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Redefining solutions for a digital world

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Surging data demand in the new digital era

1

Hyperscalers as key driver

- ↑ **28%** CAGR of hyperscaler market from US\$80b in 2022 to US\$935b by 2032¹
- ~**80%** of new demand coming from hyperscalers in 2022²
- >**1,000** hyperscale data centres expected by end-2024, up 2x from 5 years ago³

2

Booming artificial intelligence (AI) market

- ↑ **32% YoY** Higher bandwidth and latency demands for next-gen AI applications³
~US\$126.5b by 2031⁴
- 50%** of cloud DCs projected to use AI by 2025³

3

Increasing power, density and ESG requirements

- <**1.3** PUE of new DCs in Singapore⁵
- ~**3,000x** Boost in efficiency with new technologies, eg liquid cooling³
- >**60kW** Rack densities, up from 20-40kW



Strong growth of data centres in Asia Pacific & Europe

- >**4.2x** Growth in total data centre supply from ~700 MW in 2017 to >3000 MW in 2022⁷ in Asia Pacific
- Spillover demand flowing to Tier 2 cities in Europe and Asia through 2023 and beyond⁸

Subsea cables in high demand to bridge bandwidth capacity shortfall

	Market value	Capacity shortfall (Pb/s) ⁹
Transpacific	US\$1.7b	5.7 (~285 fibre pairs/11 cable systems)
Europe-Asia	US\$2.0b	4.4 (~220 fibre pairs/9 cable systems)

Actively develop and invest in key growth engines

Turbocharge our DC & network business

Strategic growth plan

- Expanding our global footprint in APAC, Japan and Europe
- Strategic partnership in new and existing markets
- Focus on being the trusted partner to our customers
- Building scale and enabling Net Zero DC Campuses
- Pre-development inventories to meet customer demands and reduce time to market
- Next-generation DC model for rapid capacity deployment and flexibility
- Regional Data Centre Operation Management (DCOM)

Value creation

Innovation

- DataPark+ (Net Zero DC Campus) through OneKeppel collaboration
- Tropical and floating DCs
- Floating subsea connectivity hubs

Smart DC

- Deployment of AI/machine learning to focus on predictive failure analytics

Sustainability

- Continue improving DC's sustainability performance in terms of power, carbon emissions and water utilisation

Strategic extensions of our DC & network business

Creating a connectivity hub with ASEAN as the focal node

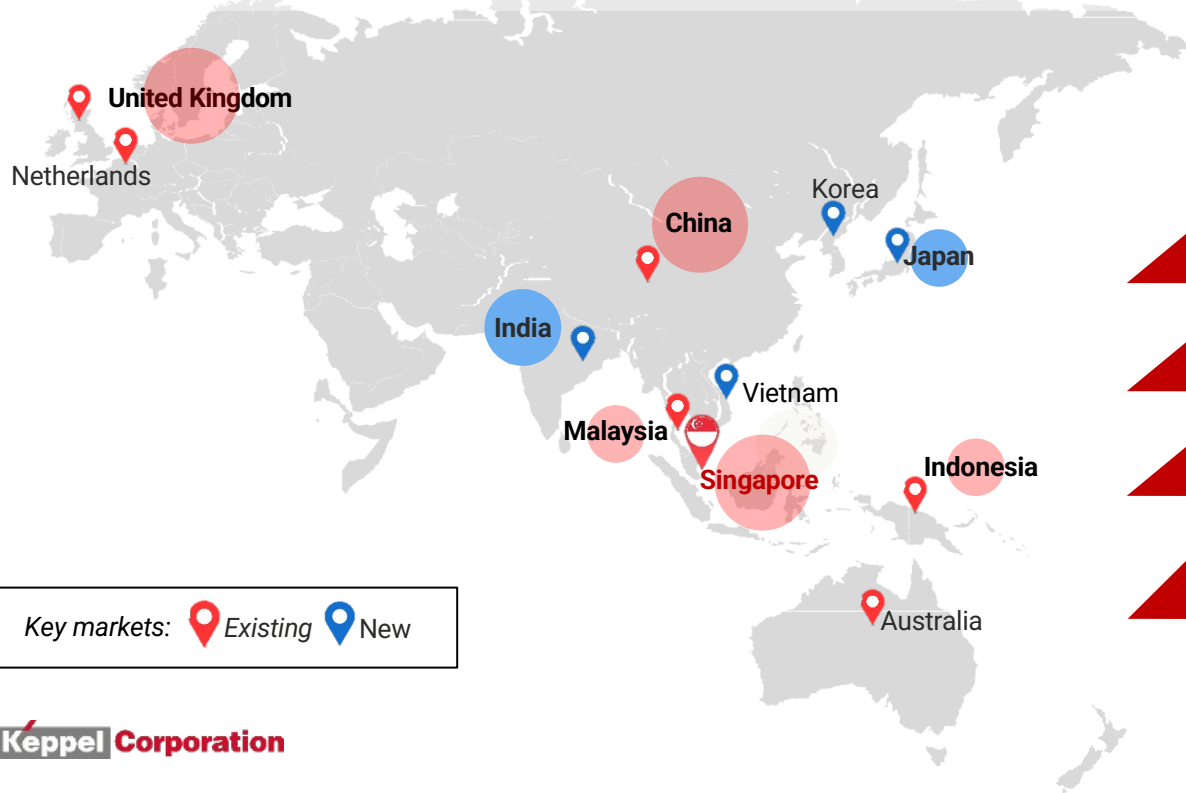
- Bifrost Cable System - Transpacific and beyond thru Intra-Asia connections to global markets

