

Assessing National Cybersecurity Capacity in the Pacific



OCSC
Oceania Cyber Security Centre



Global
Cyber Security
Capacity Centre



The Oceania Cyber Security Centre (OCSC)

- Not-for-profit located in Melbourne, Australia and funded by the Victorian government & 8 member universities
- Provide a front door to access over 120 cyber security experts across 8 universities from technical expertise through to strategy, policy and law
- Focused on collaboration and partnering with universities, industry and governments on research and capacity building
- Regional research and deployment partner with the Global Cyber Security Capacity Centre (GCSCC) at the University of Oxford for CMM reviews in the region

OCSC Experts

Funded by



THE UNIVERSITY OF
MELBOURNE



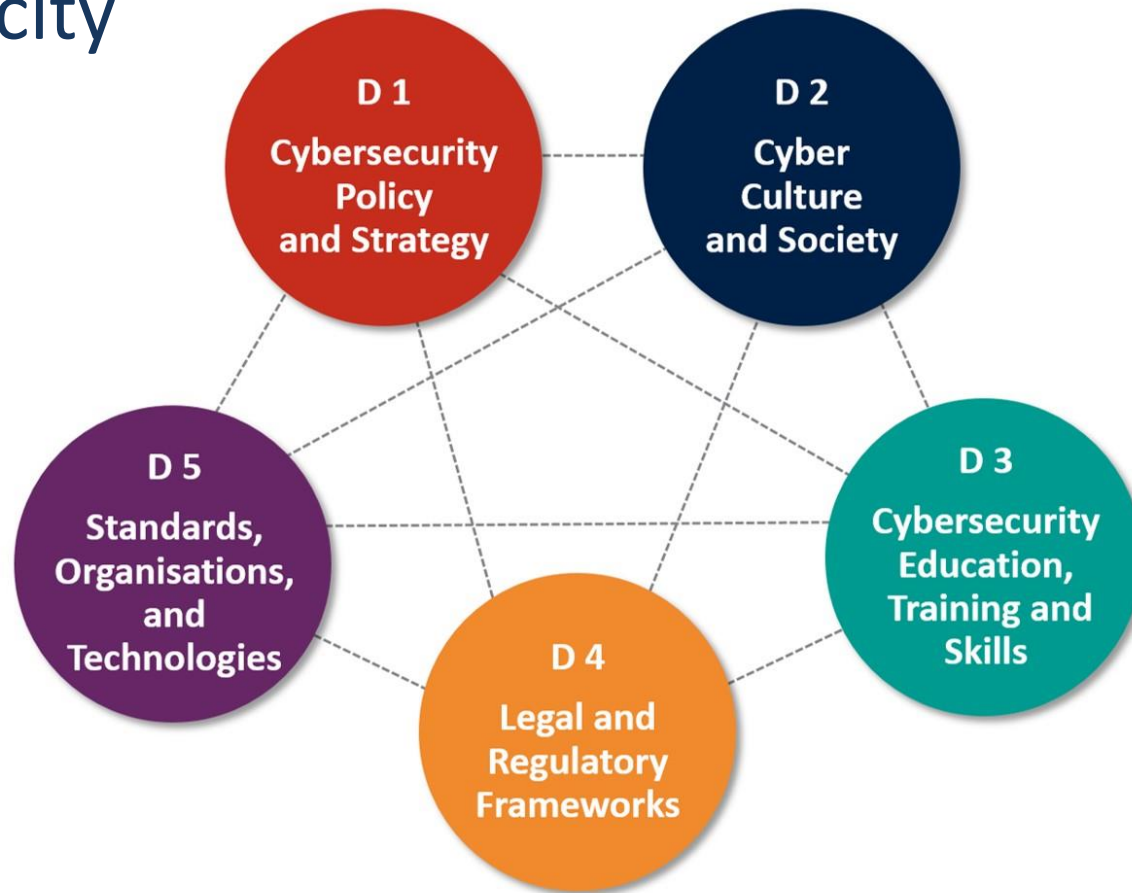


Cybersecurity Capacity Maturity Model for Nations (CMM)

