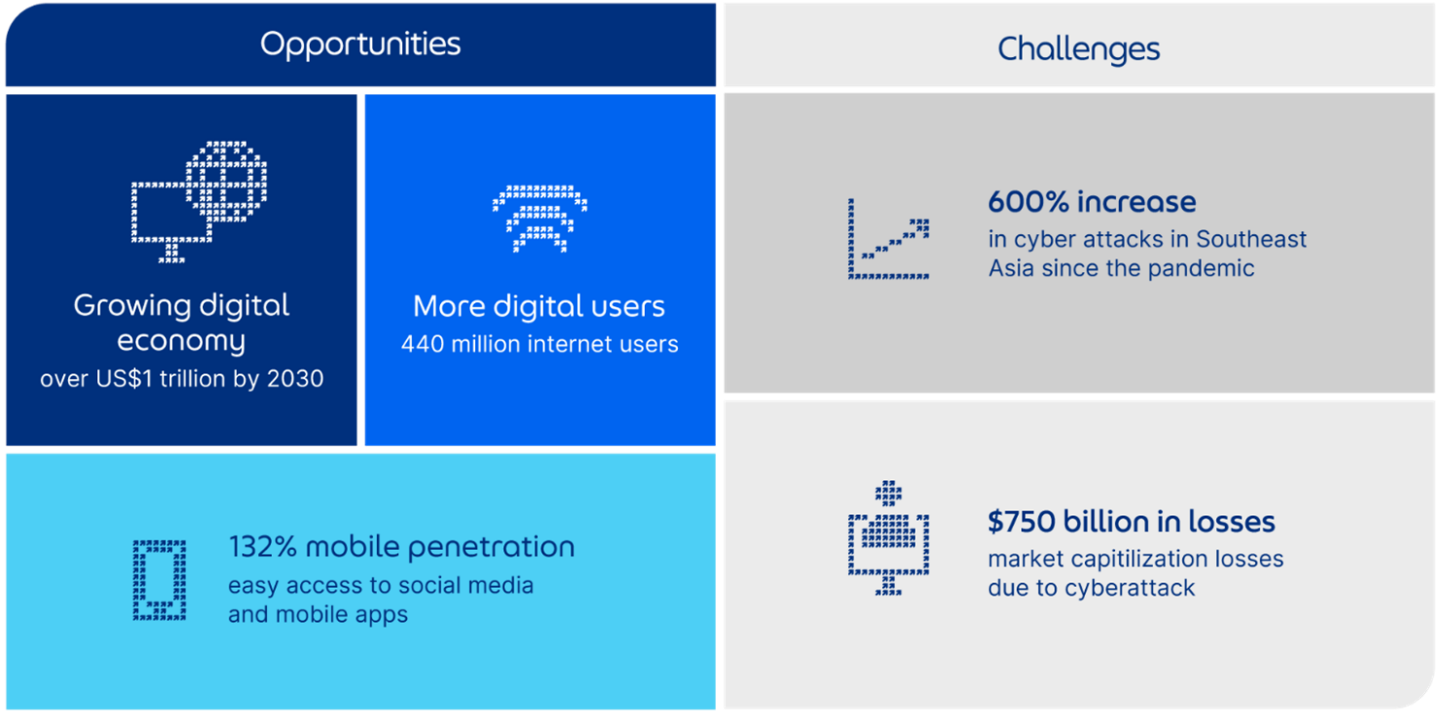
TECH FOR GOOD INSTITUTE

Keith Detros, Programme Lead Tech for Good Institute

Towards a Resilient Cyberspace in Southeast Asia

Southeast Asia's digital economy is full of opportunities, but it is not without risks.



Source: Google, Temasek, & Bain and Company (2022);
We are Social (2021); United Nations Office on Drugs and Crime (2021); AT Kearney (2018).

TECH FOR GOOD INSTITUTE

Building cyber resilience is key to maximising the benefits of the region's digital economy.

ASEAN has a vision of a peaceful, secure and **resilient** regional cyberspace that serves as an enabler of economic progress.

