



Under Pressure

Squeezing more and more users,
demands,
and growth
into the same Library space



Q&A

Who Am I?

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Q&A



Space, Capacity, Choices, Planning

- All libraries are in a constant state of flux
- Everything changes – and is influenced by other changes

Mission and Goals – institutional, local, regional, international

Market – competition, jobs, demands

Politics – institutional, local, regional, international

Pedagogy
how students study,
how faculty teach

Budget – always and forever centered

Population
institutional, local,
regional, international ?

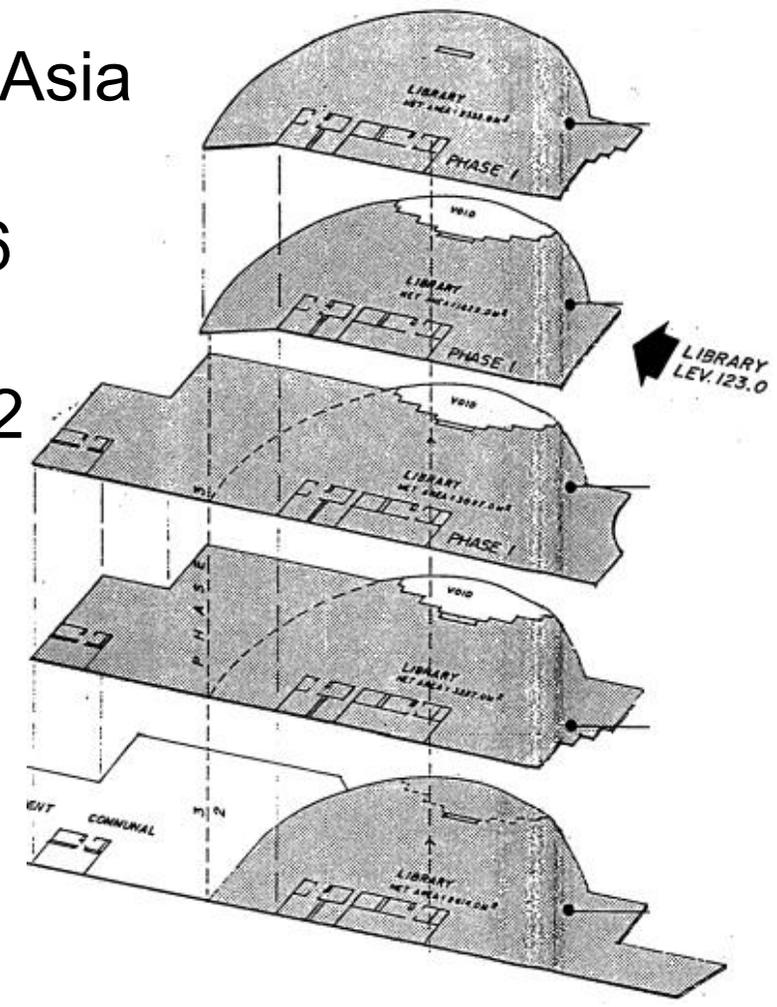
Technology – information access, space design, user expectations, cost

More more more ...



HKUST Library Building Overview

- Opened in 1991 with 3 floors
- 4th and 5th floors opened with campus expansion
- Largest open-access compact shelving system in Asia
- Building frame for future addition, now complete
- Reference Shelves -> Information Commons 2006
- More Shelves -> IC Expansion 2009
- Shelving Space Swap -> Learning Commons 2012
- 3rd Entrance and additional study space 2024
- Medical Library 2027 ?





Q&A



Remember the days of 3-3-4

The 3+3+4 reform is a worthy investment that will bring lasting benefits to our future generations. Your participation and support are essential for successful implementation. We welcome your suggestions and cherish every opinion that you give us!

Professor Arthur K.C. Li
Secretary for Education and Manpower



Remember the days of 3-3-4 ...