Accelerating green energy transition

- Hydrogen value chain
- Catalyst for next-generation green power ecosystems

Our operating presence and expansion plan

Established footprint across **7** countries, with **4** new target markets in Asia Pacific and Europe; highly targeted approach focused on high growth markets with strong customer demand



EXPANSION STRATEGIES

Deepen foothold in existing markets

Expand presence into new markets

Pursue M&A opportunities for growth

Strategic partnership with JV partners in new/existing markets

Continual deployment and key wins

Assets developed together with private funds

Ready for service



IndoKeppel
DC 1, Bogor



Huizhou DC,
Guangdong



Keppel DC
Sydney 1



Keppel DC
Singapore 7



Huailai DC,
Beijing

Under development



Shanghai DC 1

Total FUM

US\$2.1b

Alpha Data Centre Fund

Fully deployed; fund in harvesting phase

Keppel DC Fund II

Fund in deployment phase

Other projects with FUM conversion potential



Almere DC 2,
Netherlands



Keppel DC
Johor 1

Potential pipeline

Pursuing robust pipeline of potential development projects across Asia Pacific & Europe

DataPark+

A scalable and efficient, modular data centre park concept to support the growth of the digital economy.

ONEKEPPEL COLLABORATION - Leveraging capabilities of Real Estate and Infrastructure divisions to carry out urban planning and development of the campus and bring in net zero power and industrial water.



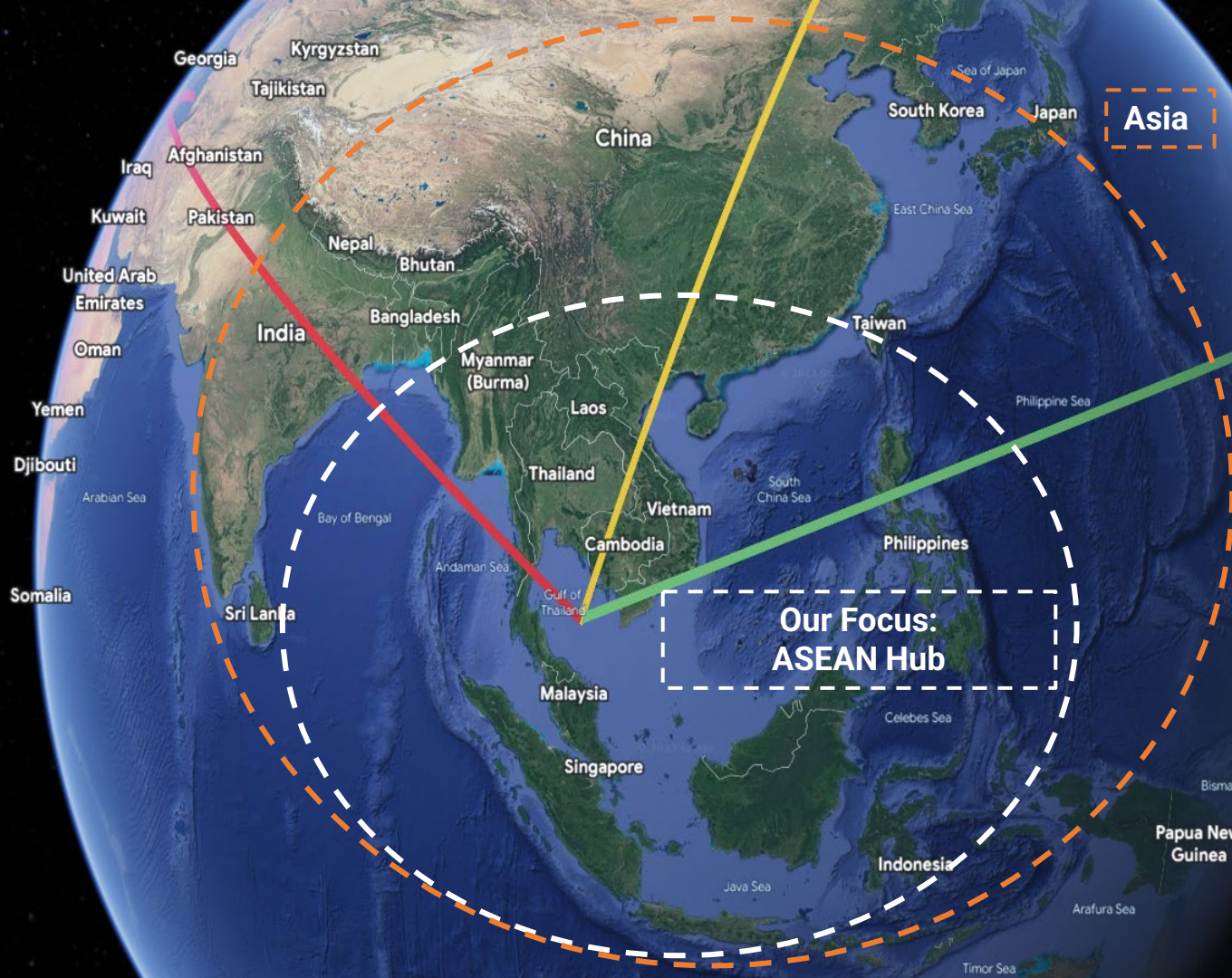
DataPark+ Architectural Master Plan (Artist Impression)

