



Data
-
**The fuel that
powers the
new digital
economy!**



‘Data is the new oil of the information age’



"Personal data is the new oil of the Internet and the new currency of the digital world."

Meglana Kuneva, European
Consumer Commissioner,
March 2009

WORLD
ECONOMIC
FORUM
LEADERSHIP IN
TRANSFORMING THE WORLD

'data is the new oil'



Data is the new oil.

We see in data the same transformative, wealth-creating power that 19th-century visionaries once sensed in the crude black ooze trapped underground.

If "crude" data can be extracted, refined, and piped to where it can impact decisions in real time, its value will soar. And if data can be properly shared across an entire ecosystem and made accessible in the places where analytics are most useful, then it will become a true game changer, altering the way we live, work, learn, and play.



Source: Cisco IBSG, 2012.

#DataInMotion

'Data is the new oil'



data as a raw resource – similar to electricity

**Data is all
around us!**



Data is everywhere!



It is being used everywhere!

Have you ever ...?

.....



Online is our encyclopaedia for life



**Data is
everywhere.**

**And that
'everywhere'
is expanding!**



A blue, metallic-looking head of a robot or artificial intelligence. The head is centered in the frame. On top of the head, there is a bright, glowing yellow and orange energy source, resembling a sun or a powerful light source, with rays emanating from it. The background is a complex, golden, mandala-like pattern with intricate geometric designs. Overlaid on this pattern are vertical columns of binary code (0s and 1s) in a light yellow color. The overall color palette is dominated by blue, yellow, orange, and gold.

**It is expanding at a
mind-blowing rate!**

Home > Topics >

Online Christmas sales set to top £890m

27 Dec 2013 | By Jon Yeomans

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Shoppers are likely to 'road test' new tablets and smartphones

Online shopping sales on Christmas Day and Boxing Day are set to top £890m, according to e-tail analysts IMRG.

With consumers expecting to take delivery of yet more tablets and smartphones over Christmas, IMRG is predicting a rise in online purchasing as shoppers 'road test' their new presents. It also forecasts a rise in 'multi-screen' activity, with shoppers browsing online while watching Christmas TV.

Online sales on Christmas Day were tipped to hit £350m, while online sales on Boxing Day were forecast to hit £540m.

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the new

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Aldi's £7

to take o

06 Dec 20

It is having a causal effect on the way we live our daily lives!

Ireland to become one of the fastest growing online markets

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Amazon boss Jeff Bezos

16 AUGUST 2013

Industry expert says that Ireland has "stronger growth than their European counterparts" as a study reveals online retail sales in Europe are set by 2018 to €323bn.



We live in a world fuelled by data







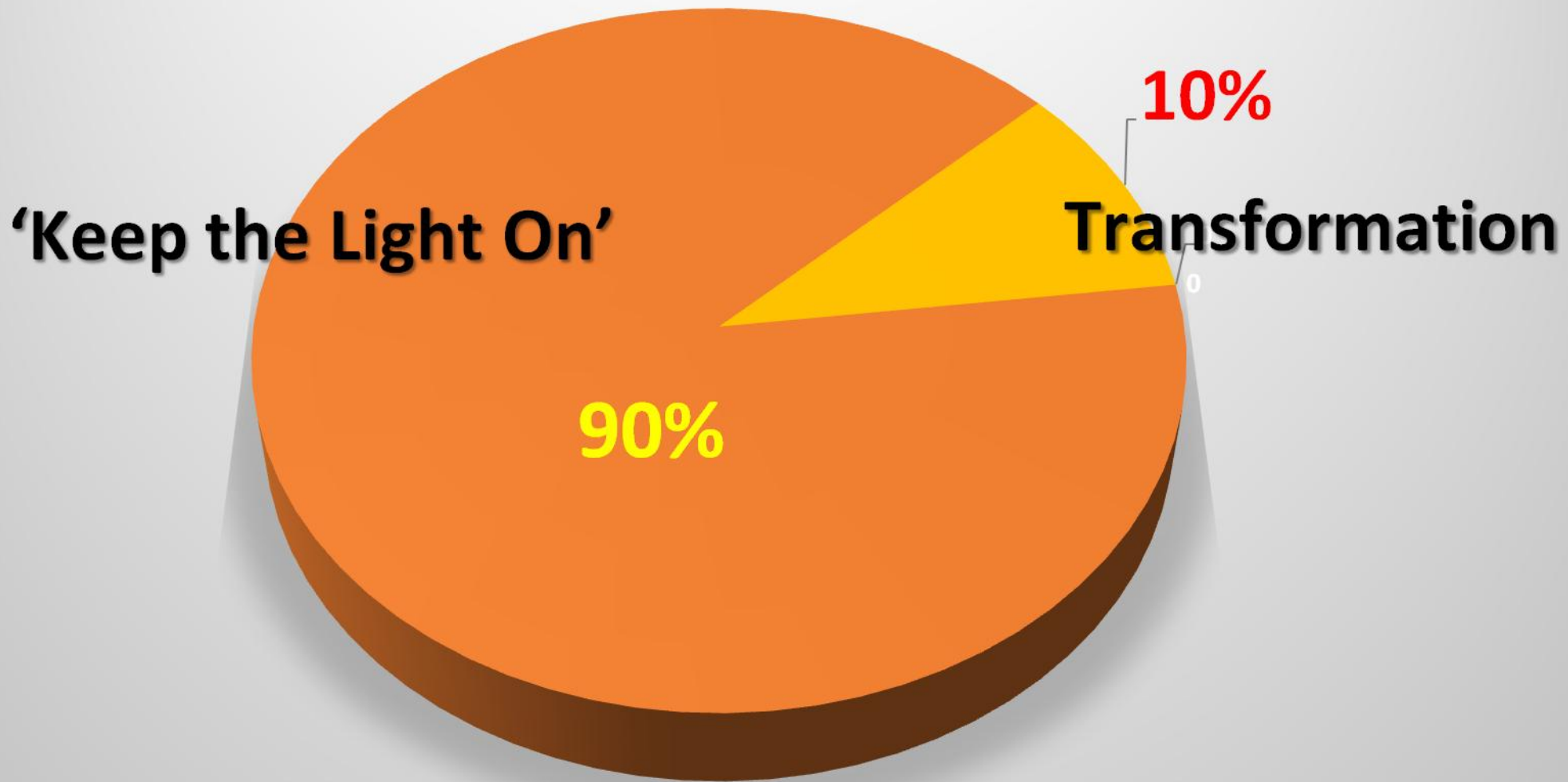


We're experiencing a 'Nexus of Forces'

Demands



Resources





Government cannot afford to spend anything that does not solve a problem and have an ROI...!

