

**For discussion on
21 January 2019**

**Legislative Council Panel on Health Services and
Panel on Education**

**Enhancement of healthcare teaching facilities of University Grants
Committee-funded universities**

PURPOSE

This paper briefs Members on the plans for enhancing the teaching facilities of The Chinese University of Hong Kong (CUHK), The Hong Kong Polytechnic University (PolyU) and the University of Hong Kong (HKU) to enable them to cope with an increase of some 150 healthcare related first-year-first-degree places as from the 2019/20 academic year.

NEED FOR EXPANSION

2. As stated in the 2018 Policy Address, the Government will further increase the number of healthcare training places in preparation for the foreseeable tight manpower situation of the healthcare profession. Starting from the 2019/20 academic year, the number of healthcare-related University Grants Committee (UGC)-funded first-year-first-degree intake places per annum will increase by over 150 from about 1 780 to about 1 930 (including 60 medical, 60 nursing and some 30 dental and allied health places).

3. The Government recognises the need to enable the UGC-funded universities which offer relevant training programmes to upgrade and increase their healthcare-relevant teaching facilities with a view to coping with the additional UGC-funded healthcare training places as specified by the Government from the 2019/20 academic year. The Government has earmarked about \$20 billion for short, medium and long-term works projects in relation to the abovementioned purpose.

4. For CUHK, PolyU and HKU, there is already a serious preexisting insufficiency in space for their Faculty of Medicine and healthcare-related departments. As a result of the proposed increase of students set out in 2018 Policy Address, the preexisting insufficiency in space will be deepened when the first cohort of increased students is admitted in the 2019/20 academic year. The three universities have proposed short, medium and long-term works projects with a view to renovating their existing teaching facilities and constructing new buildings so that more spaces for teaching, learning, research and related student support can be provided.

5. The latest package of works projects which the Government is working on in consultation with CUHK, PolyU and HKU is set out below –

CUHK

(a) **Renovation of facilities in Choh-Ming LI Basic Medical Sciences Building (BMSB)** – spatial reorganisation and improvement works for the nursing facilities and teaching laboratories of BMSB will be implemented. The funding applications of those urgent renovation works have been submitted under the Capital Works Reserve Fund (CWRF) Block Allocations. For other related renovation works, we plan to submit the funding proposals to Public Works Subcommittee (PWSC) and Financial Committee (FC) in the 2019-20 legislative year.

(b) **Construction of a teaching-research complex in Tai Po Area 39** – the project is needed to provide CUHK's Faculty of Medicine with additional teaching and research facilities within the campus for increasing enrolments of medical and nursing students. It will also include necessary external works such as provision of car parking spaces, external landscaping, consolidation of the newly reclaimed land, linkage bridges and covered walkways, adequate plumbing/drainage and engineering services, etc. Special furniture and equipment for research laboratories are also required. CUHK will first seek funding for

pre-contract consultancy for the preparation of the design and tender documents in the 2018-19 legislative year. Upon the completion of the pre-contract consultancy, CUHK will then submit funding application for the construction of the teaching-research complex.

- (c) **Construction of a multi-purpose building for CUHK's Faculty of Medicine and student residence around the Prince of Wales Hospital** – the project is at an exploratory stage. CUHK has proposed to construct a multi-purpose building with teaching facilities, research laboratories, offices and student and staff amenities as well as a new 600-place ancillary student residence for the medical and nursing students attending clinical placement.

