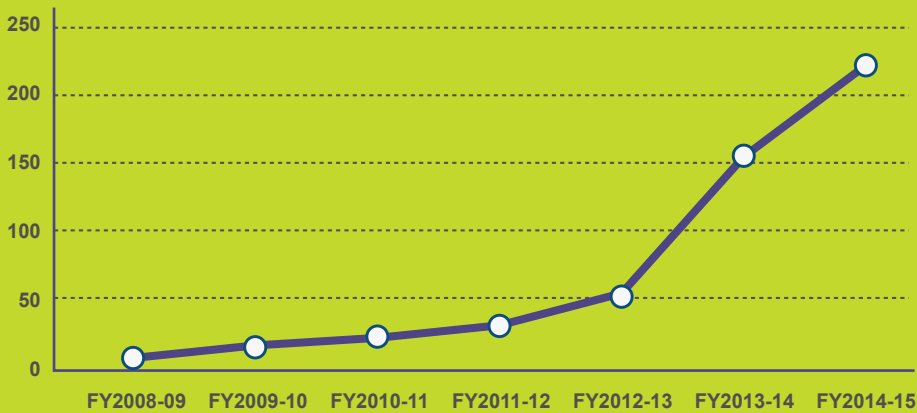


協助綠化政府車隊 Help Government Fleet Go Green

政府車隊的電動車數目(2008–2015)

Number of EVs in Government Vehicle Fleet (2008 – 2015)



機電工程署負責為政府採購及維修保養約5,800輛車的政府車隊，除各種轎車及貨車外，更包括各種特別車輛，例如救護車、流動圖書館、流動郵政局和垃圾車等。隨着科技進步，多種高性能的電動車相繼在市場推出，為此，我們全力推動政府車隊廣泛使用新一代的電動車，以支持政府節能和減碳的環保政策，並在多方面以先進科技作出配合，冀能起先導作用，帶領使用電動車潮流，尤其是多使用商用電動車，長遠以達至節省燃油、減少廢氣排放及降低操作成本的目的。

目前，政府車隊中約有200多部電動車。我們會繼續為客戶部門採購更多先進、配備更高功率車載充電器、同時符合IEC(即國際電工技術委員會)標準的電動車，例如最近採購的電動車便能使用32安培掛牆盒式充電裝置於四小時內完全充電，並且根據路面情況，可行走超過一百五十公里。

同時，我們會與電動車生產商保持聯絡，並緊貼科技發展，適時更新電動車標書的

要求，以便在世界各地採購適合客戶操作要求的車種。我們亦會加強電動車充電基礎設施，例如在政府部門和公眾停車場內增設充電站，以滿足未來電動車的增長需求。

電動車輛充電設施屬於固定電力裝置。為協助電動車使用者、註冊電業承辦商、以及註冊電業工程人員了解不同的充電設施，我們在2011年已公佈《電動車輛充電設施技術指引》，並在今年4月出版新的《技術指引》，詳細描述各種不同的充電模式以供業界參考。

EMSD is responsible for the procurement and maintenance of the Government's 5,800-plus-vehicle fleet, which includes saloon cars and goods vehicles, as well as some specialised vehicles like ambulances, mobile libraries, mobile post offices and refuse collection vehicles. With advancement of technology and launch of various types of high-performance electric vehicles (EVs) in the market, we actively promote wider use of new generation electric vehicles in the Government fleet to support the Government's

environmental policy of energy saving and carbon reduction. As such, we will implement various technologically advanced measures to achieve our goal. We hope we can lead the trend of using EVs in Hong Kong, especially commercial EVs, and in the long term, reduce fuel consumption and hence greenhouse gas emission, and save operational costs.

Now, there are more than 200 EVs in the Government fleet. We will continuously procure for our client departments new EV models equipped with more advanced and higher power on-board chargers that support the IEC standard. One of the examples is a new EV model that can be fully recharged by a 32A wall box within four hours and run more than 150 kilometres, based on the road conditions.

We liaise with manufacturers to identify suitable types and models of EVs in the global market that fits our client's operational needs. We also make regular revision of EV procurement contract to match the technology advancement. To meet the future needs of EVs, we will establish an extensive charging infrastructure, such as building more charging points in government premises and public car parks.

EV charging facilities are fixed electrical installations. To help EV users, registered electrical contractors and registered electrical workers understanding the setting up of different charging facilities, a set of Technical Guidelines on Charging Facilities for Electric Vehicles (the Technical Guidelines) was promulgated in 2011. The new edition of the Technical Guidelines was revised and launched in April 2015, detailing the different charging modes for the trade's reference.



我們將繼續採購電動車，滿足客戶的運作需要。
We keep procuring more EVs to meet client's operational needs.