



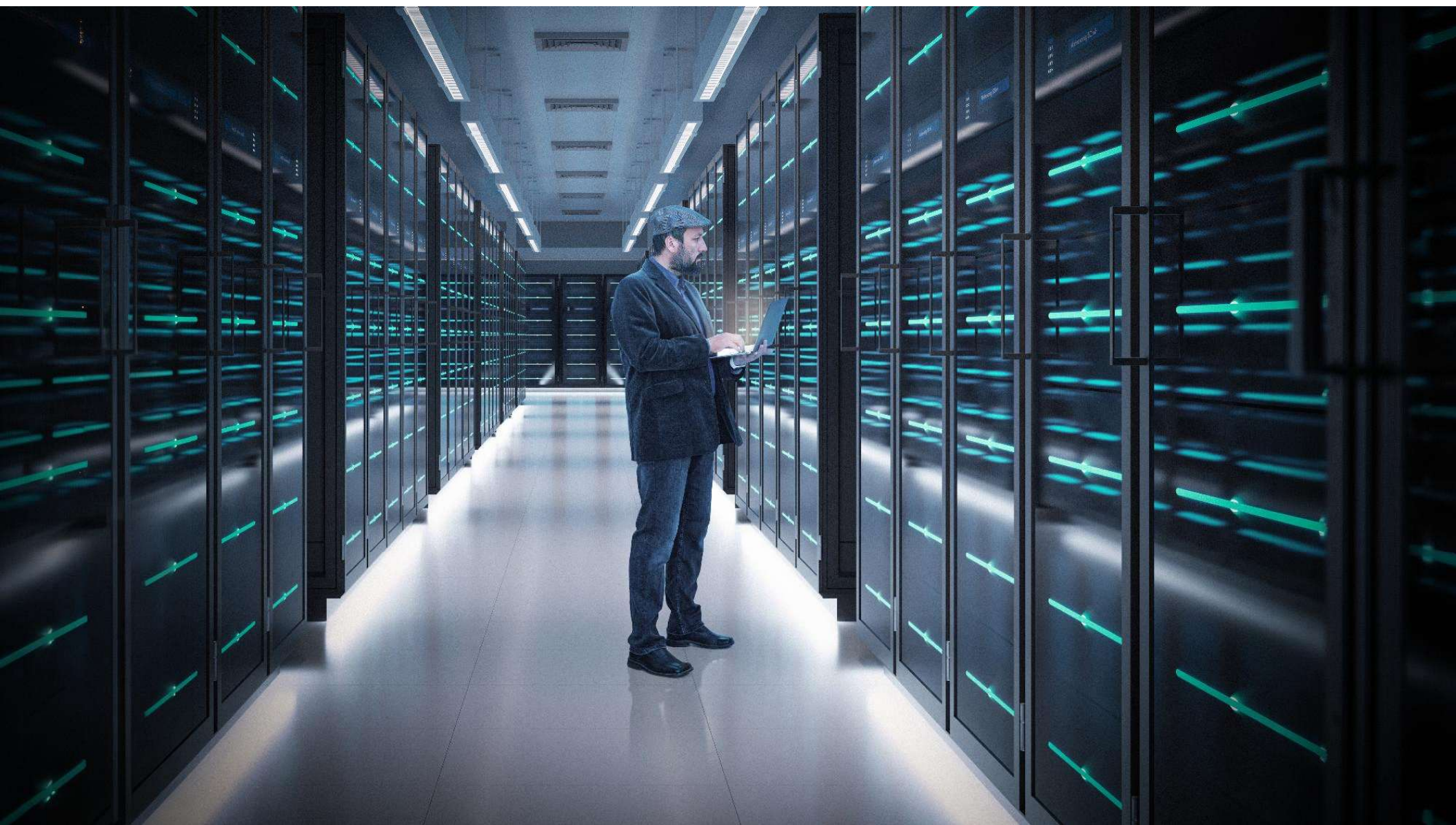
The AI surge: Capitalizing on Malaysia's data center growth and mitigating its risks

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Companies suffer major outages after fire in U.S. data center



Hundreds of South Korean government services go offline following data center fire



Banking portal outage drags into Friday afternoon, leaving some customers without deposit access



Data center disruption causes global service outages



A Chicago data center overheated—and shut down trade in key markets across the globe



Service disruption causes outage at five data centers



Cloud platform experiences outage in European cloud region due to data center “thermal event”



Lithium-ion fire causes emergency power shutdown at data center in Singapore



Fire breaks out at cloud computing data center construction site



Power failure at Sydney data center caused by storm leads to major outage

50%

of data centre operators experienced an outage
in the past three years ...