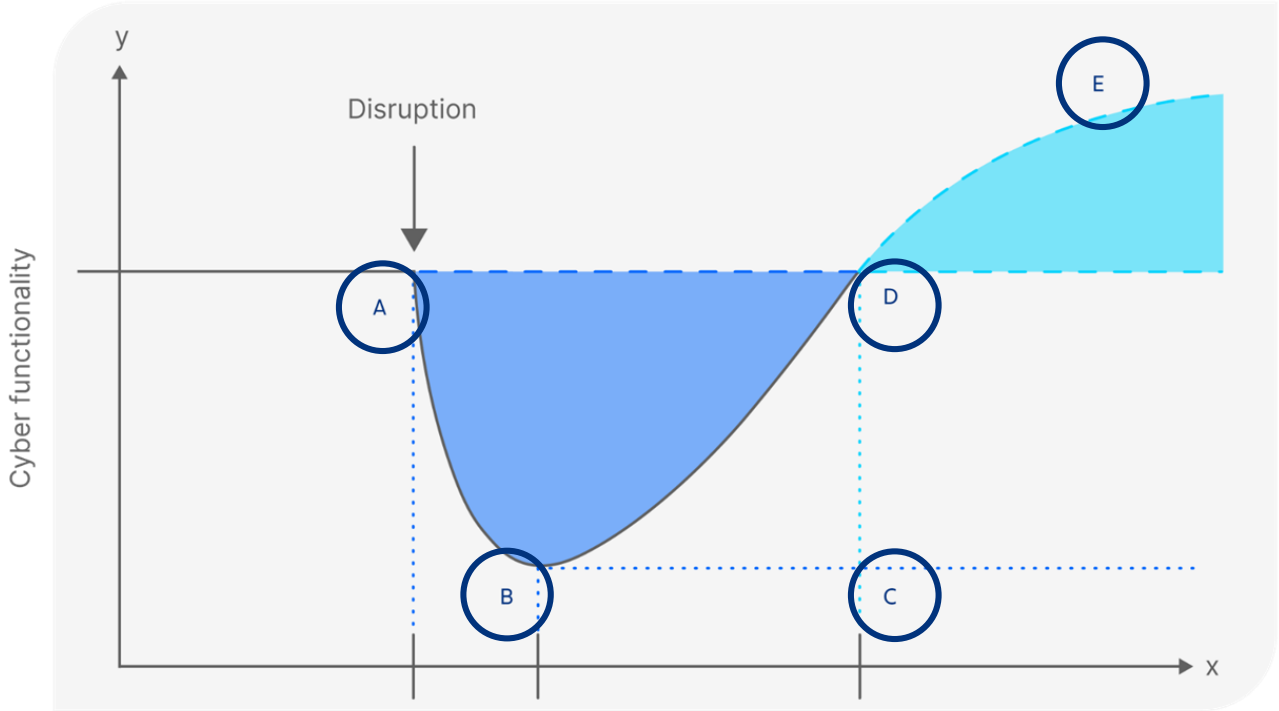
- ASEAN Leader's Statement of Cybersecurity Cooperation, 2018

- There is opportunity to operationalise “resilience”.

- Resilience includes the recognition that:
  - attacks are inevitable;
  - uncertainty is constant;
  - adaptability is important.

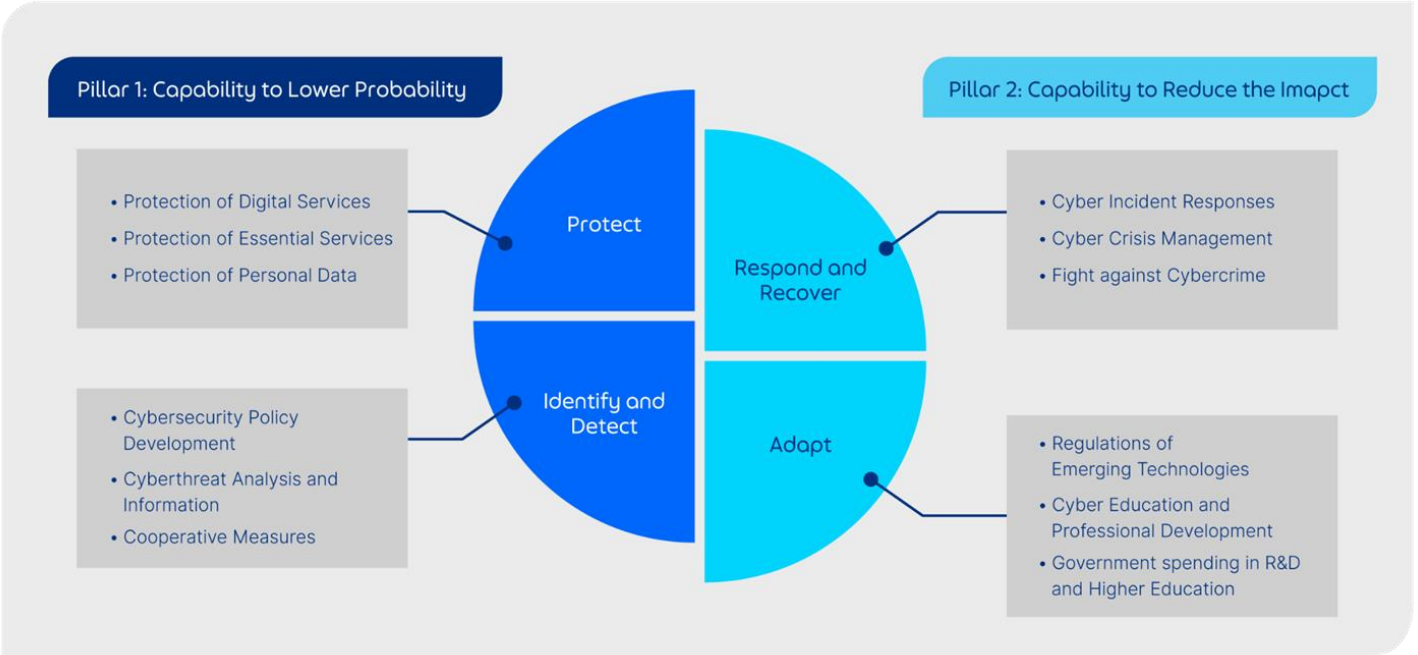
TECH FOR GOOD INSTITUTE

Cyber resilience is the capability to adapt to constantly evolving cyber threats.



