



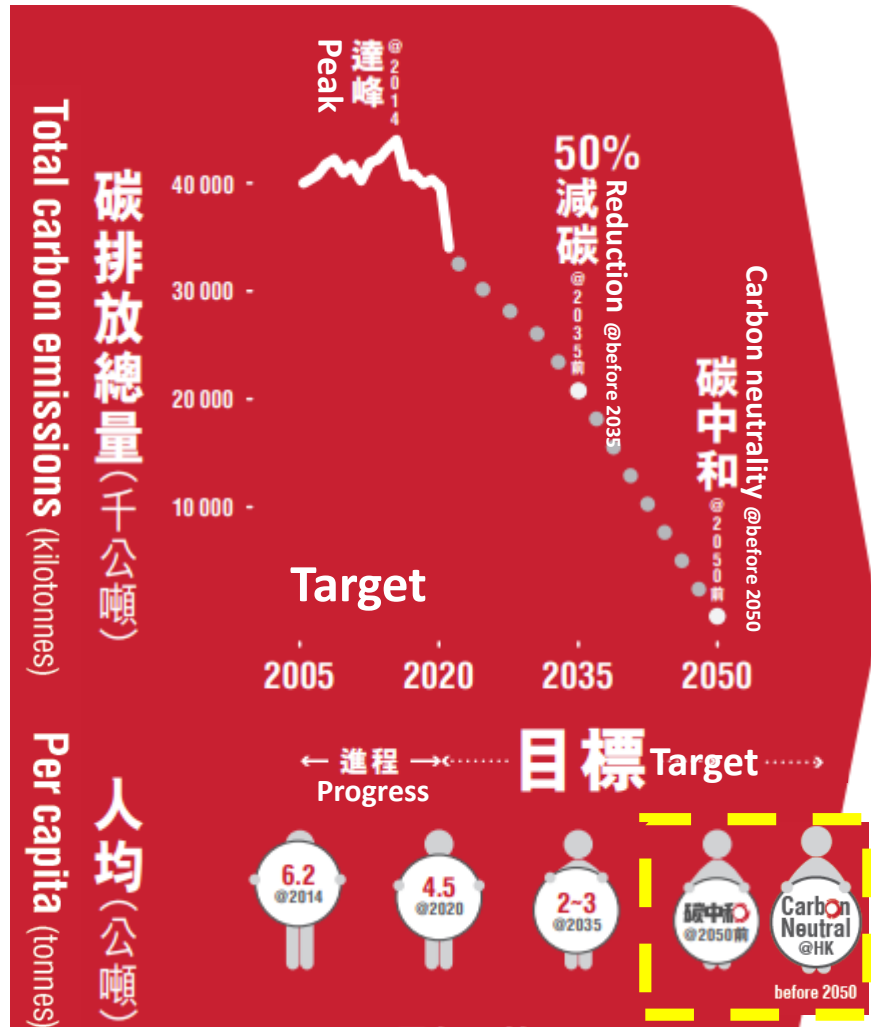
Environmental Education and Community Action (EE&CA) Projects on Carbon Neutrality (Green Transport)