US\$9,000/minute

That's the average cost of data centre downtime
for large organizations.

Source: Forbes, "The True Cost Of Downtime;" Ponemon Institute

Data centers are experiencing unprecedented change



~20%

projected annual increase
in global demand for data
center capacity from 2023
to 2030



165%

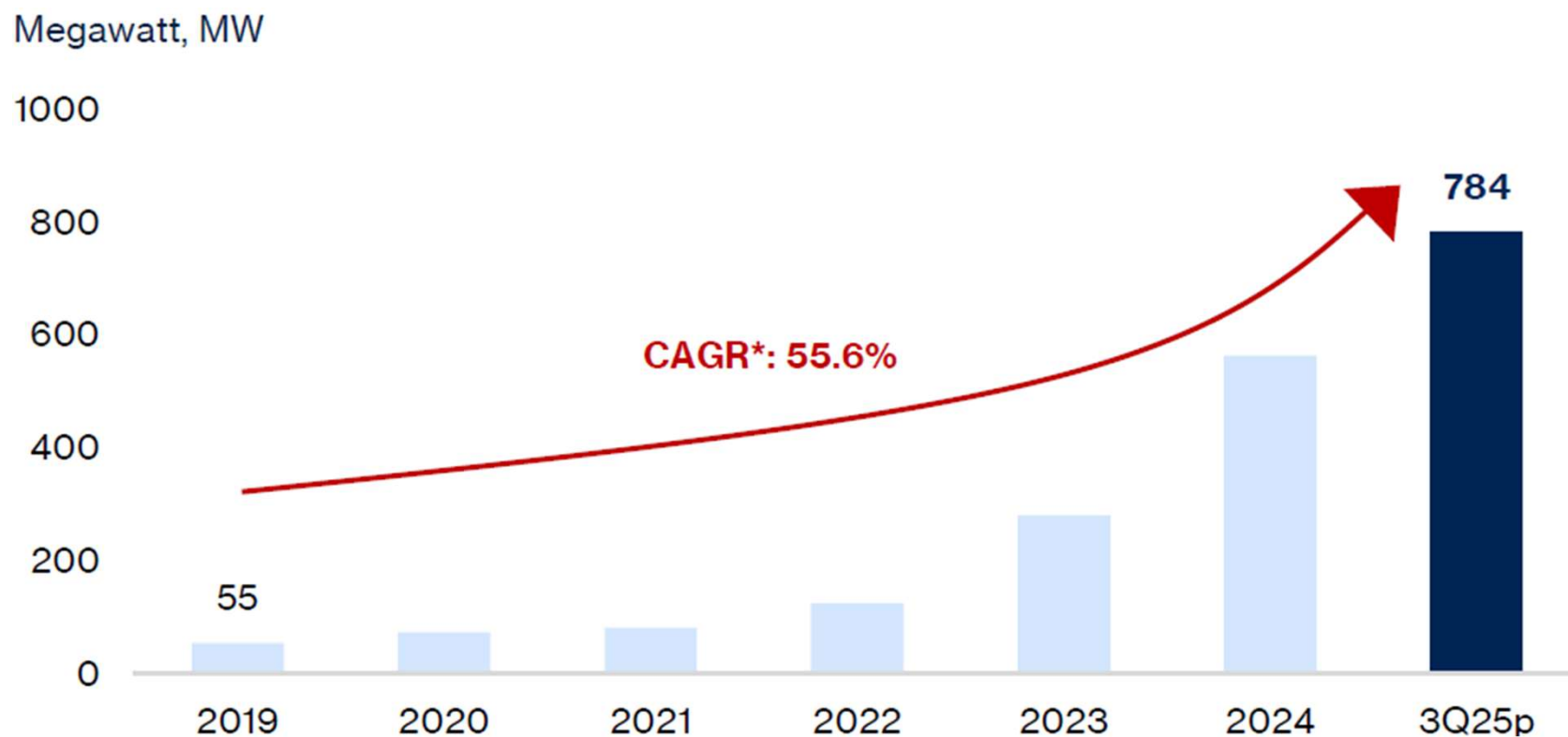
increase in global power
demand by 2030,
compared with 2023



