

# NEXT E-TRUCK

Efficient and affordable Zero Emission  
logistics through the NEXTgeneration of  
Electric TRUCKs



Greening  
Urban  
Logistics



Co-funded by  
the European Union

NextETRUCK (Efficient and affordable Zero Emission logistics through the Next generation of Electric TRUCKs) is an EU-co-funded project. During 42 months, NextETRUCK will contribute to decarbonising the logistics sector by deploying zero-emission electric medium freight haulage. This flagship project enables and accelerates sustainable fleet replenishment.



42  
months



19  
partners



8  
participating  
countries



3  
use cases

## NEXTETRUCK INNOVATIONS

Electric powertrain innovations for medium duty freight transport

Tools for optimized design and Total Cost of Ownership (TCO) reduction

New business models for end-user increased acceptance and increased market uptake

Digital twin design, fleet management tools and virtual integration of Zero-Emission Vehicle (ZEV)

Flexible ultra-fast charging concepts

For more information,  
visit the project website:

[www.nextetruck.eu](http://www.nextetruck.eu)

 @nextetruck

 NextETRUCK

## OUR USE CASES

### Istanbul (Turkey) - Distribution Logistics

**Leading partner:** Ford Otosan

**Goal:** Upgrading the truck fleet from a diesel-based powertrain to an electric powertrain for zero emissions in the urban and intercity areas. The trucks include intelligent thermal management and DC charging.

### Barcelona (Spain) - Refuse Truck with modular vehicle architecture

**Leading partner:** Irizar

**Goal:** Electric-powered truck deployment to reduce pollutant and noise levels in the city centre. The use will demonstrate the integration of vehicles into a fleet of waste collection vehicles/ vehicle parks with the fast charging system, IoT system, connectivity, and connected fleet management.

### Utrecht (Netherlands) - Distribution Logistics

**Leading partner:** TEVVA

**Goal:** 'Back to base' logistics vehicle, operating on a single 8-hour shift daily, with the vehicle returning to the depot each night. Especially for express transport, customers can benefit from the flexibility that vehicle operators can offer. The use case aligns with the Low Emission Zone objective, which stipulates that by 2025 only ZEV will be allowed to enter the city for delivery purposes.