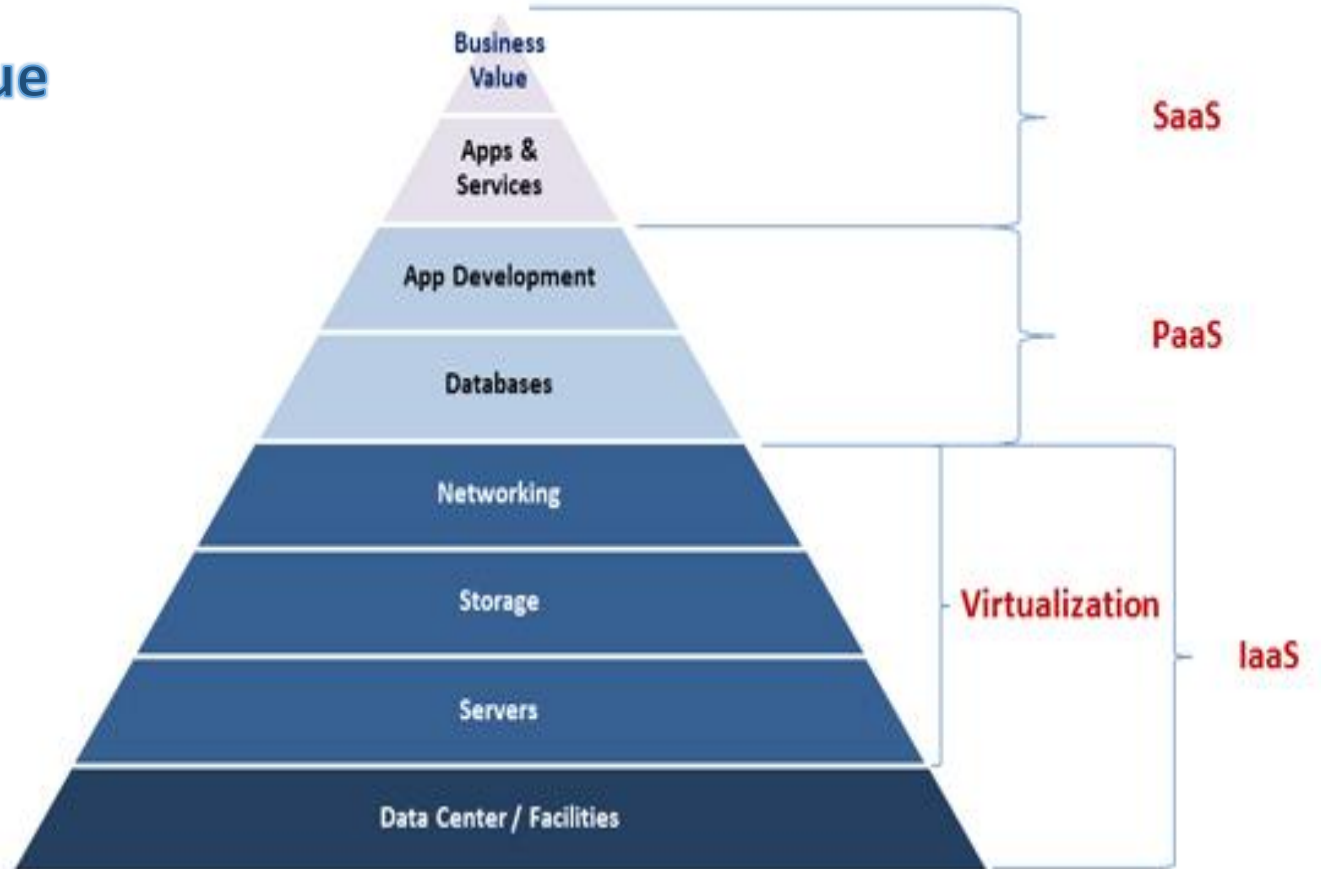


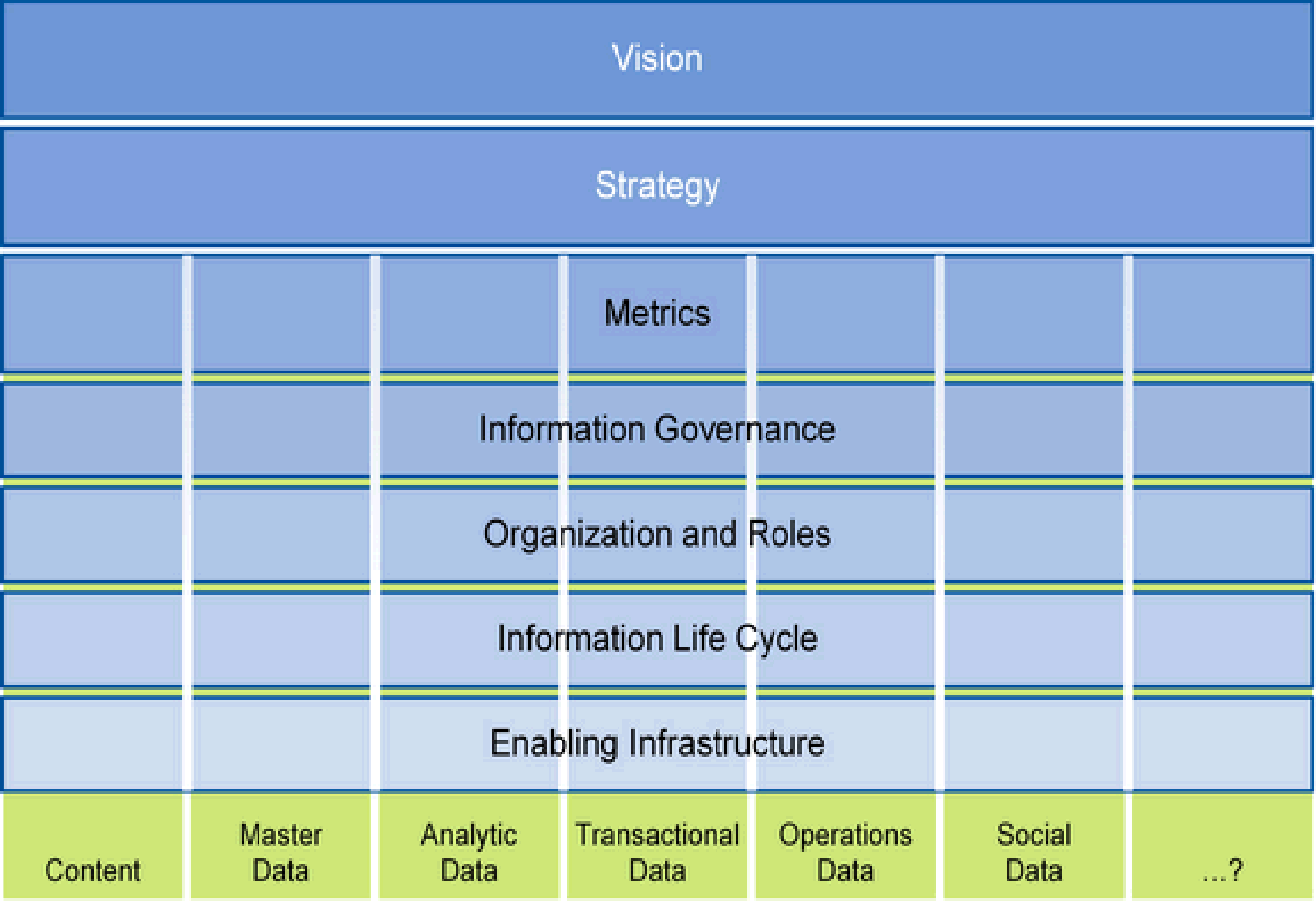


A period of 'technology deficit'

Data Delivers Value

Data Resides





Vision

Strategy

Metrics

Information Governance

Organization and Roles

Information Life Cycle

Enabling Infrastructure

Content

Master
Data

Analytic
Data

Transactional
Data

Operations
Data

Social
Data

...?



We need to re-educate the 'C-level' on the value of IT



**Develop an ICT Strategy
designed around the future
not the past**





Invest
to
Transform



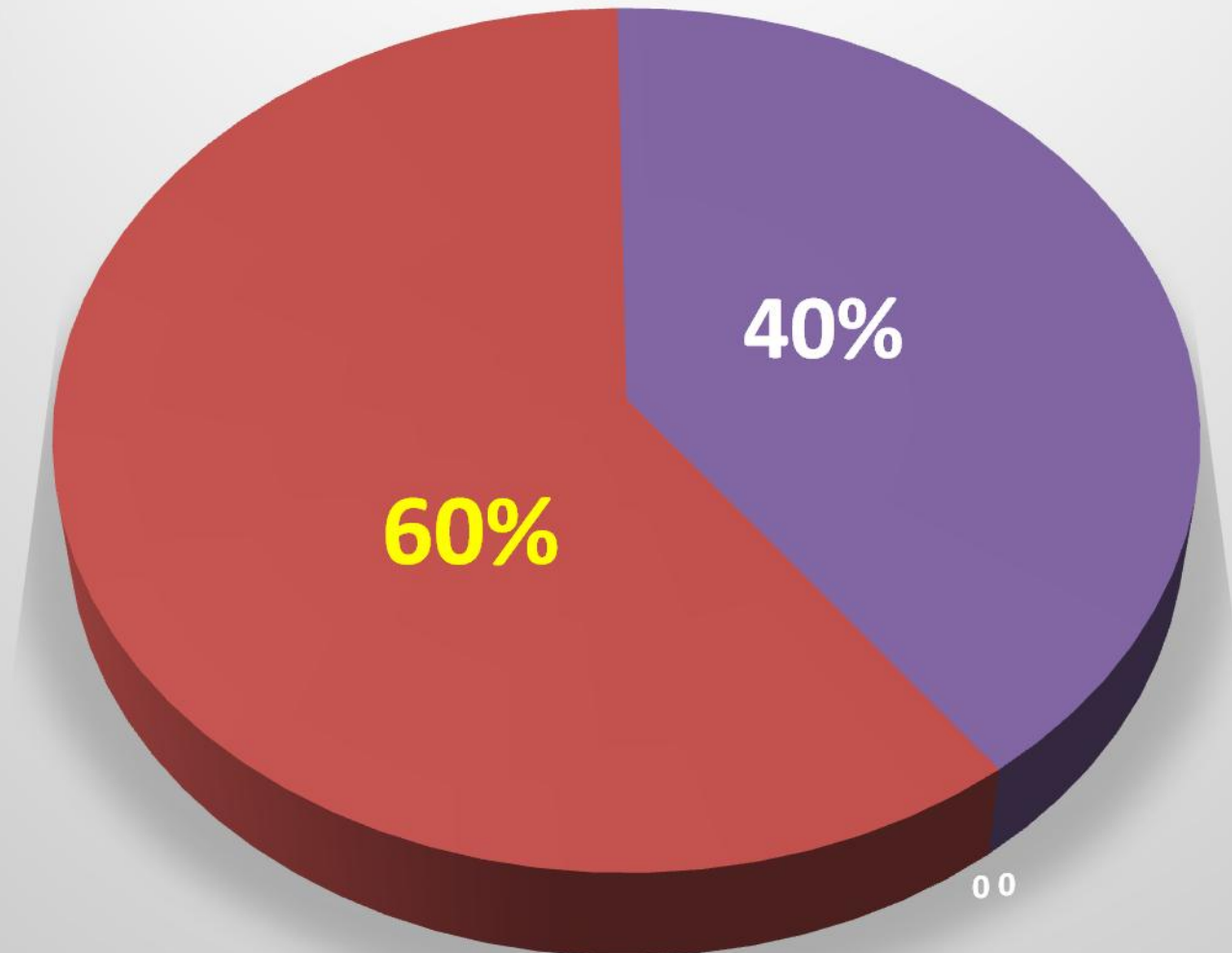
Build
to
Share



Design
for
Digital



A strategy that sees ICT as an Investment



Percentage (KTLO vs Transform)



