Data center market potential and regional impacts in Finland

Introduction to the study conducted by FDCA and EK

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Future Data Summit
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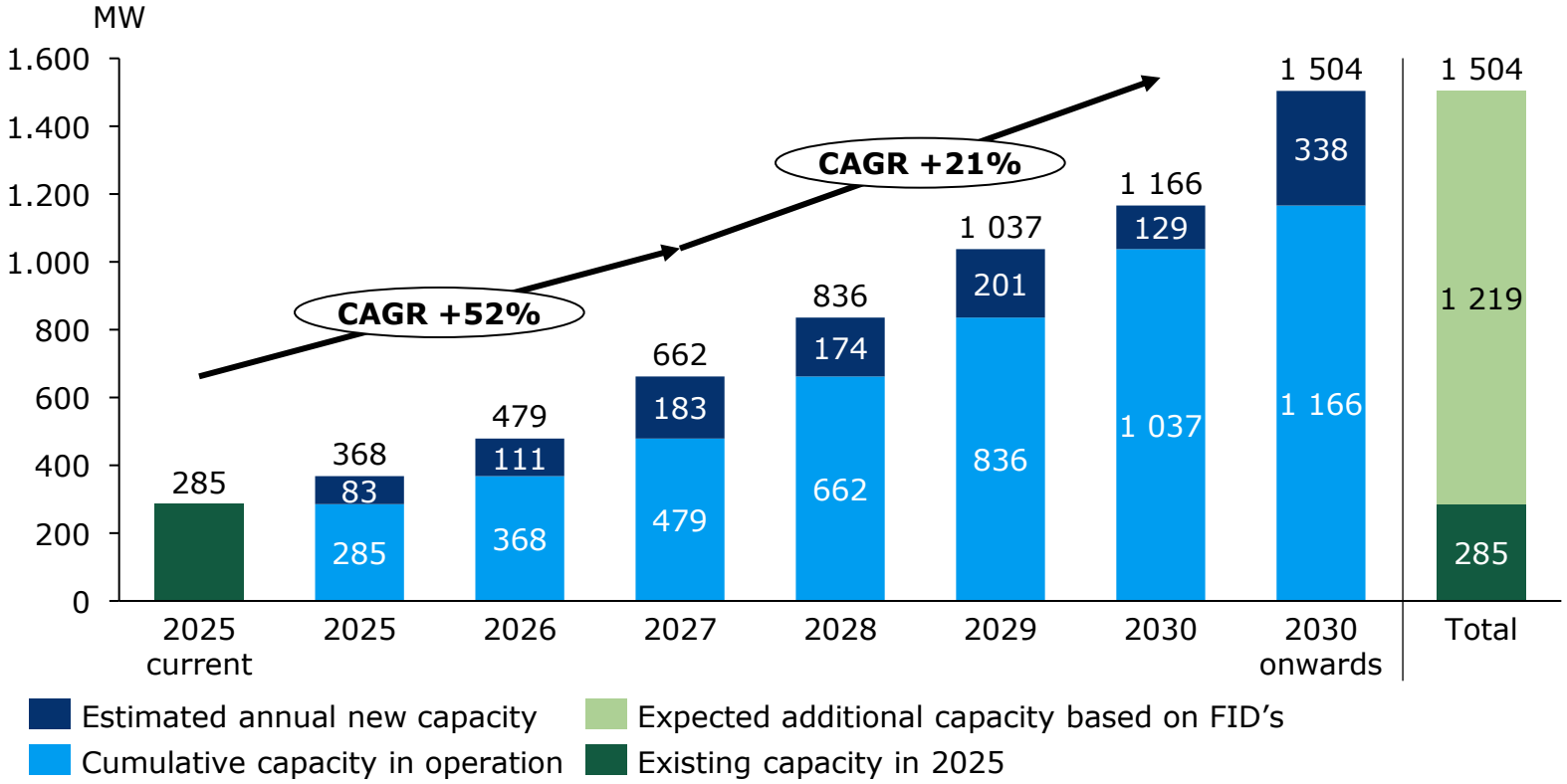
Maija Tenhunen

Data center capacity in operation is expected to double by 2027; significant growth expected based on final investment decisions

Growth estimation of data center capacity in operation based on announced final investment decisions in Finland



Market uncertainties

- Potential increase of electricity tax would increase operatig costs of data centers in Finland and decrease attractiveness of Finland as a destination for data center investments.
- Transmission grid capacity may pose local, temporary delays to investments.
- Labour shortage may slow down data center investments.
- Besides phasing, construction and permitting timelines may impact start of operations.

