

# New Government New Year New Opportunities. What now?

Presented by Don Christie // 31<sup>st</sup> January 2018

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**catalyst** 

open source technologists

# whoami



open source technologists

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# Why this talk? Seize the day!



# Three Key Areas

**Economic Prosperity**

**Civil Society**

**Open Technology and Infrastructure**

# Economic Prosperity

ICT to become 2<sup>nd</sup> largest contributor to GDP

Access to Government contracts by Kiwi companies

Tax and investment – R&D to 2% of GDP

Research, science, innovation



# DIGITAL NATION

A SNAPSHOT OF NEW ZEALAND'S TECH SECTOR IN 2015

**28,749** tech sector firms

**23,415**

Information and Communications Technology

**5,334**

High-tech manufacturing

IN 2015 THE TECH SECTOR ACCOUNTED FOR

**8%** of the country's GDP

Contribution to GDP was almost twice that of the dairy industry



**\$8.9 billion**



**\$16.2 billion**

**\$6.3 billion in**  
**7% OF EXPORTS**  
goods and services exports

# Giant Step to 2<sup>nd</sup> ...



**“It’s unfair that small companies can’t deliver their dynamic and innovative solutions to government because the preferred supplier lists are dominated by multinationals who got lucky and cut super- profitable deals with an administration that demonstrated very little procurement capability”\***

\* Better for Less – Network for the post bureaucratic age



**Government has to make a fundamental  
shift from consumption to creation**

# Why local? We are the 41%ers

For every 1 dollar the government spends on a typical NZ owned IT services company, 41 cents is returned in tax.\*

“Government salaries & spending doesn't come from pixie dust.” - Don Christie, 31<sup>st</sup> Jan 2018