Not just about technology



**Strategy is about
designing the future**



Geo-spatial Strategy



Net Contributor to GDP



Net Contributor to GDP

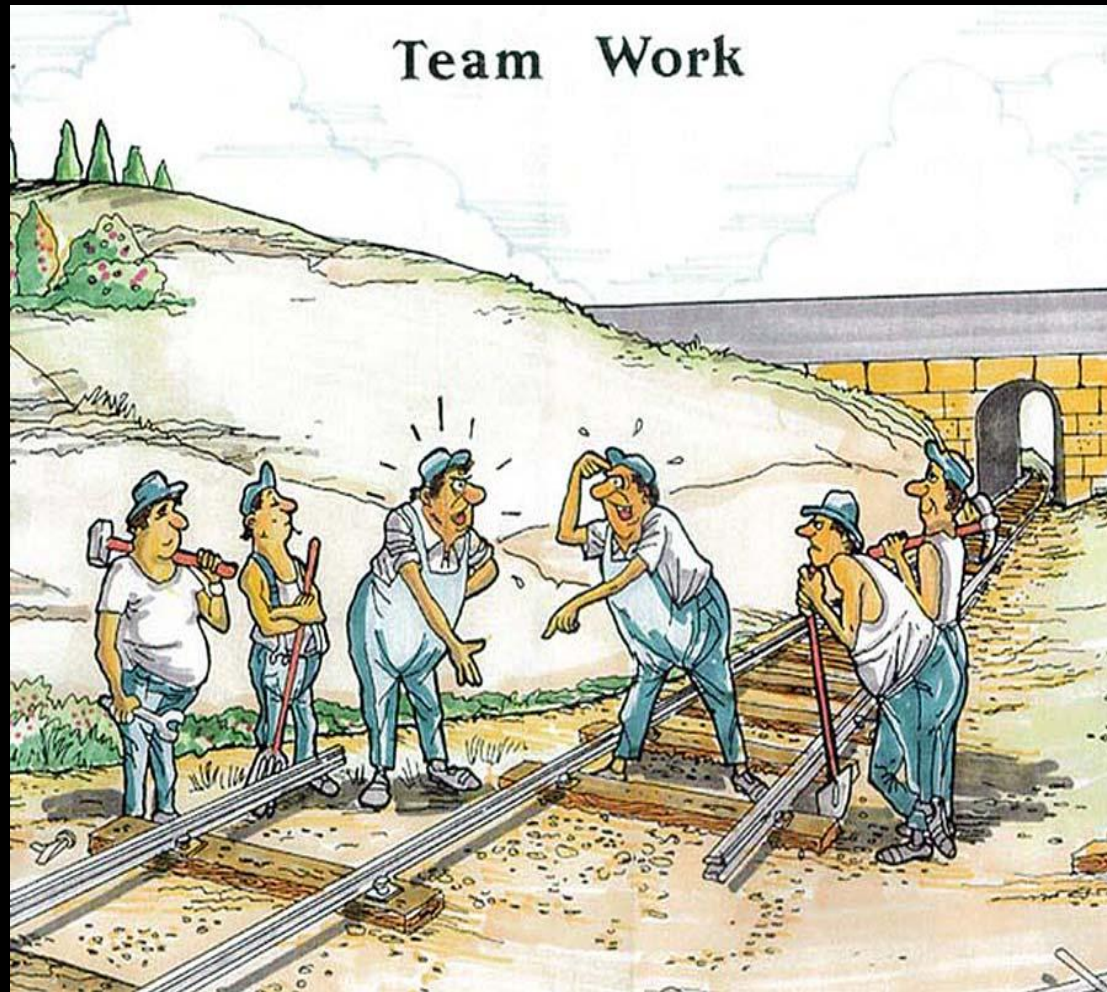
Already delivered



Local Property Tax



PostCode



Interoperability & Standards



Fit for the new digital economy



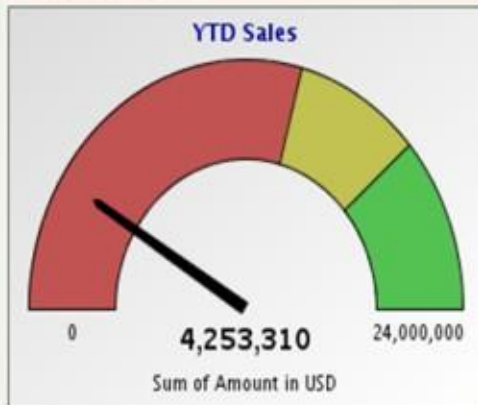
Cost

Improves chances of success

Risk

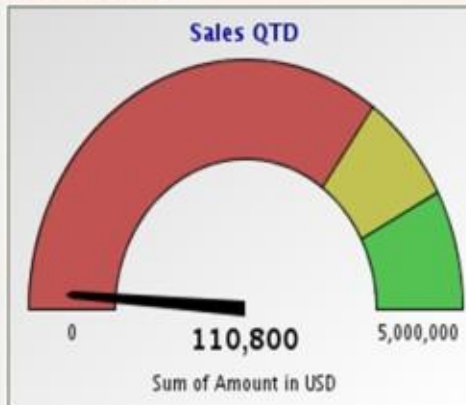
Benefit

Closed Sales YTD



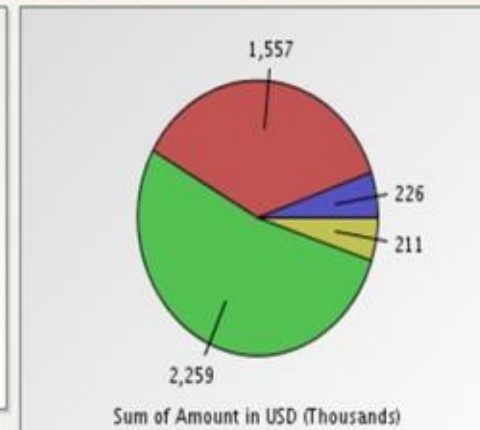
Target 18.5M, stretch target 24M

Closed Sales QTD

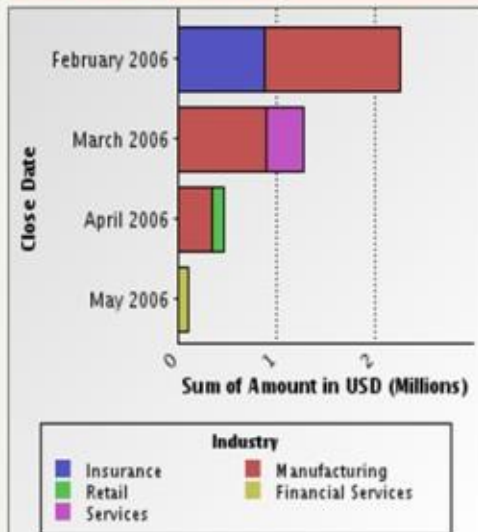


Target 4.225M, Stretch target 5M

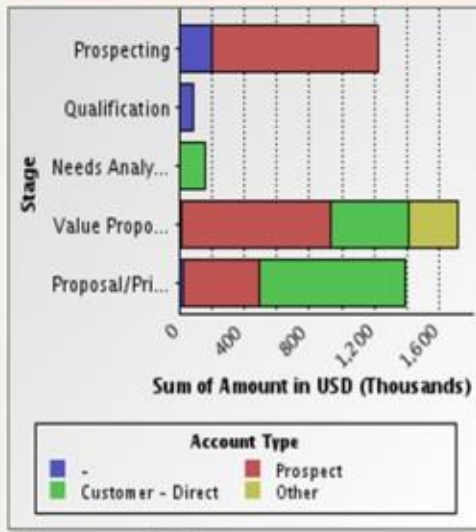
Sales by Country YTD



Closed Sales by Industry



New Business Pipeline



Key Opportunities (Pipeline)

