



# Heat Recovery in Distributed Data Centres

Workshop on energy efficient cloud computing

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# Increasing Cloud-Computing Demand

# Motivation

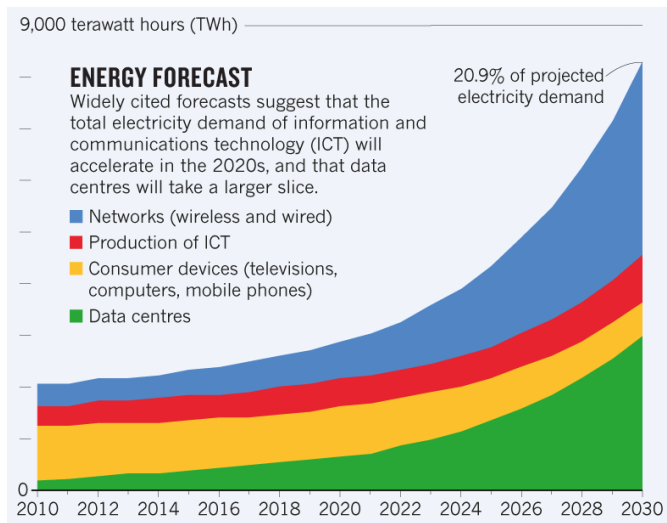


Fig.: Jones, Nature, **561**, 163-166 (2018), Data: Andrae & Edler, Challenges, **6**, 117-157 (2015)

## Key Questions

How to measure energy efficiency?

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How to reduce the overall energy consumption of cloud-computing services?

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How to promote heat recovery?

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How to increase the temperature tolerance of IT hardware?

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What about retrofitting?



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How to operate decentralised data centres efficiently?

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How to operate decentralised data centres efficiently?



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