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Citylogistic: Clean parcel delivery for the city of tomorrow

Schüttorf (DE) / Enschede (NL) (ots)-

Supported by the EU's Interreg programme, the "Citylogistic 2.0" project is developing sustainable parcel delivery through cross-border collaboration.

How can cities become more efficient, cleaner, and more liveable in the future? One answer is provided by the "Citylogistic 2.0" project – a cooperative initiative between German and Dutch partners, funded by the European Union. Ten institutions and companies are working together on innovative solutions for emission-free urban parcel delivery.

At the heart of the concept is the combination of modular mini-hubs and electric cargo bikes. In these mini-hubs – energy-supplied, flexibly placeable structures – parcels are temporarily stored and prepared for the final delivery. From the mini-hubs, parcels are distributed quietly, climate-friendly, and efficiently by e-cargobike.

"An increasing number of diesel vehicles are burdening our cities. With 'Citylogistic', we aim to reduce energy consumption, optimise traffic flow, and improve air quality," says project manager Ingrid Klinge. Beyond the ecological benefits, the system also opens up new possibilities for flexible urban planning: The modular hubs can be built in various sizes and relocated depending on the needs of a given neighbourhood.

Another innovative element is the project's technical integration. An intelligent energy management system controls the power supply to the hubs and enables the e-cargobikes to be charged directly on site. The entire concept was pre-visualised in a virtual environment (VR) by Dutch company DYNTEQ, giving all project partners a shared understanding of the processes.

"What makes this project special is the close cooperation across borders," says Christian Oppel from the construction company Busmann. "We're learning from each other's approaches and techniques."

"Citylogistic 2.0" shows how European funding and regional innovation can go hand in hand – for a sustainable, liveable, and future-ready city.

Description of the project:

Cohesion policy has defined clear objectives for the 2021-2027 funding period: A smart Europe through innovation, a greener, low-carbon Europe, a more connected Europe, a more social Europe and a Europe that is closer to its citizens. Sustainable challenges are becoming the focus of society, particularly in Germany and its

neighbouring countries. The "EU4Regions" project will produce high-quality multimedia and journalistic information on cohesion policy and then disseminate it widely. Within 12 months, Interreg projects from western and eastern Germany and neighbouring countries/regions will be presented to highlight local challenges. The countries concerned are Poland, the Czech Republic, Austria, Switzerland, France, the Netherlands and Denmark. Our thematic focus is on sustainability, whereby we understand sustainability as a whole. Although climate issues are at the centre of attention, they are complemented by economic and social aspects. The aim is to show how EU cohesion policy affects regions and people.

EU4Regions receives funding from the EU Commission.

Contact:

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Medieninhalte

The project team with an e-cargo bike for environmentally friendly parcel delivery. Photo: Christophe Gateau / More information via ots and www.presseportal.de/en/nr/177283 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.

The building for the mini-hub is taking shape in the production hall. Photo: Christophe Gateau / More information via ots and www.presseportal.de/en/nr/177283 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.

Christian Oppel, CEO of Busmann Holzbau. Photo: Christophe Gateau / More information via ots and www.presseportal.de/en/nr/177283 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.

Dr. Amar Bennadji and Alex van Spijk from Hanze University of Applied Sciences Groningen. Photo: Christophe Gateau / More information via ots and www.presseportal.de/en/nr/177283 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.

The project team with a model of the mini-hub. Photo: Christophe Gateau / More information via ots and www.presseportal.de/en/nr/177283 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.