Finland’s data center market is scaling into a multi-billion-euro growth engine

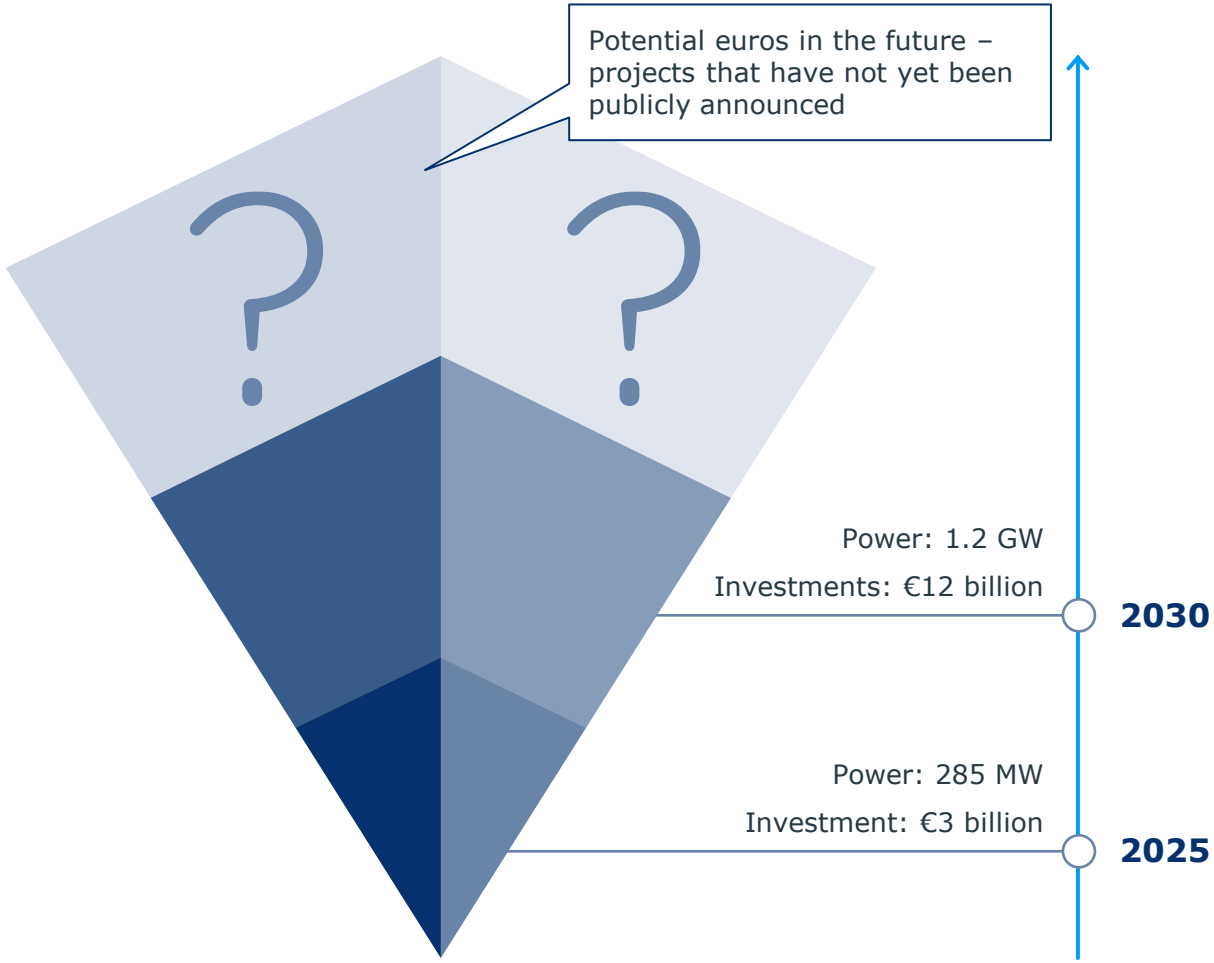
- **Direct impacts:** The direct impacts were assessed mainly for the operational period, where the impacts result from the immediate activities of data centers.
- **Multiplicative impacts:** The multiplicative impacts cover both the production and consumption effects.
- **Construction phase:** Construction phase refers to the period during which a data center is planned and constructed
- **Operation phase:** Operation phase of a single data center includes a ramp-up period during which a center gradually reaches full capacity.

