Steering Singapore’s Digitalisation Efforts

Submitted by: Singapore
STEERING SINGAPORE’S DIGITALISATION EFFORTS

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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
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

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

**Considerations**

- **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.
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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SG:D

INFOCOMM MEDIA DEVELOPMENT AUTHORITY