- ✓ **Net Zero DC Campus** powered by clean energy sources
- ✓ **Aggregated IT demands** deployed alongside industry partners to create a DC ecosystem
- ✓ Designed for **modular and phased deployments**
- ✓ Centralisation of utilities to achieve **energy and water efficiency** while allowing for **flexibility to scale** based on customer's specific needs

Subsea cable market trends

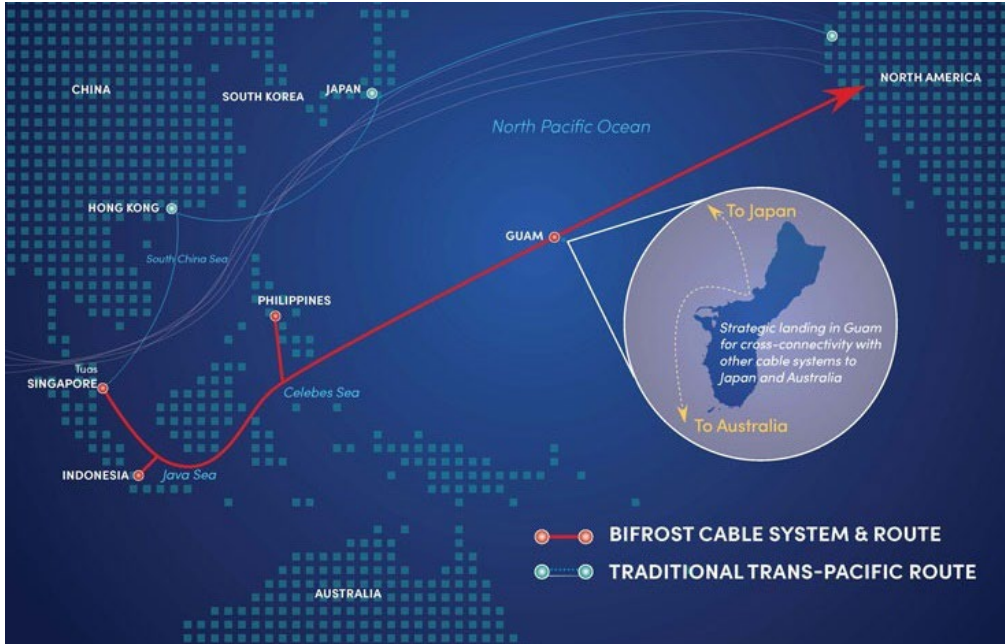
High connectivity demand across Asia, Transpacific and the Middle East

- Middle East
- Intra-Asia
- USA (Bifrost Cable System)



Bifrost subsea cable system

Enabling data centres with the world's largest capacity high-speed optical cable and subsea connectivity hub across the Pacific Ocean and beyond



Keppel's share of total project cost

~US\$350m

Achieved financial close with co-investors taking 60% stake in Keppel's share of fibre pairs

Operating & maintenance fees

>\$400m

To be earned over 25 years from the first two committed fibre pairs, upon completion in 2024



We build **trust** by delivering **reliable** and **sustainable** infrastructure **competitively**, **better** and **faster** for the digital economy.

Green x Smart x Connected = Sustainable

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