\*Economics NZ

# NZ Herald Reports

**20 Multinational Companies**

**Made \$10billion of Kiwi Sales**

**\$1.2 million income tax overall**

# Why local? It's the context, stupid!

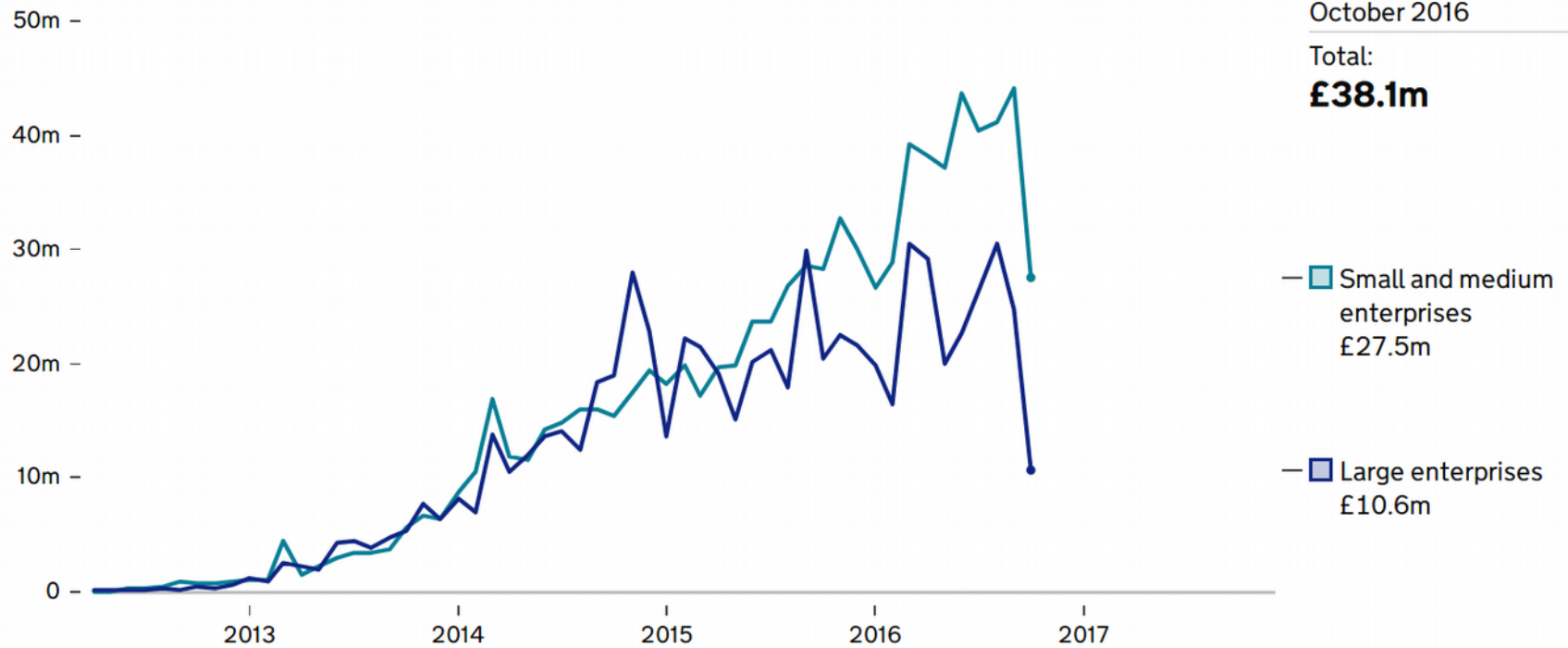




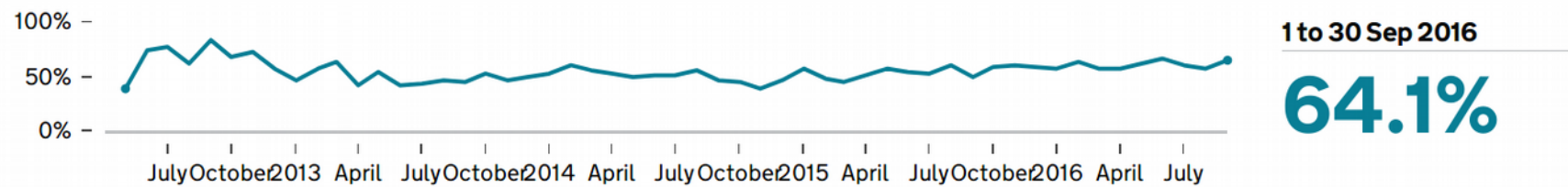