PolyU

- (d) **Renovation of healthcare-related teaching facilities within the PolyU campus** – urgent renovation works for the teaching clinic of Department of Rehabilitation Sciences (RS) as well as teaching laboratories for Department of Health Technology and Informatics and Department of RS will be implemented. Similar to CUHK, the funding applications of these renovation works have been submitted under the CWRP Block Allocations. For other related renovation works, we plan to submit the funding proposals to PWSC and FC in the 2019-20 legislative year.
- (e) **Campus expansion at Ho Man Tin Slope** – the project is needed to align with the current and future development of the Department of RS and the School of Optometry of PolyU by providing additional teaching and research facilities. The project involves the construction of an academic building which will provide classrooms, lecture theatres, teaching and research laboratories, study space, offices/support and amenities space, and public open space. As the proposed new academic building is located on government land, PolyU had consulted the Housing and Infrastructure Committee of the Kowloon City District

Council (KCDC) on the project on 7 March 2013, before the planning application was approved in 2016. Members of the KCDC Committee generally supported the project. We intend to submit the funding proposal for PWSC and FC in the 2018-19 legislative year.

- (f) **Construction of an integrated teaching building** – the project is at exploratory stage. PolyU has proposed to demolish the existing buildings within the campus and in-situ redevelopment of new academic spaces including classrooms, research and teaching laboratories, office and communal facilities.

HKU

- (g) **Enhancement of facilities cum medical campus development** – Urgent renovation works of William M. W. Mong Block, remodelling of Multi-disciplinary Laboratories as well as implementation of virtual expansion of teaching laboratories with virtual reality (VR) and augmented reality (AR) technologies at the Faculty of Medicine Building will be carried out. Similar to CUHK and PolyU's arrangement, the funding applications of the above works have been submitted under the CWRF Block Allocations.

The enhancement also covers an urgent stop-gap through the conversion works for additional anatomy dissecting laboratories and storage for cadavers at the Laboratory Block, as well as enablement of virtual connection by telepresence solution across different teaching venues at the Sassoon Road medical campus buildings and Queen Mary Hospital. We will submit the funding proposals of the above works to PWSC and FC in the 2018-19 legislative year.

- (h) **Construction of additional academic building and ancillary facilities for HKU's Faculty of Medicine** – HKU plans to redevelop a catering facility and the Madam SH Ho Residence for medical students, both at No. 6 Sassoon Road, into two new

blocks of a Clinical Training Amenities Centre. Moreover, HKU has also proposed to construct a new academic building on the “Green Belt” area located east of No. 3 Sassoon Road. The construction of this new academic building is still at exploratory stage and will involve town planning process.

- (i) **Redevelopment of Patrick Manson Building at No. 7 Sassoon Road and construction of a university corridor at Sassoon Road Campus** – consequential to the relocation of Patrick Manson Residence to the new facilities in around 2024, Patrick Manson Building could be demolished (by phases) for the construction of a new academic building containing laboratories and associated facilities. Also, with the increasing student population and all the additional academic buildings at Sassoon Road, there is a need to establish a safe and effective pedestrian access for a contiguous, holistic Queen Mary Hospital – Sassoon Road medical campus physical infrastructure, which is a continuous elevated pedestrian network to different buildings with a view to forming a university corridor.

6. In addition to the abovementioned planned projects, we also have plans for the Prince Philip Dental Hospital (PPDH). PPDH was commissioned in 1981 but could not be redeveloped in-situ without closing down the hospital. We intend to reserve about \$100 million for PPDH to undertake urgent renovation and upgrading works at the existing campus. Options for a reprovisioning site will be explored in parallel.

URGENCY

7. Since the maximum capacity of the teaching facilities for the two medical schools as well as PolyU has reached if not exceeded their respective design capacity, and the additional intake of students will start from 2019/20, there is urgency for funding to be secured and the works to commence as soon as practicable, by phases. We plan to present the technical funding submissions to the PWSC and FC by batches, according to the readiness of the projects.

8. We are ready to submit funding proposals shortly to PWSC and FC in preparation for the construction of a teaching-research complex in Tai Po Area 39 (CUHK), Campus Expansion at Ho Man Tin Slope (PolyU) and enhancement of facilities cum medical campus development (HKU). The site plans of the three projects are at **Enclosures 1, 2 and 3**.