\$US7 trillion

anticipated capital expenditure on
AI-optimized data centers by 2030

Malaysia's Data Centre Cumulative Live Capacity

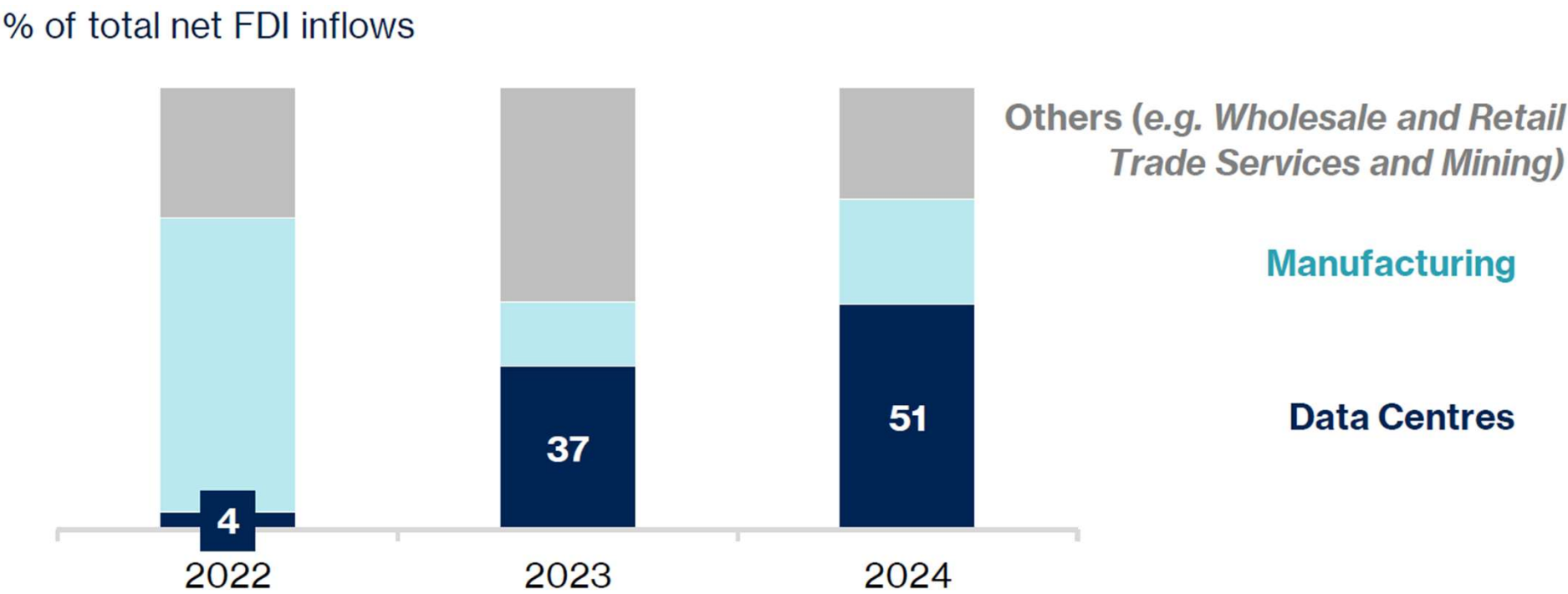


p Preliminary data as of 10 November 2025

CARG: Compounded Annual Growth Rate

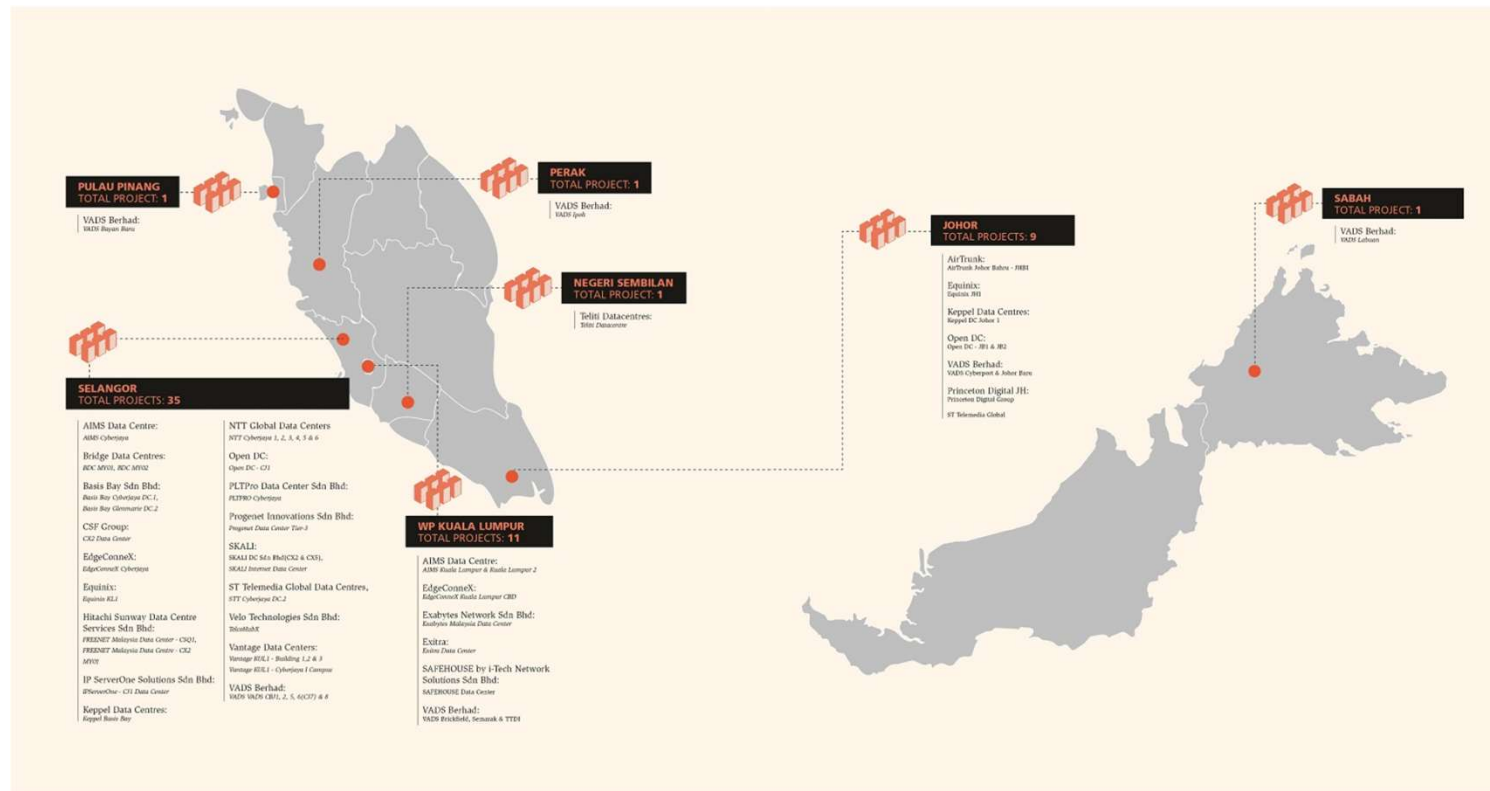
Source: DC Byte, Bank Negara Malaysia estimates

