EIT Urban Mobility

Liikuvuse ja transpordi innovatsiooni kogukond

Piret Liv Stern Dahl,
Projektijuht

eit Urban Mobility

Co-funded by the European Union

EIT Urban Mobility is accelerating the urban mobility transition



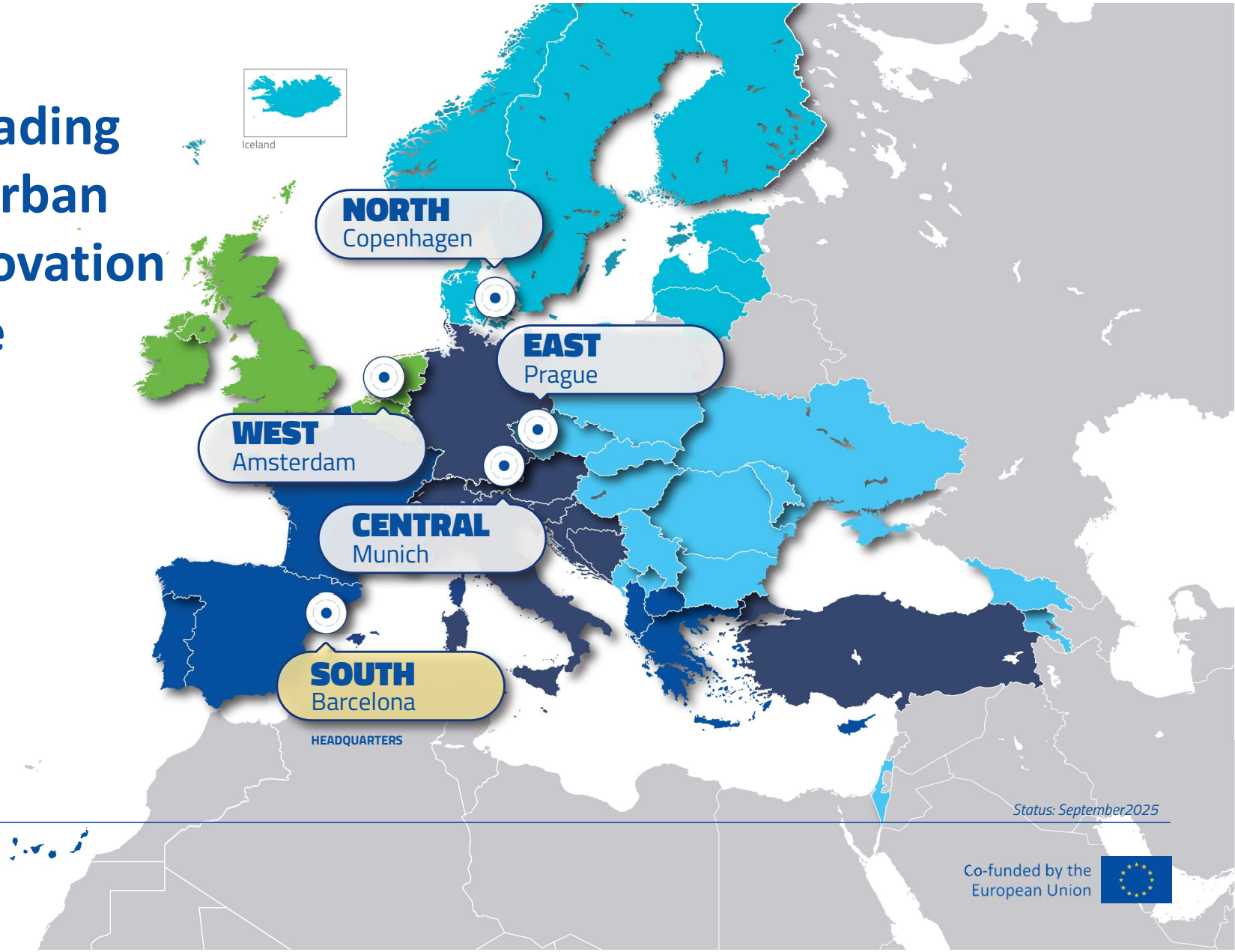
eit Urban Mobility

Co-funded by the European Union

eit Urban Mobility

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We are the leading network for urban transport innovation across Europe



Status: September2025

eit Urban Mobility

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We are the largest European innovation community for urban mobility



