

## **Phase 1 Development of HKIA Midfield Fact Sheet**

<b>Location</b>	West of Terminal 1 and between the two existing runways
<b>Total site area</b>	410,000 sqm
<b>Construction cost</b>	HK\$7 billion
<b>Project time</b>	3 <sup>rd</sup> quarter of 2011 to the end of 2015
<b>Designed handling capacity</b>	10 million passengers per annum
<b>Project highlights</b>	<ul style="list-style-type: none"> <li>❖ A five-level concourse with total floor area of 73,000 sq m and ceiling height comparable to that of Terminal 1</li> <li>❖ 20 aircraft parking stands, 11 of them are bridge-served including some code F (A380) stands</li> <li>❖ Automated People Mover (APM) connection to Terminal 1</li> </ul>
<b>Green features</b>	<ul style="list-style-type: none"> <li>❖ Adopt reduced height west facade and north facing skylights in the concourse design to optimise natural lighting and reduce solar heat gain</li> <li>❖ Adopt floor-to-ceiling high performance glazing in the concourse façade which will reflect over 40% of solar heat while still allowing a good level of natural light into the building</li> <li>❖ Use of recycled water cooled chillers for air conditioning</li> <li>❖ Install LED lights to reduce power consumption</li> <li>❖ Use of approximately 50,000 tonnes of recycled asphalt from runway resurfacing to construct the apron of the midfield</li> <li>❖ Use of over 50% of timber from Forest Stewardship Council (FSC) sources in construction</li> </ul>