

New Acute Hospital

(Hong Kong, China)

As part of Hong Kong's 10-year Hospital Development Plan, which will see an investment of HK\$200 billion (approximately £20.5 billion) to hospitals across the region, a New Acute Hospital is undergoing construction in the Kai Tak Development Area (KTDA).

When completed will become the largest hospital in Hong Kong, with a construction floor area (CFA) of 500,000m².

The development of a New Acute Hospital in KTDA will meet the demand for medical services arising from the growing and aging population in Kowloon. It will also serve patients from neighboring districts and help strengthen the public hospital service in the region for the future.

Preparatory works on the new hospital began in September 2017 with foundation and excavation works commencing exactly a year later. Modern service models are being incorporated into the building to provide advanced technology and facilities to all future patients.

A human-centered approach was implemented when designing the building. The multi-level atrium in the Acute Block acts as the central "hub" of the hospital, providing a central location for admission, waiting areas, and patient and visitor amenities.

All buildings are connected by subways, multi-level bridges and landscaped decks. The hospital is also linked directly to the local community and the waterfront promenade, providing patients with daylight and natural surroundings, which are thought to benefit the healing process and ease the stress of a hospital environment. Many treatment rooms and waiting areas are daylight-illuminated while nature is also incorporated in the building through landscaping, planted terraces, and rehabilitation gardens.

Asite is working on the project in partnership with Arup, who is providing project management consultancy services on the development.

Asite's cloud-based platform provides a powerful electronic document and information management system to allow the project to maintain full control of all information and elements involved in the project across its lifecycle, from the design and development to delivery and maintenance.

The project, valued at HK\$30 billion, is expected to complete in 2024 upon which five new buildings delivering a comprehensive range of acute secondary and tertiary hospital services will open.

The hospital will house 2,400 beds and 32 operating theatres. It will also become a designated trauma center providing a 24-hour Accident and Emergency unit, staffed and equipped to handle urgent cases, emergency conditions and major incidents.

The other facilities included in the new hospital will also include a community health center, helipad, public waterfront promenade with link bridges and subways.



OUTCOMES



HK\$30 billion
project value



2,400
additional hospital beds



500,000m²
construction floor area