Malaysia's net FDI Inflows by Industry



Source: Department of Statistics, Malaysia and Bank Negara Malaysia estimates

Malaysia's Data Center Footprint



Source: MIDAS – Malaysian Investment Development Authority, EdgeProp

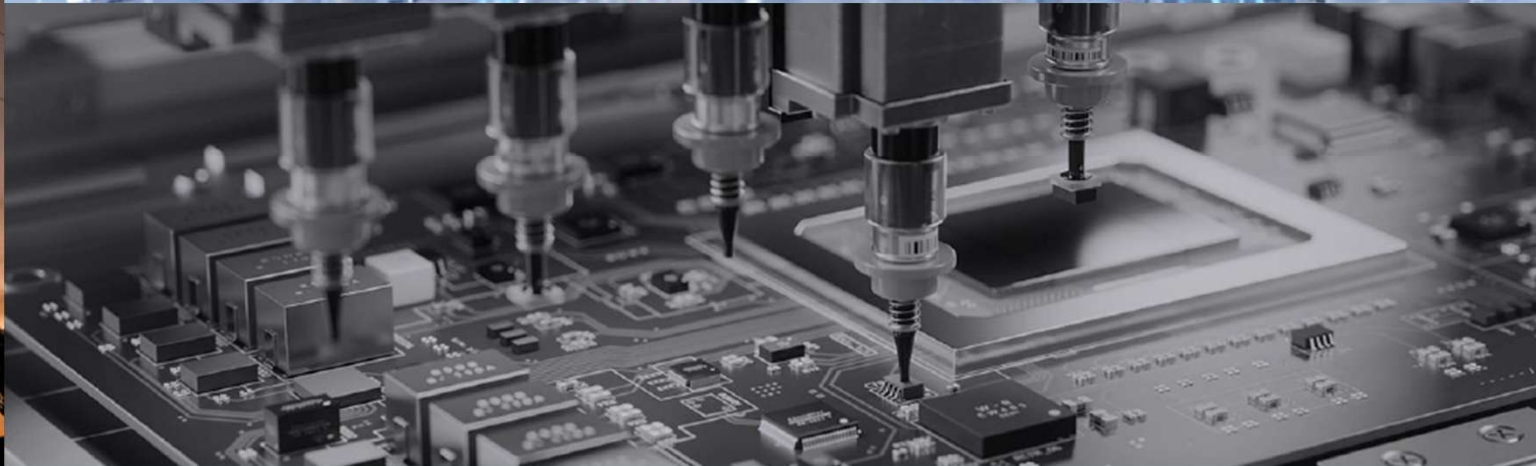
Malaysia's Key Industrial Clusters



SOURCE: JLL

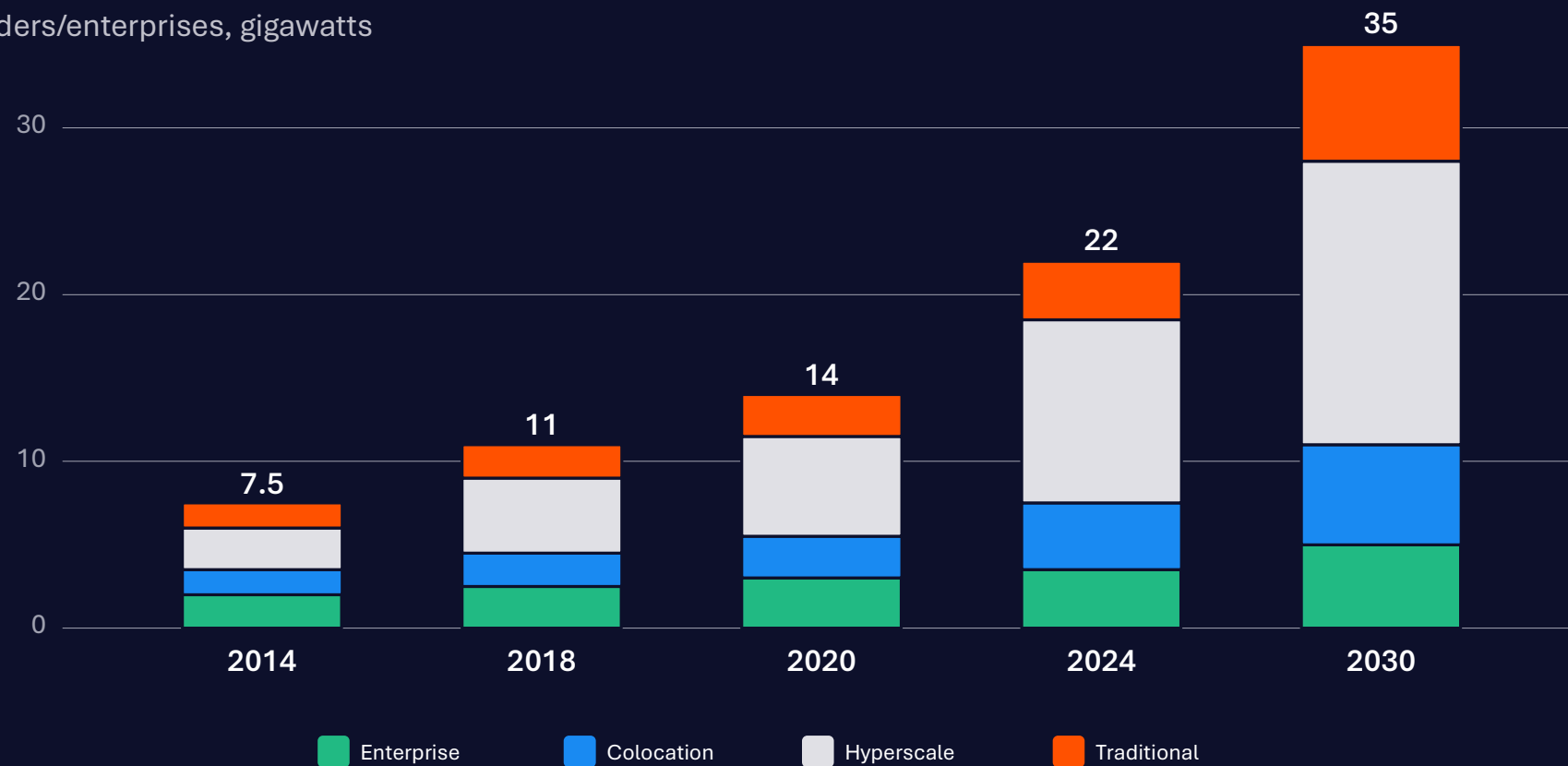
Source: JLL's "Beyond China: Asia's next manufacturing powerhouse"

