

An aerial photograph of Hong Kong, showing a dense urban landscape with numerous skyscrapers and buildings. The city is situated on a peninsula, with a large body of water (Victoria Harbour) in the center. In the background, there are mountains and a hazy sky. The text is overlaid on the top left of the image.


Meeting of the Real Estate & Infrastructure Committee (REIC)

Panel Discussion

5 October 2022

Data Centre Development in Hong Kong


Why Hong Kong is a Prime Location for Data Centre?


Strategic location 


Robust ICT Infrastructure
World competitiveness-Digital Ranking 2021
Internet bandwidth speed ranked 2nd 

Safe and reliable city 

Pro-Business Environment 

Supreme reliable power supply (99.999%) and low tariff 

Sound Legal System 

Home to > 1,400 regional offices and headquarters of global corporation 



Source: TeleGeography Submarine Cable Map 2022

Hong Kong - Prime Location for Data Centre



2022 Global Data Centre Market Comparison
Asia ranking as 2nd, world ranking as 6th



2021 World Competitiveness Yearbook
Average broadband speed ranking as 2nd



2020 Cloud Readiness Index
Asia ranking as 1st



Concessionary Measures

Introduced in 2012 to facilitate and promote data centre development

Concessionary Measures (CMs) contributed ~27%

Waiver Fee Exemption for Change in Use of Parts of Existing Industrial Buildings (CM1)

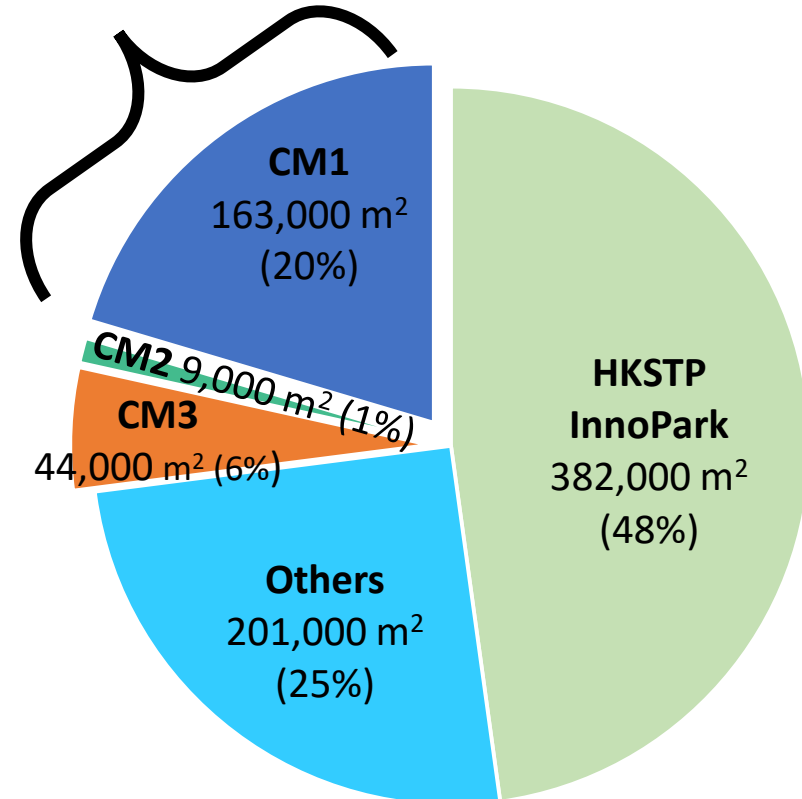
- Exempt the waiver fees for issuing waivers
- Change in use of parts of industrial buildings
- For **all tiers** of data centres

Tailor-made Lease Modifications of Industrial Lots for Data Centre Use (CM2)

- Tailor-made land lease conditions
- Redevelopment on industrial lots
- Premium assessed based on high-tier data centre use
- For **high-tier** data centres

