

Hong Kong Global gateway

City data report 2021

OVERVIEW

Hong Kong is digitalizing to strengthen its unique position as a business gateway between mainland China and the rest of the world.

DIGITALIZATION READINESS

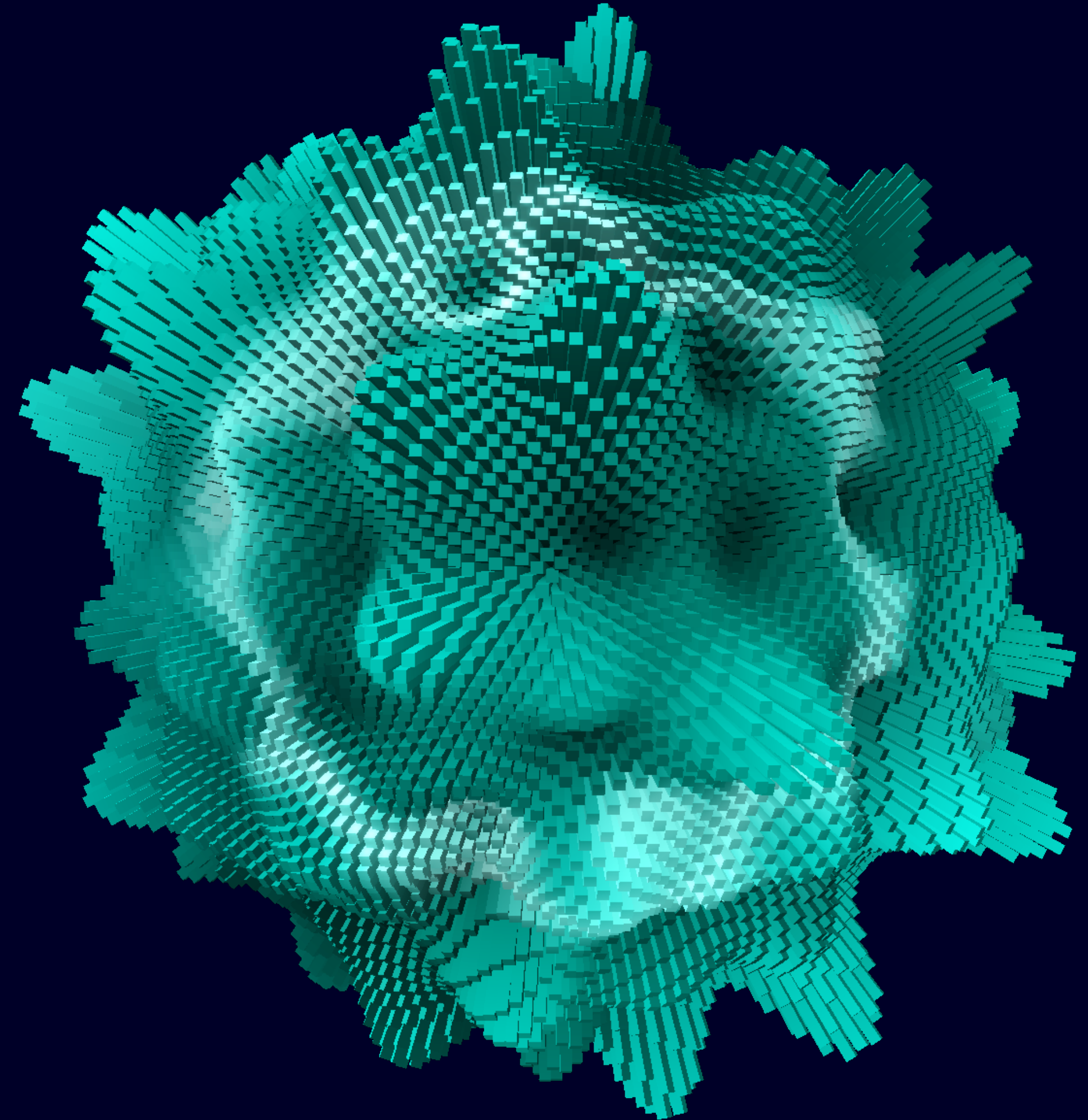
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Businesses and citizens are benefiting from Hong Kong's focus on creating flexible digital infrastructure, including early adoption of 5G.

DIGITALIZATION POTENTIAL

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The city is working hard to attract new technology businesses, and encouraging research and development that will support its future.