2030

Total annual impacts of the production phase (2030)	Employment	9,900 htv
	Output	5,700 M€
Cumulative total impacts of the construction phase (2025-2030)	Employment	44,000 htv
	Taxes	1,700 M€

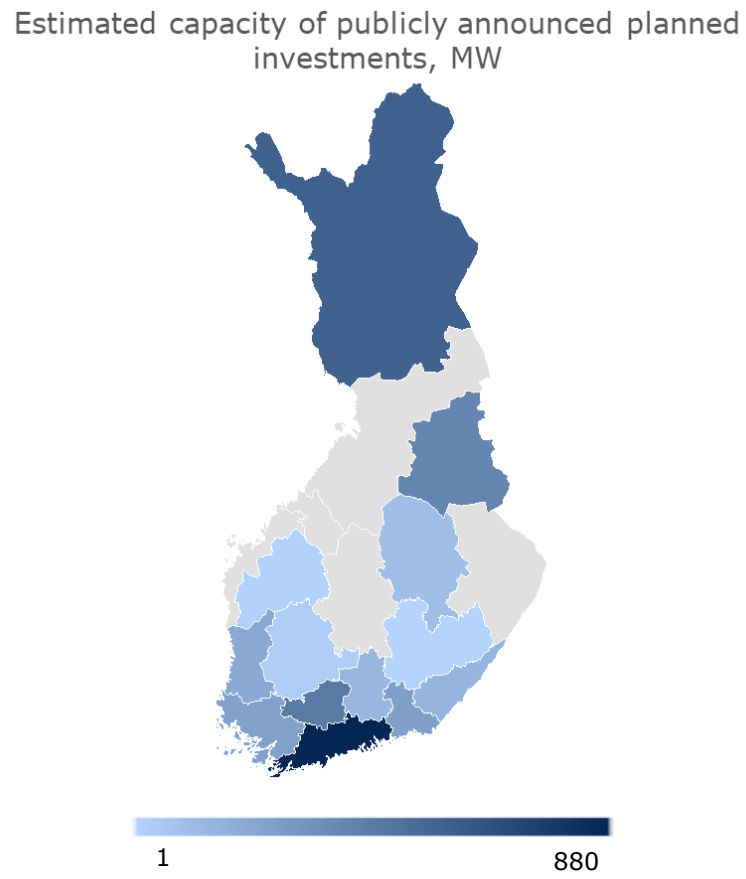
2025

Total annual impacts of the production phase (2025)	Employment	2,400 htv
	Output	1,400 M€
Cumulative total impacts of the construction phase (2025)	Employment	11,000 htv
	Taxes	400 M€



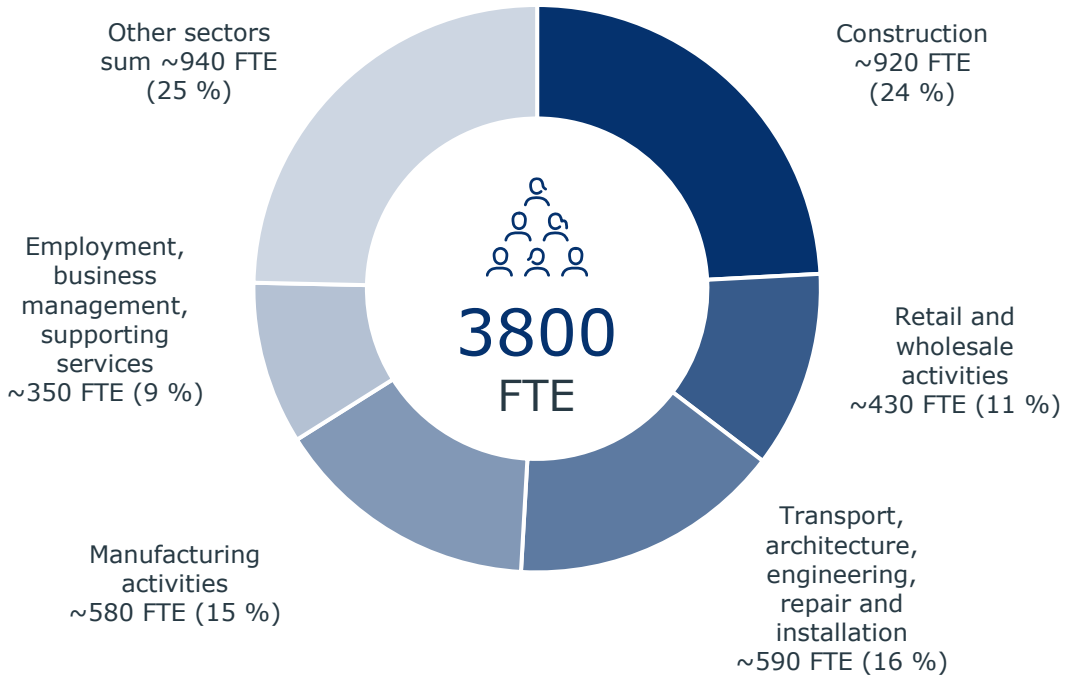
With robust infrastructure and available land, Finland is well suited for data centers nationwide