Status: September2025

eit Urban Mobility

Co-funded by the European Union

We focus on innovations that most efficiently support cities on their way to net zero



PUBLIC TRANSPORT



HEALTH AND MOBILITY



ELECTRIFICATION OF TRANSPORT AND ALTERNATIVE FUELS



URBAN LOGISTICS



MOBILITY DATA MANAGEMENT

EIT URBAN MOBILITY

NORTH SUMMIT 2026

9-10 SEPTEMBER | OSLO

The future of public transport and shared mobility



eit Urban Mobility

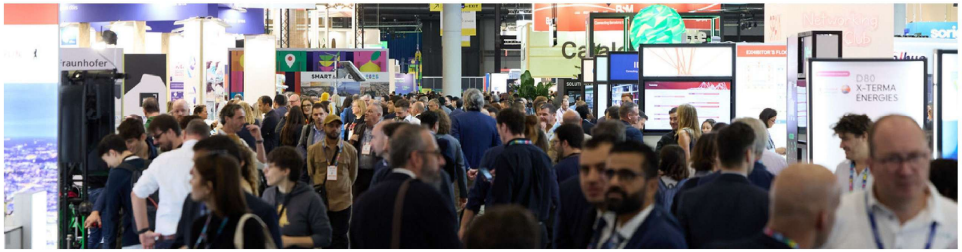
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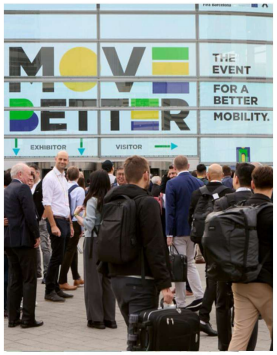
Oslo

Ruter#

TOMORROW. MOBILITY
WORLD CONGRESS

4-6 NOVEMBER 2025
BARCELONA















CO-LOCATED WITH:
SMARTCITY EXPO WORLD CONGRESS
TOMORROW. BUILDING WORLD CONGRESS
TOMORROW. BLUE ECONOMY WORLD CONGRESS
BARCELONA DEEPTECH SUMMIT

CO-ORGANISED BY:
eit Urban Mobility
Co-funded by the European Union
Fira Barcelona

1,190 EXHIBITORS
20% SPAIN
80% INTERNATIONAL
200+ TMWC EXHIBITORS

27,104 ATTENDEES
44% SPAIN
56% INTERNATIONAL
5,000+ TMWC VISITORS

240+
TMWC SPEAKERS

90+
TMWC SESSIONS

997
CITIES

138
COUNTRIES

TOP VISITING COUNTRIES IN 2025

- Spain
- Italy
- Germany
- France
- Netherlands
- Brazil
- United Kingdom
- Belgium
- USA
- Saudi Arabia
- South Korea
- Portugal

INSPIRATION & DISCOVERY

UMX on YouTube and the Blog



Urban Mobility Explained

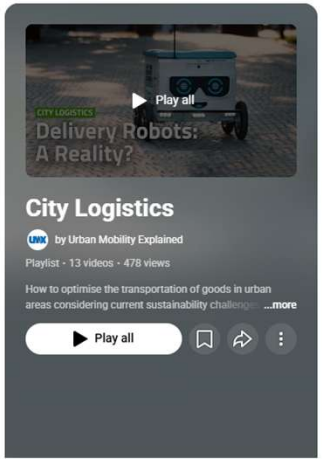
@urbanmobilityexplained · 24,9 K suscriptores · 147 vídeos

Urban Mobility Explained (UMX) is a channel powered by EIT Urban Mobility, an initiative ...más

urbanmobilitycourses.eu y 1 enlace más

Suscrito

Inicio Vídeos Shorts Pódcasts Listas Comunidad



All Videos Shorts

1 What is the future of food delivery robots in Poland?
Urban Mobility Explained • 42k views • 1 year ago

2 Can you really run a business with a cargo bike?
Urban Mobility Explained • 4.6k views • 2 years ago

3 Is cycling logistics feasible in a non-bike-friendly urban landscape? #shorts #cyclinglogistics
Urban Mobility Explained • 1.2k views • 2 years ago

4 What is last mile logistics? | URBAN MOBILITY SIMPLY EXPLAINED
Urban Mobility Explained • 11k views • 2 years ago



Cargo bikes don't stick to one lane – and that's why they're essential.

