

Greening Regional Freight Transport in FUAs

Poznań

Challenges of last-mile logistics



Deliveries as a
Factor in Urban
Traffic Congestion



Limited data on the
use and condition
of logistics
infrastructure



Lack of regulations
and guidelines for
consolidation
centre solutions



Pollution of
the urban
environment



Pilot MICRO-HUB

as a Response to the Challenges



Implementation of
a Micro
Consolidation
Centre - Micro-hub



Deliveries using
electric cargo
bikes

29%

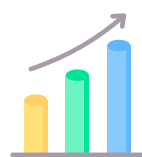
REDUCTION OF
EMISSIONS*

31%

DELIVERY DISTANCE
COVERED BY CARGO
BIKES

31%

DELIVERIES CARRIED
OUT BY CARGO
BIKES*



BASIS FOR FUTURE
LARGE-SCALE
PROJECT

* The data refers to the area of one of the logistics operators served by cargo bikes

In response to the challenges of last-mile logistics, in 2025 the City of Poznań and the Poznań Institute of Technology, within the framework of the GRETA project, launched an innovative pilot - a transshipment micro-hub in the city centre of Poznań, with deliveries carried out by three electric cargo bikes. The project clearly demonstrated that a consolidation centre significantly contributes to the reduction of harmful emissions. The distribution model tested in Poznań can be replicated and successfully implemented in other cities striving to improve freight transport.



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GRETA-urban-logistics

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