The GAME of Data Center Resilience: Grid. Advanced Technology. Manufacturing Ecosystem



Data center power consumption

By providers/enterprises, gigawatts



Source: McKinsey & Company, 2023

Causes of Data Center Outages

What was the primary cause of your data center's most recent impactful incident or outage? (n=97)



Power 54%

Cooling 13%

Network 12%

IT Systems 11%

Colocation Provider 3%

Other 7%

Includes Fire, Third-party provider, Information security, Fire suppression, Not known

Advance technology – The hazards have changed



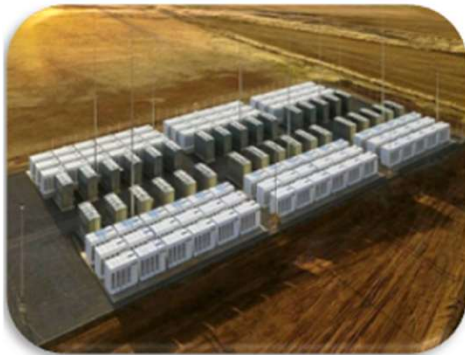
Emerging risks

- Lithium-Ion Batteries
- Direct-to-Chip Cooling
- Combustible Plastics
- Equipment Density
- Larger Open Datahalls
- Supply Chain
- Climate Perils