November 20, 2025 10:10 am



Despite cruising through cities at up to 25-45 km/h, cargo bikes are taking a while to catch on. **According to Germany's 2023 Bicycle Monitor, 75% of people had heard of cargo bikes, but only 3% of people had used them.** Perhaps it's because people aren't sure where or how to use them. Even as cities add cycling paths, some cargo bikes are too large for recreational bike lanes, and other cargo bikes are too small to keep up with road vehicles. In other words, they operate in an infrastructure limbo.

Yet the more important question is *why* would you use cargo bikes in the first place? And the answer isn't just in their environmental and congestion benefits. It's their unique ability to meet various personal and commercial urban needs that sets them apart. Few other transport modes offer such versatility.

"They are a real alternative to a private car or van," said Eileen Niehaus, Managing Director of cargobike.jetzt, a Berlin-based cargo bike agency that created UMX's free online course: Cargo Bikes: Revolutionising Urban Delivery. UMX spoke with Eileen to learn more about cargo

INTRODUCTION & UNDERSTANDING NEW TRENDS

Online Courses and Webinars to Go Deeper!



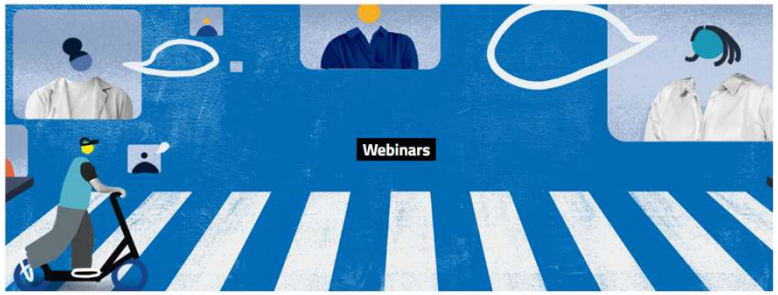


City Logistics

Transportation of goods in urban areas considering the current sustainability challenges and innovative logistics solutions.

VIEW COURSES

- Cargo bikes…
- Last Mile logistics..
- Urban Air Mobility
- Sustainable Urban Logistics



8 AM PDT / 11 AM EDT / 5 PM CEST
Tuesday, 20 May 2025

FREE WEBINAR

PEDAL-POWERED LOGISTICS

Planning for the Cargo Bike Revolution

All Things Urban

UMX

eit Urban Mobility



Innovations to markets

Our purpose is to deliver impact:

- ✓ Improve quality of life in cities
- ✓ Mitigate climate change
- ✓ Support economic growth and employment through the development of new mobility products/services/solutions

We do this by supporting the deployment and piloting of market-ready solutions across Europe.



Funding mechanisms and strategic actions

Main funding mechanisms and strategic actions to enable innovation via the EIT Urban Mobility community:

- Pan-European projects to pilot solutions over a period up to 24 months
  [Strategic Innovation Call]
- Mono-beneficiary startup/SME projects to demonstrate fast innovation with an end-client
  [SME Market Expansion Call + RAPTOR Call]
- Support to identify, apply for and secure alternative European funding for urban mobility projects
  [Horizon Lab]



Programme of calls 2026*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
STRATEGIC INNOVATION OPEN CALL		 2ND CUT-OFF: 12 FEBRUARY 2026				 3RD CUT-OFF: 18 JUNE 2026								 4TH CUT-OFF: FEBRUARY 2027
SME MARKET EXPANSION OPEN CALL										 LAUNCH: OCTOBER 2026 (TBC) DEADLINE: DECEMBER 2026 (TBC)				
RAPTOR OPEN CALL		 LAUNCH: 16 JANUARY 2026 DEADLINE: 12 MARCH 2026												 LAUNCH: JANUARY 2027 DEADLINE: MARCH 2027

eit Urban Mobility

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Strategic Innovation Open Call

Seeking new **bold and transformative innovations** that tackle the most **pressing urban mobility challenges**. Solutions should demonstrate **strong potential for scalability and market uptake**. Projects should drive **systemic change** involving both public and private stakeholders, with a **clear pathway to market deployment** by the project's end.



Consortium
All proposals must be composed of at least two independent legal entities established in two different EU Member States and/or third countries associated with Horizon Europe.

