



Summary of the City of Stockholm's electric vehicle strategy

The City of Stockholm has the ambition and objective of becoming one of the world's leading clean vehicle cities by 2030. This will help transform Stockholm's inner city by reducing emissions and noise. Electric vehicles will play an important role in this transformation.

To achieve its aims, the City must use its role as urban planner to ensure that there are no structural barriers impeding the growth of the clean vehicle market. For this reason, the City needs a wide-ranging strategy to address the introduction of new electric vehicles onto the market in Stockholm. The strategy provides an assessment of relevant regulations and a comprehensive list of measures that need to be implemented so that essential infrastructure can be installed in an efficient and optimal way. Implementation of the strategy will be carried out by all City administrations and company boards. The Urban Environment Council will provide the forum for continual discussion of the strategy's development.

Provision of sufficient incentives to stimulate the market is just as important for the introduction of electric vehicles in Stockholm as the removal of structural barriers and development of essential infrastructure. Incentives are also important as they satisfy the needs of a future second hand market. Thus, the strategy proposes a number of different types of incentives, which vary according to the different phases of the market introduction.

The City should inform the Government about issues relating to future clean vehicle incentives and encourage technology-neutral support to ease development of new generations of clean vehicles. This could, for example, include the development of a new clean vehicle definition – including definition of super-clean vehicles - fringe benefits, taxes on fuel, congestion charging, etc.

It is important that the electricity used to power electric vehicles and plug-in hybrids is environmentally-friendly. To ensure this is the case, life-cycle analysis (LCA) of the electricity supplied at charging points should take place, to evaluate the total environmental impacts of electricity production, from extraction of raw materials to production processes and waste management, including all transportation and all energy losses during the process. The strategy also stresses that the electricity supplied at charging points shall be carbon dioxide-free.

It is important that the City's incentives for clean vehicles are technology-neutral, as the City's role should be limited to enabling market introduction and not determine which types of technologies are used.

The Strategy includes:

- **City of Stockholm (overall)**

The electric vehicle strategy gives the City the task of creating and implementing technology-neutral incentives for super-clean vehicles. The City shall also work to achieve changes to parking regulations, which today prevent the introduction of reduced or free parking in public places for clean vehicles.

- **Environment and Health Administration**

- initiate a national or international stakeholder group for procurement of electric cars and plug-in hybrids
- apply for national and/or EU projects for electric cars and plug-in hybrids
- actively participate in national work to develop regulations related to electric vehicles and plug-in hybrids

- **Traffic Committee**

- monitor to ensure that systems for charging and payment are as accessible and user-friendly as possible
- propose a limited number of places on streets in the inner city where charging points for electric vehicles can be located without major disruption to road-users, street cleaning and waste collection services, mm

- **Stockholm Parking AB**

- in cooperation with Fortum, conduct a limited expansion of charging points in Stockholm
- analyse how electric charging points are used
- provide for beneficial and in some cases free parking in the company's facilities for those cars eligible for the State's forthcoming "super-clean vehicle premium" during the period 2011-2013.
- Electricity supplied at charging points on municipal land or in municipal parking garages should be environmentally-certified

- **Property Management Committee**

- Install charging points for those administrations that purchase electric or plug-in hybrid vehicles.

- **Urban Planning Committee**

- Monitor the need to establish rapid-charging points operated by commercial entities.
- develop aesthetic guidelines for the design of charging points.