# Measure and report

**The direction is more important than the end point**

## Total sales by company size



## Percentage of sales from small and medium enterprises



# Other things

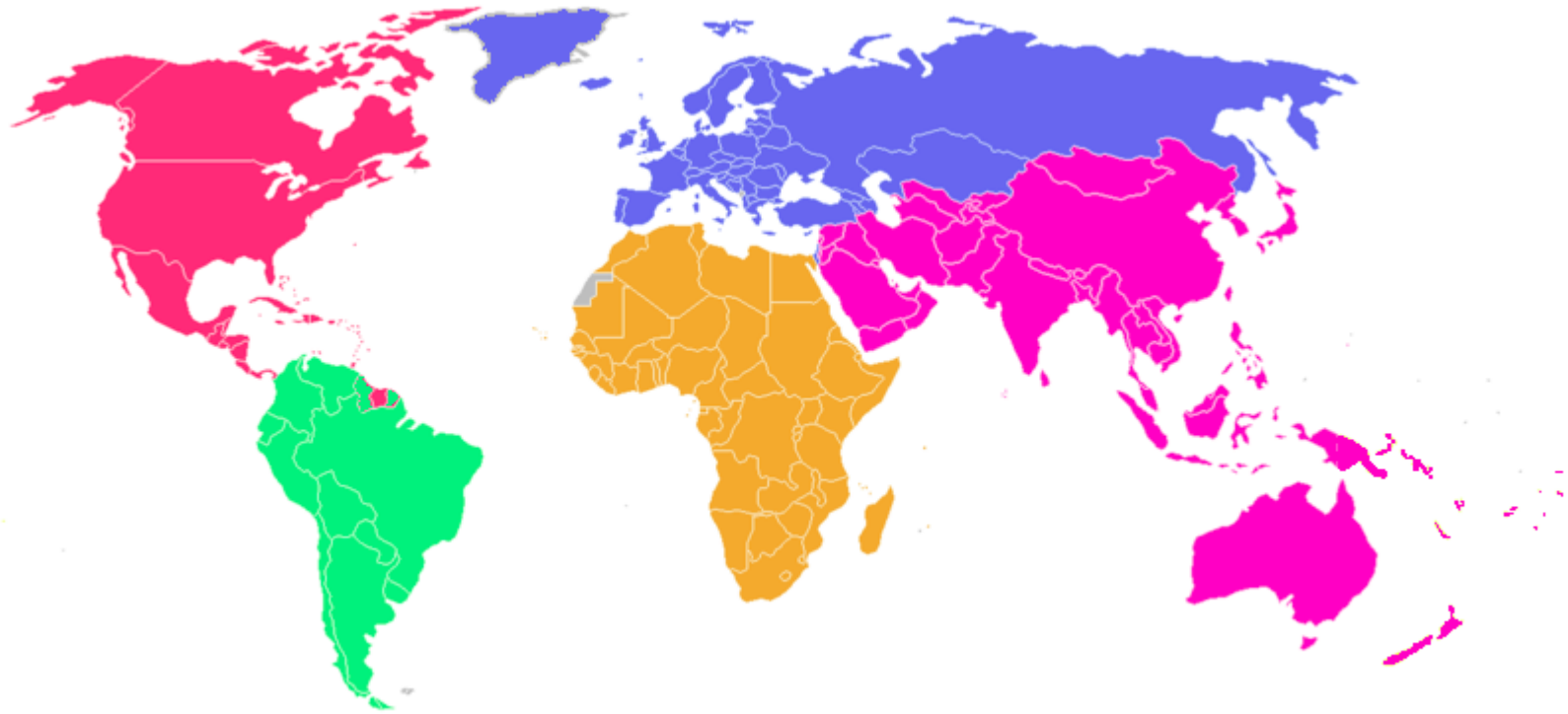
Panels have failed and are anti-competitive