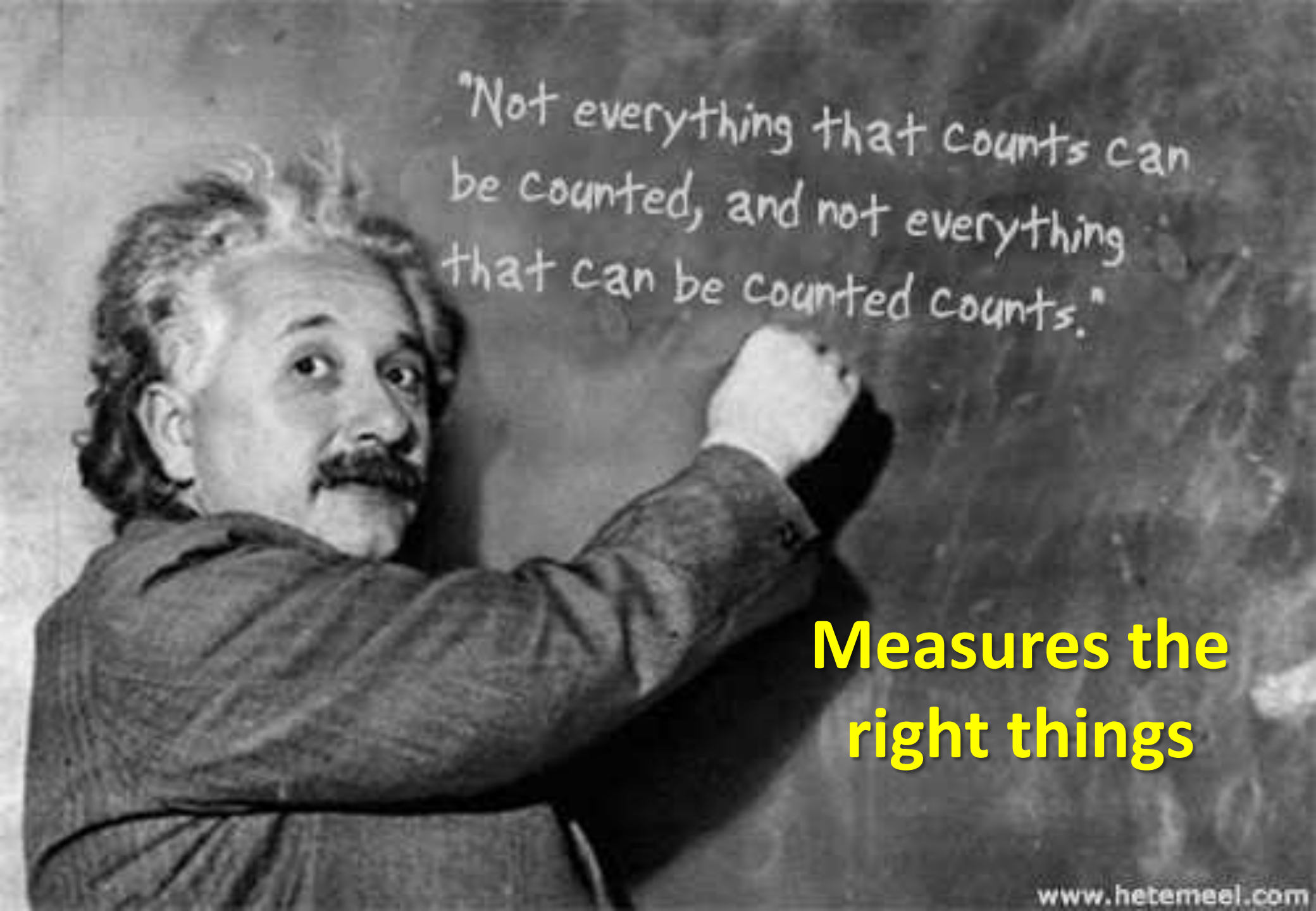
| Opportunity Name | Sum of Amount |
|----------------------------------|---------------|
| Cardinal 6 GC 5000 | USD 860K |
| Edge 6 GC 5000 | USD 860K |
| LLoyds 6 GC 5050 | USD 800K |
| ATB Financial upsell opportunity | USD 450K |

>400K + < 90 days

Top 5 Sales Reps



Measures progress

A black and white photograph of Albert Einstein, looking over his shoulder at the camera while writing on a chalkboard. He has his characteristic wild hair and mustache. The chalkboard is dark, and the text is written in white chalk.

"Not everything that counts can
be counted, and not everything
that can be counted counts."