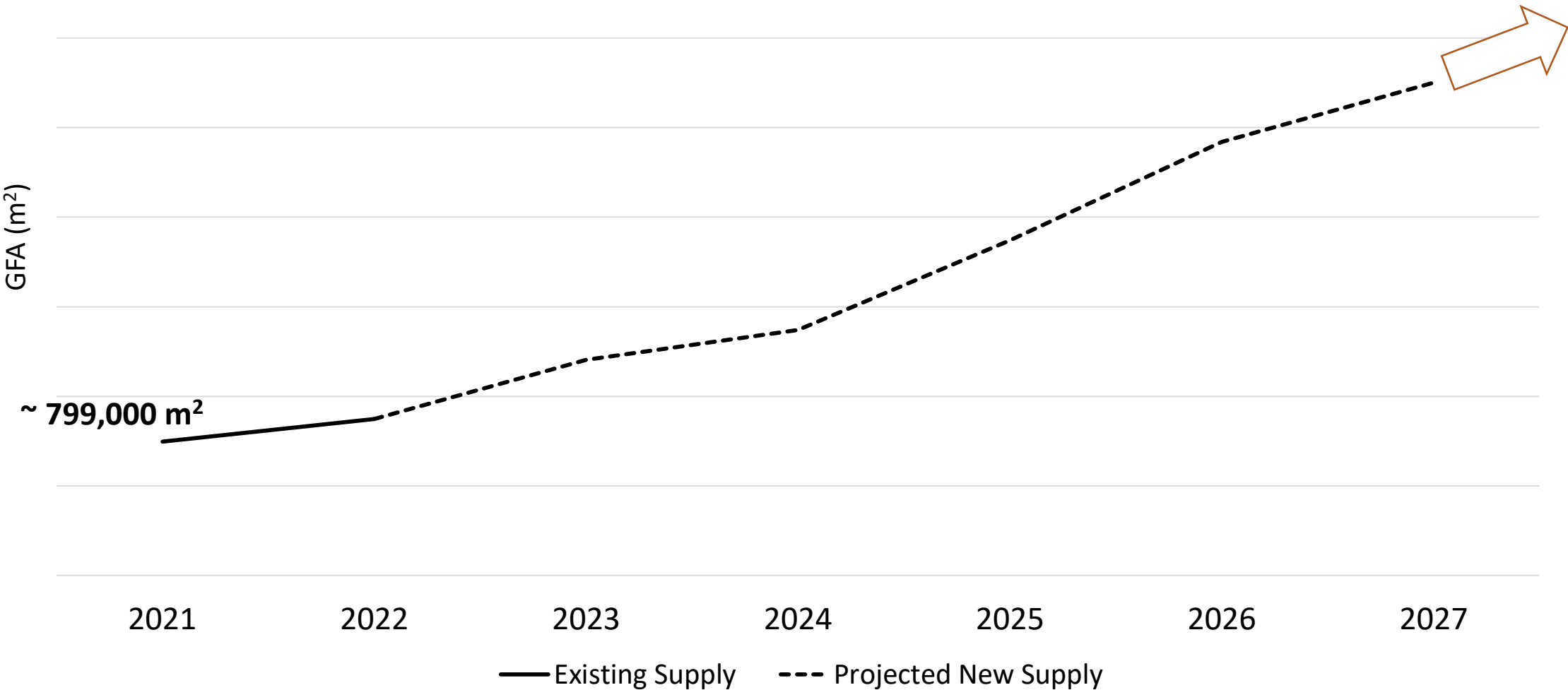
Conditions of Sale for Dedicated Sites for Data Centre Use (CM3)

- Tailor-made conditions of sale
- Dedicated sites for higher-tier data centre use
- Tender reserve price based on high-tier data centre use
- For **high-tier** data centres

