Committed to Connecting the World

14th Global Symposium for Regulators

Capitalizing on the potential of the digital world

Big Data: Opportunity or Threat?

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The views expressed in this presentation are those of the author and do not necessarily reflect the opinions of the ITU or its Membership.

Agenda

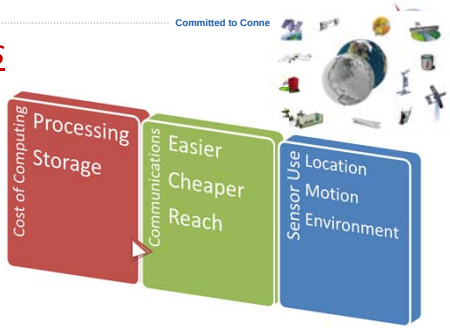
- Set the stage
- Opportunities – the benefits
  - Value creation
  - Benefits for individual; society
  - Ownership
- Concerns – the risks
  - Good intentions gone wrong
- Policy
  - 4 possible areas to consider
  - State of play

A wider View

Think Big

- There is more than Big and More than Data
- What is delivered?
- What I hope to achieve today

Drivers



But the most versatile sensor of all: *People*

Source: Ga St Univ;

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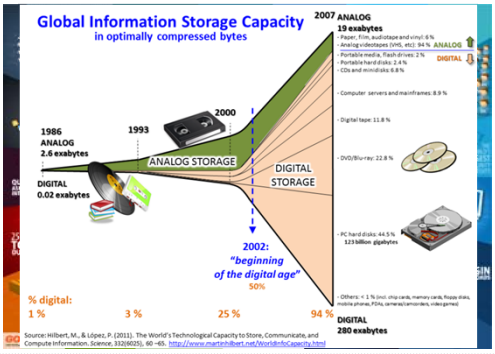
How fast is it growing?



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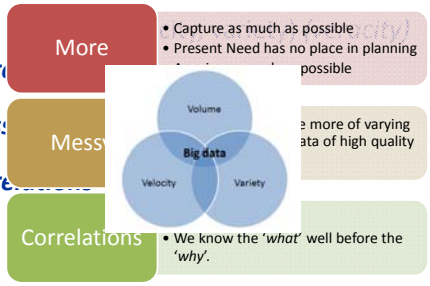
How defined?

- 3 Vs
- ***Mor***
- ***Mes***
- ***Corre***



Key policy difference: ***COLLECTION v. USE***

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Collecting

8 Principles for consideration

- Data Retention
- Data Collection
- Data Primacy
- Data Expertise

- Data Mindset
- Scalability
- Reduced Barriers
- Data's Utility

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Who Benefits?

- The enterprise
  - Changing business model
  - HR
  - Transport
- The Individual
  - Improved offers
  - Roads less travelled
  - Medicine
- Society at Large
  - Climate Change
  - Education
  - Crime prevention

- **Legal side effects**
- **Altered perceptions**

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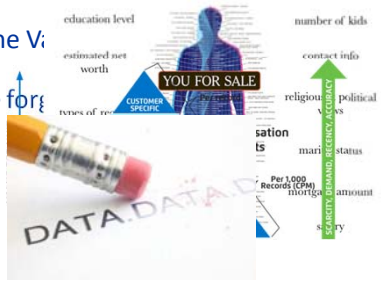
Outcomes leading to Concerns

- Are you for Sale?
- Where is the V
- Can you be for



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A Newer Darker Side

- Punish for something yet to be done
- Erosion of Trust
- False Confidence
- The Rise of the Data Baron

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What should be done?

Regulatory Authority's Work:

- Ensure Protection
- Protect Human Volition
- Facilitate Expertise
- Keep Data Markets Fluid

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End

Efforts to shape and define

Further Data Sources

- Legal reviews
- European Big Data Public/Private Forums
- White House (U.S.) – Big Data Initiative
- World Economic Forum (WEF)
- ITU
- UN