

Environmental Research, Technology Demonstration and Conference Project

ECF Project:	ECF 2018-68
Project Title:	Study on the widespread usage of electric private cars in Hong Kong: hurdles and enhancement measures
Principal Investigator:	Professor Leung Yiu Cheong, Dennis, Department of Mechanical Engineering, The University of Hong Kong
Total Approved Grant:	\$499,550
Duration:	1/5/2019 to 31/8/2021
Project Status/Remarks:	Completed
Project Scope:	This project aims to explore key barriers to the popularisation of electric cars in Hong Kong and identify the solutions, which would help the community to forge a consensus and the government to develop relevant policies to prepare for the dawning of the electric car era. Apart from desk top study and questionnaire surveys, six structured workshops on specific themes related to the use of electric cars will be organised with key stakeholders for identifying barriers and solutions.
Summary of the Findings/Outcomes:	This project explored the possible hurdles to the popularisation of electric cars in Hong Kong, and provided potential solutions and recommendations, which would help the community to forge a consensus and the Hong Kong SAR Government to develop relevant policies for the dawning of the electric car era. The study consisted of desktop study, questionnaire surveys, and structured workshops on specific themes including electric car charging arrangement and charging facilities, maintenance and mechanics training, battery reuse and recycling, as well as right/left steering issue for new electric cars.