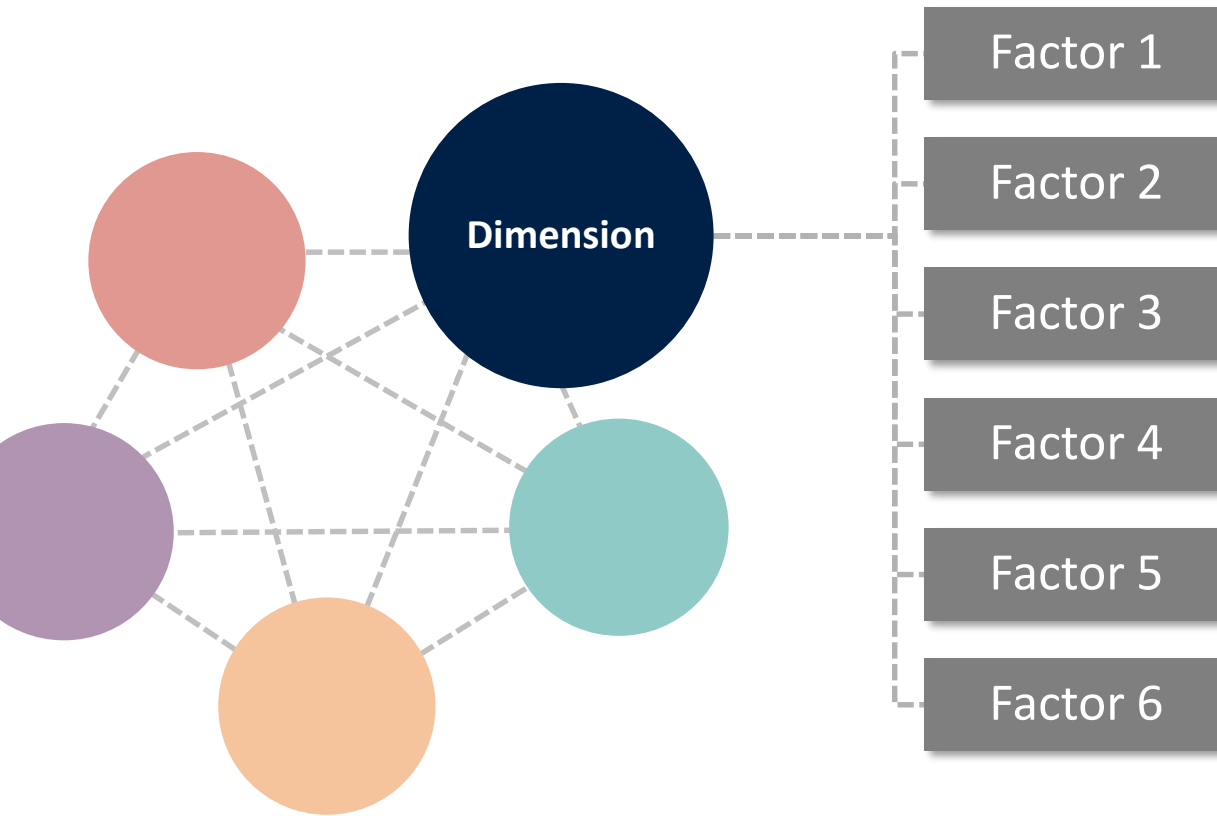
Why use the CMM?

- Provides holistic nation specific assessment of dimensions related to cybersecurity
- Developed with both input from experts with practical knowledge and lessons learnt from nations using it
- Meets the requirements for capacity building at a national level
- Knowledge generated will assist to inform the government and organisations to adopt policies and make investments to enhance safety and security in cyberspace
- Data and findings can drive research projects across dimensions

