



APICTA • ASOCIO • 2009
Asia Pacific Digital Innovation Summit
Melbourne Australia 14 - 17 December 2009
Innovation, collaboration & trade for a digital future

MELBOURNE

Session Chair

Bob Hayward

Sustainability Taskforce

Chair

(Australia)



Sustainable IT

December 2009

Bob Hayward
CSC CTIO Australia | Asia



IT Energy Facts

Data Centres consume more energy globally than Argentina

Between 6-8% of all Australian greenhouse gas emissions are due to ICT use

An Australian who regularly visits an online virtual world consumes as much electricity pa doing so as all electricity use pa by an average citizen of Brazil

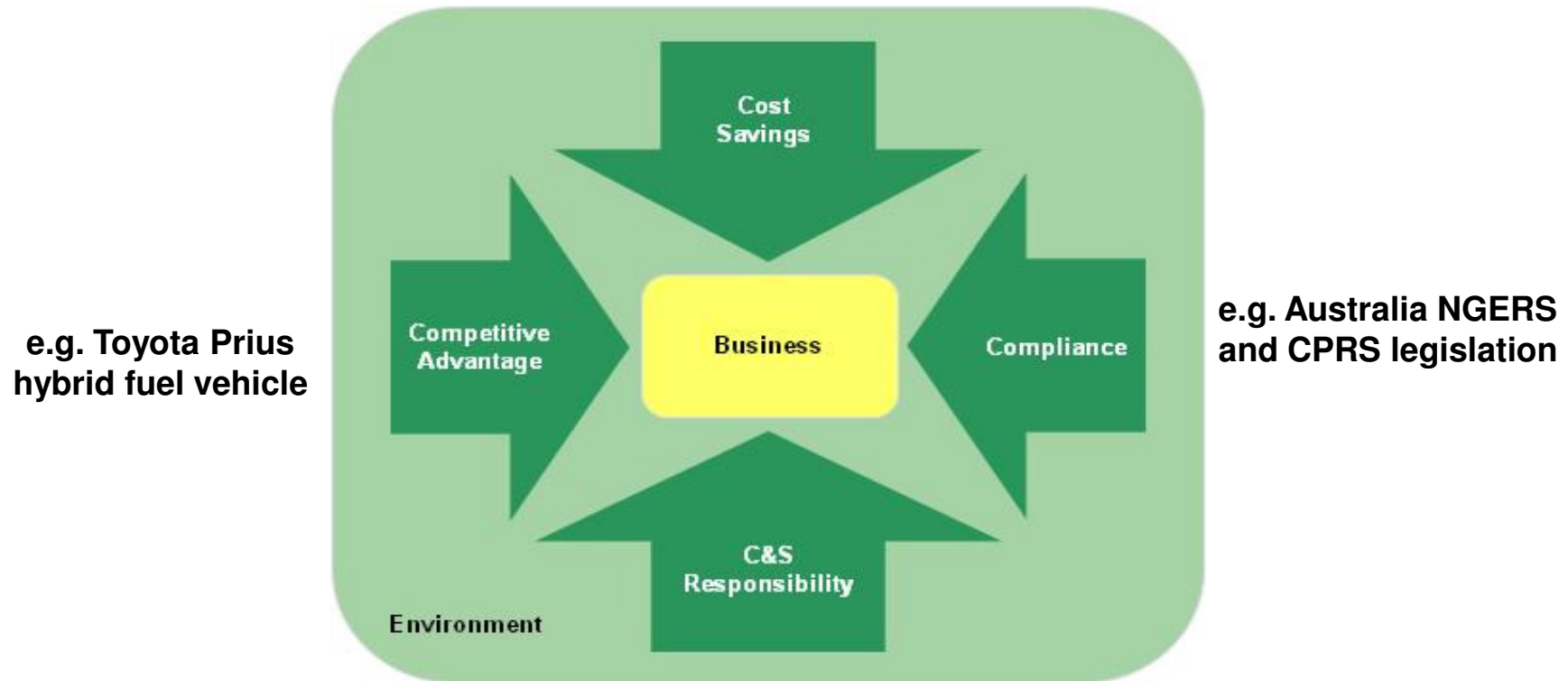
The largest consumer of electricity in the UK is ICT use by the UK Government

Electricity consumption by data centres globally is doubling every 7-10 years

More than 50% of a typical Australian Government agency greenhouse gas emissions are due to ICT use

The Drivers for Sustainable IT

e.g. CSC realised £7.8m savings p.a. for the NHS in data centre power savings and reduced carbon footprint by 56 million kg p.a.