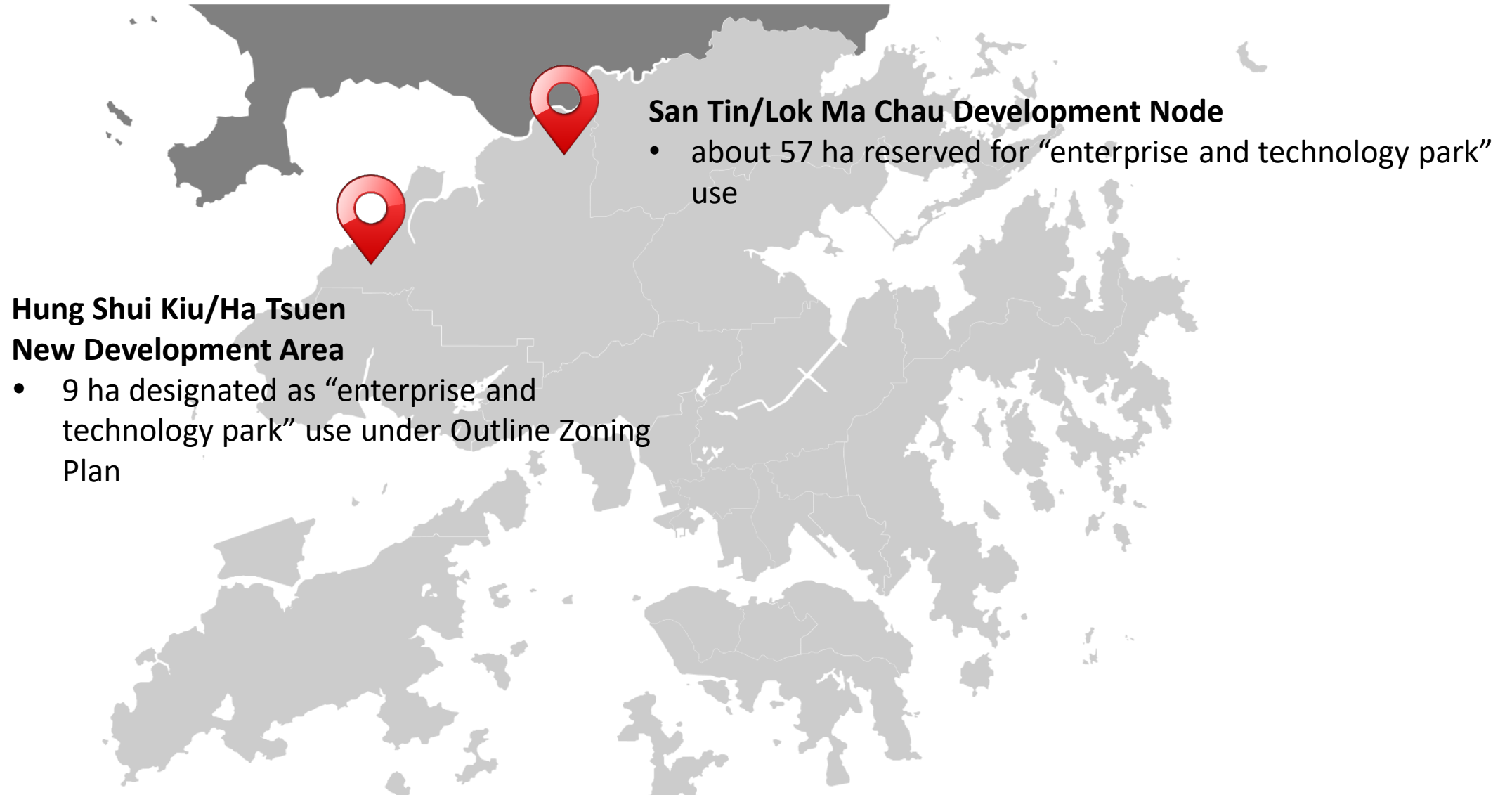


Data Centre Floor Space : ~ 799,000 m² (2021)

Projected Data Centre Supply in Near-Term (up to 2027)