以碳中和(綠色運輸)為特定主題的
環保教育和社區參與項目

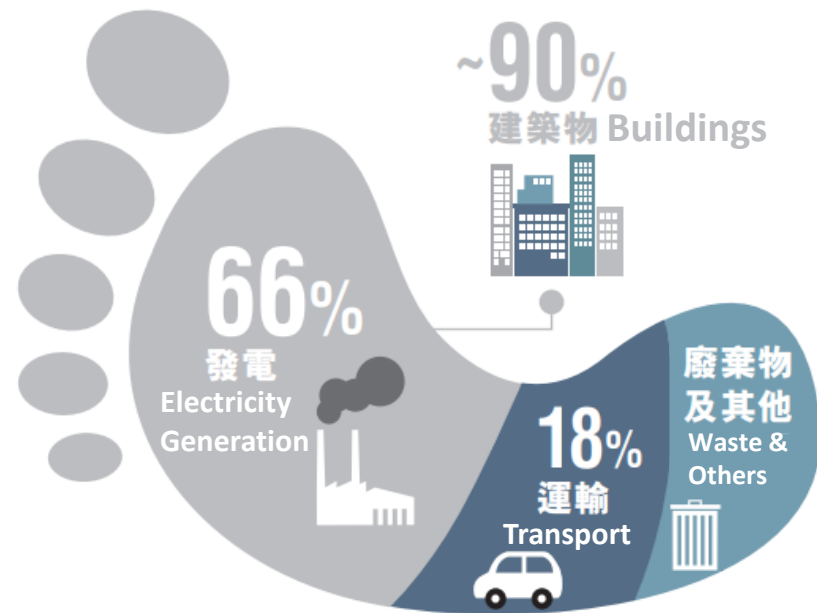


Hong Kong's Climate Action Plan 2050 (Oct 2021)

香港氣候行動藍圖2050 (2021年10月)



Carbon Footprint 碳足跡



香港碳排放源@2019

Hong Kong Carbon Emission Sources



Hong Kong Roadmap on Popularisation of Electric Vehicles (Mar 2021)

香港電動車普及化路線圖 (2021年3月)



No new registration of fuel-propelled and hybrid private cars in 2035 or earlier
在2035年或以前停止新登記燃油私家車
包括混合動力車