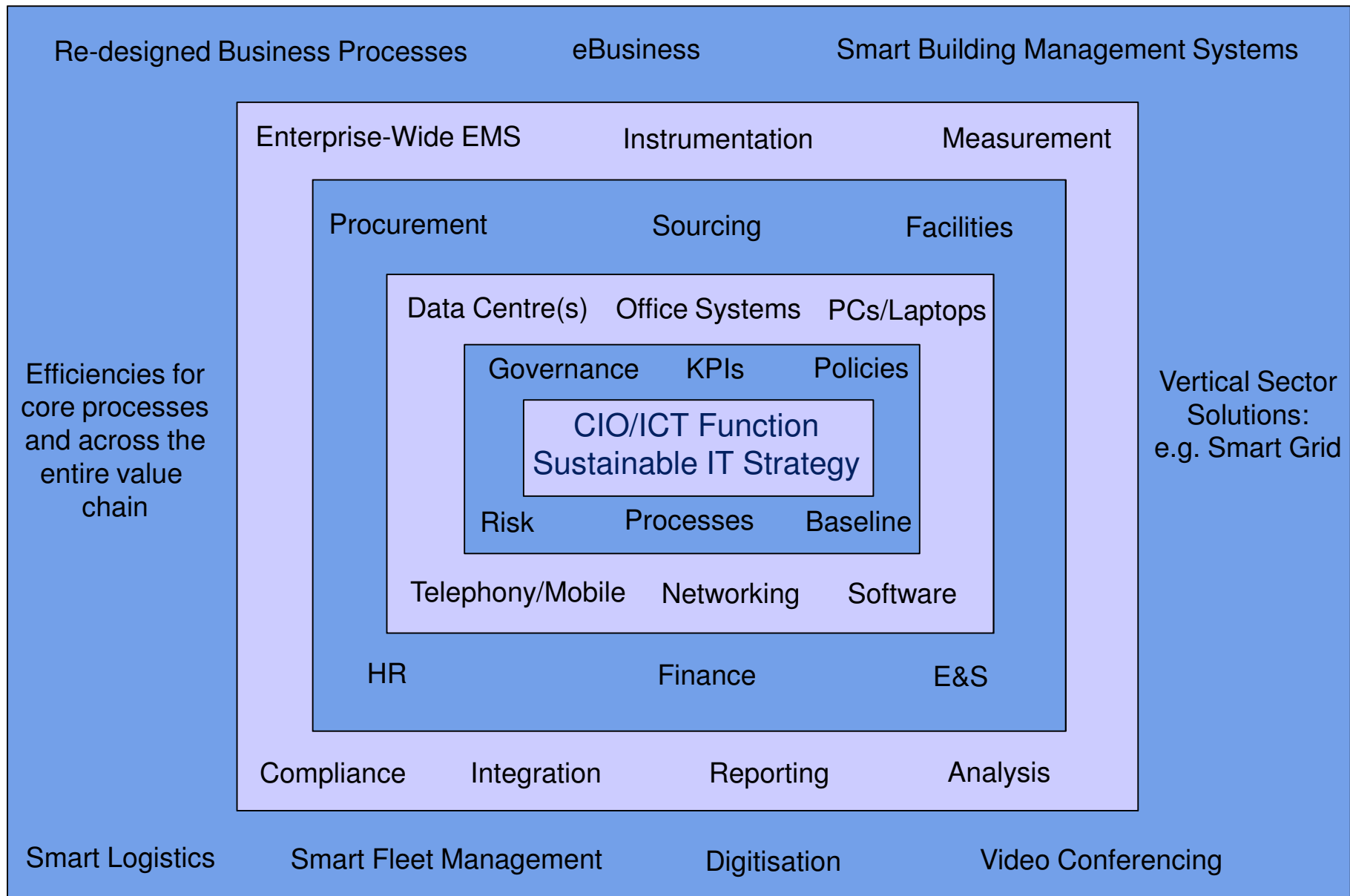
e.g. Toyota Prius hybrid fuel vehicle

e.g. Australia NGERS and CPRS legislation

e.g. Carbon Disclosure Project backed by major institutional investors and supported by companies worth some \$20 trillion

Use less energy, work more efficiently, produce more innovative products

The Scope of Sustainable IT



Sustainable IT at APDIS

- 11:00-12:30 Sustainability and Green IT
 - The International Perspective across Asia/Pacific
- 1:30-3:00 Sustainability & Innovation
 - How IT innovations can contribute to a more sustainable world economy
- 3:30-5:00 Sustainability CollabIT
 - Showcase and business networking/matching