

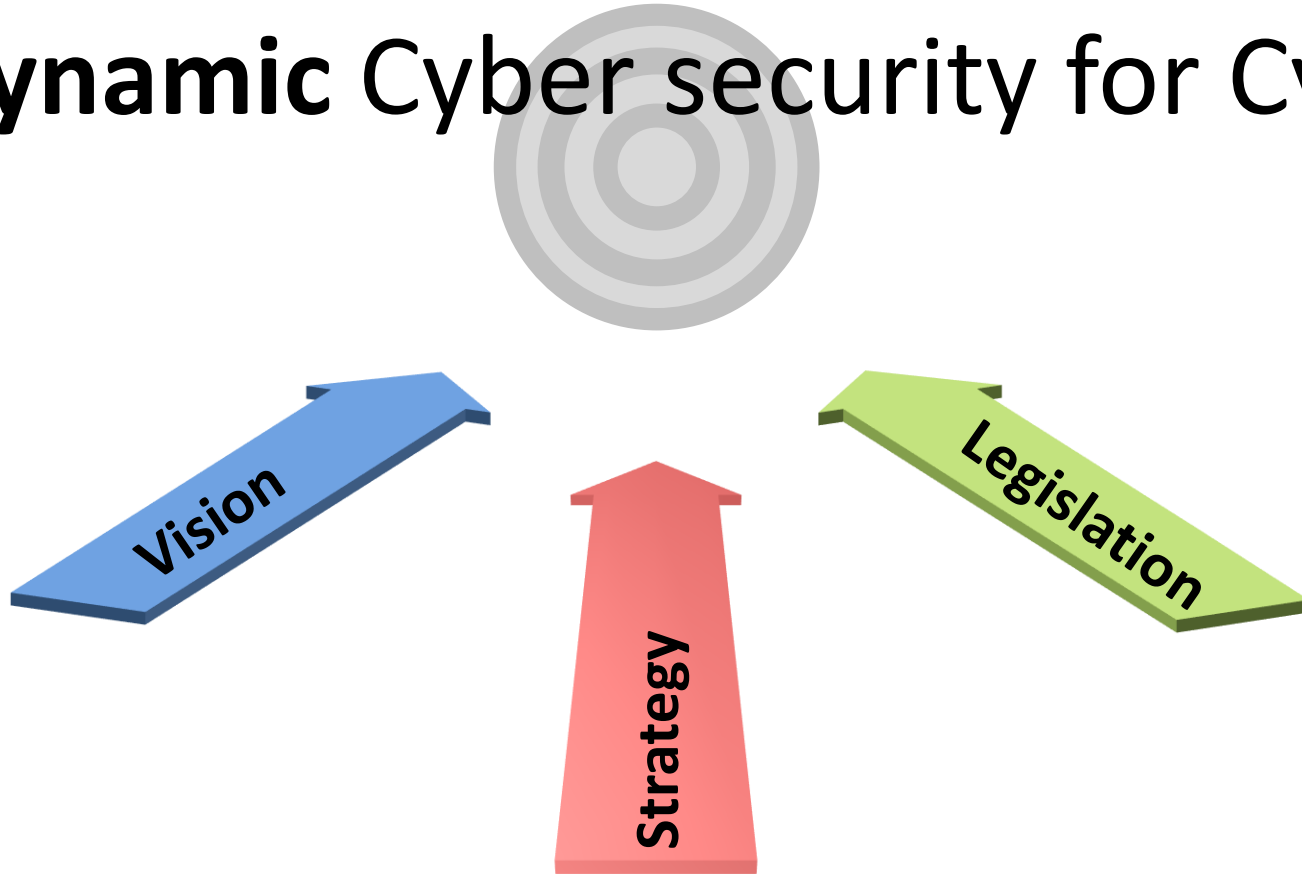
Digital Security Authority (DSA): The way forward to a dynamic Cyber security for Cyprus

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Commissioner of Electronic Communications & Postal Regulation

<http://www.ocecpr.org.cy>

...dynamic Cyber security for Cyprus



Our Vision - Building our future



Security for all

Secure: Critical Information Infrastructures, Government, SMEs, CITIZENS



Security is a TEAM sport

Cooperation at a national level, with other CSIRTs, national authorities and academia