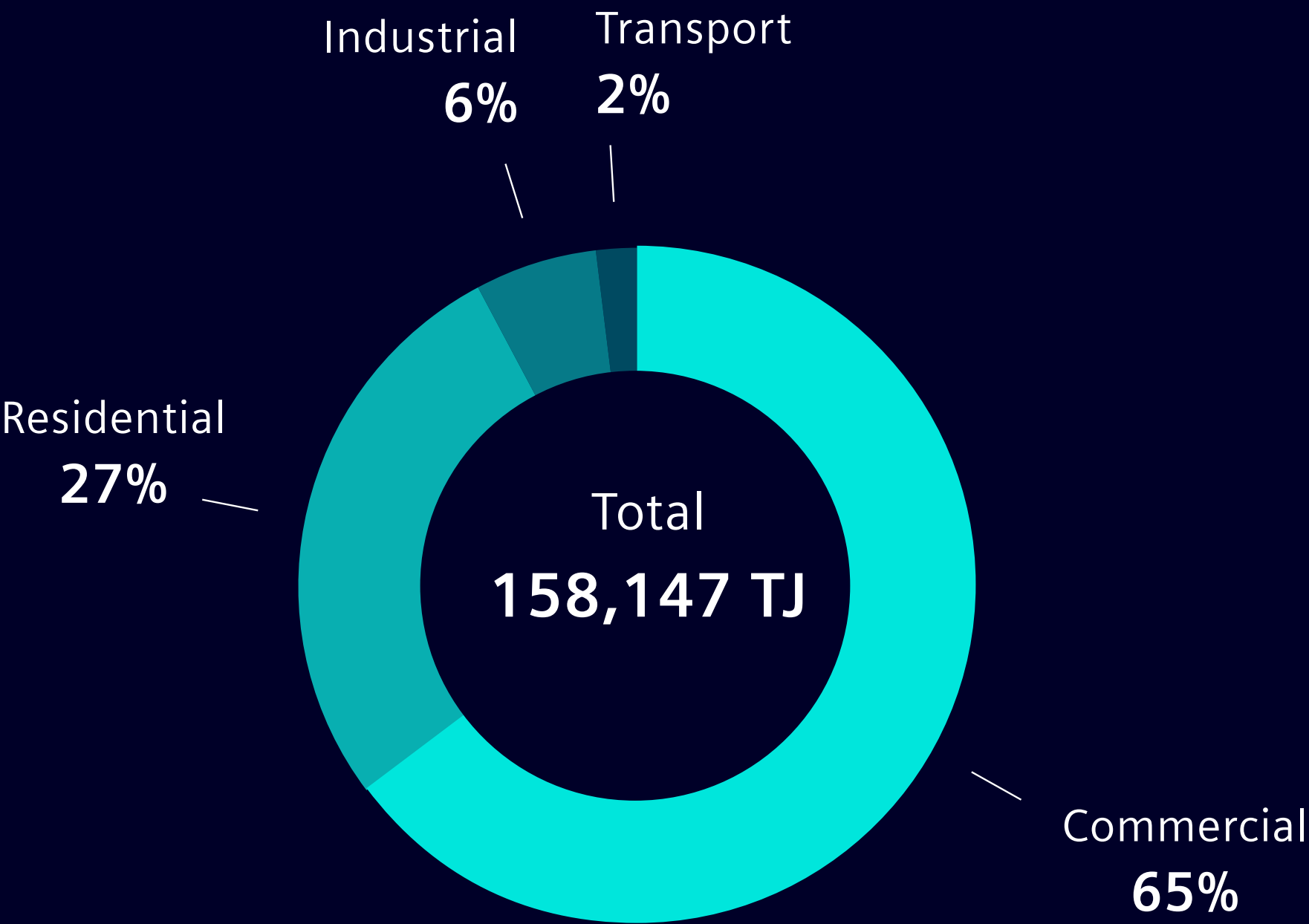


SUSTAINABILITY

Building efficiencies

Buildings account for 60% of Hong Kong’s carbon emissions, and the city is keen to improve their energy efficiency using smart technology. For example, Siemens is helping businesses to optimize HVAC using the **Demand Flow** system, which offers a 95% prediction accuracy on load demand and power consumption. This capability is particularly valuable for Hong Kong’s many data centers.