Mandatory elements
KPIs EITHE2.4 (marketed innovation) or EITHE4.4 (startup created); minimum co-funding and contribution to EIT Urban Mobility financial sustainability mechanism (FSM).

Project duration
Up to 24 months

Budget
Up to 1m€ per year

SME Market Expansion Open Call

The call aims to support SMEs to either develop a new product/service or significantly improve an existing product/service for **expansion into a new industry sector or a new geographic area**. It provides SMEs with an opportunity to do **full usage testing with an end-client** within the project implementation.



Topics
TBC

Type of applicants
Mono-beneficiary call addressed to SMEs established in Member States of the European Union, and/or in third countries associated with Horizon Europe, with innovations for urban mobility challenges.

Each applicant must have a letter of support from an end-client who will do a full test of the product/service

Project duration
7 months

Budget
59.5k€

RAPTOR Open Call

Rapid Applications for Transport (RAPTOR) aims to support the development and piloting of cutting-edge solutions, developed by startups and SMEs, to **solve niche urban mobility challenges of cities**.



Topics
Niche urban mobility challenges defined by cities.

Type of applicants
Mono-beneficiary call addressed to startups and SMEs established in Member States of the European Union, and/or in third countries associated with Horizon Europe.

Participation of cities: Define niche urban mobility challenges; participate in the evaluation and selection of proposals; provide projects relevant access to software, data, hardware etc; facilitate in-situ demonstration of solution and access to infrastructure

Project duration
6 months

Budget
60k€

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

URBANITE: Urban big data analysis for network improvement and transport efficiency

Challenge

Inefficiencies in urban transport planning caused by reliance on slow and expensive data sources like surveys and interviews when gathering data on people's mobility habits.

Strategic goal

The project seeks to empower cities with intuitive, data-driven tools to replace guesswork, enabling precise and efficient public transport planning tailored to real commuter needs.

Output

Urbanite will combine AI and multimodal transport nig-data to deliver real-time, predictive insights for efficient public transport optimisation with unprecedented accuracy and affordability.

EIT Funding
€498k

Project Dates
1 Jan 2025– 31 Dec 2025

Countries

- Norway
- Sweden
- Hungary
- Estonia
- Spain

Project partners

Asistobe (lead partner), Universite Gustave Eiffel, TUVISA, Trivector Traffic, Sc Energy, Municipality of Ajka, Greenroads, Skyss, Tartu City Transport, Varbergs kommun, Bodø Municipality

Focus Topic

Public transport

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

U-SAVE: urban supply aerial vehicles for emergencies

Challenge

Urban road congestion delays emergency response, costing lives. Studies show traffic congestion costs Europe over €110 billion annually, impacting safety and efficiency.

Strategic goal

U-SAVE aims to use hybrid drones to bypass urban traffic, delivering emergency supplies faster, while reducing environmental impact through sustainable energy sources.

Output

A hybrid-powered drone system offering rapid, sustainable emergency transport, bypassing traffic through advanced urban air mobility and air traffic management technology.

EIT Funding
€499k

Project Dates
1 Jan 2025– 31 Dec 2025

Countries
- Spain
- Estonia

Project partners
Aragonian Aerospace Cluster, ALIA – Asociacion Logistica Innovadora de Aragon (lead partner), EHang Technologies, Estonian Aviation Academy, Anra Technologies, Skycorp

Focus Topic
Urban logistics

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

BICIFICATION: supporting modal shift and bicycle use through gamification and rewarding



Challenge

Low cycling uptake due to lack of proper bicycle infrastructure and perceived risks in many cities.



Strategic goal

Support of a modal shift towards green, active mobility through a gamification/reward scheme.



Output

A completely anti-fraud patented hardware and software solution for monitoring and rewarding bike trips.

EIT Funding
€449k

Project Dates
1 Jan – 31 Dec 2022

Countries
- Türkiye
- Sweden
- Greece
- Italy
- Estonia
- Portugal

Project partners
Braga Municipality, The Centre for Research & Technology Hellas (lead partner), City of Istanbul, KTH Royal Institute of Technology, Nextome, Pin Bike, Tallinn City

Focus Topic
Health and mobility

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

EUAEVC: urban automatic EV charging

Challenge

The adoption of Electric Vehicles has been plagued by concerns related to range limitation, recharge speed and more. New charging innovations are needed to overcome these challenges.