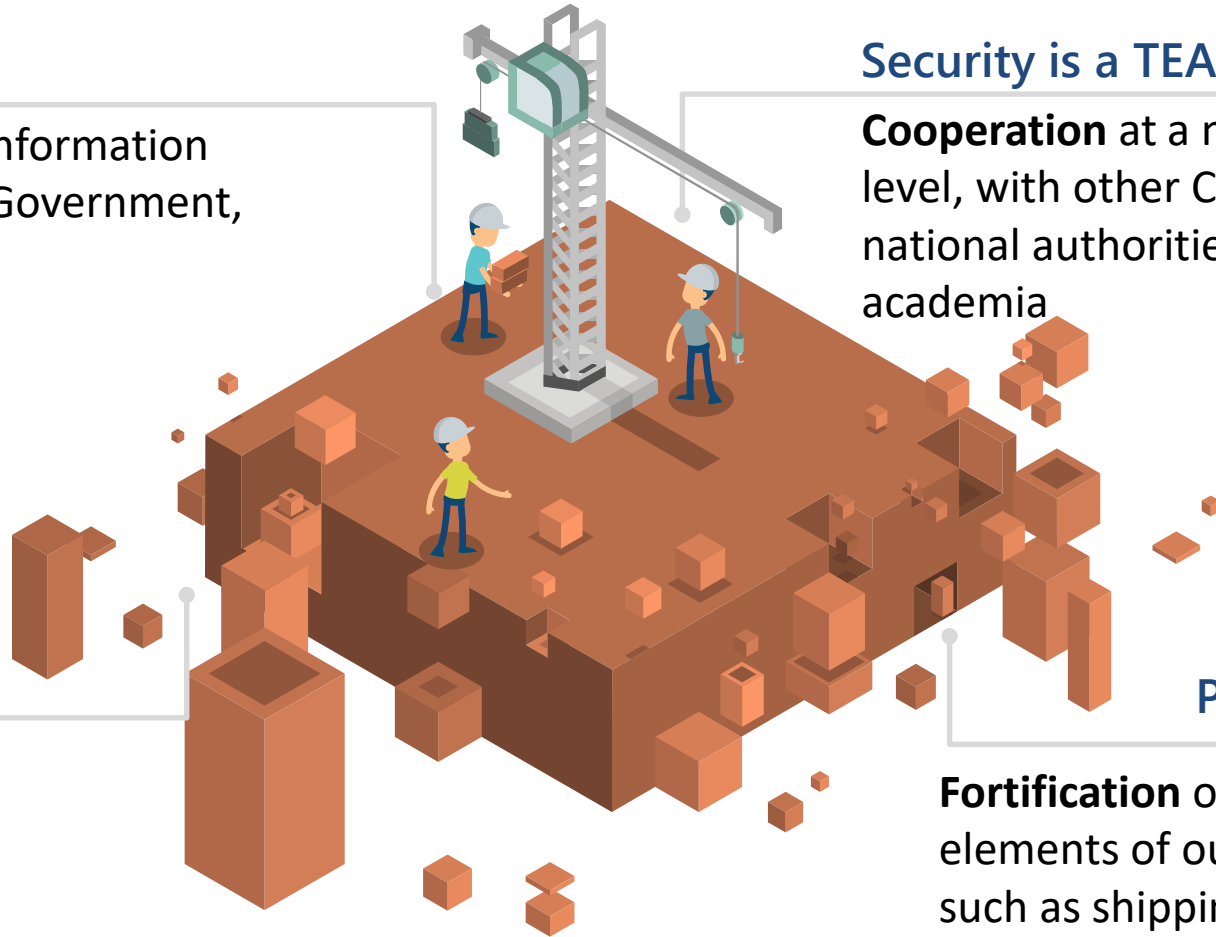
Approach

- Think Big
- Start Small
- Scale Fast

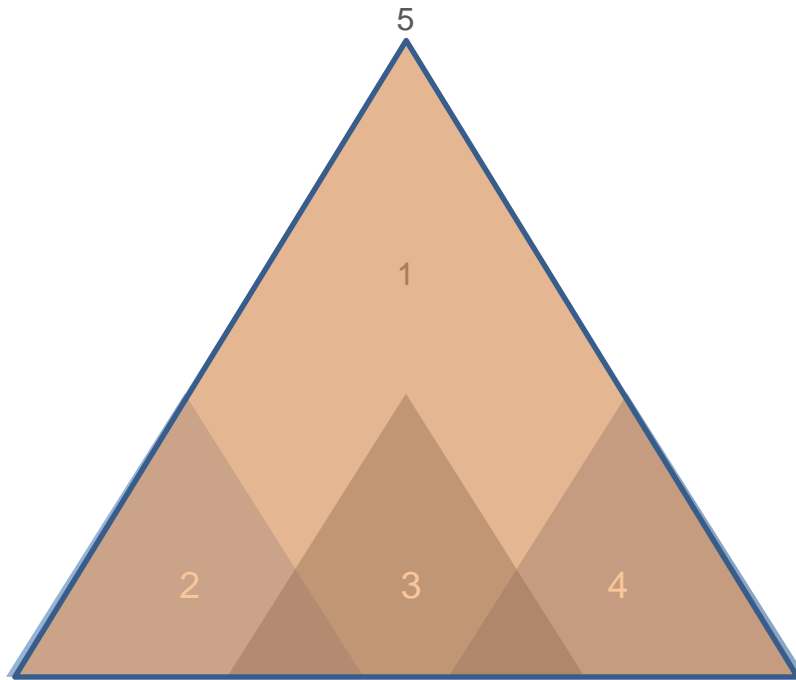


Protection

Fortification of critical elements of our economy such as shipping, financial services etc



Strong Cybersecurity Ecosystem



1

Build on our expertise

Shipping: in merchant fleet we are 3rd in E.U and 11th world wide

2

Engage academia

3

Engage private sector

4

Attract technology companies

5

With the support from the public sector

Digital Security Authority - International Maritime Ecosystem for Cybersecurity (IMEC)



Vision of the National Cybersecurity Strategy

Electricity



Natural Gas/Oil



Water supply



Transport



“The protection of all critical information infrastructures of the state and the operation of information and communication technologies with the necessary levels of security, for the benefit of every citizen, the economy and the country”