Electricity consumption by sector in Hong Kong, 2014



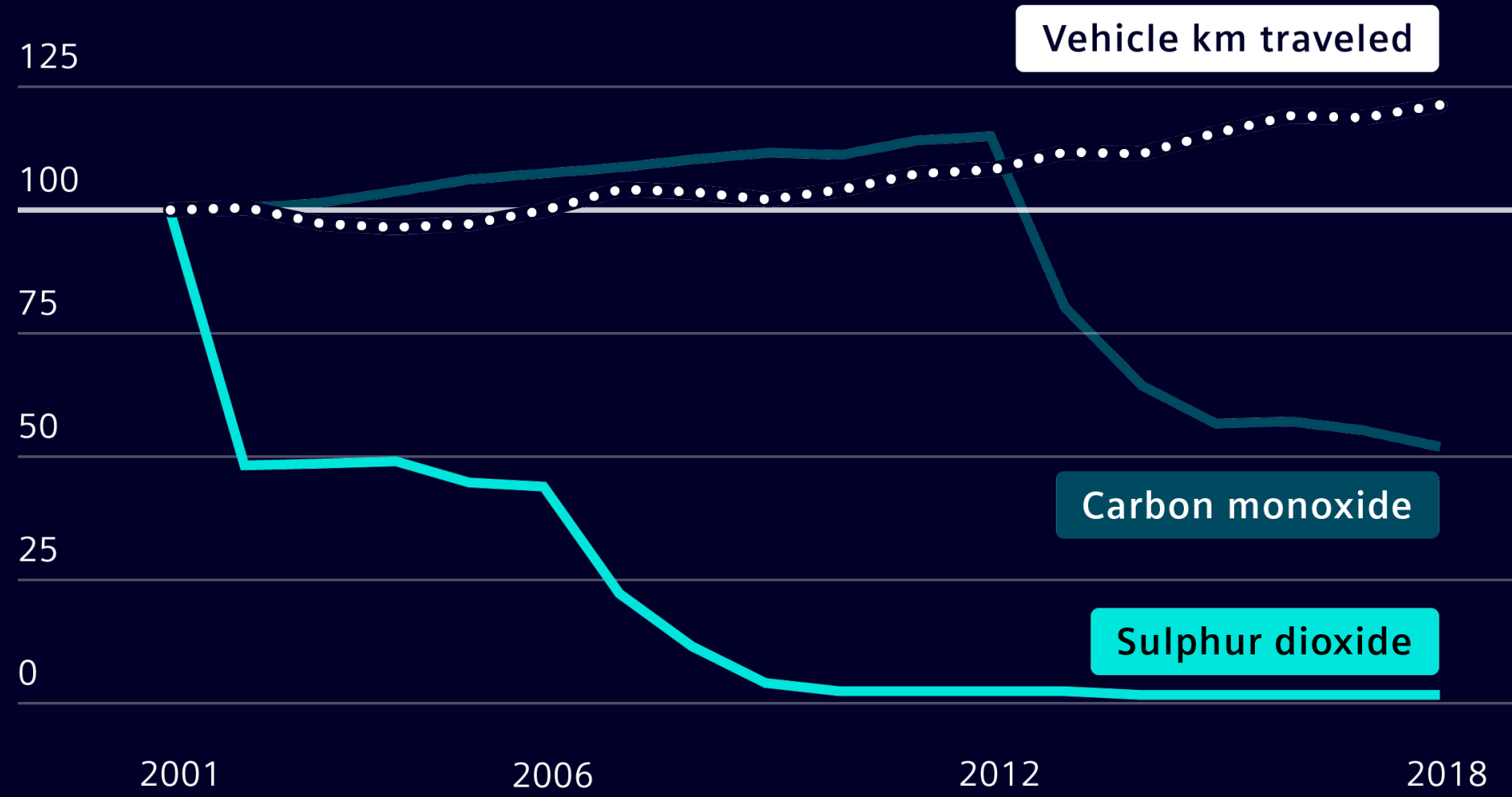
Source: **Hong Kong Climate Action Plan**

MOBILITY

Generating insights

The **Smart City Blueprint 2.0** champions smart mobility as a way to address these challenges, with emphasis placed on the need for relevant and accurate data. Siemens is helping to develop a Traffic Data Analytics System that uses **modeling and prediction** to find new solutions to enhance traffic management and efficiency. This innovative, AI-based approach will help Hong Kong to transform its road ecosystem for the benefit of businesses and citizens.