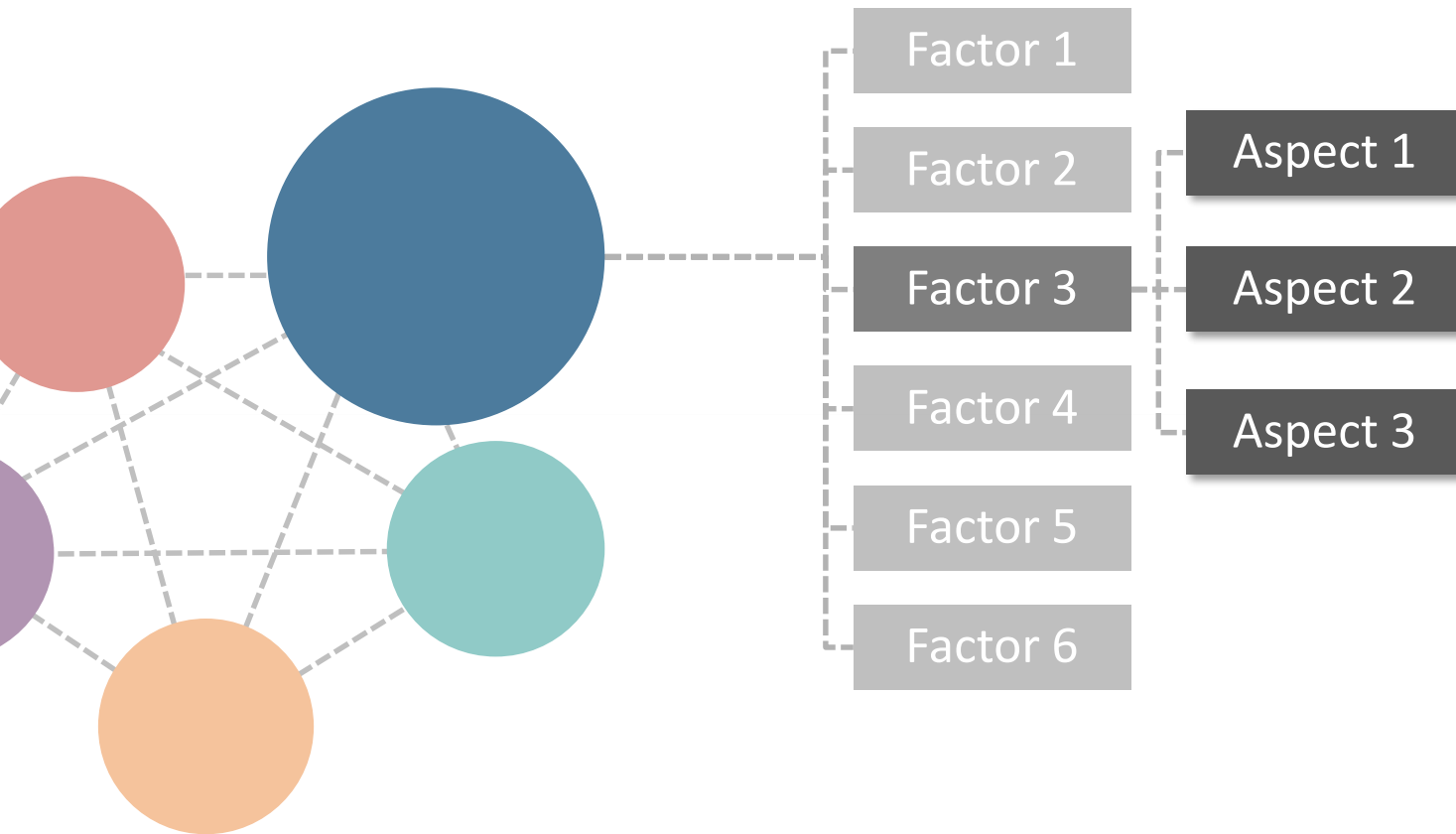
The 5 DIMENSIONS of Cybersecurity Capacity