**Measures the
right things**



Invest
to
Transform



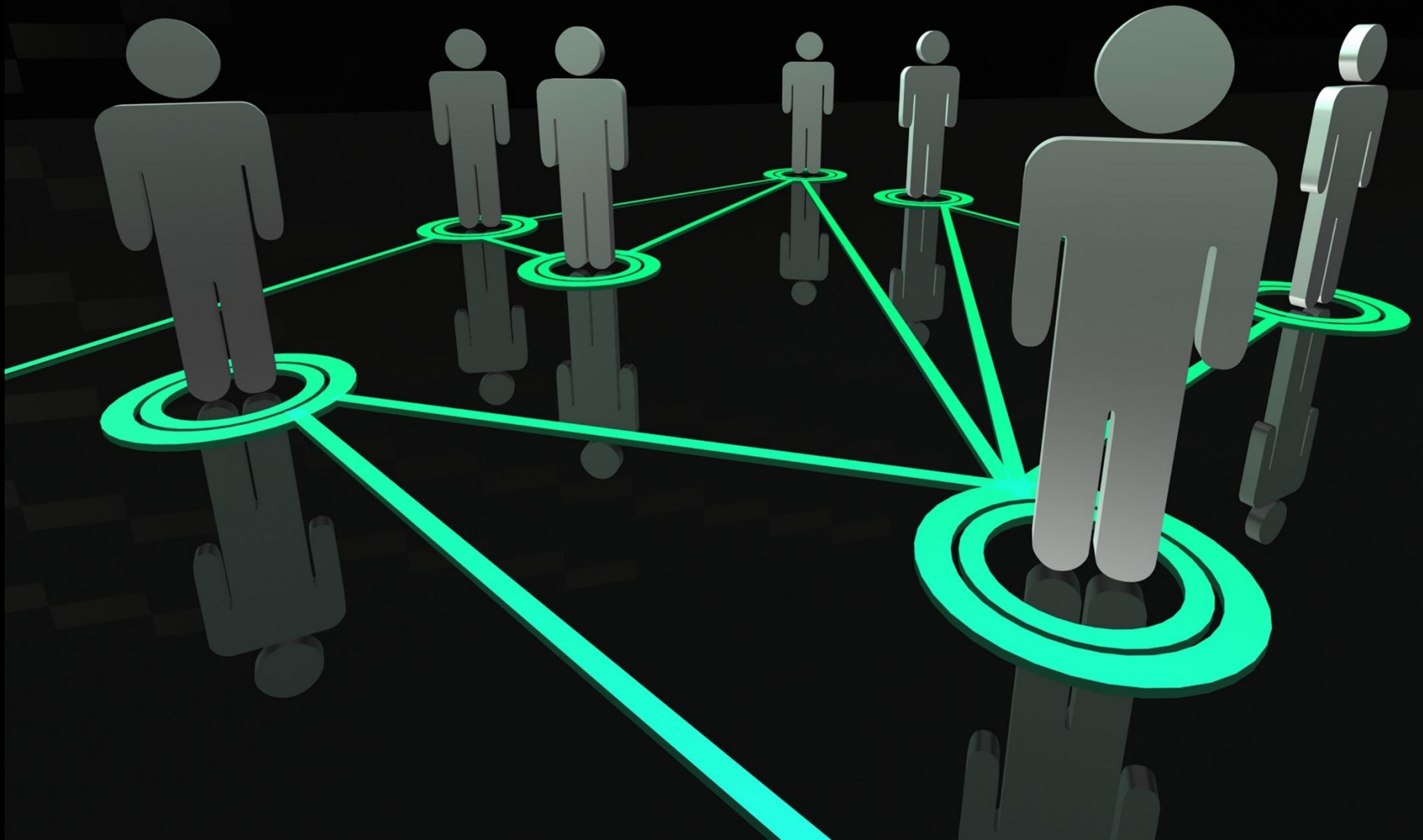
Build
to
Share



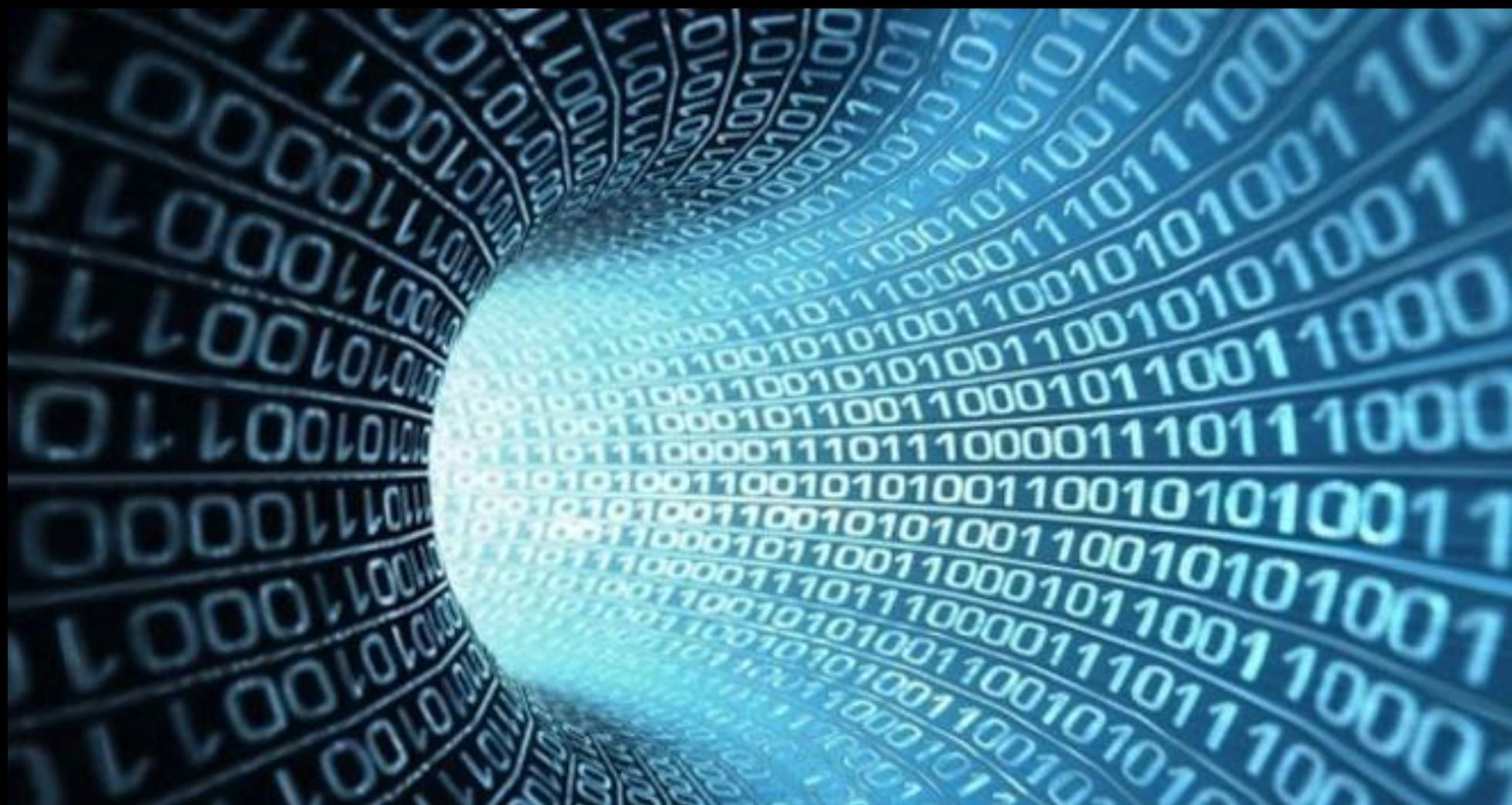
Design
for
Digital



A network that's fit for the digital era





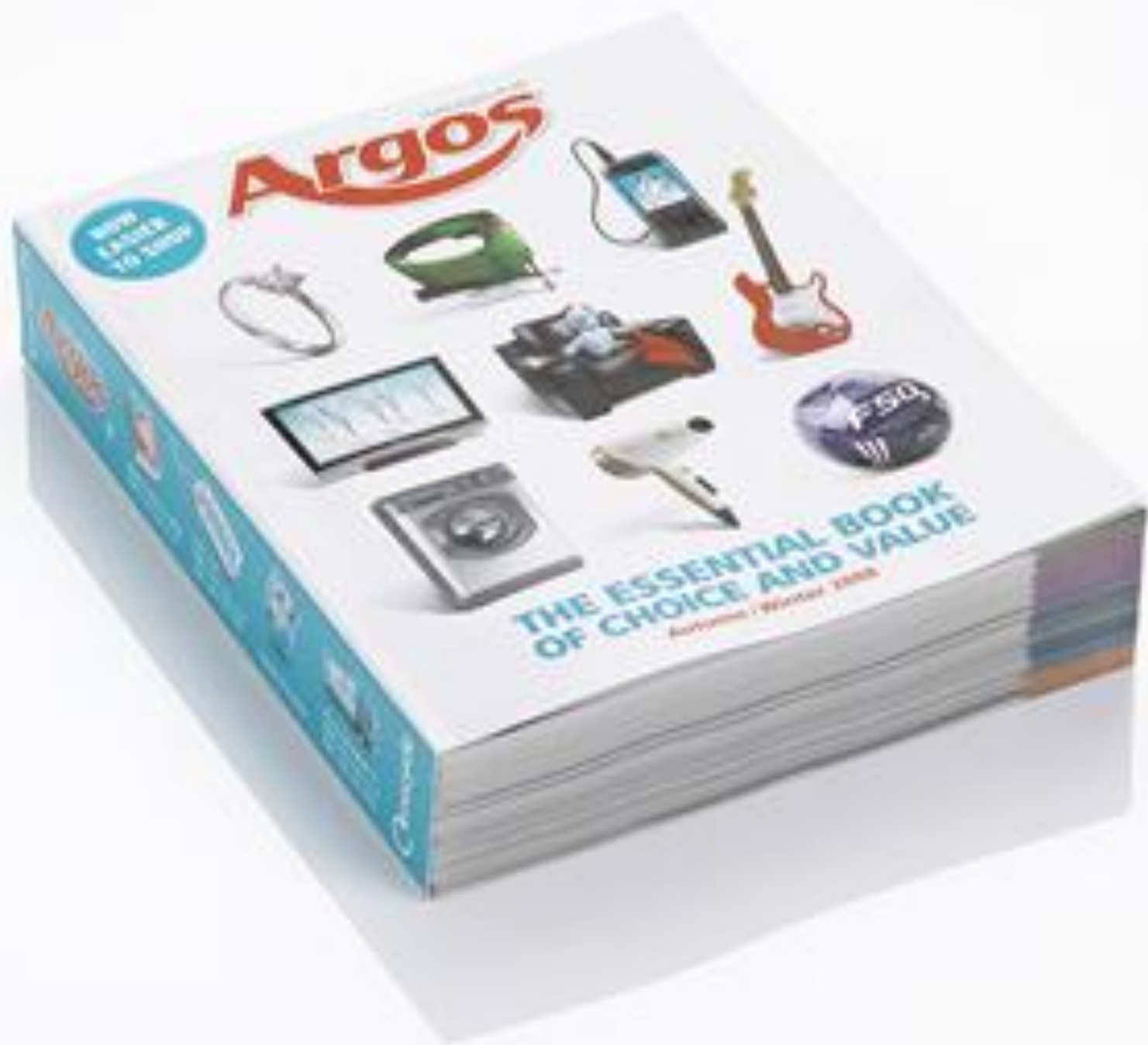




A new marketplace for the digital era

A marketplace for services





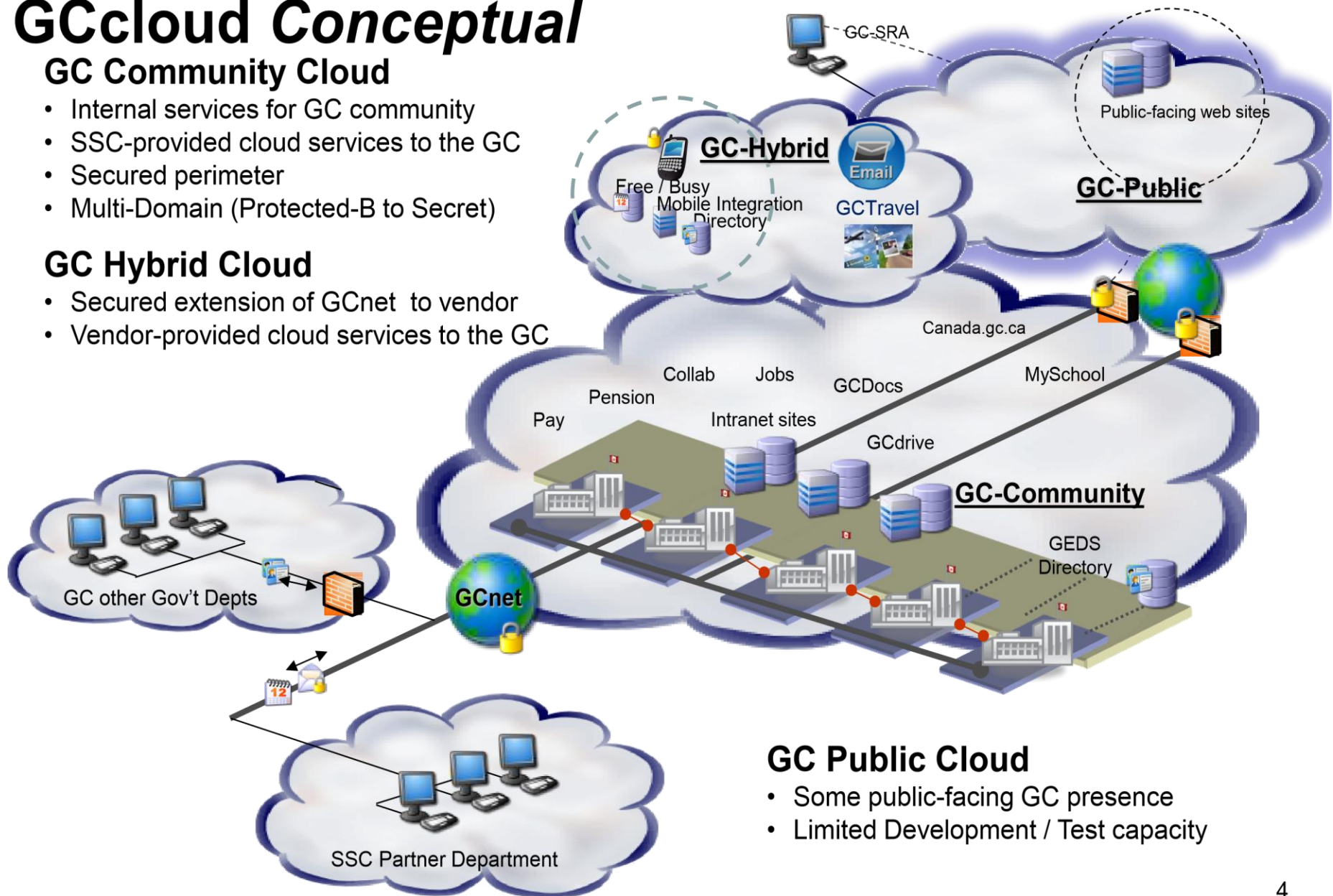
GCcloud *Conceptual*

GC Community Cloud

- Internal services for GC community
- SSC-provided cloud services to the GC
- Secured perimeter
- Multi-Domain (Protected-B to Secret)

GC Hybrid Cloud

- Secured extension of GCnet to vendor
- Vendor-provided cloud services to the GC



| Tier | Service | Connectivity | Management | Network | Hosting Location |
|------------|---------|-----------------------------|------------|--------------------------------|------------------------|
| Tier 1 | | GN - direct | | GN - Non Staff VLAN | Government Data Center |
| Tier 2 | | GN - direct | | GN - Non Staff VLAN | Commercial Data Center |
| Tier 3 | | GN - Non Staff VLAN | | Service provider's | Any |
| Tier 4 (a) | | Private Internet Peer to GN | | Service provider's | Any |
| Tier 4 (b) | | Internet | | Service provider's or internet | Any |

