

ECCENTRIC

Innovative solutions for suburban mobility
and emission-free freight in urban centres

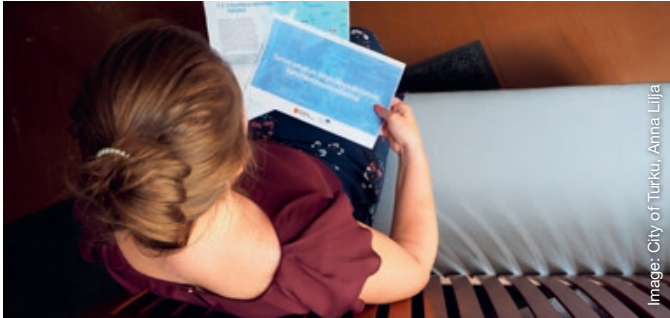


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Examples of measures

Inclusive urban planning, new parking policies and mobility management



TURKU – Citizen and stakeholder involvement in mobility planning and new mobility services

For this measure, the Regional Council of Southwest Finland will make a district-specific park and ride report, travel barometer, and report on inclusive methods of strategic transportation planning. The measures and reports will be local and district-specific to an extent, but adaptable for future planning on a regional level.



RUSE – Information, training, and awareness raising

The objective of this measure is to create awareness of the benefits of sustainable mobility. Trainings are organised for transport personnel, citizens, NGOs, academia and youth. The measure introduces the MaaS (Mobility as a Service) concept as a strategic vision aiming at defining an inclusive mobility where all citizens are taken into consideration.

Mobility as a service for and by all



MADRID – Open platform for multimodal mobility information and services

The multimodal open data platform and the mobility open data portal provide real-time information on public transport and on-demand services in Madrid and the surrounding region. The information comes from a variety of sources, with public transport, traffic, public bicycles, and air quality levels being monitored to gather the data. This offers an excellent basis for the development of new mobility information services and products.



STOCKHOLM – Develop smart choice of mobility services

In Stockholm, three ECCENTRIC partners are developing mobility services. UbiGo plans to launch Mobility as a Service (MaaS) offer to residents. Using a flexible subscription model, it will cover access to various modes, thereby catering to the everyday travel needs of the broadest possible range of users. Public transport, car sharing, rental cars, taxis, and city bike rentals will be included. GoMore and Snappcar are car sharing platforms that enable individuals to share their own car with other users of the platform.

Enabling safe walking and cycling



TURKU – Easy, safe and comfortable cycling and walking

This measure aims to increase the year-round traffic flows of cycling and walking in Turku by making the current infrastructure easier, safer and more comfortable to use. The winter maintenance methods that have shown the greatest potential based on a thorough study will be piloted. Also, a study of the condition of the main cycle network will be performed leading to a renewal plan and infrastructure improvements.



MADRID – Pedestrian-friendly public space outside the city centre

This action focuses on improving the quality of public space and walking conditions in areas of the Vallecas district in Madrid. It includes a high-quality pedestrian route – Paseo de Miradores (Watching Points Promenade). This will connect various parks in Vallecas, and increase pedestrian access to Vallecá's main multimodal hub, Sierra de Guadalupe. This will enhance the liveability of the area around this key node.

Efficient and clean public transport solutions



MADRID – Electric and hybrid buses for public transport

Clean hybrid buses have been selected to raise the quality of public transport services in the periphery of Madrid. The buses were tested in different scenarios before being assigned to their current demonstration site in one of the city's high-density peripheral districts. The results of this trial will inform decisions on the future of the city's bus fleet.



MUNICH – Intermodal (e-) mobility stations

Mobility stations offer diverse mobility services, including various shared electric vehicles, that complement public transport. This means everyone can choose the most appropriate means of transport for meeting the different mobility needs associated with family, work, everyday life, and leisure. The goal is to ensure better quality of life and maximum mobility without the need for owning a car.

Promoting the uptake of clean vehicles



MUNICH – E-light vehicles – one for all

Munich's Adaptive City Mobility concept's aim is to create a cost-effective, emission-free e-mobility system for cities. The unique 550 kg electric vehicle, which has manually swappable batteries combined with an innovative “multi-mode” sharing system, ensures maximum utilisation of the vehicles, thus reducing car density whilst increasing fleet efficiency.



STOCKHOLM – Master plan for developing EV-charging in Stockholm

Stockholms EV charging strategy focuses on:

- Offering charging facilities in city-owned parking areas.
- Giving advice and support on EV charging to private parking companies, shopping mall owners, private companies, housing companies, and house owners.
- Providing spots for clusters of four to ten chargers on strategically chosen streets to private partners willing to finance and operate street chargers.