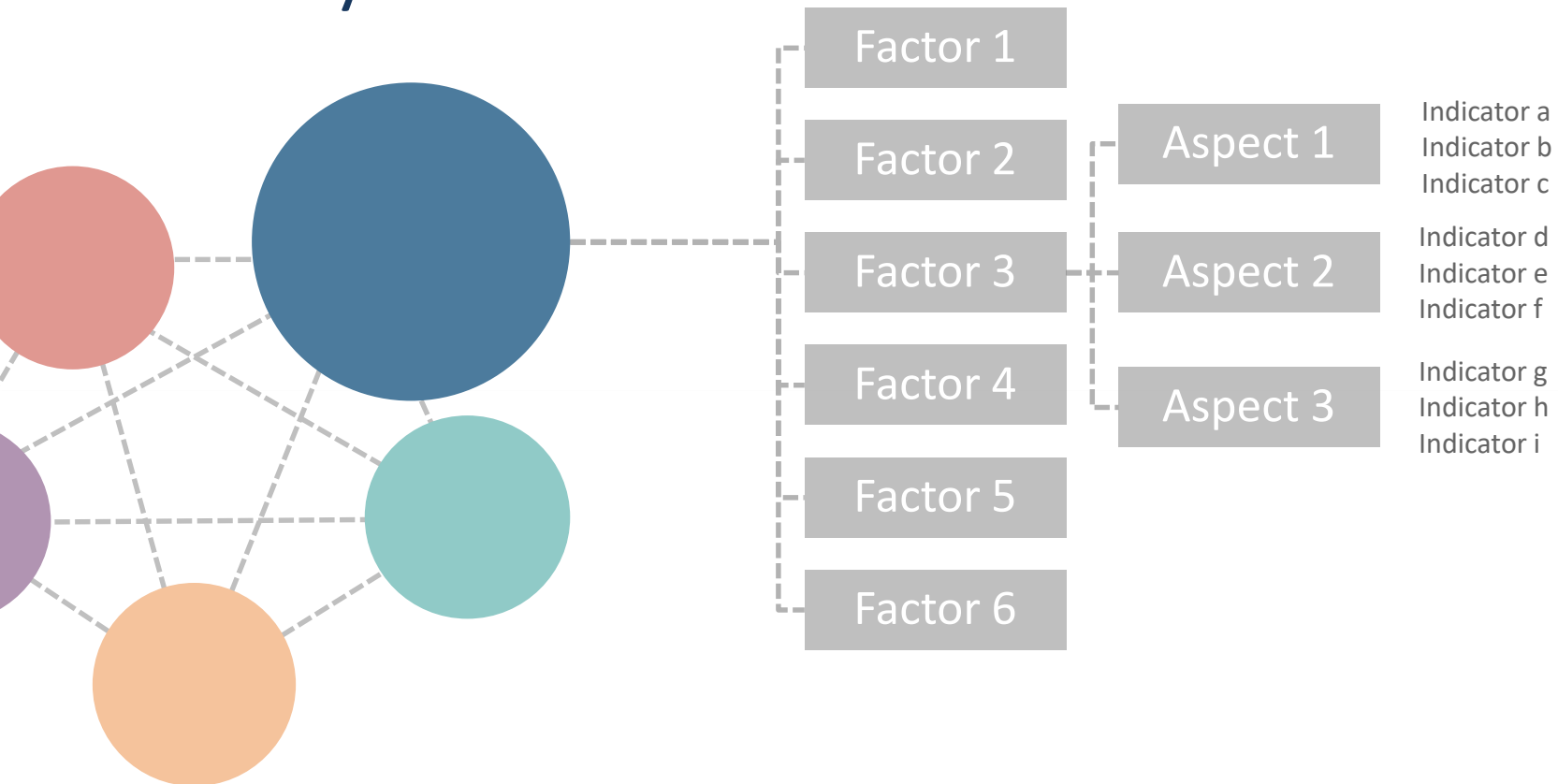
FACTORS: What it means to possess cybersecurity



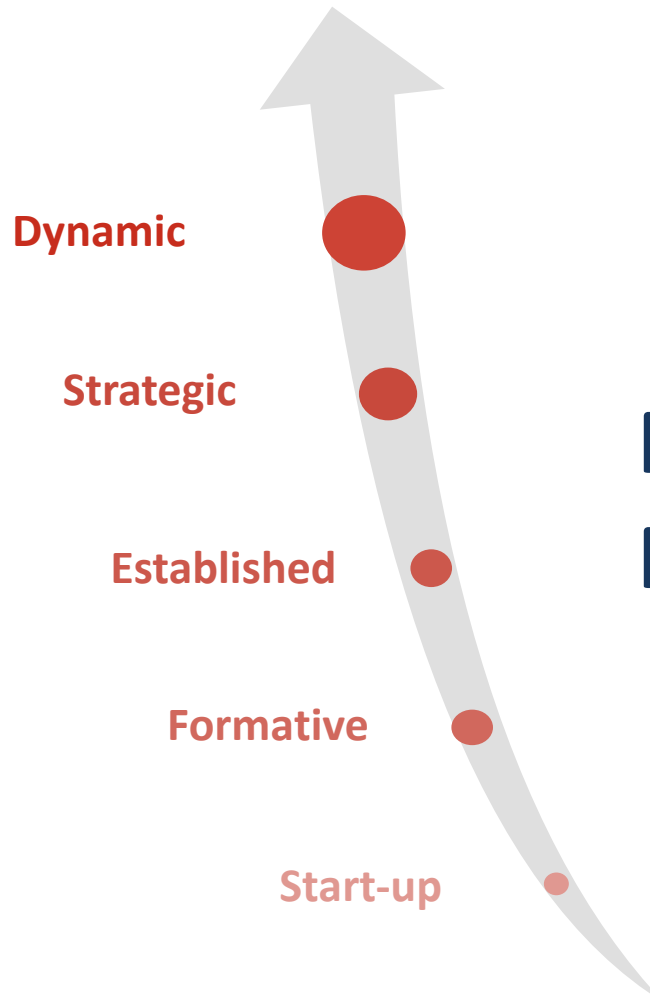
ASPECTS: Structure the Factor's content into more concise parts