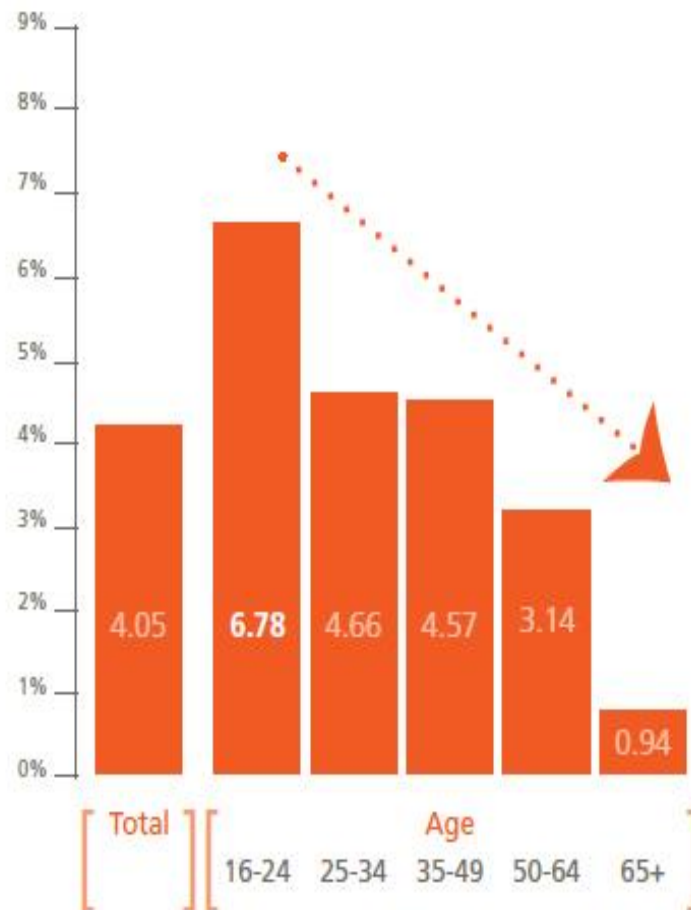






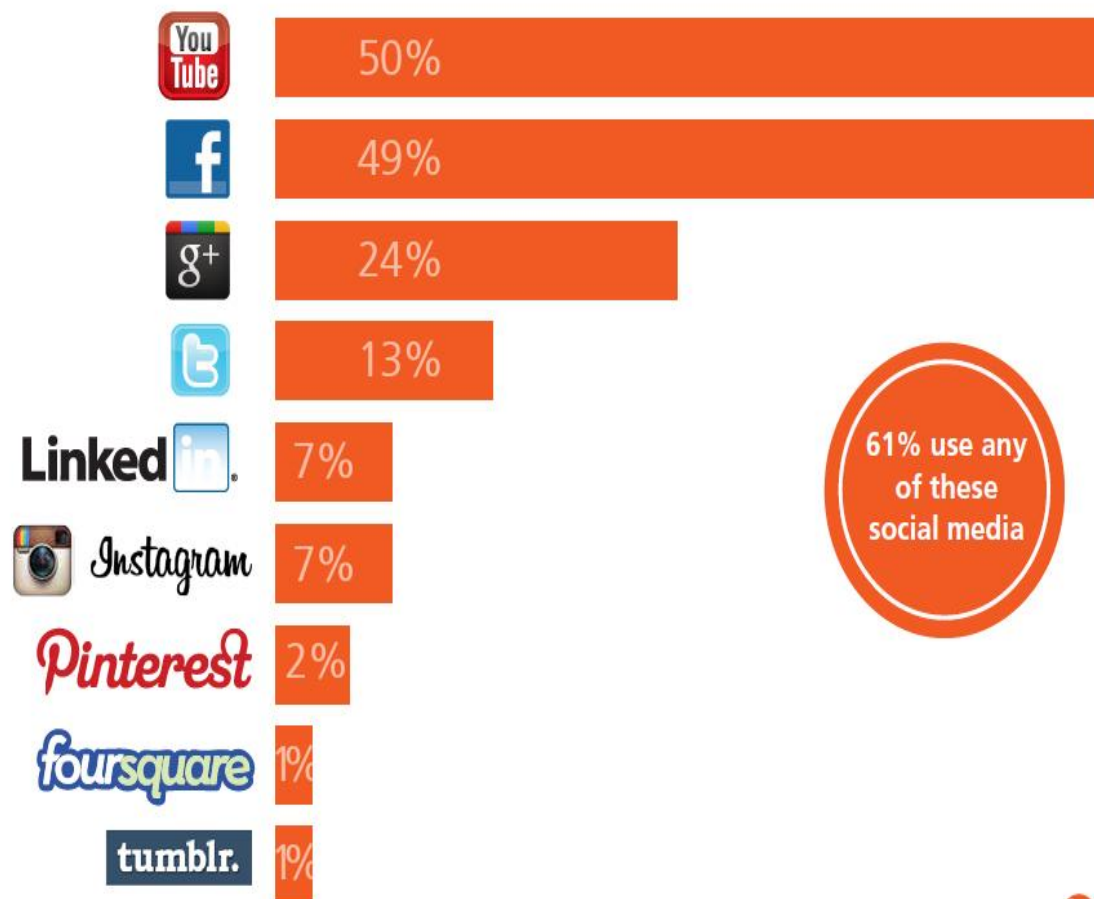
Design for Digital

Devices



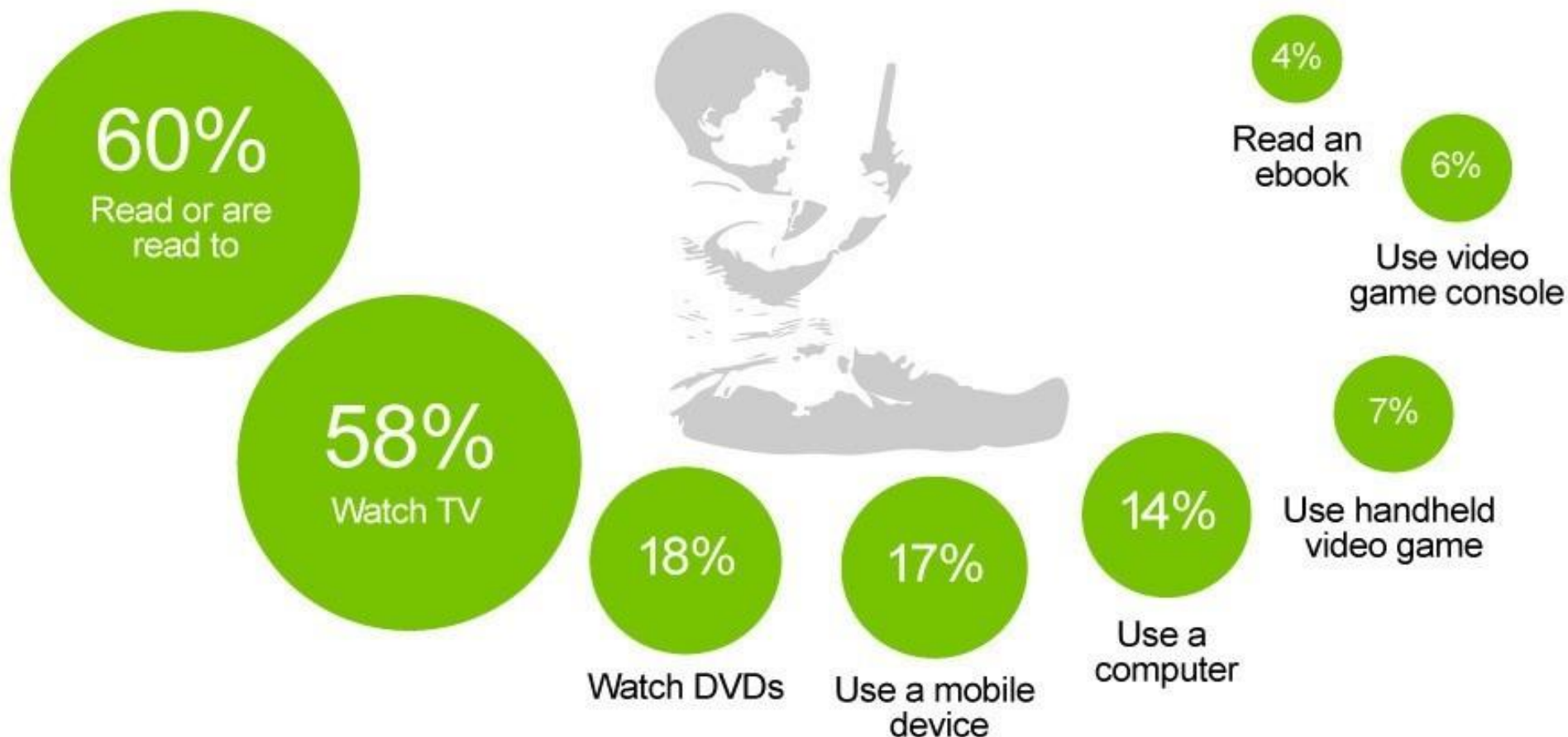
Social Media Usage Nowadays

Base: All Adults 16+



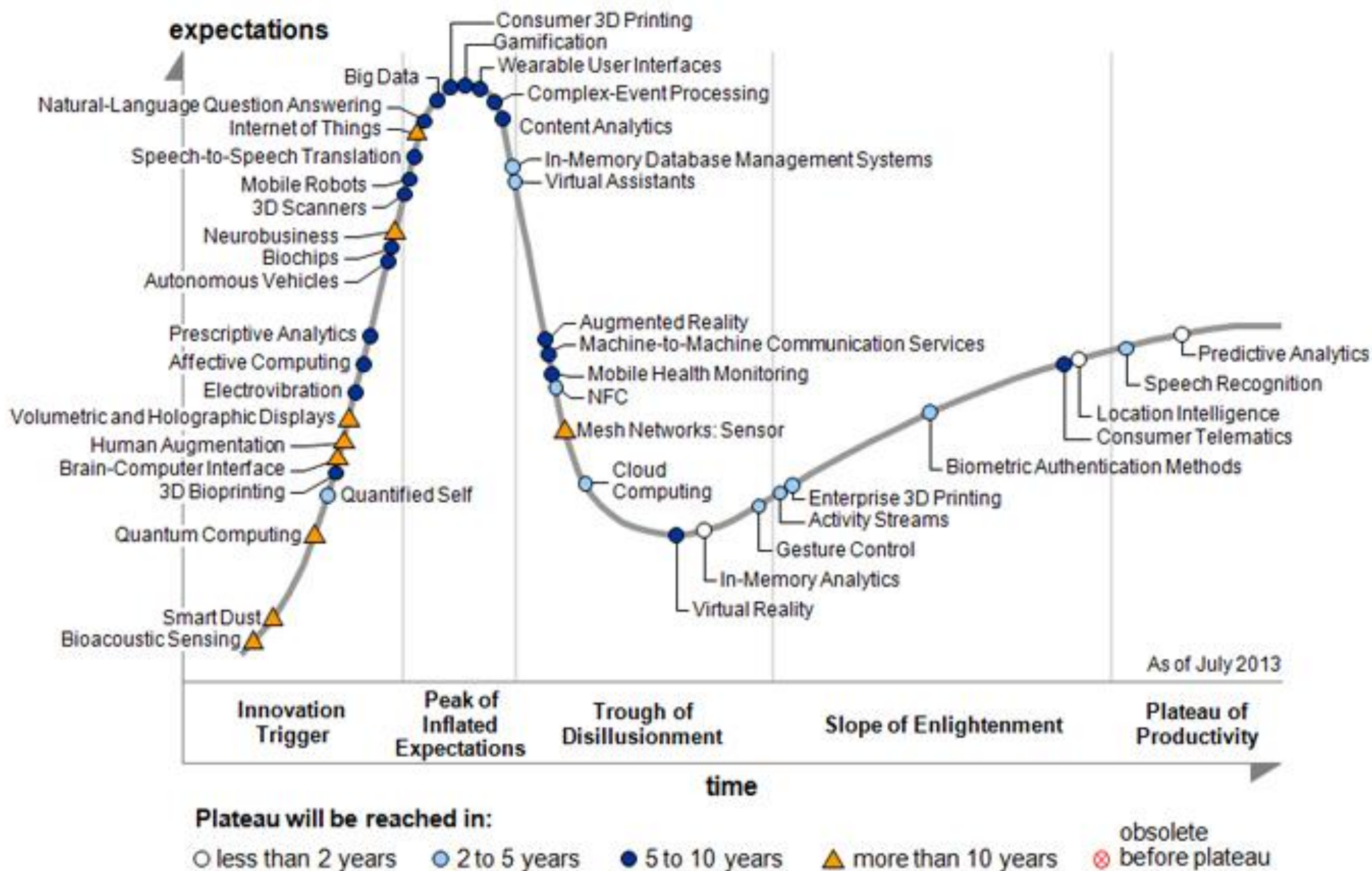
Nearly 1 in 5 Kids Use Mobile Devices Every Day

% of 0- to 8-year-olds in the U.S. who engage in the following media activities at least once per day*