Lithium-ion batteries

Fire and explosion hazards



Outdoor BESS



Indoor BESS



Battery Backup Unit



Battery Storage

Lithium-ion batteries

Fire and explosion hazards

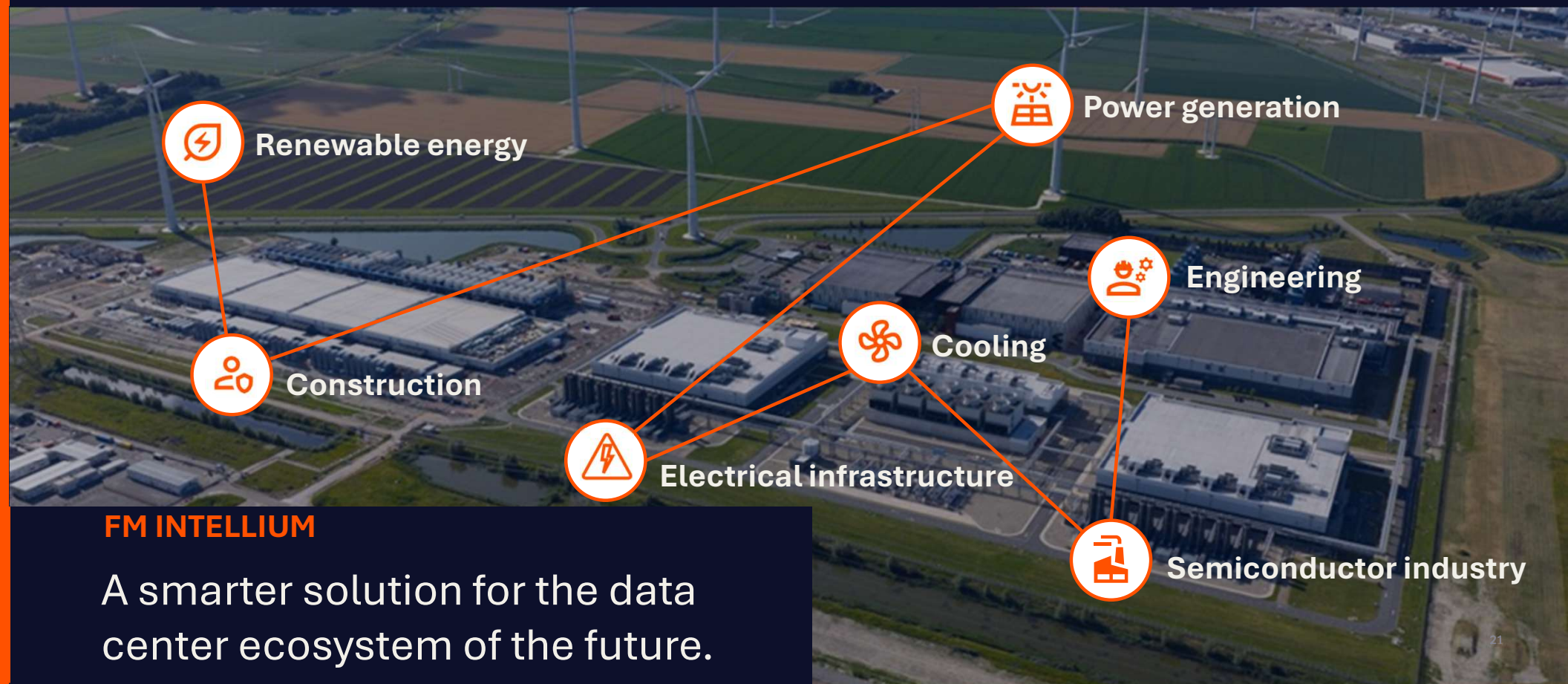


Staying ahead of emerging risks through research