Recurrent cost in the tertiary sector

6.10 Moving from a three-year to four-year undergraduate programme, the tertiary sector as a whole will have to provide a net increase of 14,500 places based on the current average student intake. Taking into account the economy of scale as well as the different learning approaches for an integrated four-year programme to be worked out by the tertiary institutions, it is estimated that the tertiary sector would require about \$1.8 billion per annum to fund and sustain the reform on full implementation of the new

From UGC Annual Report 2012-2013

THE "3+3+4" NEW ACADEMIC STRUCTURE

[3+3+4] 新學制

"3+3+4"- RELATED CAPITAL PROJECTS
AND CONSEQUENTIAL IMPROVEMENT WORKS
CARRIED OUT BY UGC-FUNDED INSTITUTIONS

教資會資助院校為「3+3+4」學制
而進行的基本工程及相應改善工程



3 of 3-3-4 ...



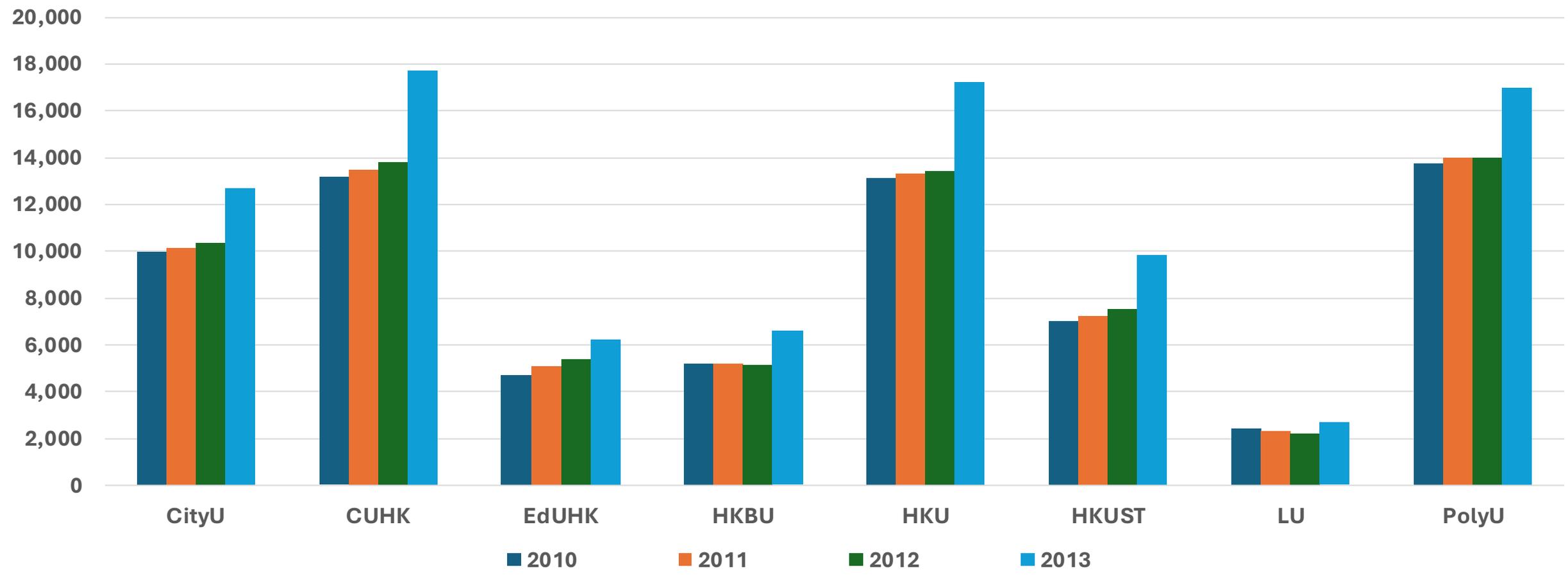
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334 Growth in Student Population

