

Major achievements of Guangdong-Hong Kong
Environmental Collaboration in 2014

- * Implemented measures under the PRD Regional Air Quality Management Plan to achieve the PRD emission reduction targets for 2015. Major measures implemented in Hong Kong included reviewing the fuel mix for electricity generation, progressively phasing out pre-Euro IV diesel commercial vehicles, strengthening control of emissions from LPG and petrol vehicles, and tightening the sulphur content of locally-supplied light diesel for vessels' consumption. As for Guangdong, major measures included promoting cleaner power generation to enhance the structure of energy supply; introducing stringent environmental requirements for new projects, phasing out polluting industries with low production capacities and embarking on programmes to reduce air pollution by adoption of desulphurization, low nitrogen-oxides combustion and de-nitrification technologies; designating restriction zones for combustion of high polluting fuels; fully implementing restriction zones for yellow-label vehicles; fully supplying petrol at National V standards in the PRD Region; and introducing a subsidy plan in Shenzhen to encourage ocean-going vessels switching to low sulphur fuel or onshore power supply while berthing.

- * Signed the Cooperation Agreement on Regional Air Pollution Control and Prevention among Guangdong, Hong Kong and Macao in September 2014, with a view

to fostering regional cooperation in air pollution control and prevention.

- * Enhanced the Guangdong-Hong Kong-Macao PRD Regional Air Quality Monitoring Network and released real-time regional air quality information. The average annual concentration levels of sulphur dioxide, nitrogen dioxide and respirable suspended particulates in the region recorded a notable decrease as compared with 2006¹ levels, despite the continuing economic growth of the PRD region.
- * Carried out the Guangdong-Hong Kong-Macao Joint Regional PM_{2.5} Study in order to provide robust scientific basis for mapping out strategies for further improving the regional air quality.
- * Promoted the Cleaner Production Partnership Programme to enhance energy efficiency and emission reduction. Currently more than 2,400 funding applications have been approved. The two governments signed the "Guangdong-Hong Kong Cooperation Agreement on Cleaner Production" to strengthen collaboration in encouraging enterprises of both sides to adopt cleaner production. In addition, the two sides have raised the level of cooperation in cleaner production by setting up a Hong Kong/Guangdong Joint Working Group on Cleaner Production to take forward relevant work.
- * Completed the joint study on regional water quality management plan for the Pearl River Estuary with findings on the estuary's pollution

¹ The PRD Regional Air Quality Monitoring Network was set up in November 2005. The report on monitoring results in 2006 is the first annual report of the regional monitoring network.

load carrying capacity, which will provide a scientific basis for water quality management of the estuary.

- * Planned and constructed sewerage infrastructure projects to protect the water quality of Deep Bay (Shenzhen Bay) and Mirs Bay, and progressed with the second review of the Deep Bay (Shenzhen Bay) Water Pollution Control Joint Implementation Programme, which aims to evaluate the effectiveness of the implementation programme and to draw up additional mitigation measures.
- * Cooperated and exchanged on capacity building on hill fire prevention and abatement, afforestation, conservation and management of protected areas, protection of animal and plant species, wetland conservation and management, prevention and control of plant diseases and insect pests, fisheries resources management, sustainable development of marine resources and conservation of rare marine animals, etc.