Public Health



Financial sector



Public sector/security services

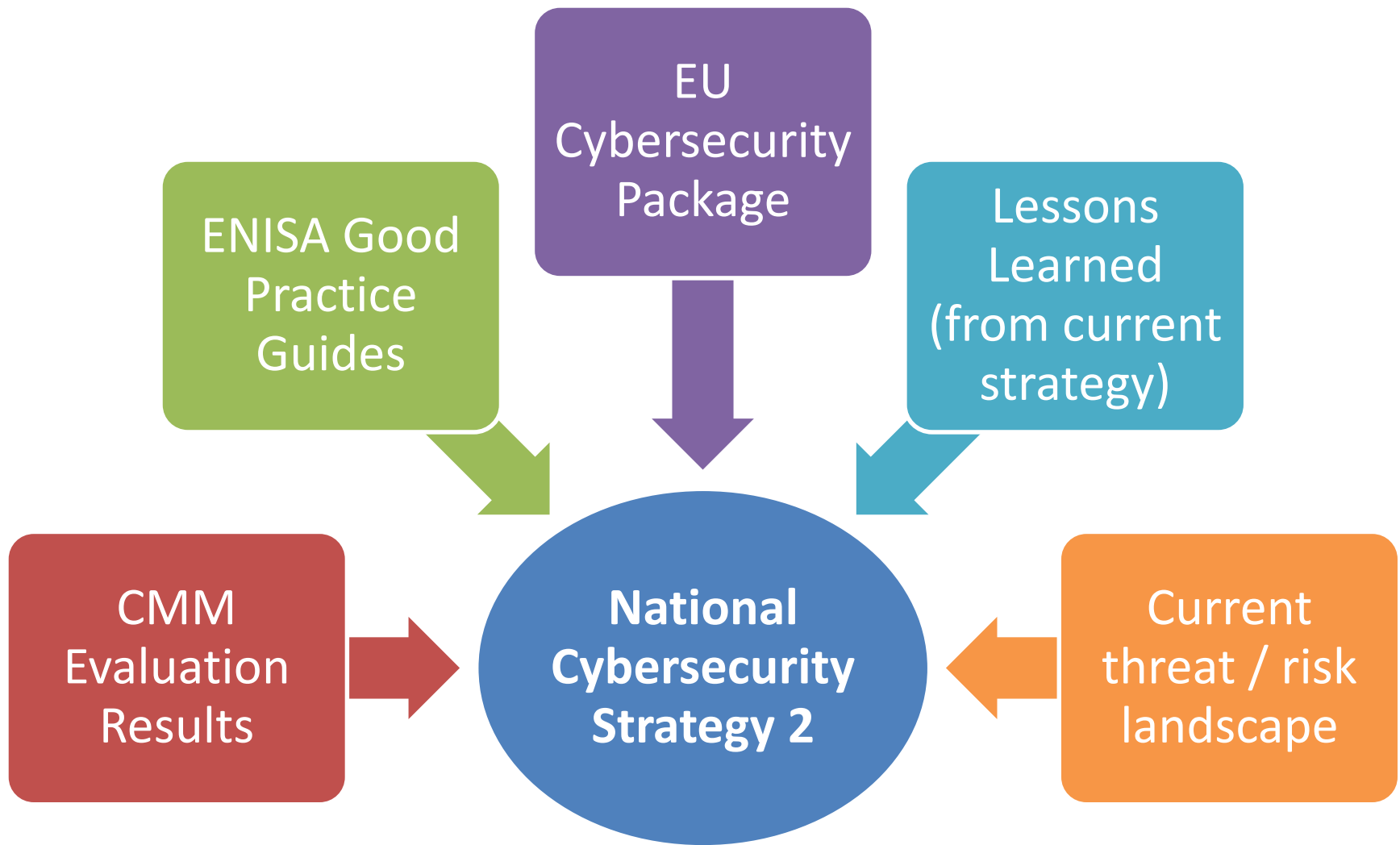


Electronic communications