FINANCIAL IMPLICATIONS

9. As set out in 2018 Policy Address, the Government will earmark about \$20 billion out of the provision of \$300 billion for short, medium and long-term works projects to upgrade and increase the teaching facilities of CUHK, PolyU and HKU. As planning is under way, the exact allocation amongst projects will be presented in the PWSC/FC submissions.

10. The projects have no impact on tuition fees. In accordance with the established practice, the three universities will operate the building/facilities and the proposal has no additional recurrent cost implication on the Government.

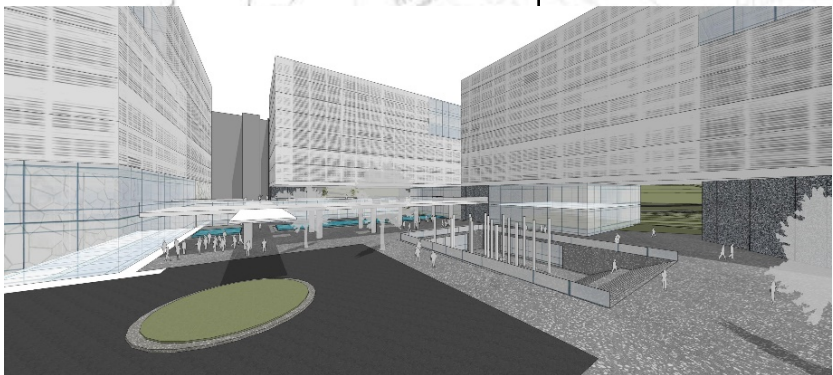
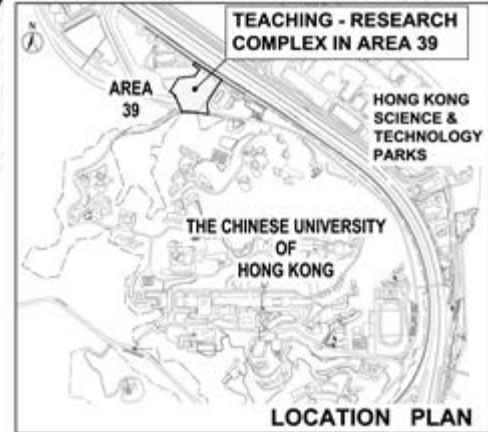
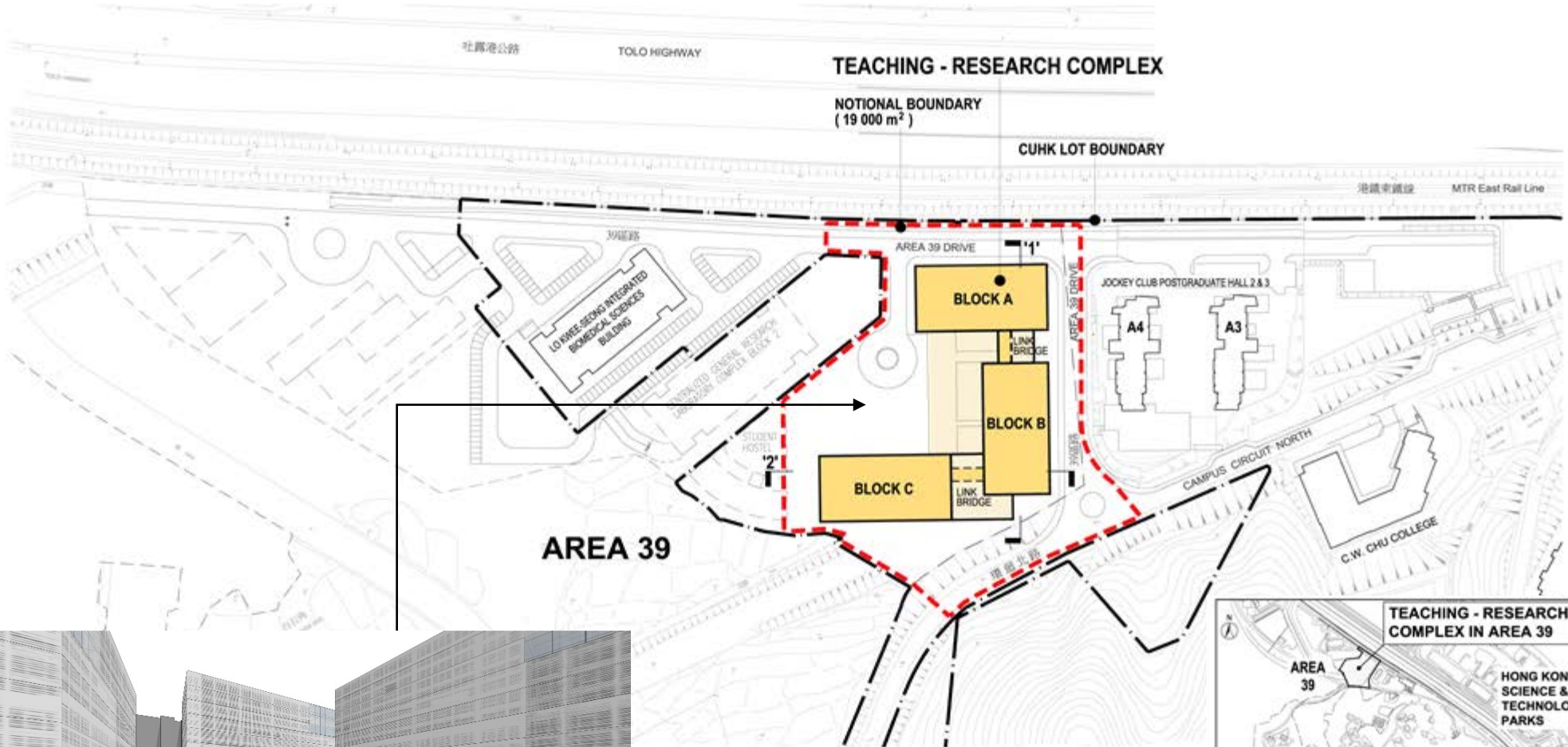
WAY FORWARD