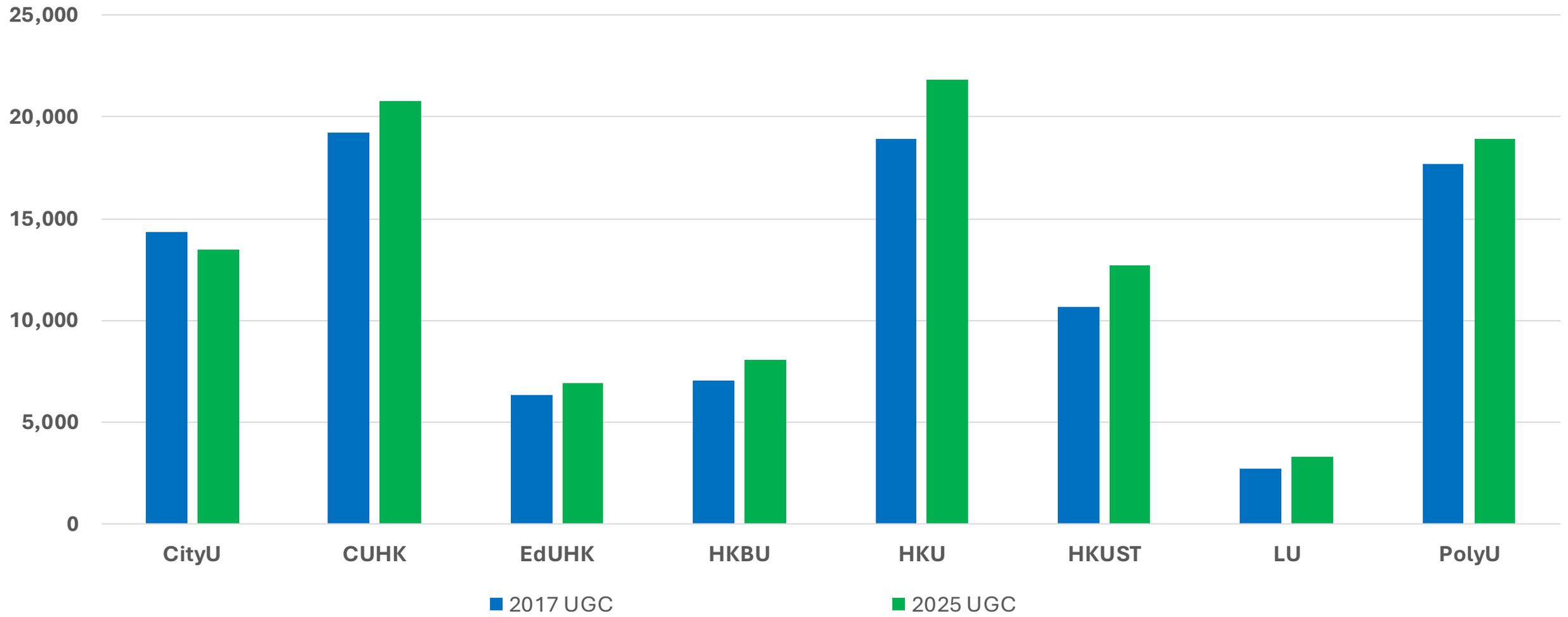
Student FTE data from UGC website





Students after 3-3-4

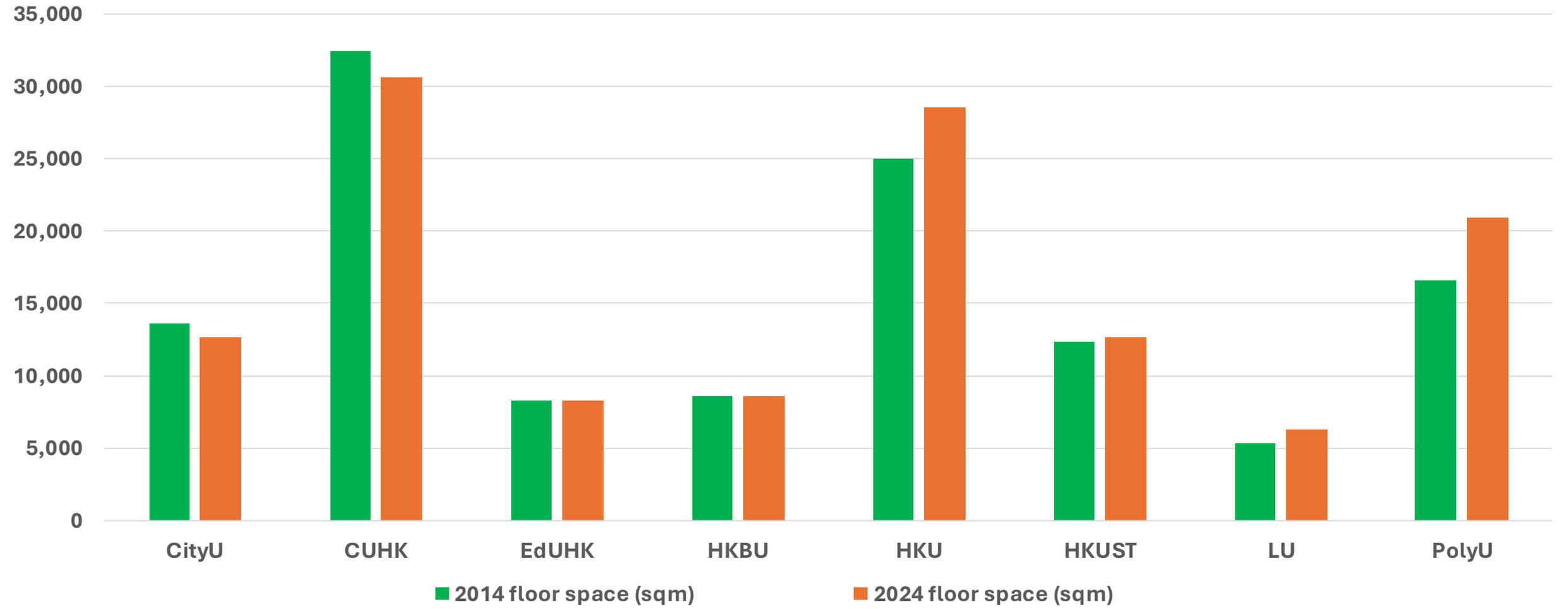
Student FTE from JULAC Statistics





Space after 3-3-4

Net Change in Floor Space 2014-2024 from JULAC Statistics





Q&A



Space Provision

- Complex formulas – Space calculations
- PBVE – Physical Book Volume Equivalents – shelving space permitted
 - Pressure/Need/Desire : Convert Shelving to Study Space
- FTS – space allocated for full-time students and staff (FTS \neq #students)
- 2000 - Governmental Space Allocation Study – HKUST has too much?
 - Study Flaws raised
- Explore – what is not counted against allowance?



HKUST situation and actions



Q&A

Space Pressures @ HKUST



myNEWS

Latest China Economy HK Asia Business Tech Lifestyle People & Culture World Opinion