Strategic goal

Unlock large scale fleet charging in the EU and further increase demand for electric vehicles.

Output

A wireless, automatic charging solution for electric vehicles that is built into parking spaces.

EIT Funding
€ 400k

Project Dates
August 2023 – August 2024

Project partners
Elonroad
Elmo (demo partner)

Countries
- Sweden
- Estonia

Pilot Cities
- Tallinn

Focus Topic
Electrification of transport and alternative fuels

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

Liepāja: LEZ CO2 monitoring

Challenge

How can the CO2 levels of vehicles entering and leaving a specific urban area be monitored by using licence plates for identification and integrating them with a digital twin?

Solution

High-accuracy license plate recognition using video data upon entry and exit of designated zones. The solution can extract specific vehicle characteristics together with traffic density data to calculate precise CO2 emissions.

Expected Results

Transform the way the city monitors and manages vehicle emissions, offering immediate data to adjust traffic management and environmental policies.

EIT Funding
€40k

Project Dates
1 Aug - 31 Dec 2024

City
Liepāja, Latvia

Start-up
GaiaHub, Estonia

City Challenges
· Lack of accurate data on CO2 emissions linked to road traffic

Solution Impacts
· Reduce the carbon footprint of road traffic
· Provide accurate real-time data for dynamic policy making and publ engagement

Focus Topic
Urban vehicle access regulations

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

ZEUS: zero emission off-peak urban deliveries

Challenge

Keeping up with the growing supply needs of cities and management of deliveries

Strategic goal

Concept for silent and emission free city deliveries providing a more liveable, cleaner and safer urban environment.

Output

Scalable use cases for off-peak deliveries as well as a transferable impact estimation toolkit based on stakeholders' needs.

EIT Funding
€1.2m

Project Dates
1 Jan – 31 Dec 2020

Countries

- Spain
- Belgium
- Sweden
- Germany
- Estonia

Project partners

Barcelona Metropolitan Area, City of Barcelona, City of Munich, City of Stockholm, Colruyt Group (lead partner), Fraunhofer Society for the Advancement of Applied Research, KTH Royal Institute of Technology, MAN Truck & Bus, Mobility Logistics and Automotive Technology Research Centre, MOL Hungarian Oil and Gas, Scania, TRATON, University of Tartu

Focus Topic
Urban Logistics

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

Tallinn: micro-mobility 5+ conditions



Challenge

How can Tallinn promote use of micro-mobility during winter months?



Solution

R.O.A.D Winter System that collects and predicts real-time data on ice and snow to enable road maintenance optimisation and prioritisation.



Expected Results

Increased safety of infrastructure during winter months enabling use of micro-mobility

EIT Funding
€35.000

Project Dates
1 Aug - 31 Dec 2022

City
Tallinn - Estonia

Start-up
Social Tech Projects - Denmark

City Challenges
· Snow and icy weather conditions affecting usage of micro-mobility
· Infrastructure not prepared for these weather conditions

Solution Impacts
· Improved safety of infrastructure to allow use of micro-mobility solutions all year round

Focus Topic
Cooperative, connected and automated mobility

INNOVATIONS TO MARKET
New solutions to transform mobility in cities

GroceryGo!: Delivering Innovation in Retail Logistics

Challenge

GroceryGo! tackles urban delivery inefficiencies- last-mile vans cause 30% of the logistics sector yet remain the default choice despite its inefficiencies in dense urban areas.

Strategic goal

Reduced emissions, 30% quicker grocery deliveries, and a ready-to-scale model for eco-friendly last-mile logistics.

Output

A new Bruntor e-cargo vehicle model featuring an insulated, temperature-controlled cargo compartment- ensuring groceries remain fresh throughout last-mile urban deliveries.

EIT Funding
€59.5k

Project Dates
1 April – 31 Oct 2025

Countries
Latvia and Estonia

Project Partner
Bruntor (Rhino R SIA)

Demo entity
Rimi Eestei Food AS

Focus Topic
Urban Logistics

JOIN US



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2. Check out our **Get Started** page

3. Fill out your **profile** and start exploring!

Need help? Email us at innovators@eiturbanmobility.eu

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Join
Europe's largest community for urban mobility innovation!



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Connect with us

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