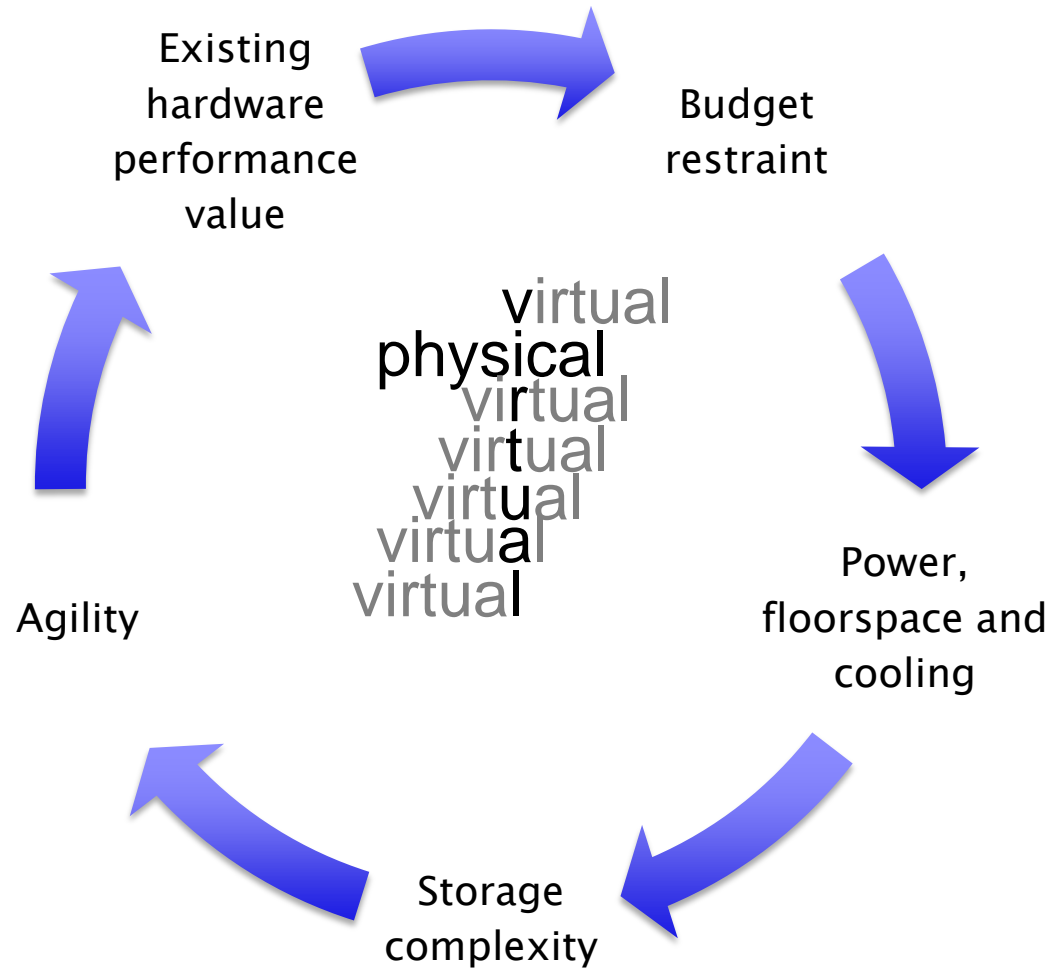


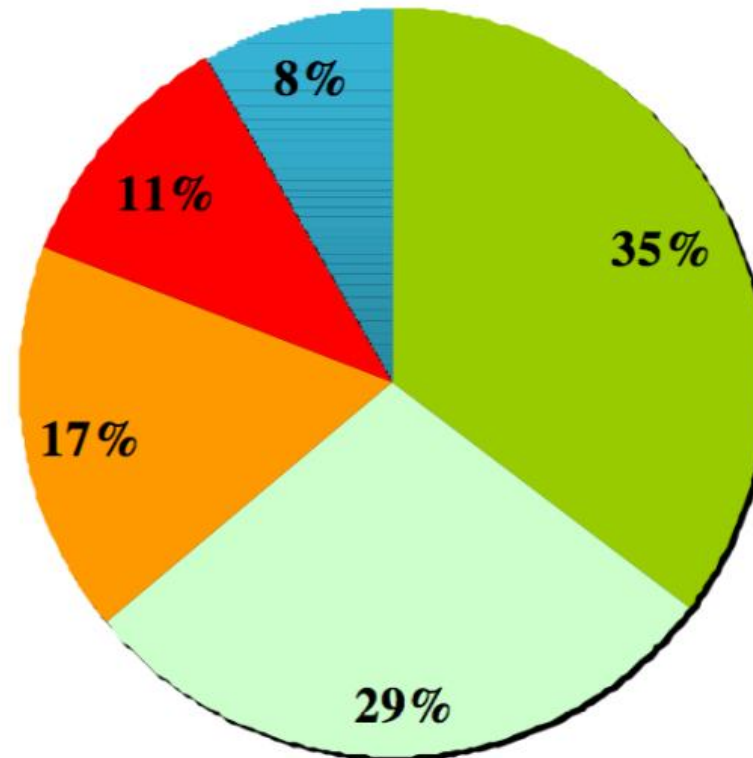
# Getting Real on Virtualisation

Simon Perry

Principal Associate Analyst – Sustainability

