

PROJECT MEDIA RELEASE

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FlexCURB Project Kick-off – Working Towards Better Last Mile Delivery Operations

The project FlexCURB – Implementation of Dynamic Curbside Management Solutions to Improve Sustainable City Logistics Operations- coordinated by CTAG - Automotive Technology Centre of Galicia and co-funded by the EIT Urban Mobility, has just started with a kick-off meeting taking place on 11 January 2022.

The kick-off meeting of FlexCURB was held virtually on Tuesday 11 January. This was an opportunity to understand the needs of all the stakeholders involved in the project, as well as their expectations, and officially launch the activities that will follow. With the help of very diverse living lab cities from all around Europe and logistics experts, the FlexCURB project will focus on improving urban last-mile operations by enabling sectoral collaborations and tailoring tools to improve the way city logistics are currently understood, coordinated, and regulated.

Freight transport is responsible for 15% of traffic, 25% of urban transport CO2 and 40% of NOx emissions in main European urban areas. The World Economic Forum predicts that, without any intervention, the number of delivery vehicles will increase by 36% until 2030, adding to greenhouse gas emissions and traffic congestion, mostly induced by second-lane parking.

The collaboration with the 4 pilot cities will deliver innovations, in the form of 2 marketable products:

- 1) The FlexCURB Planning platform
- 2) The FlexCURB Driver App

With the **FlexCURB Planning Platform** as the interface, the public sector partners will be able to:

- Pilot dynamic traffic regulations to meet the demands of an ever changing network. Underutilized spaces could be freed up for freight to mitigate congestion.
- Analyse and monitor the live and historical usage of parking assets.
- Connect logistics APIs, sharing curb side and traffic restrictions, reducing network disruption, and solving conflicts with vulnerable road users.

The **FlexCURB Driver App** will provide logistics service providers with:

- Route planning based on active traffic regulations. Operators will be able to use open traffic regulation data to plan their routes based on existing restrictions.
- Delivery locations to plan freight movements based on the location of loading / unloading areas.
- Curb reporting: feedback of network disruption, blocked assets, and issue management driving faster resolution.

For more information, please contact:

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About EIT Urban Mobility



FlexCURB is a project with the support of EIT Urban Mobility.

EIT Urban Mobility, an initiative of the *European Institute of Innovation and Technology (EIT)*, aims to accelerate solutions and the transition towards a user-centric, integrated and truly multimodal transport system. As the leading European innovation community for urban mobility, EIT Urban Mobility works to avoid fragmentation by facilitating collaboration between cities, industry, academia, research, and innovation to solve the most pressing mobility challenges of cities. Using cities as living labs, its industry, research, and university partners will demonstrate how new technologies can work to solve real problems in real cities by transporting people, goods and waste in smarter ways.

About partners

The partners involved in the project are CTAG – Automotive Technology centre of Galicia, Urban Radar, CARNET, University of Ghent, city of Funchal, Toulouse Métropole, Strasbourg Eurométropole, city of Leuven, POLIS, and FIT Consulting.