

**DREAM**  
E-KICKSCOOTERS



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



**DESIGNING USER CENTRIC  
E-KICKSCOOTERS & BUSINESS  
MODELS FOR ENHANCING  
INTERMODALITY**



DREEM is a Horizon 2020 project that aims at finalising and testing a safer and modular e-kickscooter for personal urban and suburban mobility in three different pilot cases: City of Torino, University of Gothenburg, and Tractebel, while exploring the feasibility of innovative business models and circular economy.

**The project presents two main innovation levels:**

- // **on the vehicle side** with the development of new features in terms of modularity, foldability and improved safety.
- // **on the systemic side**, the consortium will study and present new business models for a win-win situation for all stakeholders.

**DREEM objectives are:**

- // Improve safety compared to existing micromobility vehicles
- // Offer a light and easy to fold e-kickscooter
- // Offer a flexible range adapted to user needs
- // A mobility solution integrated with existing networks
- // An innovative business model to offer a mobility solution adapted to different types of users
- // Develop a whole user experience around the DREEM service
- // Increase the sustainability of the vehicle and the business model

# THE PILOTS

## City of Torino

The pilot targets 20-30 workers/commuters during 2-4 months in two separate periods. It targets the personal usage and a closed-community fleet within public workers (5T, Punch, City of Turin or Metropolitan area staff) and it is in line with the Sustainable Urban Mobility Plan of the city.

## University of Gothenburg

The pilot targets 60 workers/students of the University of Gothenburg (with at least 10 staff) during 2-4 months in two separate periods. It targets personal usage and a closed-community fleet within students, researchers and faculty staff coming from different countries (Erasmus).

## Tractebel

Tractebel is an engineering company, part of ENGIE Group with 5000 employees all over the world. During 2 months, this pilot will target up to 50 employees commuting to the company's headquarters, and going on site visits and to meetings with clients in the city of Brussels, Belgium.



# DREEM E-KICKSCOOTER

DREEM electric kick scooter is a **new generation micromobility** vehicle with many **innovative features** focused on safety and comfort.

An increased level of **safety** has been reached thanks to specific design choices and innovative technologies equipping the kick scooter. The **collision alert system**, thanks to a camera/sensor at the rear side of the scooter, ensures the possibility to see what happens behind and informs the driver about possible risky situations.

The **large deck**, the **rear turn indicators**, the **three large tires** (10" front and 8" rear) and the availability of an **on-demand inflatable helmet** are also intended to improve safety.

For comfort and practicability, the DREEM kick scooter can be folded and brought as a suitcase thanks to **the front handle**. This element, together with the **reduced weight** and the **vertical standstill position** will especially help users that need to bring the scooter with them in closed environments or public transportation.



## PARTNERS



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DREEM Project



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