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## Case Study: ELCIDIS-Electric vehicle city distribution system - Stockholm, Sweden

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### Synopsis

The city of Stockholm, with 750,000 inhabitants, is the economic heart of Sweden. The inner city covers an area of approximately 5x7 km, where 250,000 people live and 280,000 people work. The city has an extensive transport policy to improve the environmental and living quality of the city. The introduction of zero and low emission vehicles (electric, biogas and ethanol) is part of this policy.

In the city centre, goods distribution activities cause major problems with regard to noise and air pollution. In 1996, the city introduced access restrictions to the city centre for diesel driven trucks and buses over 3.5 tons. Only vehicles belonging to an environmental classification (like the EURO system) are exempted from these access restrictions. The results of this measure are positive; noise peaks have gone down and air pollution has decreased.

Based on the success of this policy, the municipality wants to introduce hybrid/electric vehicles for goods distribution. In Stockholm, the biggest environmental gain can be made by replacing heavy diesel trucks, causing most of the pollution, with hybrid electric trucks, driving emission-free in the city centre and using less energy. ELCIDIS in Stockholm focuses on the introduction of six hybrid electric trucks (weight 12 tons) and three electric vans for goods distribution in the city centre. The trucks are introduced at four companies: Danzas ASG Eurocargo AB, Green Cargo Road & Logistics AB, Grönsakshallen Sorunda AB and Transportfirma Trabé AB. Hybrid electric trucks are new vehicles in the Stockholm traffic.

**Target groups:** shopkeepers

**Fields:** responsible car use / mobility plans

*This case study is one of 175 projects from the [Smile Project Local Experiences Database](#) listed on this website.*

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