

Offering electric vehicle business test fleets to selected target groups

Summer 2019



© Lennart Johansson, City of Stockholm

- Electric van test fleet
- Craftsmen and delivery business
- Silent and emission-free service delivery

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 690699.

Location: Stockholm Sweden

Organisations involved: [City of Stockholm](#)
[Mobility Motors](#)



THE CIVITAS INITIATIVE
IS CO-FINANCED BY THE
EUROPEAN UNION

What is the solution?

Studies have shown that craftsmen and delivery services are contributing substantially to inner city traffic since their work requires multiple van trips through the city during daytime. Therefore, this measure aims to promote electric vehicles (EVs) for this user group. The company Mobility Motors is offering electric vans at a reduced price to 15 craftsmen and delivery service companies. The selected companies in return are testing how electric vans meet their requirements for business use. The selected companies also agree to deliver evaluations and data on their actual use of the vans.

How does it work?

To increase the attractiveness of electric vehicles among craftsmen and delivery companies, the measure introduces a test fleet of electric vans to a selected group of 15 of these companies. Aside from promoting electric vans among the test group, the measure also allows the city of Stockholm to gather data to understand the barriers and opportunities for this group to drive on electricity and to create policies and incentives accordingly.

Participating companies were selected through a competition in 2017. The selected applicants are based in or drive through, the CIVITAS ECCENTRIC 'living lab' area Liljeholmen-Årsta-Hammarby Sjöstad to reach their customers. Companies with long driving distances were chosen so as to achieve higher CO₂ reduction during the test period. The competition also aimed at a wide coverage of different business types in order to evaluate for which of them an electric van is feasible and to understand what their charging patterns and needs are. The test companies are active in fields like building and real estate maintenance, such as painting, ventilation, cleaning, electricity installations, as well as construction, courier and delivery services, waste management and recycling, gardening services and wholesale.

Since autumn 2017, the companies have been testing electric vans in the city of Stockholm. A survey is continuously measuring the acceptance and user satisfaction of driving an EV in the five different business sectors that are part of the test group.

The test period is running between 2017-2019 and data collection is ongoing.

Expected results

The measure is expected to yield better knowledge about the pros and cons of using EVs, as well as raised interest from the side of these companies, and in the long term lead to increased use of electric vans among business fleets in Stockholm with related emission and noise reduction.

Business model

This measure receives €240,000 funding from CIVITAS ECCENTRIC.

Contact details

Marianne Kemnert
Mobility motors
Email: Marianne.Kemnert@mmgroup.se

Mariangelina Evliati
City of Stockholm
Email: maria-angeliki.evliati@stockholm.se
Living lab area in Stockholm: <https://civitas.eu/eccentric/stockholm>