- Next generation cooling
- Construction techniques and materials
- Microgrids and power infrastructure
- Future battery technology
- Impact of non-thermal damage



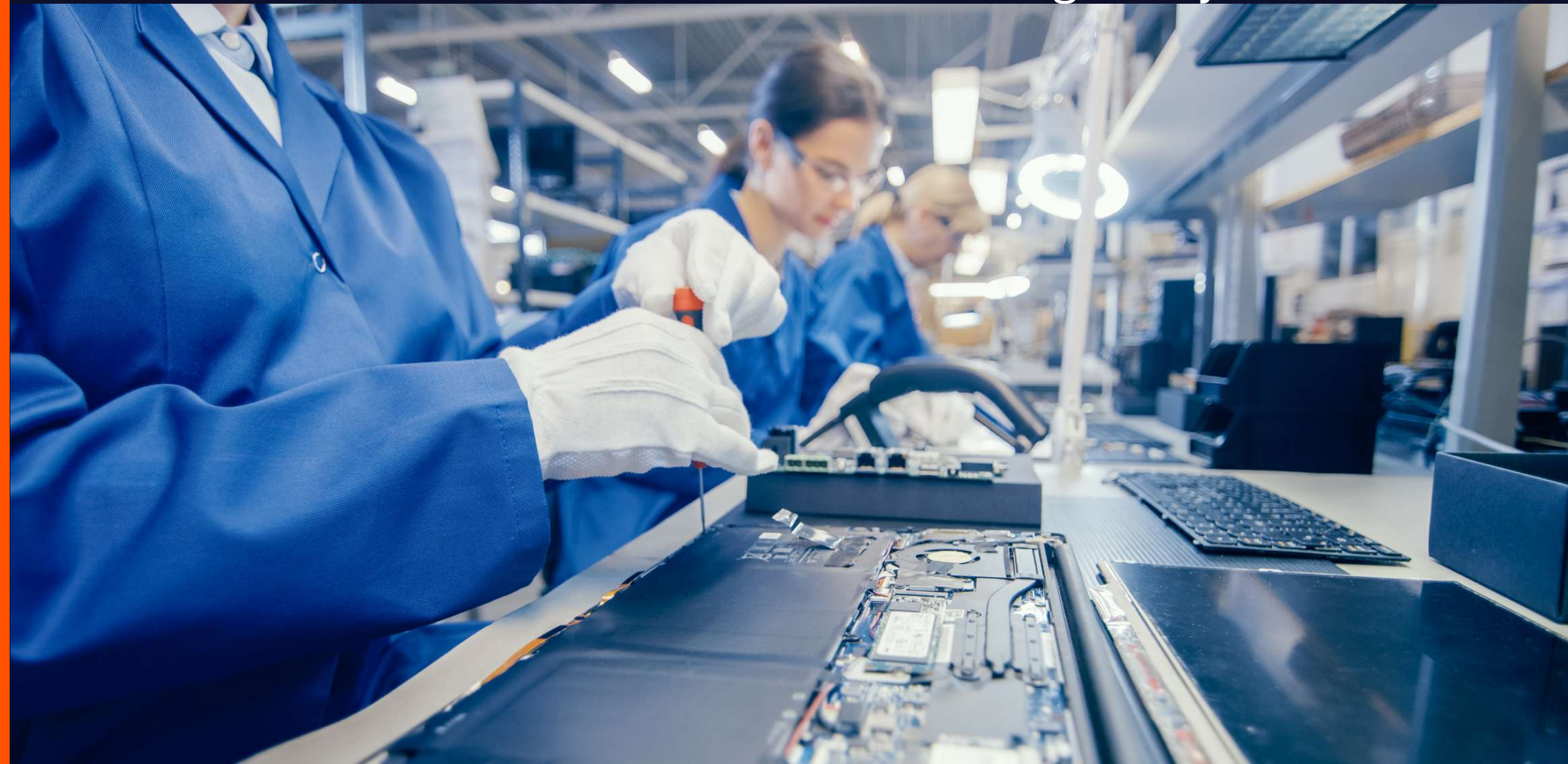
The data center ecosystem of the future is evolving and interconnected