Towards better and cleaner urban freight logistics



STOCKHOLM – Night delivery with clean and silent vehicles

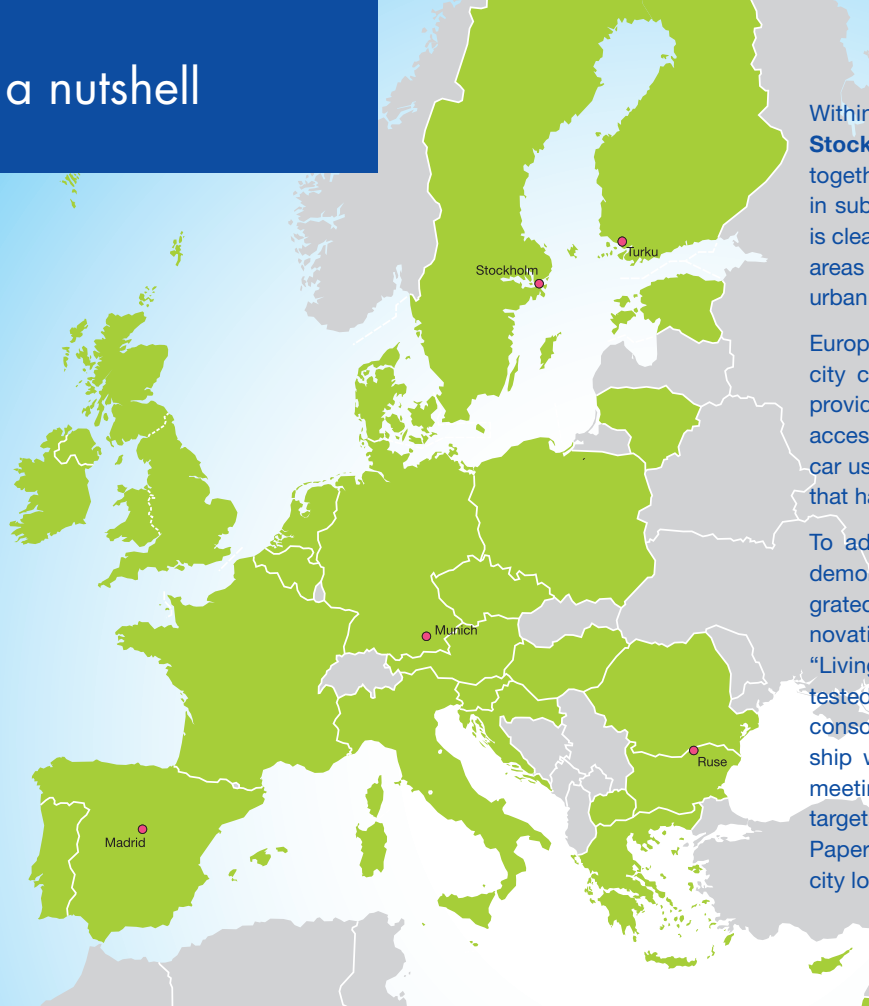
Stockholm tests night-time deliveries: A silent Scania electric plug-in hybrid will be used to test night-time deliveries to McDonalds restaurants in central Stockholm. A previous pilot involving similar off-peak deliveries showed that, in addition to silent vehicles, it is necessary to minimise noise while unloading goods. Furthermore, measures like silent wheels should be implemented.



TURKU – Introduce biogas for heavy-duty freight vehicles

The City of Turku is cooperating with Gasum Biovacka Oy to test biogas vehicles and increase the use of biogas in logistics. Turku's first gas filling station for both passenger cars and Heavy Duty Vehicles was opened in the fall of 2016. Additional filling stations will be opened in 2019. Biogas trucks are used in Gasum's own waste and organic fertiliser logistics and the City of Turku promotes the biogas use by delivery vans that operate in the city area.

In a nutshell



Within CIVITAS ECCENTRIC, the cities of **Madrid, Stockholm, Munich, Turku** and **Ruse** are working together to overcome challenges related to mobility in suburban districts and achieving city logistics that is clean, silent, and CO² emission-free - two important areas that have historically received less attention in urban mobility policies.

European cities have created liveable and attractive city centres, but there remains a conflict between providing high-quality public space and meeting the accessibility requirements of freight deliveries. Higher car usage in suburban areas also represents an issue that has gone largely unsolved.

To address this situation, CIVITAS ECCENTRIC is demonstrating the potential and replicability of integrated and inclusive urban planning approaches, innovative policies, and emerging technologies in five “Living Lab” areas. Clean vehicles and fuels will be tested, new regulations and services formulated, and consolidation solutions developed in close partnership with the private sector. This will contribute to meeting air quality, energy use, and road casualty targets set out in the European Commission’s White Paper on Transport (2011) – and achieving CO²-free city logistics by 2030.

CIVITAS ECCENTRIC Observer Cities Group

During the project, a number of cities have been recruited to follow and replicate the actions of the CIVITAS ECCENTRIC cities. Together they form the Observer Cities Group. Through close engagement with the five CIVITAS ECCENTRIC cities, they will be in the position to replicate some of the measures implemented in CIVITAS ECCENTRIC in their own cities. The Observer Cities have the opportunity to gain privileged access to the partner cities’ project teams by taking part in CIVITAS ECCENTRIC workshops, webinars and site visits to also experience first-hand implementation of measures in the five living labs.

For more information or join the CIVITAS ECCENTRIC Observer Cities Group, contact Amalia Ochoa at ICLEI - Local Governments for Sustainability on eccentric.observers@iclei.org

Study visits
and
webinars

Access to
Partner
Cities

Replicating
ECCENTRIC
measures

Promotion
through
ELTIS

Networking
with SUMP
cities

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