

**Fact Sheet**  
**HKEx Data Centre**  
31 January 2013

Project Timeline:

- February 2010 – HKEx accepts offer of land covering 11,000 square metres in Tseung Kwan O Industrial Estate for a new Data Centre
- June 2010 – Planning and development work at the site begins
- January 2011 – Construction begins
- October 2012 – IT office relocated to the Data Centre; first phase of Data Centre migration, involving the Cash Market, also completed successfully
- January 2013 – Grand Opening of the Data Centre

Key Facts:

- Cost: HK\$1.5 billion
- Total Floor Area: 31,400 square meters
- Floors: 5
- Number of Staff: approximately 300
- High reliability: attaining Tier 4 standard

Green Features:

- Designed to meet internationally-recognised LEED gold standard
- Power Usage Efficiency (PUE) of 1.6, which is better than other data centres in Hong Kong which average about 2.0.
- Cold aisle containment inside data hall reduces cooling system's energy use
- 100 per cent LED lighting fixtures with motion sensors reduce energy use
- Energy efficient water cool air-conditioning system with state of the art Building Management System for energy control.
- Daylight harvesting for office area: periphery zone lighting is turned off when natural light is sufficient
- Louvres reduce heat tank effect at south-west side of building
- Roof garden and green belt at the building's periphery
- Special water tank for recycling of water for irrigation
- Special air filter helps increase indoor air quality
- A 20 per cent reduction in overall water use and 10 per cent reduction in overall energy consumption by consolidating HKEx's data centres within the new Data Centre