

Appendix I: Comparison of Two Options

| | Option 1 (Two-runway System) | Option 2 (Three-runway System) |
|--------------------------------|---|---|
| Total Airport Site Area | 1,255 hectares | 1,905 hectares (with around 650 hectares of newly reclaimed land) |
| Number of Runways | 2 | 3 |
| Runway Operation Mode | <ul style="list-style-type: none"> • Existing North Runway dedicated for “Arrivals” only • Existing South Runway dedicated for “Departures” only, except on some occasions where cargo and general aviation flights will be allowed to land on the South Runway | <ul style="list-style-type: none"> • New runway dedicated for “Arrivals” only • Existing North Runway dedicated for “Departures” only • Existing South Runway for both “Arrivals” and “Departures” |
| Runway Capacity | 68 flights per hour, which could be translated into a practical maximum capacity of 420,000 flight movements per annum | 102 flights per hour, which could be translated into a practical maximum capacity of 620,000 flight movements per annum |

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|--|---|--|------------|-------|------------------|-----------------------|---------|---|------------|------------|-------|--------------------|-----------------------|---------|
| Handling Volume after Development | <ul style="list-style-type: none"> Able to meet forecast air traffic demand up to about 2020 only <p>Forecast Annual Air Traffic Demand around 2020</p> <table border="1" data-bbox="573 288 1209 406"> <tr> <td>Passengers</td> <td>74 million</td> </tr> <tr> <td>Cargo</td> <td>6 million tonnes</td> </tr> <tr> <td>Air traffic movements</td> <td>420,000</td> </tr> </table> | Passengers | 74 million | Cargo | 6 million tonnes | Air traffic movements | 420,000 | <ul style="list-style-type: none"> Able to meet forecast air traffic demand up to 2030 and possibly beyond <p>Forecast Annual Air Traffic Demand in 2030</p> <table border="1" data-bbox="1350 288 2033 392"> <tr> <td>Passengers</td> <td>97 million</td> </tr> <tr> <td>Cargo</td> <td>8.9 million tonnes</td> </tr> <tr> <td>Air traffic movements</td> <td>602,000</td> </tr> </table> | Passengers | 97 million | Cargo | 8.9 million tonnes | Air traffic movements | 602,000 |
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| Investment Estimation | <p>In 2010 dollars: HK\$23.4 billion</p> <p>At money-of-the-day prices: HK\$42.5 billion</p> | <p>In 2010 dollars: HK\$86.2 billion</p> <p>At money-of-the-day prices: HK\$136.2 billion</p> | | | | | | | | | | | | |
| Estimated Economic Benefits | <ul style="list-style-type: none"> An Economic Net Present Value (ENPV) of HK\$432 billion (in 2009 dollars) under an assumption of 50-year lifespan of the infrastructure Direct employment reaches 101,000 in 2030 | <ul style="list-style-type: none"> An Economic Net Present Value (ENPV) of HK\$912 billion (in 2009 dollars) under an assumption of 50-year lifespan of the infrastructure Direct employment reaches 141,000 in 2030 | | | | | | | | | | | | |
| Development Phasing Plan | <p>Phased over 15 years between 2016 and 2030</p> | <p>Phased over 15 years between 2016 and 2030</p> | | | | | | | | | | | | |
| Terminal Expansion | <ul style="list-style-type: none"> Expand Terminal 1 to over 650,000sqm Add more passenger facilities such as check-in counters, baggage reclaim carousels, immigration/ customs/ security processing facilities | <ul style="list-style-type: none"> Reconfigure Terminal 2 to accommodate both arrival and departure processing facilities | | | | | | | | | | | | |

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| Airfield Expansion | <ul style="list-style-type: none"> • Build a second Midfield Concourse with 20 bridge-served passenger aircraft parking stands • Add 20 parking stands for cargo flights in the Midfield area | <ul style="list-style-type: none"> • Reclaim around 650 hectares of land north of the existing airport island to build a new runway and related supporting facilities including aprons, taxiway systems, passenger concourses and parking stands • Add 36 stands for cargo flights at the Midfield • Build the third runway passenger concourses with 58 passenger aircraft parking stands at the reclaimed area |
| Supporting Facilities Expansion | <ul style="list-style-type: none"> • Extend the Automated People Mover (APM) system to reach the second Midfield Concourse and enhance the Baggage Handling System | <ul style="list-style-type: none"> • Extend the Automated People Mover (APM) system to connect the third runway passenger concourses with Terminal 2 and enhance the Baggage Handling System |
| Landside Transportation Facilities Expansion | <ul style="list-style-type: none"> • Improve road system and transport facilities on the airport island • Construct two multi-storey car parks, comprising a total of 2,800 parking spaces | <ul style="list-style-type: none"> • Improve the airport road network and transport facilities on the airport island • Construct four multi-storey car parks, providing a total of 6,500 parking spaces |

Appendix II: Public Consultation on *Master Plan 2030*

- ❖ Consultation Period: 3 June 2011 to 2 September 2011
- ❖ Information about *Master Plan 2030* is available in the following platforms:
 - A dedicated website: www.hkairport2030.com
 - Online media (such as YouTube, facebook and twitter)
 - Roving exhibitions*

| Date | Venue |
|---------------------------|--|
| 3 - 12 June 2011 | Hong Kong Convention and Exhibition Centre, Exhibition Hall 3D 1 Expo Drive, Wanchai |
| 16 - 24 June 2011 | Citywalk UG/F, Event Hall 1 Yeung Uk Road, Tsuen Wan |
| 27 June - 10 July 2011 | Atrium of InnoCentre 72 Tat Chee Avenue, Kowloon Tong |
| 9 June - 2 September 2011 | Level 3, Atrium of Terminal 2, Hong Kong International Airport |

** From 1100 to 2000 hrs daily during the exhibition period*

- Public forums and seminar**

| Date | Venue |
|---|--|
| <i>Seminar for Business Partners (1500 to 1700 hrs)</i> | |
| 10 June 2011 | Hong Kong Convention and Exhibition Centre, Exhibition Hall 3D 1 Expo Drive, Wanchai |
| <i>Public Forums (1500 to 1700 hrs)</i> | |
| 11 June 2011 | Hong Kong Convention and Exhibition Centre, Exhibition Hall 3D 1 Expo Drive, Wanchai |

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|--------------|---|
| 19 June 2011 | L'hotel Nina et Convention Centre 7/F Ballroom B 8 Yeung Uk Road, Tsuen Wan |
| 2 July 2011 | InnoCentre Chamber 1a & b 72 Tat Chee Avenue, Kowloon Tong |

*** Members of the public who want to attend the public forums can call the hotline (852) 2922 2030 for seat reservations*

- ❖ Members of the public are invited to express their views:
 - By attending the three public forums
 - By returning questionnaires via:
 - Drop boxes provided at the exhibitions
 - Mail to Social Sciences Research Centre, The University of Hong Kong, 4/F, Kennedy Town Centre, 23 Belcher's Street, Western District, Hong Kong
 - Filling out the e-questionnaire at www.hkairport2030.com
 - By phone (852) 2922 2030