11. Subject to Members' advice, Government will present the funding proposals for the projects set out in paragraph 5 for the expansion of healthcare-related teaching facilities as soon as practicable, to avoid hardware constraints undermining the capacity of universities to step up the training of healthcare professionals.

Food and Health Bureau
Education Bureau
January 2019

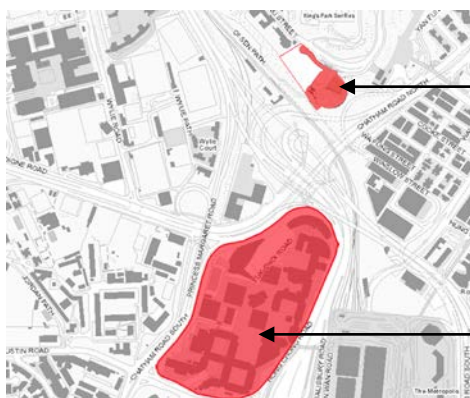


The Chinese University of Hong Kong
Teaching-Research Complex at Tai Po Area 39
香港中文大學 - 大埔第39區教學科研綜合大樓
Site plan 工地平面圖



**The Hong Kong Polytechnic University
Campus Expansion at Ho Man Tin Slope**

香港理工大學
何文田斜坡校園擴建工程
Site Plan 工地平面圖



Location Map 位置圖 1:15 000

**The Hong Kong Polytechnic University
- Campus Expansion at Ho Man Tin Slope
香港理工大學 - 何文田斜坡校園擴建工程**

**The Hong Kong Polytechnic University Campus
香港理工大學校園**

**The Hong Kong Polytechnic University
Campus Expansion at Ho Man Tin Slope**

香港理工大學
何文田斜坡校園擴建工程

View of the Building (Artist's Impression) 外觀構思圖



香港大學醫學院教學地點
The University of Hong Kong
Faculty of Medicine Teaching Venues
工地平面圖 Site Plan