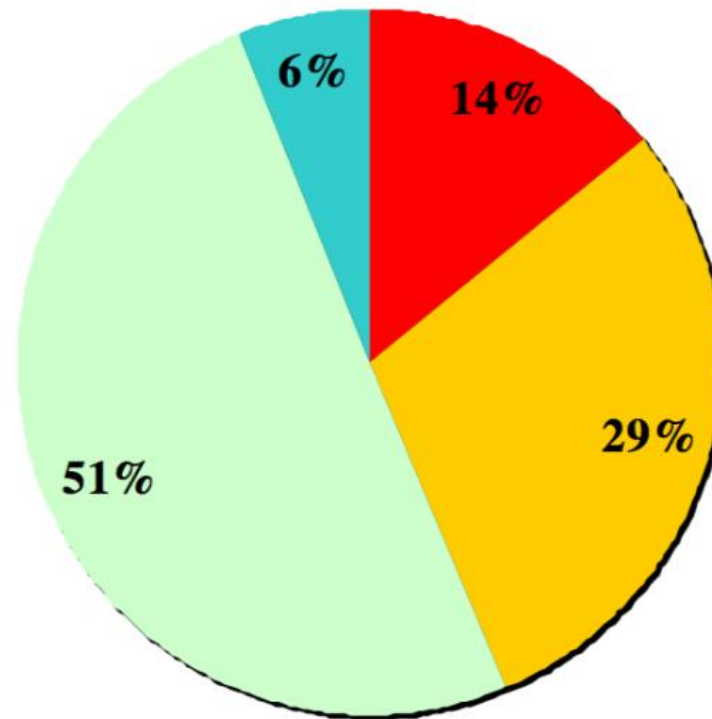


## When will you run-out of data centre space?



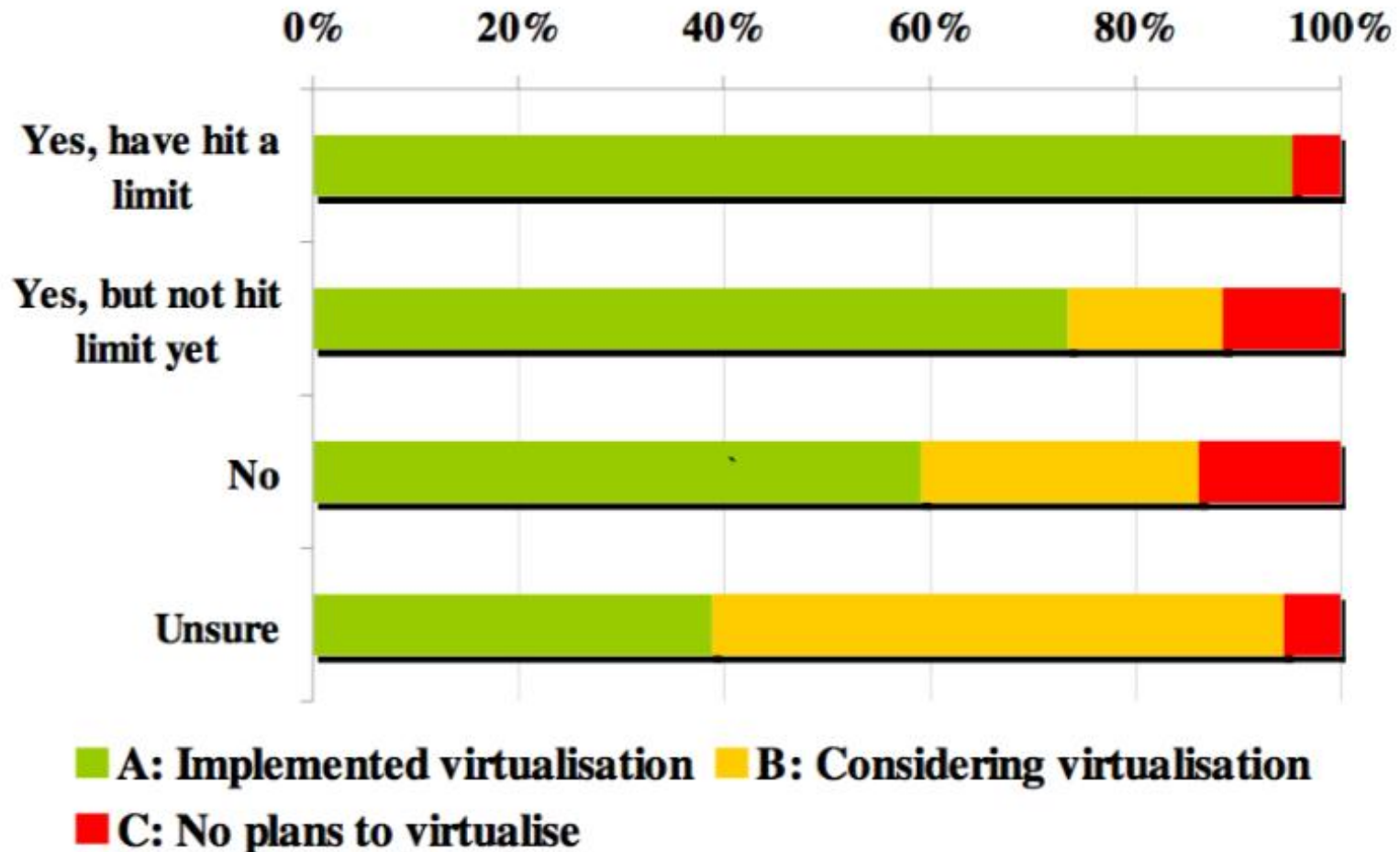
■ Don't expect to ■ > 3 years ■ 1-3 years ■ < 1 year ■ Not sure