“The Education Bureau estimates that the number of Form One students aged 12 will drop from 58,800 in 2025 to 49,800 in 2031,” Ida Lee Bik-sai, deputy secretary for education, wrote in Insider’s Perspectives, the bureau’s online blog.



Q&A



Library Building with Extension for '334'





How does HKUST handle Space Pressures?

- In the absence of space, HKUST Library's focus has been on
 - Efficiency
 - Optimization
 - Repurposing
 - Responsiveness



More Space Pressures @ HKUST

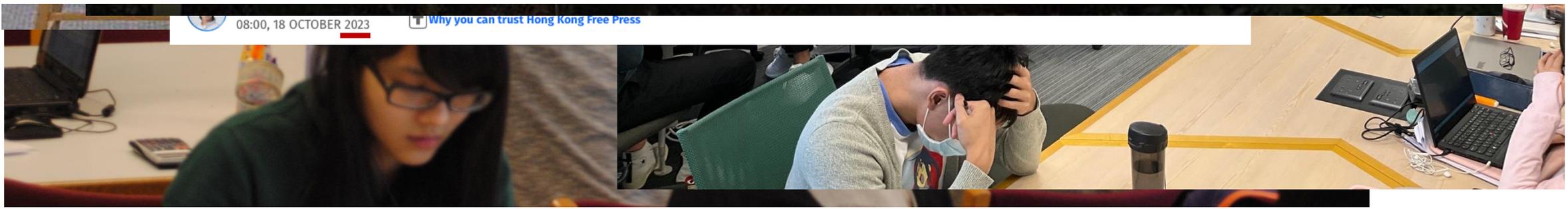


Universities in Hong Kong welcome more non-local students after city doubles intake limit

Baptist University says number of first-year, non-local students for 2024-25 to increase by nearly 200 per cent from last year