INDICATORS: Describe what it means to possess cybersecurity capacity and how to enhance maturity



5 STAGES of Maturity

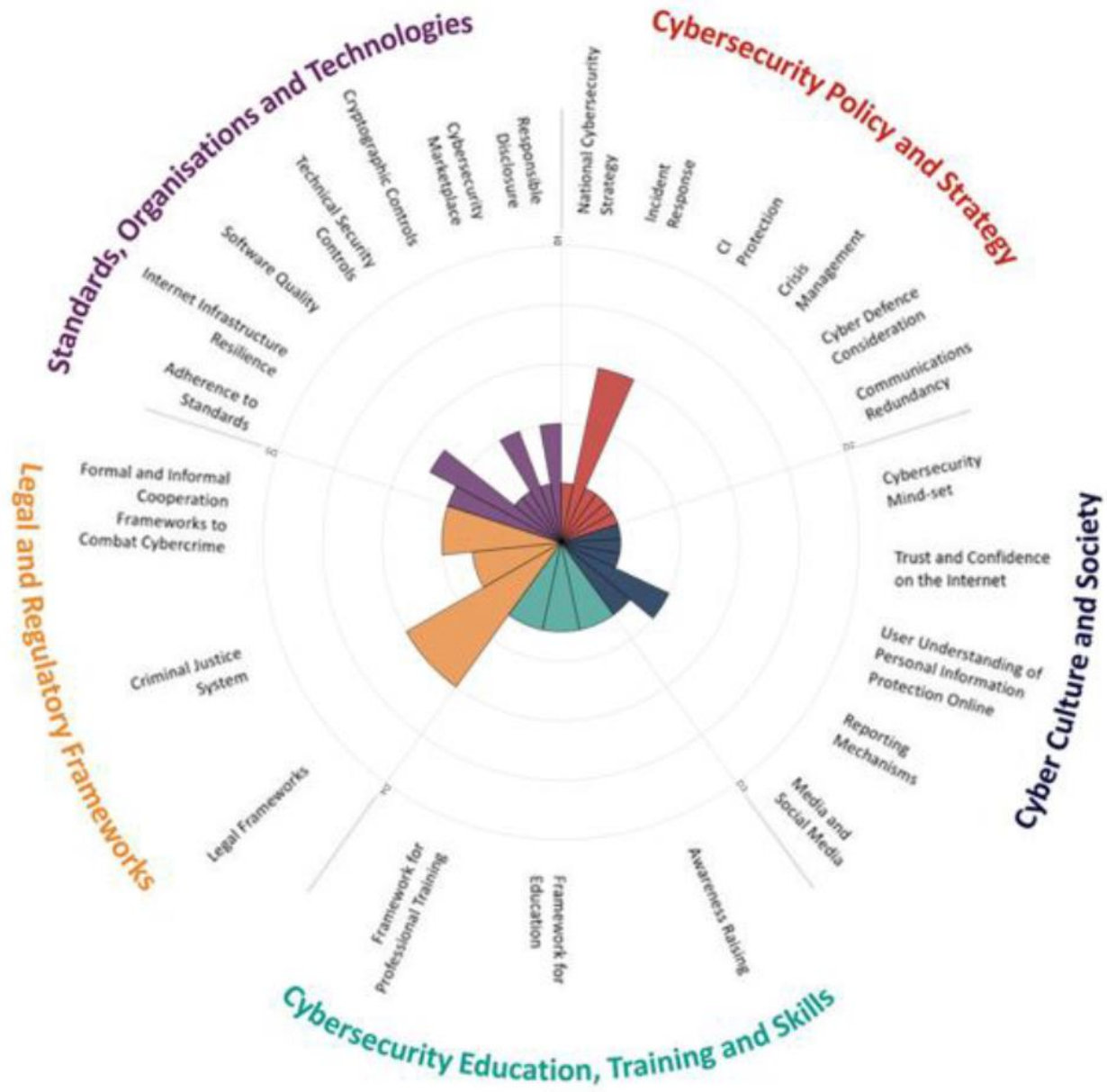


Nation specific
Not a ranking



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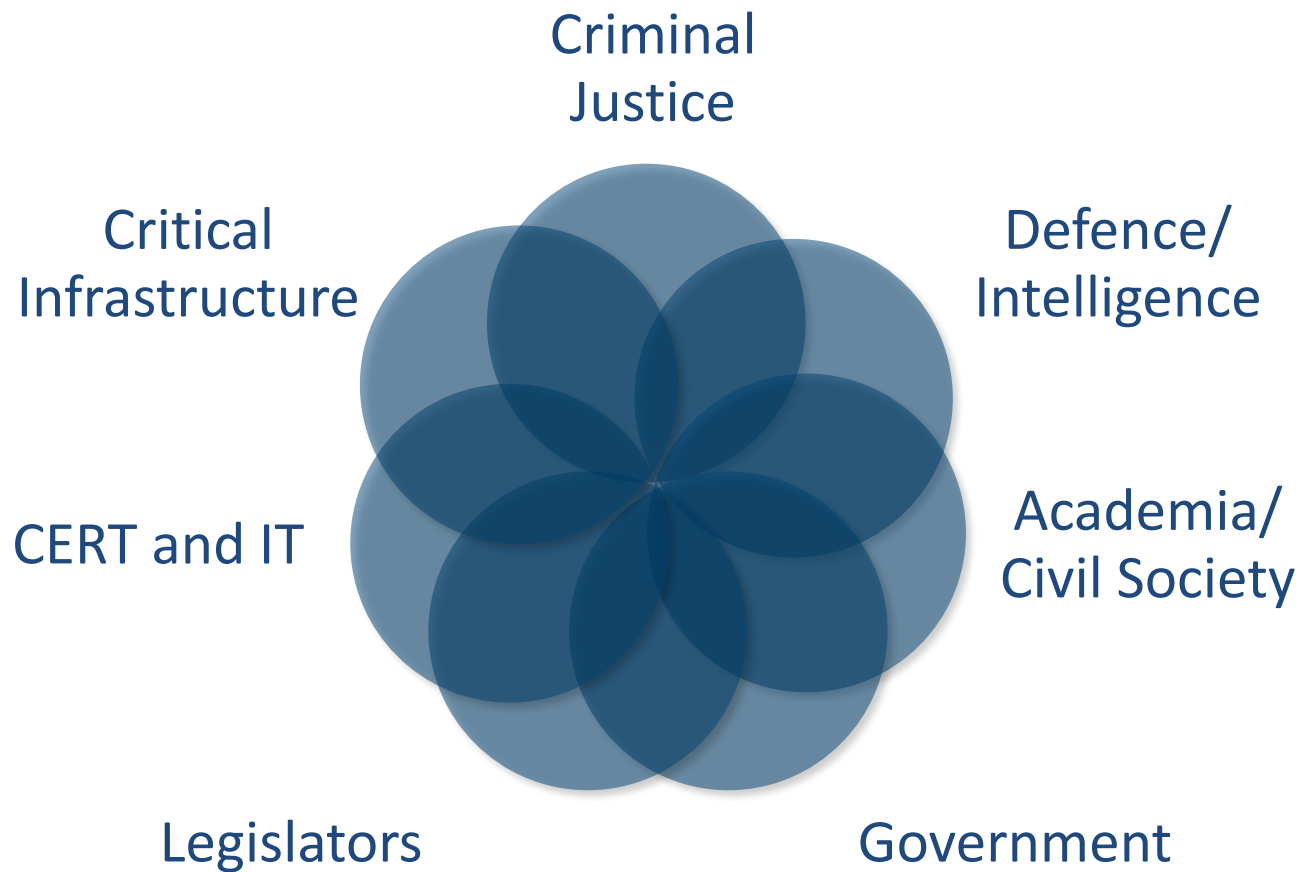






Deploying the CMM

Stakeholder Clusters



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Key benefits

- Self-assessment by cross-sector stakeholders
- Resulting report is owned by the country
- Provides a benchmark to measure progress via a second review in the future
- Recommendations identify areas for capacity building
- Can inform applications for funding for capacity building

More than 60 Reviews since 2015



GCSCC Strategic & Implementation Partners



Status: March 2019

**Visit the Cybersecurity Capacity Portal –
a global knowledge resource for Cybersecurity Capacity Building**
www.sbs.ox.ac.uk/cybersecurity-capacity



**Incl an Inventory
of current intl and regional
initiatives in cybersecurity
capacity building –
partnership with the Global
Forum on Cyber Expertise
(GFCE)**

Thank you!



OCSC

Oceania Cyber Security Centre

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