Manufacturing Ecosystem

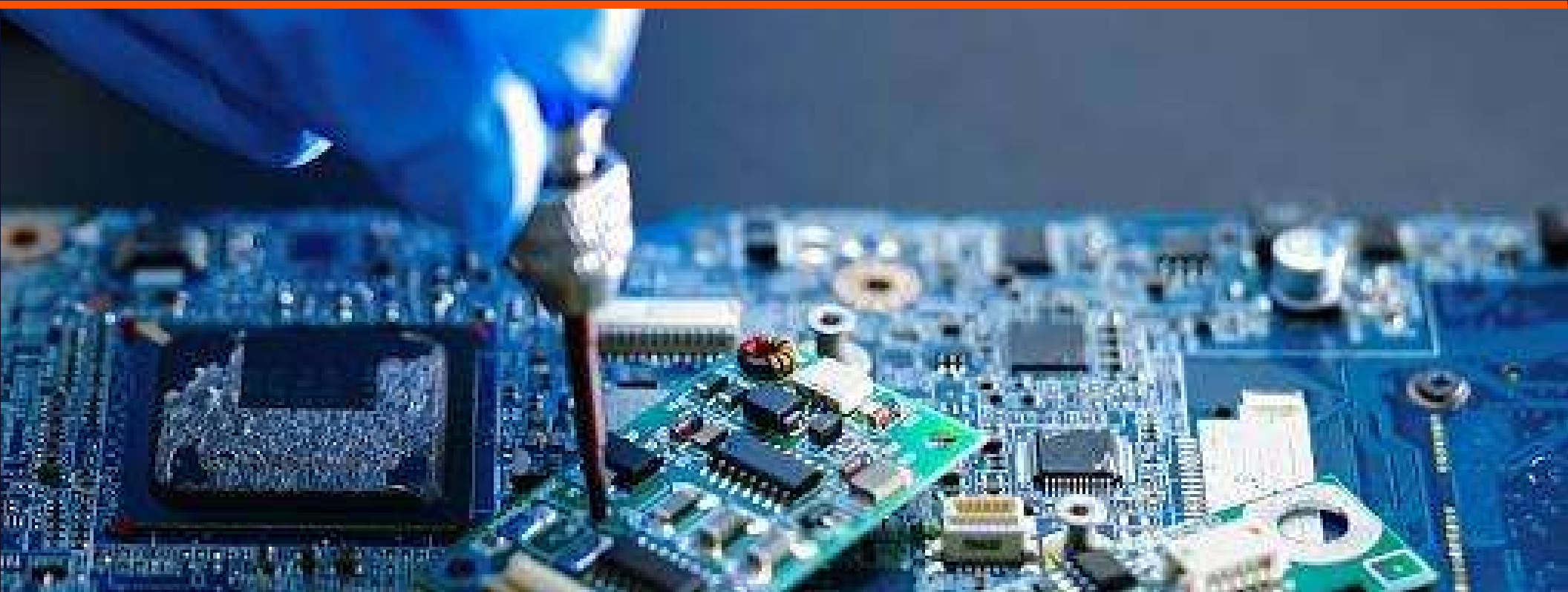


A Data Centre Boom Pulls the Manufacturing Ecosystem With It



FM Essential: Tailor-made for manufacturing

Offering a resilience product specifically for the manufacturing industry.
Through the power of resilience, we enable you to continuously deliver on your purpose.

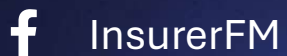


Protect Your Purpose



Thank you.

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