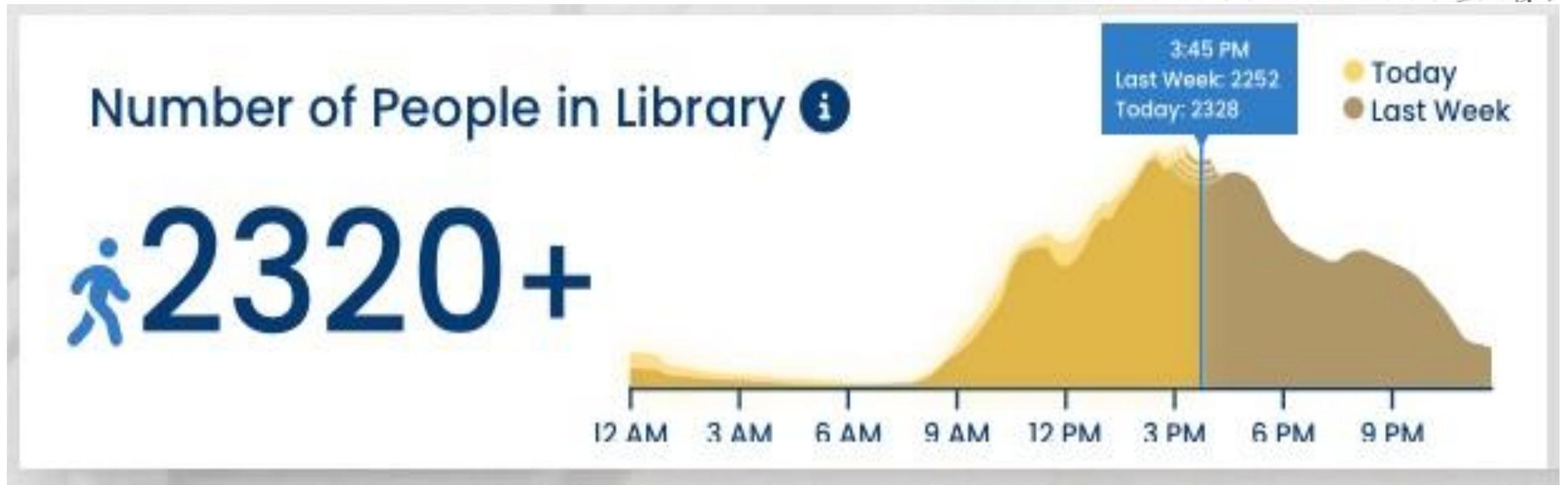
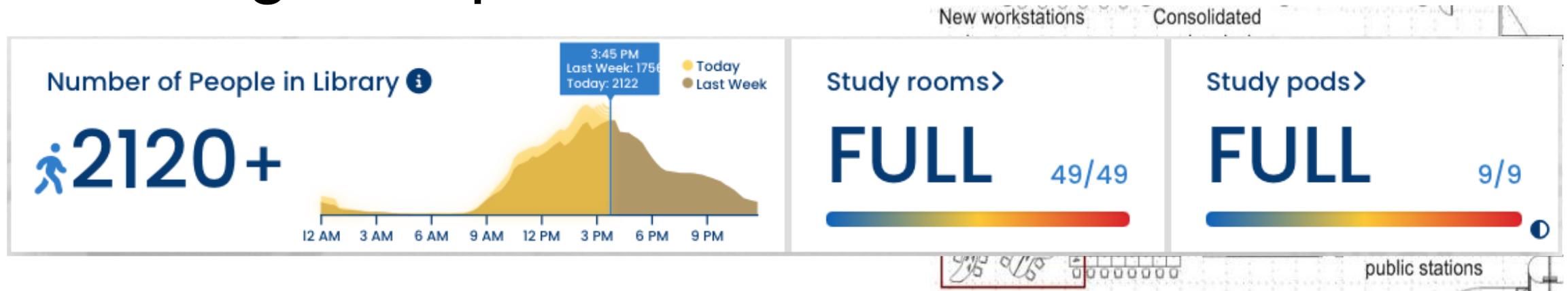
Reading Time: 3 minutes

Why you can trust SCMP





Growing Group Work / E-Resources / Demands





Q&A



Space Optimization Choices

- Don't just maximize seats
 - Maintain / enhance quality of environment
 - Maximize Utilization of Existing and New Facilities
- Reallocate / Reprovision Existing Space
 - Shelving to study space
 - Shelving to Compact Shelving (second hand)
 - Store Rooms to Group Rooms
 - Physical Course Reserve to Special Collections Gallery
 - Gravel Rooftop to Garden Study
 - Most Recent : Microforms to Study Pods





