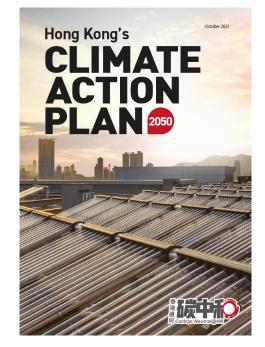


ECONOMY UPDATES Hong Kong, China

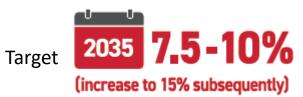
16-18 October 2023

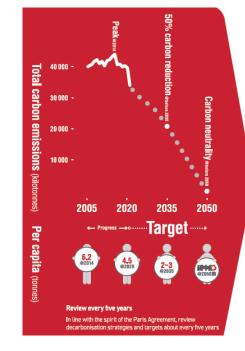
THE 61ST MEETING OF THE APEC EXPERT GROUP ON ENERGY EFFICIENCY & CONSERVATION

HK will strive to achieve Carbon Neutrality before 2050

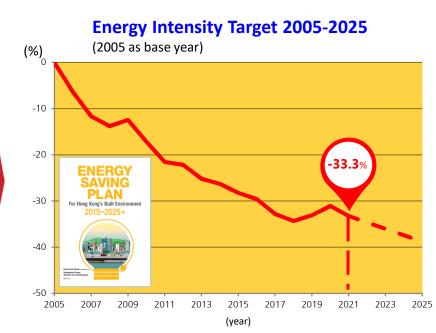


Renewable Energy (RE)









(Source: Hong Kong Energy End-use Data 2023)