**Is your data centre power-constrained (i.e. you cannot get any more electricity into the building)?**

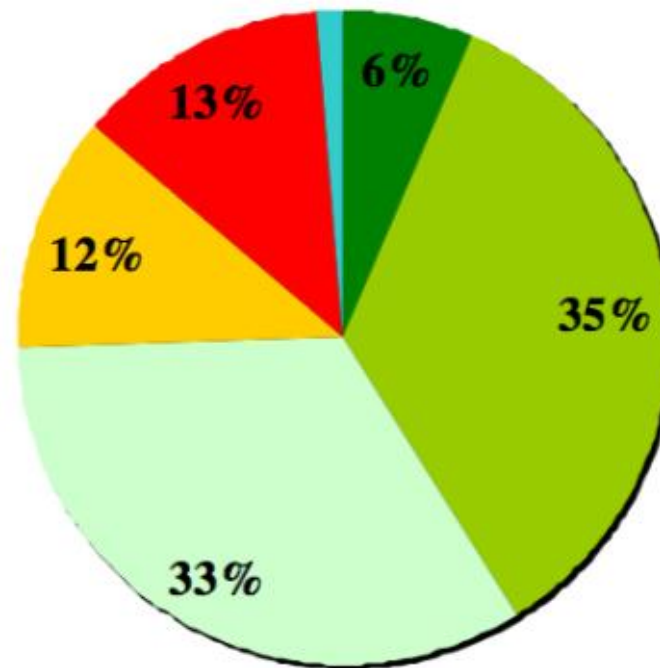


**■ Yes, have hit limit ■ Yes, have not hit limit yet ■ No ■ Unsure**

## Correlation between virtualisation and being power-constrained



**How long does it take to provision a physical server, from decision to commissioning?**



■ Less than a day

■ 1-7 days

■ 1-4 weeks

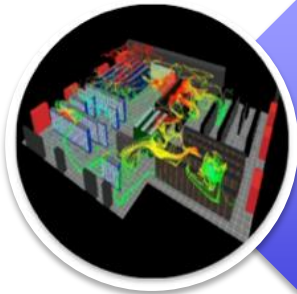
■ 1-2 months

■ More than 2 months

■ Unsure



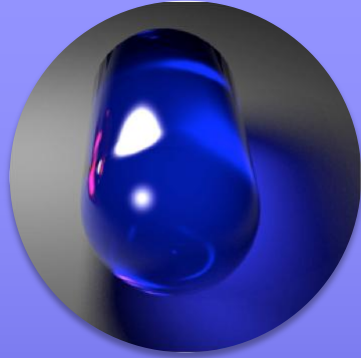
Virtualisation is “green”



Virtualisation will solve all data centre power and heat problems



Virtualisation reduces infrastructure management issues



Security



Tendency to  
spawn



Balancing  
workload  
requirements

← Planning avoids many problems →