Source: Tech for Good Institute, 2023

The Cyber Resilience Framework uses publicly available resources.

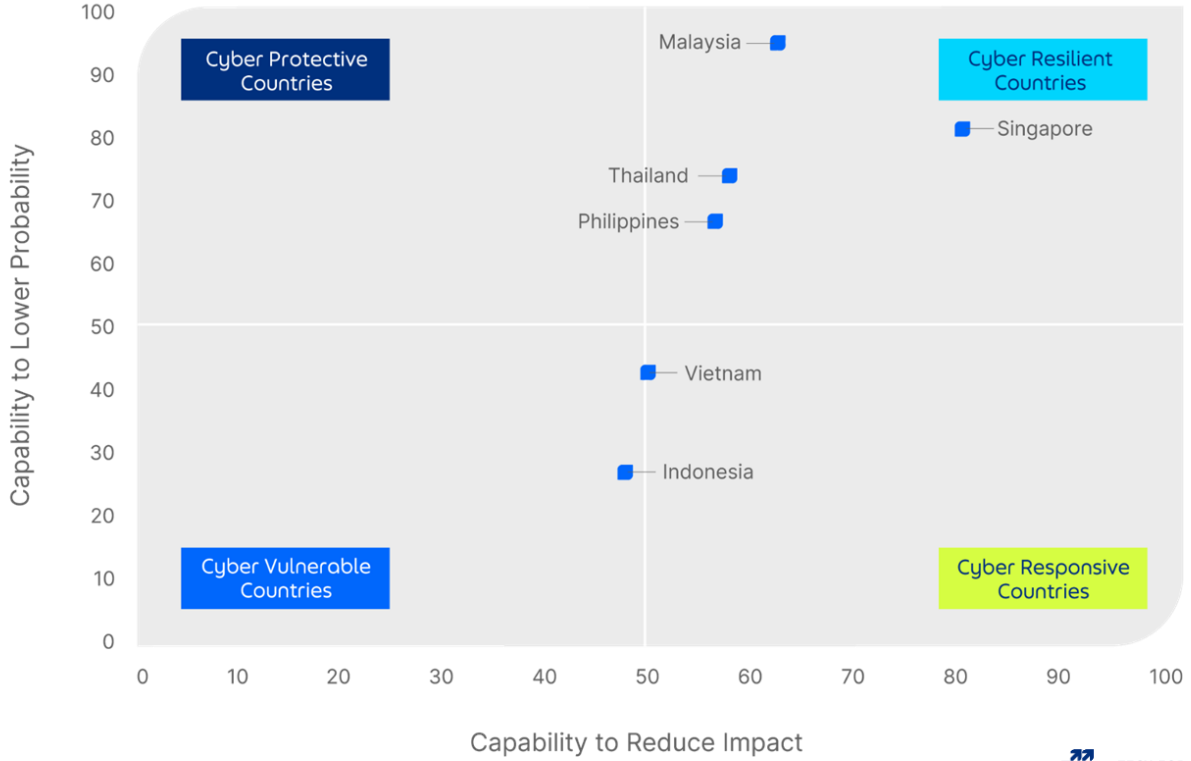


Source: Proposed Cyber Resilience Framework

TECH FOR GOOD INSTITUTE

Southeast Asia’s cyber resilience journey varies.

- Varying levels of cyber resiliency in Southeast Asia.
- Commitment of some countries to resiliency with the important need for everyone converge.



Source: Cyber Resilience Framework

TECH FOR GOOD INSTITUTE

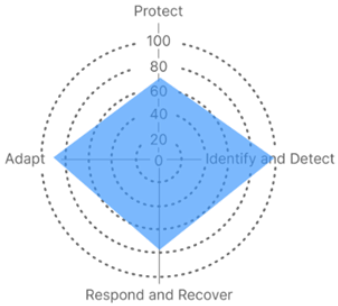
Country Profiles

Indonesia

Malaysia

Philippines

Singapore



Thailand

Vietnam

TECH FOR GOOD INSTITUTE

Key considerations to improve resilience in Southeast Asia

Pillar 1: Capacity to Lower Probability

Protect

Need for data protection agencies and coordination with one another.

Identify and Detect

Increasing importance of talent to secure digital progress.

Pillar 2: Capacity to Reduce the Impact

Respond and Recover

CSIRTs will benefit from coordination within and beyond borders.

Adapt

Build a culture of cyber resilience.

Read our full paper:

https://techforgoodinstitute.org/research/tfgi-reports/towards-a-resilient-cyberspace-in-southeast-asia/

TECH FOR GOOD INSTITUTE


TECH FOR
GOOD
INSTITUTE