

# HPC Keynote Panel: Cloud and Data Centers, HPC Performance, Driving Storage Decisions



April 4, 2016



# + Panel Introductions

- Moderator

- Dave Weber, Lenovo, Director



- Panelists

- Terry Roche, TABB Group, Principal, Head of FinTech Research



- David Coutts, IBM, Distinguished Engineer



- Parviz Peiravi, Intel, CTO Financial Services



- Andrew Nelson, Nutanix, Distributed Systems Specialist



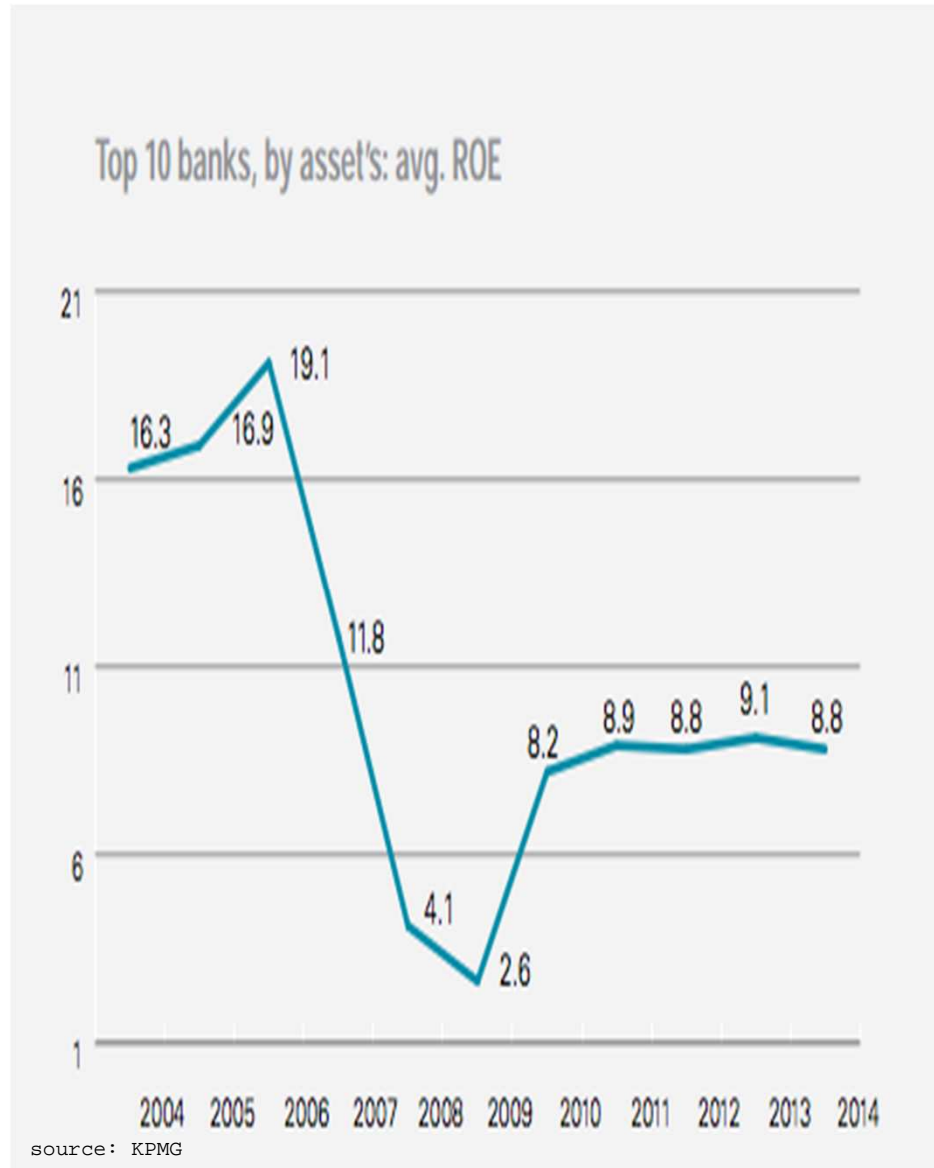
The existing cost model  
of Capital Markets is  
Unsustainable

- **Financial Services was the first compute intensive online industry**
- **Created prior to PCs or the Internet**
- **There was no central organizing platform such as Facebook**
- **IT services developed in Silos**
- **Different standards, interfaces, proprietary services and organizations**

- **Regulation – Regulation - Regulation**
- **Holistic view of all data is needed to unlock value and comply with regulation**
- **Effective data aggregation for analytics challenging**
- **Data constantly shifting and growing exponentially year after year**
- **Costs must be reduced**
- **New models to achieve differentiation must be embraced**



# Return On Equity



*"Reducing costs is a driver but challenge is to identify how real savings are. Bursting is easy to quantify, but long term is trickier." - Director (IT), Top Ten IB*

*"The industry has a ROE problem. Our ROE is below cost of our capital, we won't revenue grow our way out. " - COO, Top Ten IB*

*"It's a digital business model, we need to enable the firm to have an elastic, agile infrastructure. We do lots of real time solutions that have high mission criticality and uptime needs... We run the risk as an industry to be locked out of the innovation happening in the public cloud." - MD, Top Ten IB*

# Step Change Transformation

**A step change transformation is needed to drive the industry forward:**

- **Adoption of Cloud**
- **Third Generation Platform delivered Services**
- **Utilities**
- **Machine Intelligence**

# Conclusion

- **Regulations are driving Capital Markets**
  - **Fear, Greed and Regulation has become Regulation and Fear**
- **Data challenges continue to grow**
- **FinTech offerings may be threats as well as solutions**
- **The cost model is unsustainable**
- **Capital Markets are moving to embrace fundamental change to manage costs and unlock value and differentiation**



# + Panel Discussion

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DAKUJEM DANK BEDANKT  
MERCİ БЛАГОДАРЯ ТАКК  
ありがとう СПАСИБО GRAZIAS  
GRAZIE DZIĘKUJĘ DANKE  
OBRIGADO GRACIAS 謝謝

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THANK YOU!

*lenovo*