Target目標



Zero Vehicular Emissions
車輛零排放

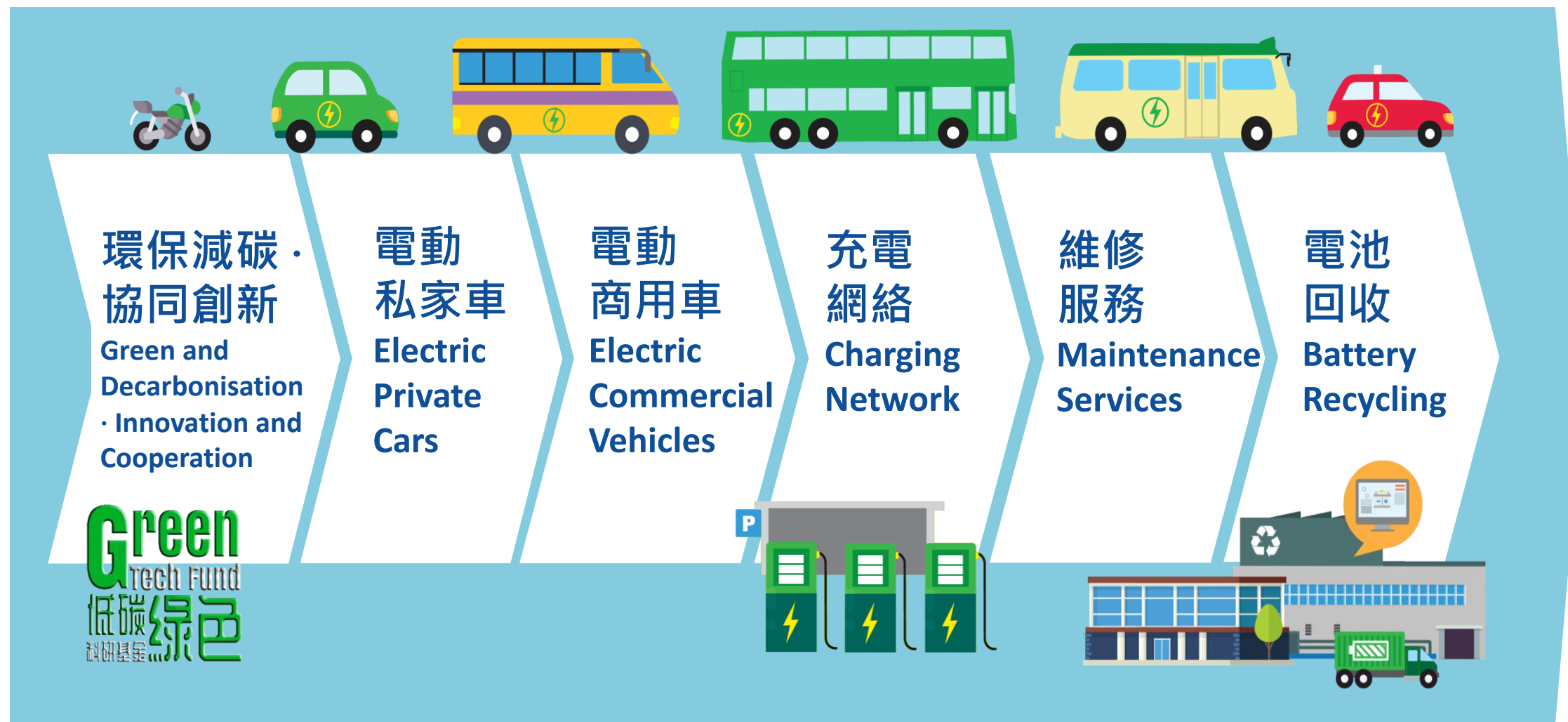


One of the important milestones to help Hong Kong achieve carbon neutrality before 2050

幫助香港於2050年前實現碳中和的重要里程碑之一

6 Key Issues Covered by the EV Roadmap

《路線圖》的六大綱領



Key Measures

主要措施



E-private cars
電動私家車

No new registration of fuel-propelled private cars including hybrid vehicles in 2035 or earlier



2035年或以前停止新登記燃油私家車, 包括混合動力車



E-commercial vehicles
電動商用車

Promote trials for e-public transport and commercial vehicles proactively in the next few years, with a view to **setting a more concrete way forward and timetable around 2025**

在未來數年積極推動試驗各種電動公共交通工具及商用車，**力求約在2025年制定更具體推行的方向及時間表**



Government fleet
政府車隊

Set electric vehicle (EV) as standard for government small and medium private cars to be procured or replaced

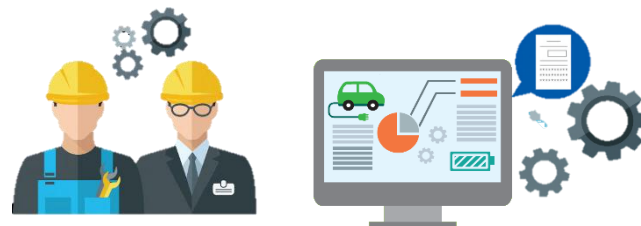
政府新購及到期更換的中小型私家車以電動車為標準，以作示範牽頭之用

Key Measures

主要措施



Charging network
充電網絡



Maintenance services
維修服務



Battery recycling
電池回收



≥ 150 000

EV Ready private parking spaces
私人停車位配備充電基建

≥ 5 000

Public charging facilities
(Plan to double in the future)
公共充電設施
(計劃往後再倍增)

Target has been met 3 years ahead of schedule
已提前3年實現目標

Provide sufficient training, re-training and education opportunities to groom professionals and mechanics to support development of EV technology and maintenance

提供合宜的進修、再培訓及教育機會以培養所需的專業人員及技術工人，支持電動車技術及維修方面的發展

Strive to legislate a **Producer Responsibility Scheme for retired EV batteries** in the next few years

爭取在未來幾年立法就**電動車退役電池推行生產者責任計劃**

Hong Kong EV Figures

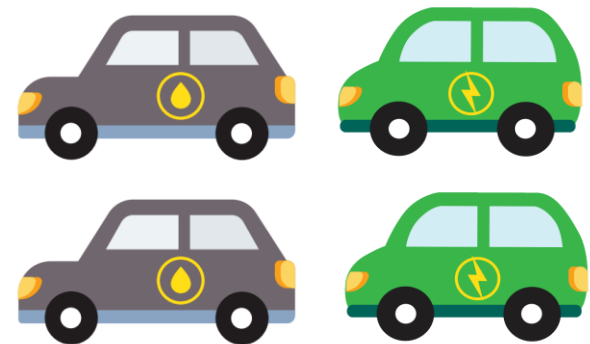
本港電動車數據

- 2022年 Year 2022:

1 EV in every 2 new private cars

每兩輛新私家車中就有1輛電動車

(vs 1:8 in 2020 and 1:4 in 2021)



- E-private car sales share is **68.2%** in Aug 2023
2023年8月電動私家車銷售比率為 **68.2%**
- Around **65 000** electric private cars (10.1% of all private cars)
電動私家車約**65 000**輛 (佔所有私家車的10.1%)

The Chief Executive's 2022 Policy Address: Key measures 《行政長官2022年施政報告》:主要措施

2025 An additional **7 000 parking spaces with electric vehicle chargers** will be provided in government premises
額外 **7 000** 個政府建築物停車位提供**充電設施**



To announce a **roadmap** for the promotion of **electric public transport and commercial vehicles**
公布推動**電動公共交通工具及商用車**的路線圖

2027 Introduce about **700 electric buses** and **3 000 electric taxis**
投入約 **700** 輛**電動巴士**和約 **3 000** 輛**電動的士**



The 2023-24 Budget

2023-24年度財政預算案

- A **loan scheme with 100% guarantee** for taxi owners to replace their existing taxis with battery electric taxis
為的士業界提供**百分百擔保的貸款計劃**，以鼓勵的士車主將現有的士替換為純電動的士。
- To commence trials of **hydrogen fuel cell electric double-deck buses** and **heavy vehicles** progressively
有序地開展**氫燃料電池雙層巴士及重型車輛**的試驗



Funding Application for Special Theme on Carbon Neutrality (Green Transport) Projects

碳中和(綠色運輸)為特定主題的資助申請



5 Guiding Principles (5大原則)

Area 1

Enhancing awareness of new energy vehicles including EVs, understand the environmental benefits of adopting new energy vehicles

