

Annex

Progress of Implementation of Key Measures in the Action Agenda

(1) Mitigation of Greenhouse Gas Emissions

- Continuous utilization of landfill gas and the gas collected during wastewater treatment
- Launched a \$300 million Pilot Green Transport Fund to support transport trades in testing green and innovative transport technologies in March 2011
- Organised the Energy Saving Charter on Indoor Temperature for three years in a row since 2012 to promote community participation in energy conservation
- Full implementation of the Buildings Energy Efficiency Ordinance since September 2012 to enhance energy efficiency of key types of building services installations including air-conditioning installation and lift, etc.
- Rolled out a three-year programme in stages to conduct energy-cum-carbon audits for about 120 government buildings and public facilities since 2012/13
- Set up an inter-departmental Steering Committee on the Promotion of Green Building chaired by the Secretary for the Environment to formulate implementation strategies and action plans for promoting green building in public and private sectors in 2013
- Hong Kong's first district cooling system at Kai Tak Development has started to provide more energy efficient cooling service to the main building of the Kai Tak Cruise Terminal and Housing Authority's Ching Long Shopping Centre since 2013
- Tightened the design standards of lighting installations in the Code of Practice for Energy Efficiency of Building Services Installation by 10 per cent to 15 per cent in February 2014
- Launched a three-month public consultation in March 2014 on two options of future fuel mix for electricity generation with the objective to reduce carbon emissions from power generation
- Published the "Railway Development Strategy 2014" in September 2014 to recommend the completion of seven new railway projects during the planning period up to 2031
- A new sludge treatment plant is currently under testing and is expected to start operation in early 2015. The plant will convert the heat produced during sludge treatment into electricity, which would not only meet the electricity demand of the plant itself, but also transfer excess electricity to the power grid

- To launch a designated website for Carbon Footprint Repository in 2014-15 to facilitate listed companies to disclose their carbon audit findings and to share their carbon management experience and practices
- To take forward five railway projects - the West Island Line, the South Island Line (East), the Kwun Tong Line Extension, the Shatin to Central Link and the Hong Kong section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link. The railway network will then cover areas inhabited by over 70 per cent of the population in Hong Kong

(2) Adaptation to Climate Change

- Developing a biodiversity strategy and action plan for Hong Kong
- Continuous monitoring of areas related to climate change including meteorological and climate data, food resources, human health, etc.
- Regularly updating construction related codes, guidelines and design standards for buildings and infrastructure to cope with extreme weather events
- Regularly reviewing the Drainage Master Plan to formulate necessary drainage improvement works for implementation
- Setting up a flood warning system for flood prone low-lying areas to provide timely alert to relevant departments and local residents of the flood prevention measures, in order to cope with the possible storm surge induced by strong typhoon
- Carrying out an updating study on Probable Maximum Precipitation estimate to model the extreme rainfall conditions and extreme landslide scenario, and improving emergency preparedness planning for widespread natural terrain landslides during very severe rainstorms
- Regularly reviewing the effectiveness of Total Water Management Strategy
- Conducting a planning and feasibility study for a desalination plant in Tseung Kwan O as sea water is a resource not affected by climate change
- Organised capacity building workshops on climate change adaptation tailored for various works departments in 2012, and a climate change adaptation workshop for the financial services sector in 2013 to raise the financial services sector's awareness of the climate change risks posed to business operation and investments