
Implementation stage :
Pilot

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THE PILOT IN VIENNA, AUSTRIA

Pilot period: February 2026 – January 2027

The Vienna pilot tests the delivery of selected organic-food parcels using electric cargo scooters.

Parcels destined for Vienna are identified and separated at the fulfilment hub. Parcel data and shipments are transferred to the local delivery operator, which plans the routes and completes the urban delivery using electric cargo scooters.

The pilot assess whether the service can operate reliably at scale while reducing direct emissions and maintaining an economically viable cost per parcel.

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Delivery in Vienna**

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Marianne Ramser
Managing Director



LogPOINT Logistics Services GmbH
Industriestraße 1 | Halle A.02
2100 Korneuburg



marianne.ramser@logpoint.at



+43 1 310 22 12

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