Case Example : Microforms →



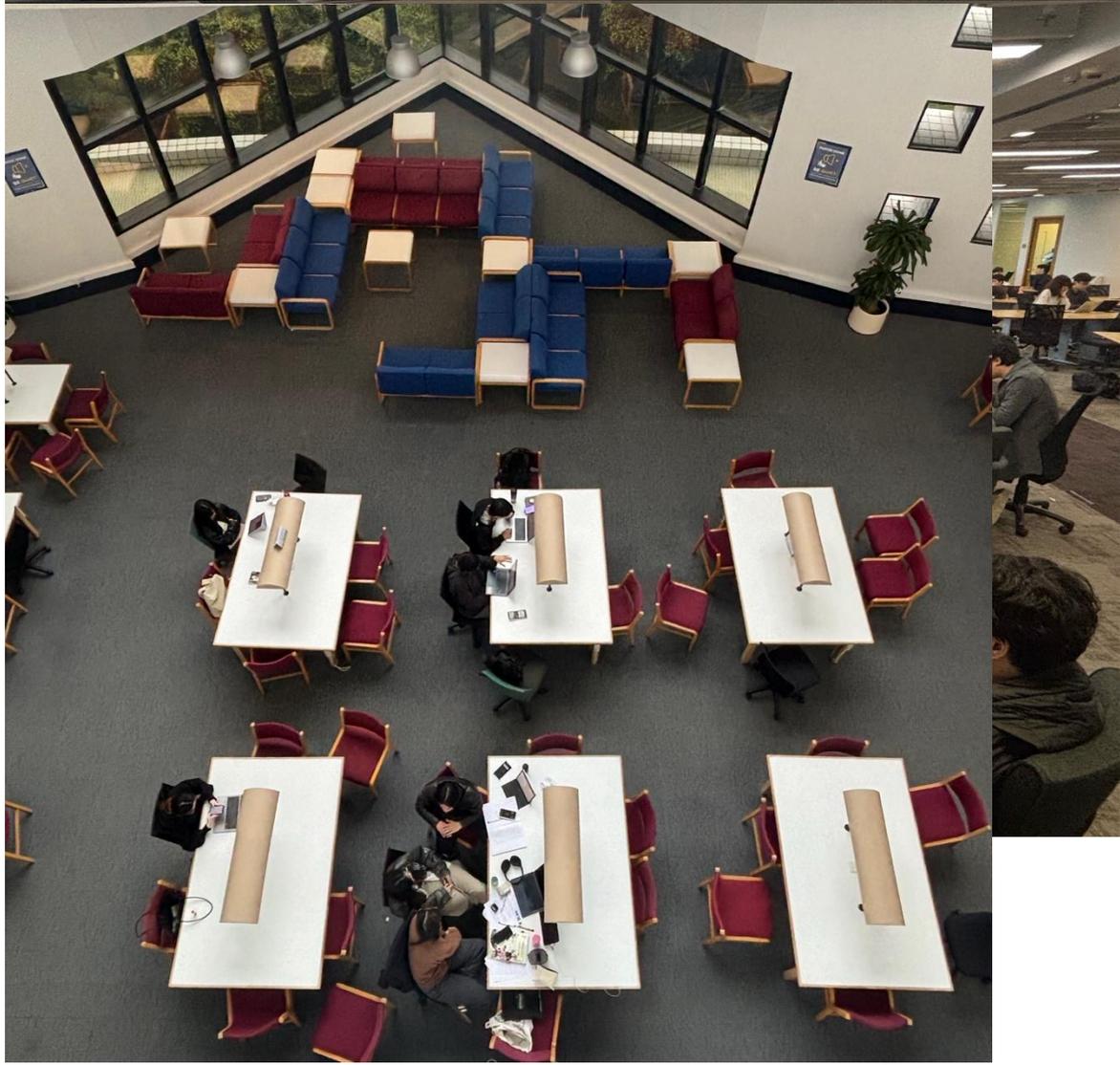
readers on



Q&A



Case Example : Changing to Carrels



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Q&A



Summation: Were you right? Are you done?

- Do your plans meet expressed or visible needs/desires?
- Keep Revisiting Mission and Strategic Goals
- There is no substitute for actual communication with users and potential stakeholders.



Are you hearing us?