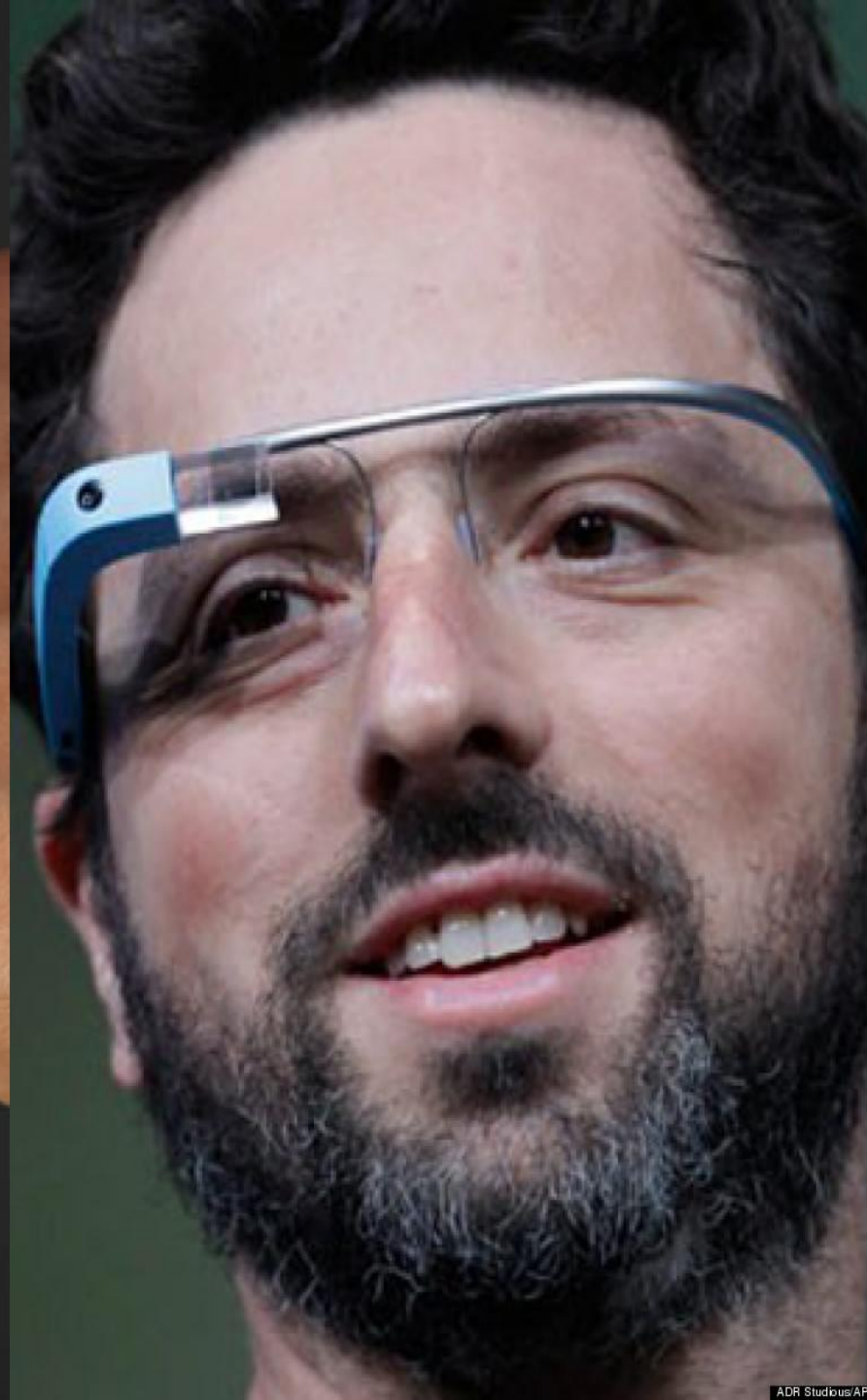
* based on a survey among 1,463 parents of children aged 0-8, May-June 2013

Figure 1. Hype Cycle for Emerging Technologies, 2013





Delivery of a new eHealth Ecosystem will take time







Invest
to
Transform



Build
to
Share



Design
for
Digital



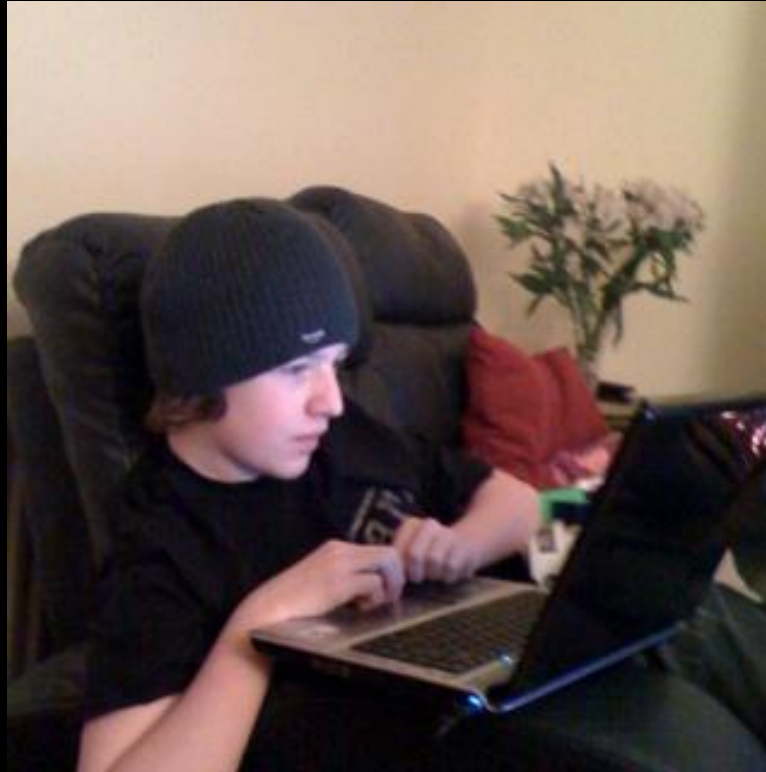
Identify top transactional services



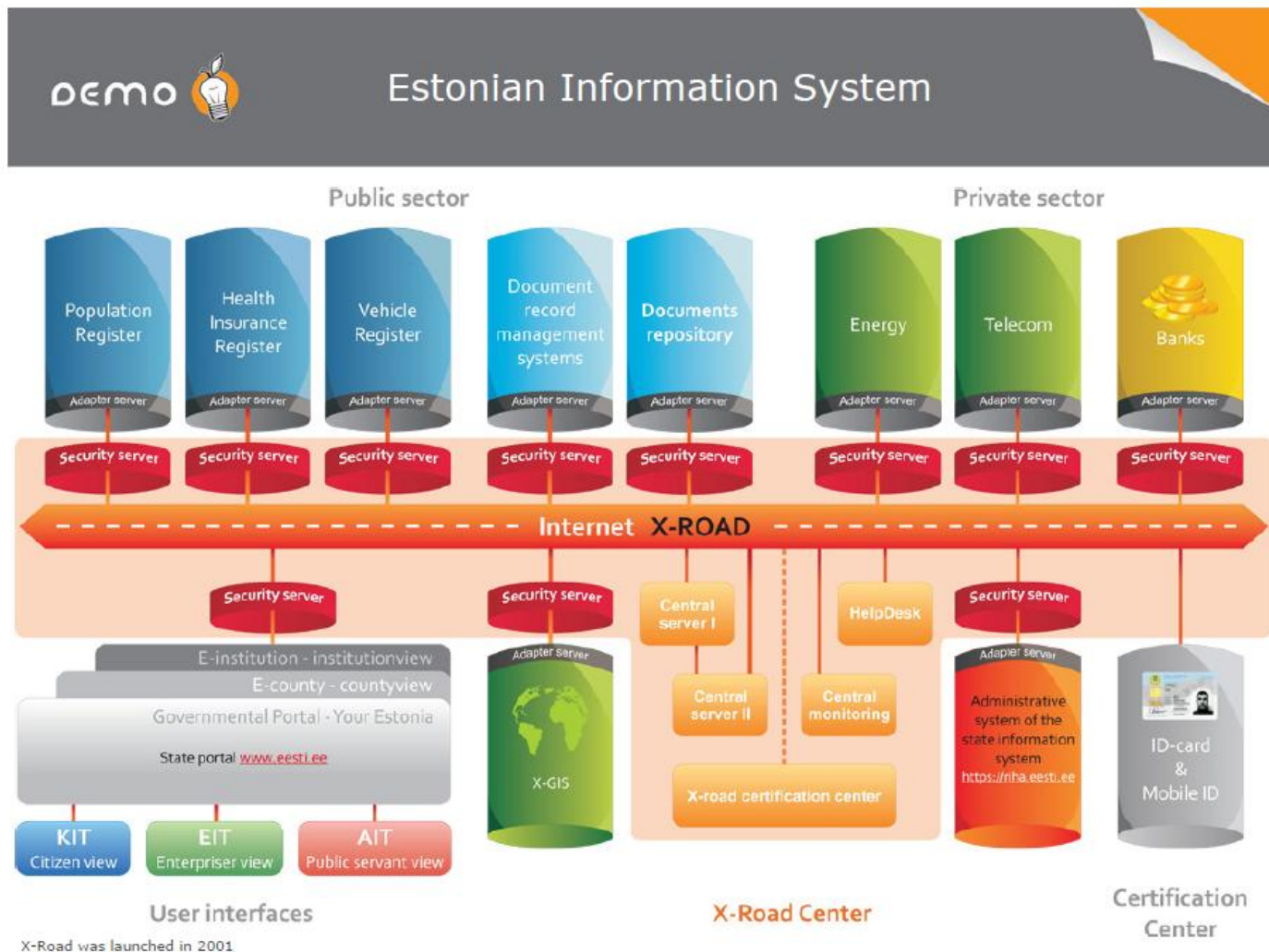
Focus on digitisation of processes



Automate Provisioning & Self Service



Citizen Account



More effective in meeting citizen/business needs



The background of the entire image is a dark blue field filled with glowing, out-of-focus binary code (0s and 1s). In the center, there is a faint, semi-transparent profile of a person's head and shoulders, facing left, as if they are looking at a digital screen. Two semi-transparent dark blue rectangular boxes are overlaid on the image, each containing yellow text.

**Data is the fuel of the
new digital age**

**‘Born digital’ is the
future**

Thank You



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STEM





Smart City Definition



A Smart City is an urbanized area where multiple public and private sectors cooperate to achieve sustainable outcomes through the analysis of contextual real time information shared among sector-specific information and operational technology systems

**Personal
Privacy
is Dead?**