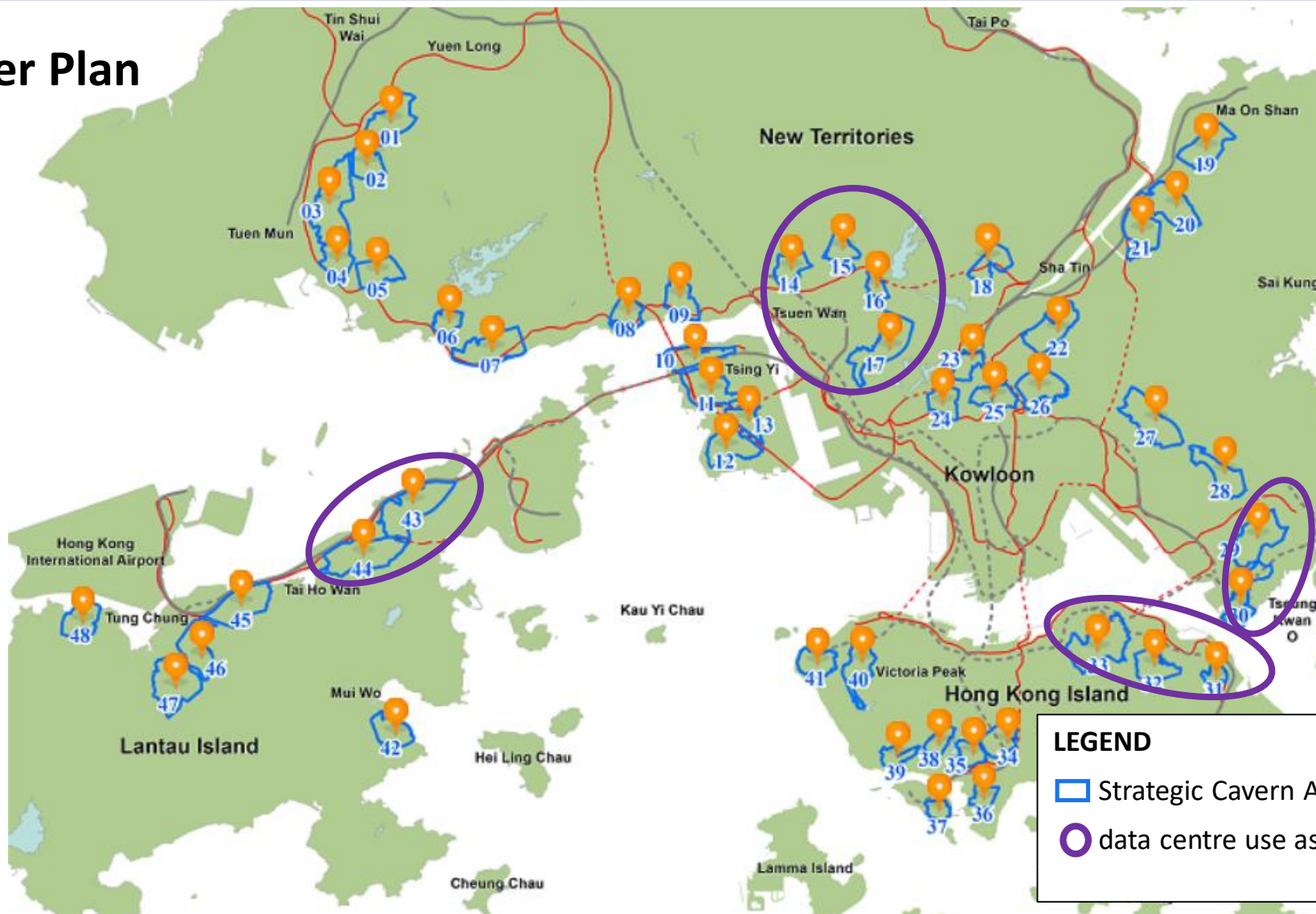


Potential Medium-term Land Supply (1)



Potential Medium-term Land Supply (2)

Cavern Master Plan

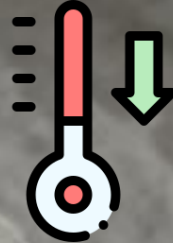


Cavern Data Centre Development

Excellent physical security



Stable and cool operating environment



Energy saving



Preserving ecology on surface land



Release of surface land for other beneficial uses



- Positive feedback from the industry
- To showcase the cavern data centre to demonstrate technical feasibility and benefits for operating data centre in underground facilities

Green Data Centre

Green Data Centres Practice Guide

Version 1.0
03.2020

BEAM
建築環保評估協會

- **Green Data Centres Practice Guide** addresses energy efficient data centre design, procurement, operations and disposal
- **BEAM Plus Data Centres** for the assessment and improvement of energy efficiency and green performance of data centre



An aerial view of Hong Kong, showing the dense urban landscape with numerous skyscrapers and residential buildings. The harbor is visible in the middle ground, with many boats and ships. The background features green mountains under a clear blue sky.

Thank you

Data Centre Facilitation Unit

Visit us at

Website: www.datacentre.gov.hk

Email: datacentre@ogcio.gov.hk

Tel: (852) 2961 8030