Keep things modular, agile, repeatable

MBIE provide support to help NZ companies improve competency

Syndicated procurement the default

# Government business turns us into exporters

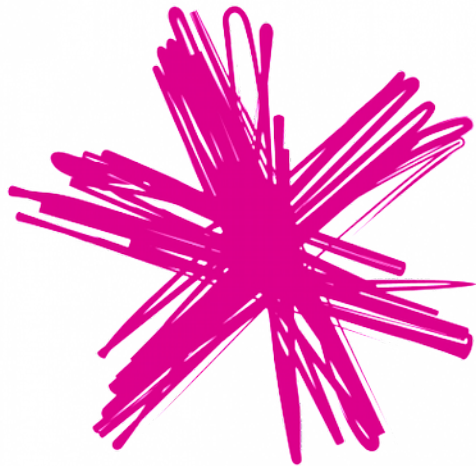




# Corporate NZ – We're a Community



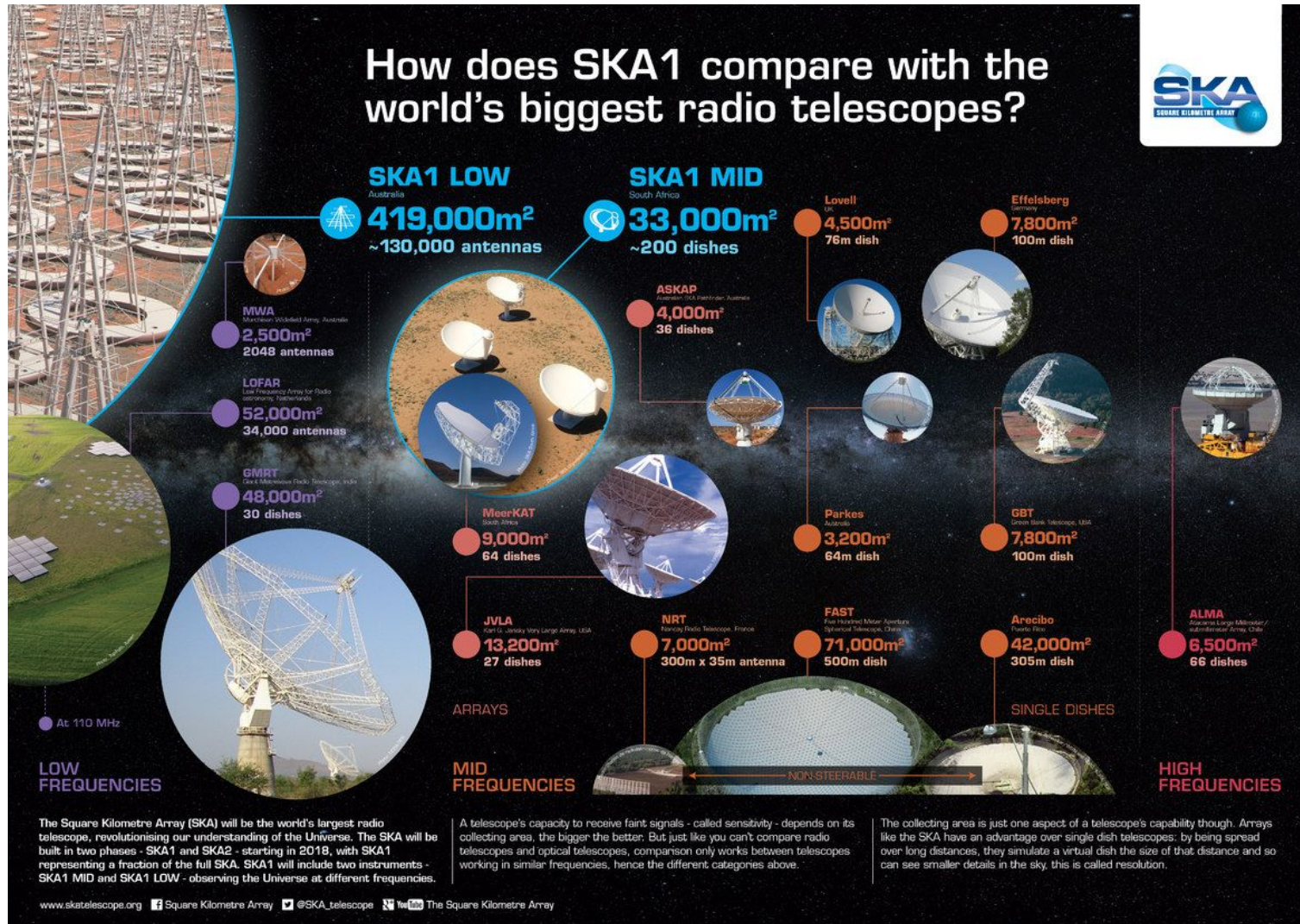
AIR NEW ZEALAND



Spark



# Research and Science



# Civil Society

## “The market will not bring digital equity”

Open everything

Digital bill of rights & privacy

Digital citizenship & democracy

Curriculum reform

Schools & digital literacy

Gender pay gap

# Fundamental Duty of Care

**We have a collective responsibility**

**Government does not stop digital delivery at the API layer**



# General Data Protection Regulation - EU

Privacy notices & consent

Extends scope of EU data laws

Applies to service providers

Right to “be forgotten”, erasure

Mandatory breach notification

Accountability

Data portability



# MATAUKA HIGH SCHOOL

*"THE FOUNDATION OF EVERY STATE IS THE  
EDUCATION OF ITS YOUTHS"*

DIOGENES LAERTIUS

*"WHEN BOOKS ARE OPENED, WE DISCOVER THAT WE HAVE WINGS"*

HELEN HAYES

# Open Knowledge

**“The school's founders believe that the commodification and ownership of knowledge is the primary reason for the inequity in access to quality educational resources. While the Internet may have created a proliferation of digital content and learning tools, the relationship between technology creation, knowledge building, access, and ownership remains skewed for most people in society”**

The Tamarind Tree School, India

[https://opensource.com/article/18/1/tamarind-tree-school-india?sc\\_cid=70160000001273HAAQ](https://opensource.com/article/18/1/tamarind-tree-school-india?sc_cid=70160000001273HAAQ)

# Change the Cabinet Mandate?

**“Digital Rights First, Cloud Last”**



# Open Technology

**Ubiquitous access**

**Open Standards**

**Open Source**

# EAs ... What are you good for?

...Open standards

Fundamental to IT

Allows modularity, flexibility, innovation

Great for TCO

Mandated by other governments

Supports open data

Basic for cloud adoption

# Open Source

**Lack on strategy in government's behalf is wilful blindness**

**D5 Charter**

**99.9% of all “internet age” companies built on open source**

**Biggest TCO savings opportunity**

**Open, flexible, collaborative, innovative**

# Open Source Working Group



# Our Duty of Care – Empowering our communities, calling in the Bull