範疇一

提高對新能源車輛（包括電動車）的認識，瞭解使用新能源車輛對環境的好處

Area 2

Foster behavioural changes

範疇二

可以促進行為改變

Area 3

Appeal to a larger number of members of public, especially the young generation

範疇三

可以吸引更多的公眾，特別是年輕一代

Area 4

Interesting, inspiring, down to earth, and interactive

範疇四

有趣味性和啟發性，生活化和互動

Area 5

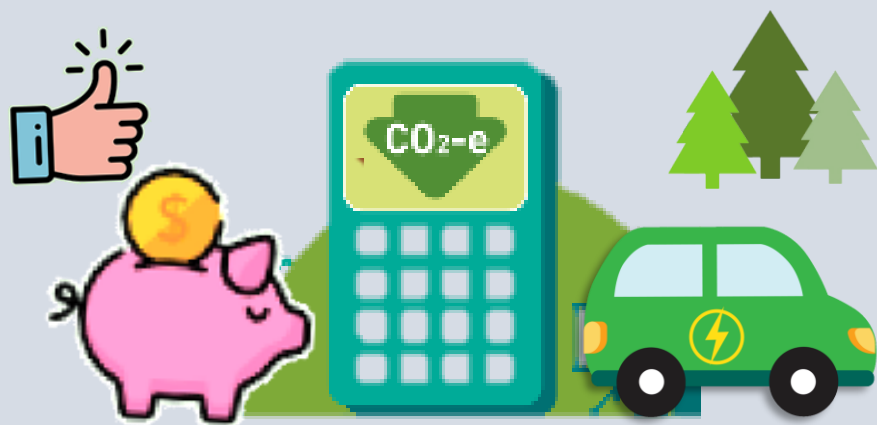
Promoting community Involvement

範疇五

推動社會參與

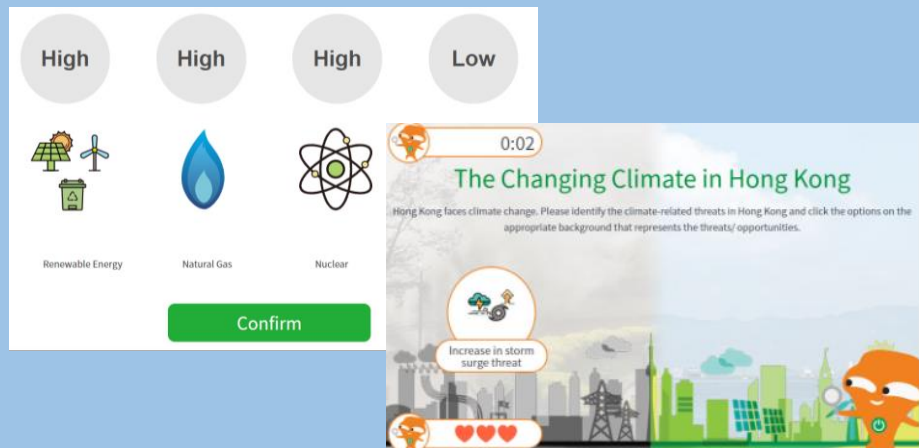
Recommended Programme Types

建議活動類型



Develop a computer interactive website for **calculation of carbon emission and money saving** if a conventional car is replaced by an EV

設計一個互動網站，計算電動車代替傳統汽車可減少碳排放和節省金錢的數量

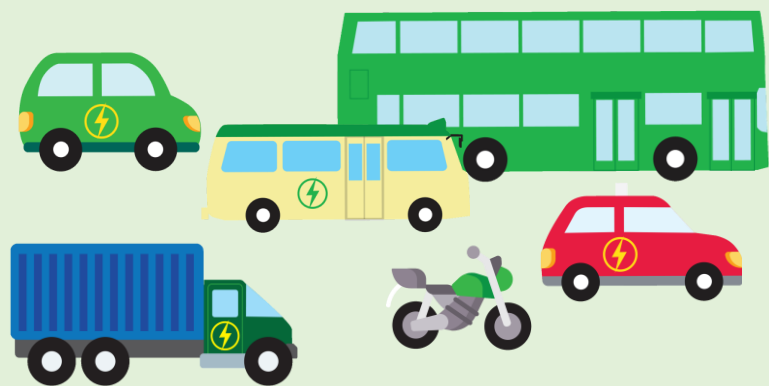


Develop a website with **interesting Q&As and games** as well as **information about new energy vehicles (including EVs)**.

設計一個具有趣問答和遊戲，並提供新能源車輛（包括電動車）資訊的網站

Recommended Programme Types

建議活動類型



Educate the public to understand the design and requirements of different kinds of EVs, including e-PC, e-Bus, e-Truck, e-Motorcycle, e-Taxi, e-PLB, etc. and chargers

讓公眾瞭解各種類型的電動車設計及要求，包括電動私家車、巴士、貨車、電單車、的士及公共小巴等及充電器



Publicity program via social media

e.g. Educate the drivers with proper charging behaviour / use of public EV designated parking space

通過社交媒體進行宣傳及教育

例如對駕駛人士進行適當的充電 / 使用公共電動車專用停車位的行為教育

Recommended Programme Types

建議活動類型



Experiential learning

e.g. workshop / competition to build mini electric cars, with application of automatic pilot system for students in higher grades

體驗式學習

例如工作坊或比賽製作微型電動汽車。高年級學生的活動可考慮加入自動導航系統的元素



Conduct **public engagement** and collect views from different stakeholders on the **EV Roadmap**.

進行**公眾參與活動**，收集相關持份者對**路線圖**的意見



THANK YOU!
多謝!

