



**Asia-Pacific
Economic Cooperation**

2019/SOM1/EC/WKSP2/009

Steering Singapore's Digitalisation Efforts

Submitted by: Singapore



**Workshop on the Digital Economy:
Measurement, Regulation and Inclusion
Santiago, Chile
6 March 2019**



STEERING SINGAPORE'S DIGITALISATION EFFORTS

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6 March 2019

SG:D

 **INFOCOMM
MEDIA
DEVELOPMENT
AUTHORITY**

Develop and regulates the infocomm and media sectors in Singapore through an emphasis on talent, research, innovation and enterprise, as well as promote and enforce personal data protection to foster an environment of trust amongst businesses and consumers.

**DIGITAL
CHAMPION**



**Drive digitalisation
across industries**

**Supporting a digitally
enabled workforce**

**INDUSTRY
DEVELOPER**



**Develop digital tech
and media industries
as an engine of growth
for Singapore**

**Foster a data
ecosystem for the
digital economy**

ENABLER



**Master-planner for
connectivity, digital
infrastructure &
standards**

**Prepare tech & media
manpower, and
society to be digitally-
ready**

**REGULATOR &
PROTECTOR**



**Ensure resilient telecom
& broadcast networks**

**Govern market conduct
and protect consumer
interest through
infocomm, media, postal
and data protection
regulation**

THE DIGITAL ECONOMY BLUEPRINT

STRATEGIES TO PREPARE SINGAPORE FOR THE FUTURE ECONOMY

GOAL

SINGAPORE AS A LEADING DIGITAL ECONOMY WHICH CONTINUALLY REINVENTS ITSELF

STRATEGIC PRIORITIES

ACCELERATE



DIGITALISING INDUSTRIES

Accelerate digitalisation of existing sectors

COMPETE



INTEGRATING ECOSYSTEMS

Grow Singapore's competitiveness by fostering new ecosystems, enabled by digital

TRANSFORM



INDUSTRIALISING DIGITAL

Developing the next gen digital industry as an engine of growth

ENABLERS

TALENT

RESEARCH & INNOVATION

POLICY, REGULATIONS & STANDARDS

PHYSICAL & DIGITAL INFRASTRUCTURE

SINGAPORE'S ASPIRATIONS

LEADING

Singapore among the top three digital economies in the world

DIGITAL ECONOMY

Singapore's existing sectors embrace the digital disruption

REINVENTS ITSELF

New growth areas and technology focus that are continuously reviewed

MEASURING SUCCESS - DIGITAL ECONOMY METRICS

The Digital Economy (“DE”) metrics serve to inform whether Singapore’s DE is moving in the right direction to achieve the objectives of:



Being a leading Digital Economy in the world



Contributing positively to Singapore’s economic growth & competitiveness

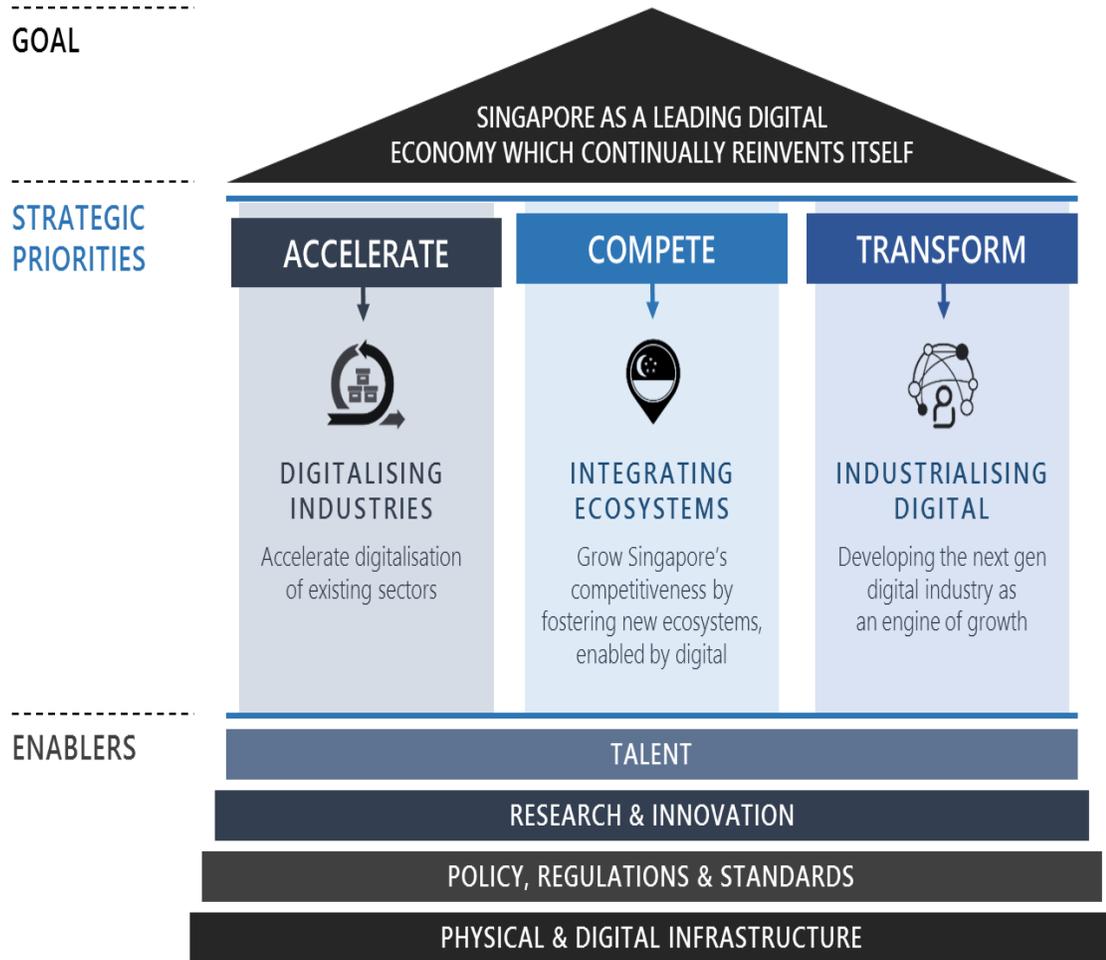


Raising the digital competitiveness of sectors, businesses & workforce



Creating Singapore’s next-Gen ICM and technology sector

MEASURING THE DIGITAL ECONOMY



Considerations

- Benchmark Singapore's DE against other countries, in areas such as competitiveness, future readiness and digital trust.

Accelerate: Metrics to measure the state of digitalisation of key sectors, in terms of **investment in, utilisation, and outcomes of digitalisation**.

Compete: Metrics to measure the **input, process and output** from innovation and new ecosystems.

Transform: Metrics to measure the **impact of digitalisation on the growth of the ICM sector**, in terms of revenue and productivity growth and internationalisation.

Metrics in the enablers to measure the **availability, adoption and impact of critical enablers**, ecosystem and environment to support the development of the digital economy.

APEC TEL PROJECT: DIGITAL ECONOMY – STRATEGIES AND MEASUREMENTS

- Singapore-led self-funded project to support the adoption and development of DE strategies and measurements among APEC economies.
- Two phased project: **(1)** workshop for APEC economies to share DE strategies and measurements; **(2)** survey and development of a guide on DE measurement.
- Workshop was completed in October 2018. Key learnings:
 - While many APEC economies have put in place DE strategies, the development of a robust DE measurement framework is still very much work in progress.
 - Existing ICT indicators useful to provide an indication of digital readiness, but challenging to identify and quantify other indicators and metrics to be measured, e.g. impact and value-add of sharing economy to GDP.
- Phase 2 has started with a survey to APEC economies, with a view to identifying a guide of possible indicators to measure DE.



THANK YOU

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MEDIA
DEVELOPMENT
AUTHORITY