Electricity Saving in Buildings



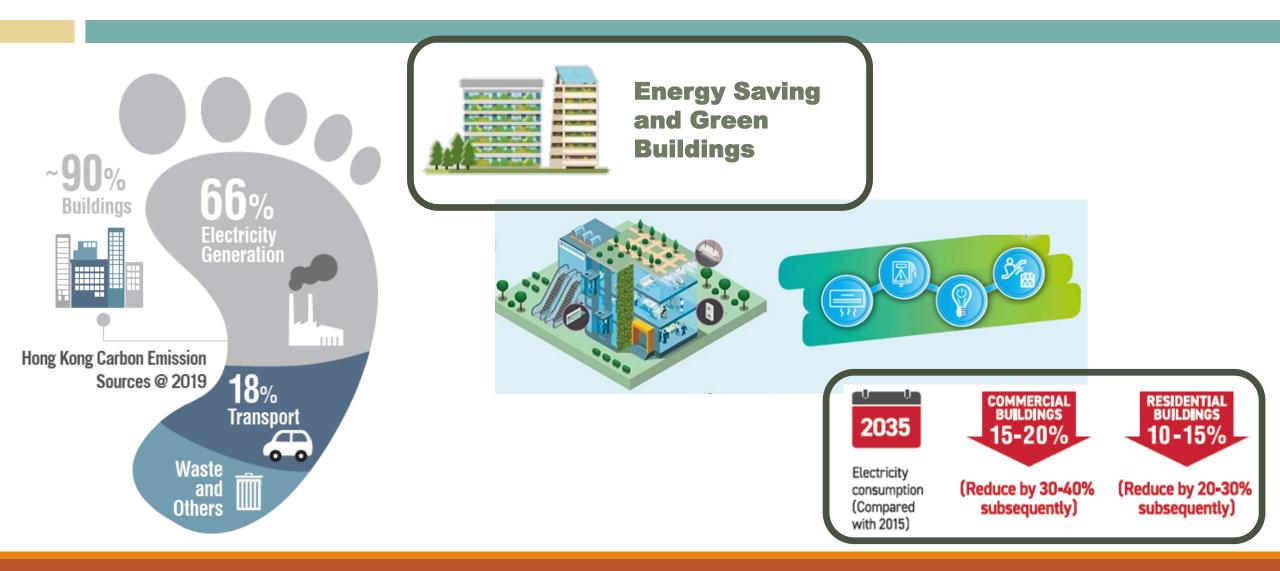
香 港 通 向 Carbon Neutral@HK

Implementation of PV system In Hong Kong



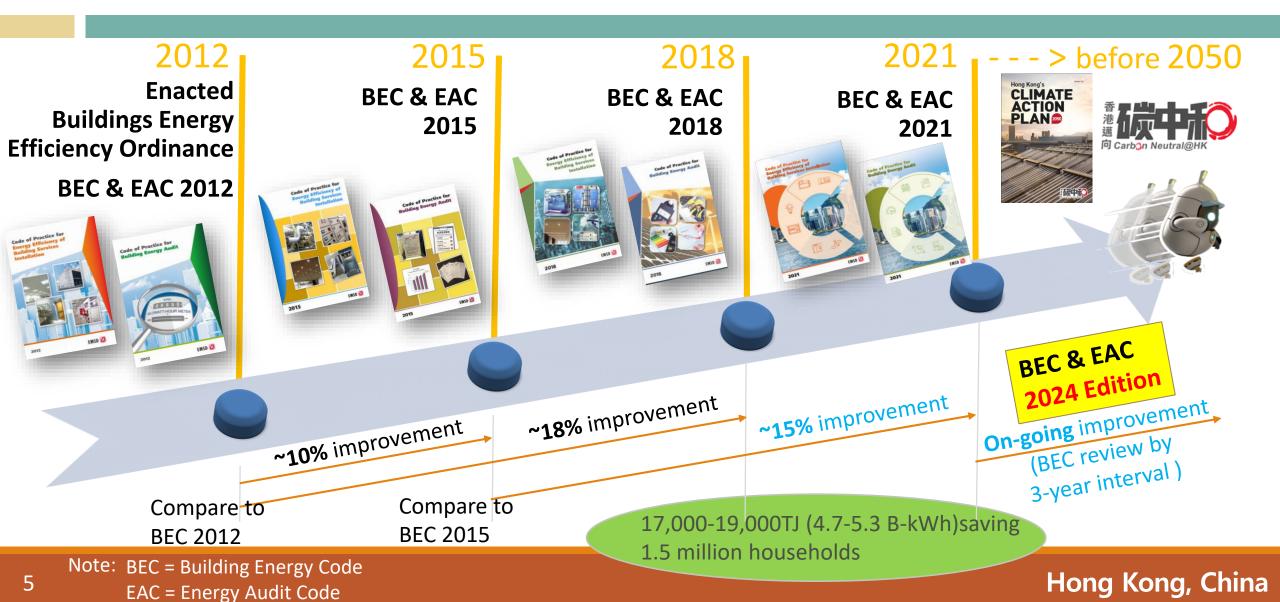


Energy Efficiency Enhancement

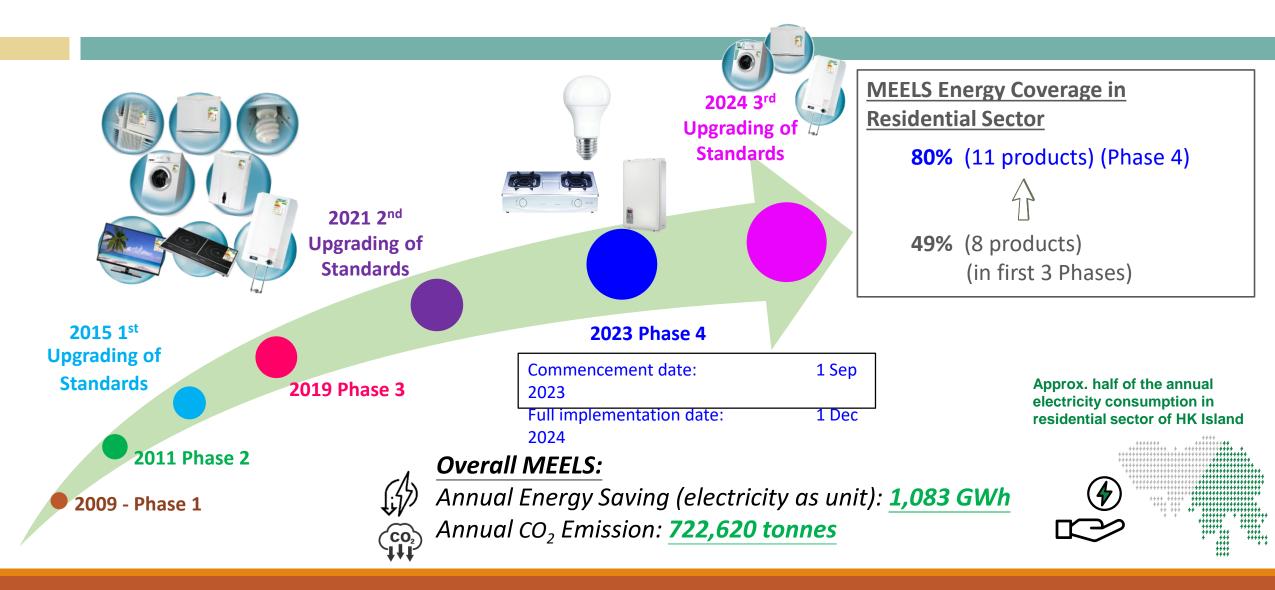




Milestone of the Buildings Energy Efficiency Ordinance

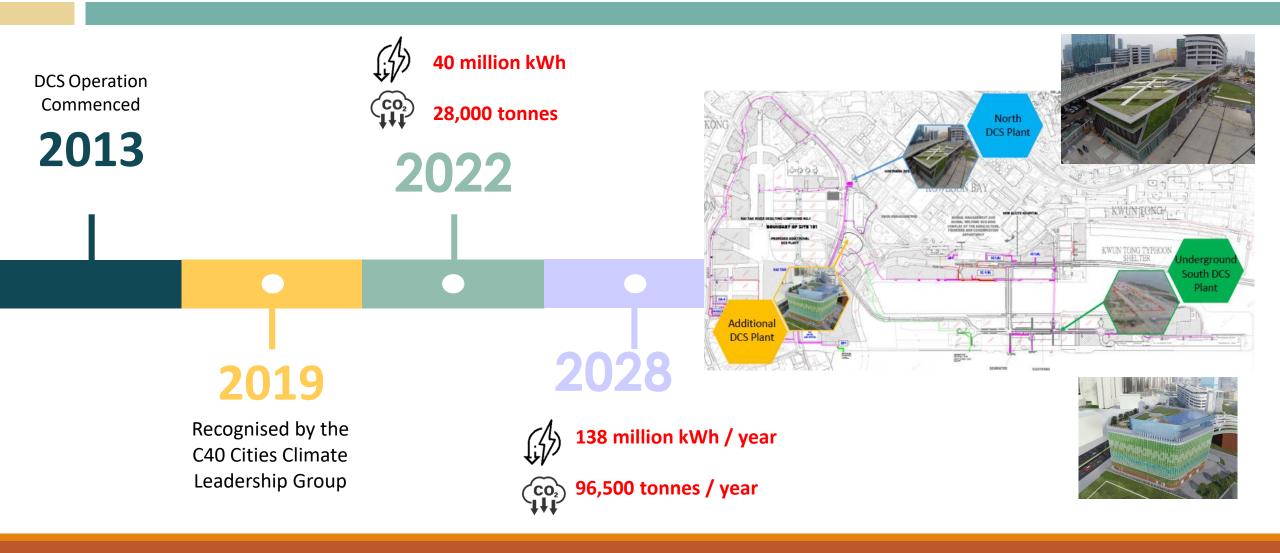


Development of the Mandatory Energy Efficiency Labelling Scheme (MEELS)



Development of the District Cooling System (DCS) in Kai Tak







Development of the District Cooling Systems (DCS)



Retro-commissioning (RCx) for major government buildings



Existing buildings are often...



- Equipped with aging equipment
- Outdated building services system control
- High energy consumption
- unsatisfactory performance of systems





Conduct RCx in suitable major government buildings



Wireless data collection of room condition



Smart Sensors





Workstation



RCx Competition and Experience Sharing Session





悭神大比拼 — 機構組別 Energy Saving Championship Scheme - Competition for Organisations

"Green Schools 2.0" - Solar Harvest



To provide one-stop service for installation of small-scale solar energy generation system at Non-government schools and Welfare NGOs

As of August 2023

- Over 560 no. systems installed
- Generated electricity about 7.0 million kWh

Educational Kits for Primary and Secondary Schools

- Promote STEAM education
- Cultivate renewable energy and climate action awareness among the youngsters
 - Launched in the academic year of 2022/23 and 2023/2024 respectively



"Green Schools 2.0" – Energy Smart



Non Profit-making & Non-Government Primary & Secondary Schools



Beneficiary: 300 Schools, over 100,000 students



Real Time Energy Monitoring System (RTEMs) with "Energy Saving Tips" for education purpose



Green Welfare Non-Government Organisations



Target to set up common Energy Management Opportunities (EMOs) for various welfare premises



Green Tech Fund



PRIORITY THEME



Net-Zero Electricity Generation

Energy Saving and Green Buildings

Green Transport

Waste Reduction



Green I&T Day