- Finland offers ideal infrastructure for data centers including electricity grid and telecommunication networks
- Our cold climate is an environmental advantage
- We have ample land available and excellent opportunities to utilise waste heat
- Finland is safe, stable, and strategically reliable
- Combined with our rule of law and digital resilience — makes Finland one of the most trusted locations for long-term data infrastructure investments

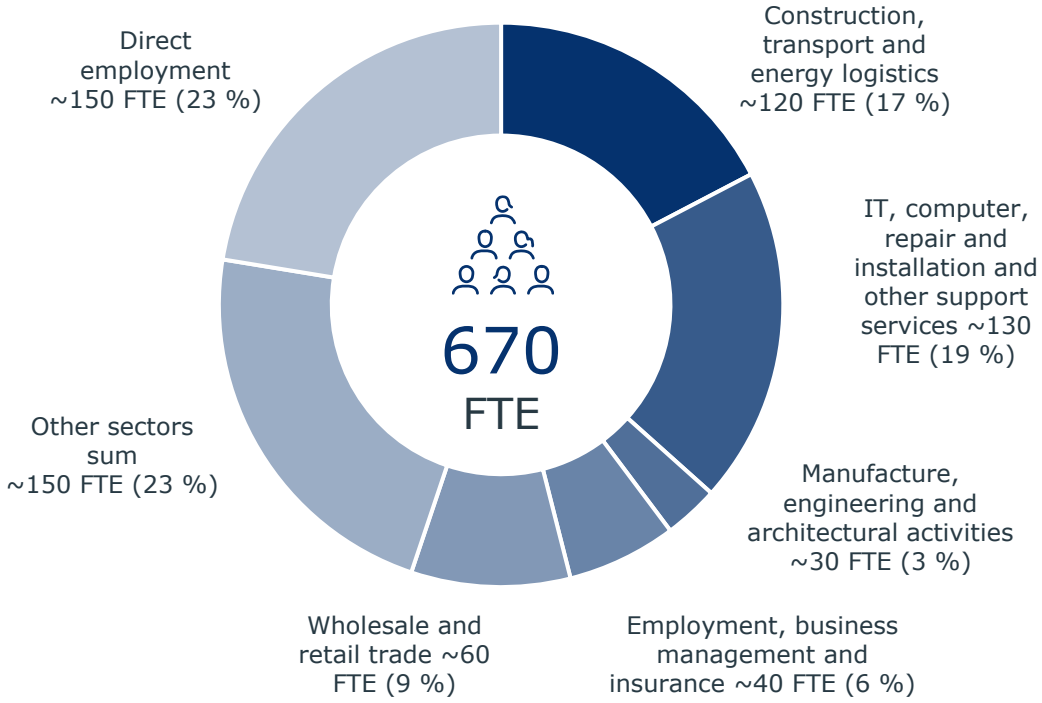


A 100 MW colocation DC creates total 3800 (FTE) jobs during its construction phase and sustains annually 670 FTE throughout operations

Construction phase jobs are cumulative, representing total labour demand over several years of construction activity.



Operational phase jobs are annual, representing ongoing jobs sustained each year for as long as the facility remains in operation.



Source: Values rounded, actual values on slides 61 and 67.

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