Road vehicle km traveled / emissions per year (index: 2001=100)



Source: **Hong Kong Environmental Protection Department**

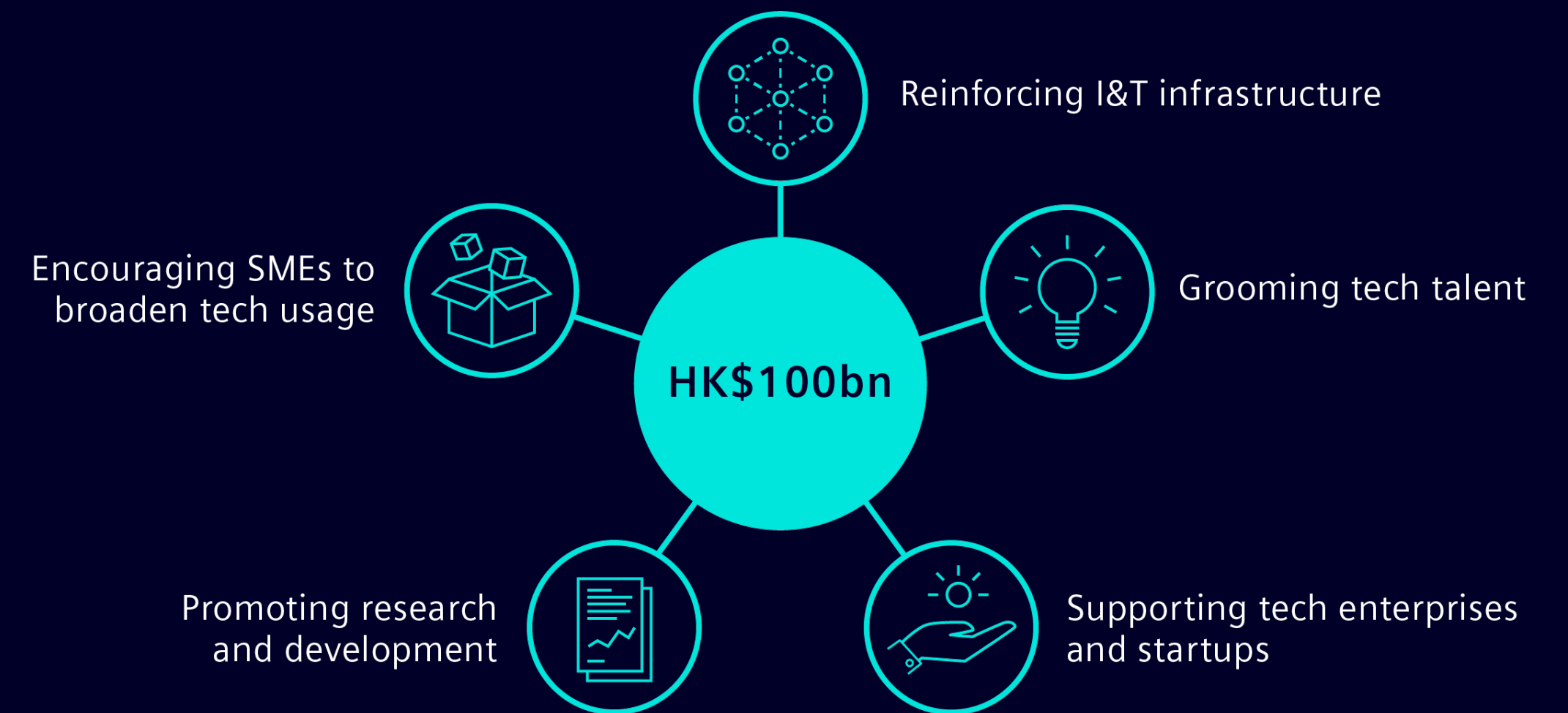
OPPORTUNITY

Investing in technology

Hong Kong continues to encourage **foreign investment**, having solidified its reputation as one of Asia's leading business hubs. As a result, a vast array of international companies have established a presence in Hong Kong to capitalize on its unique position as a gateway to mainland China.

To meet the needs of modern businesses, the Government has allocated almost \$130 billion to digitalization initiatives since 2017, and encourages businesses to broaden their use of technology for their own and the city's benefit. One outcome was that Hong Kong became one of the world's earliest adopters of 5G technology.

Hong Kong is investing in technology infrastructure



Source: **Invest Hong Kong**

THE ATLAS OF DIGITALIZATION



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