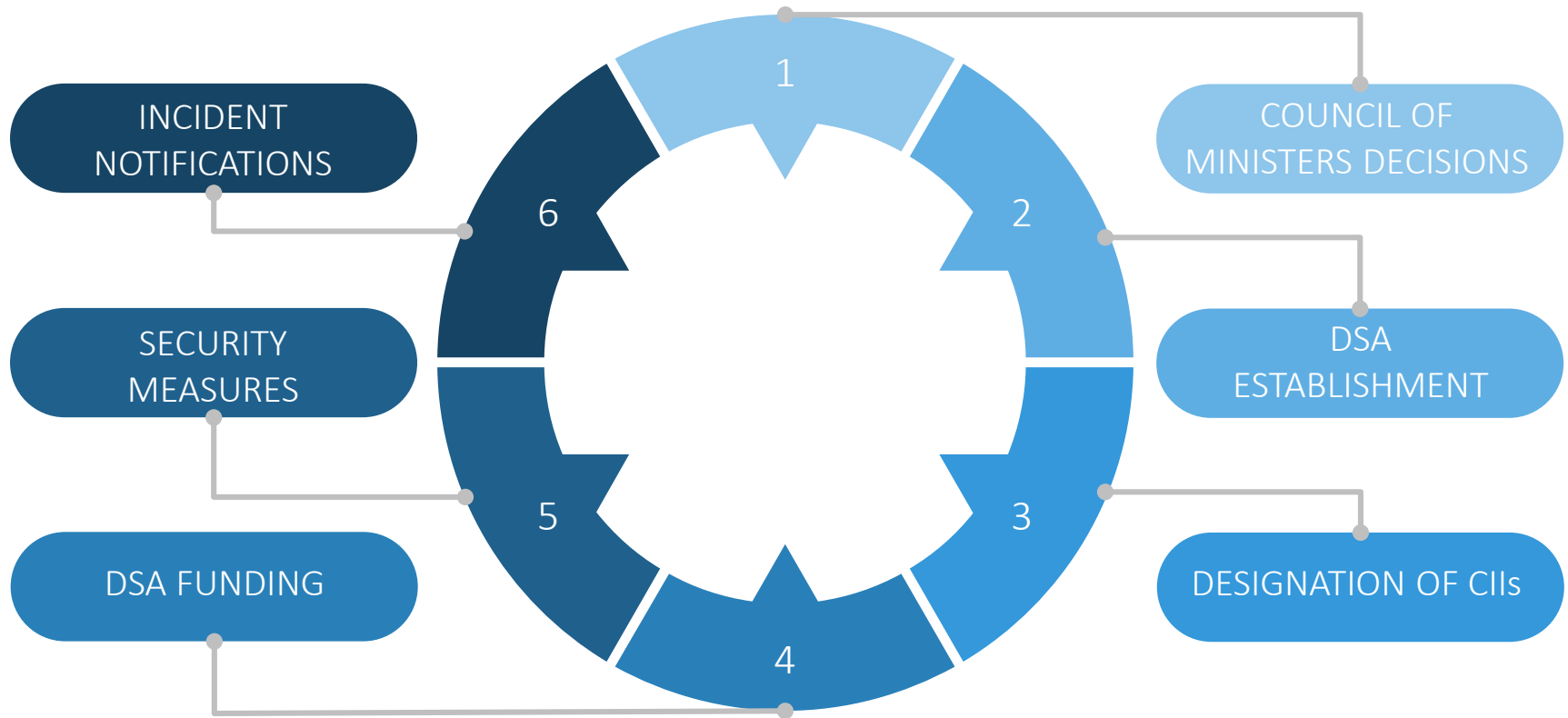


Education – Training – Awareness – Cooperation – Trust

Revising the Strategy

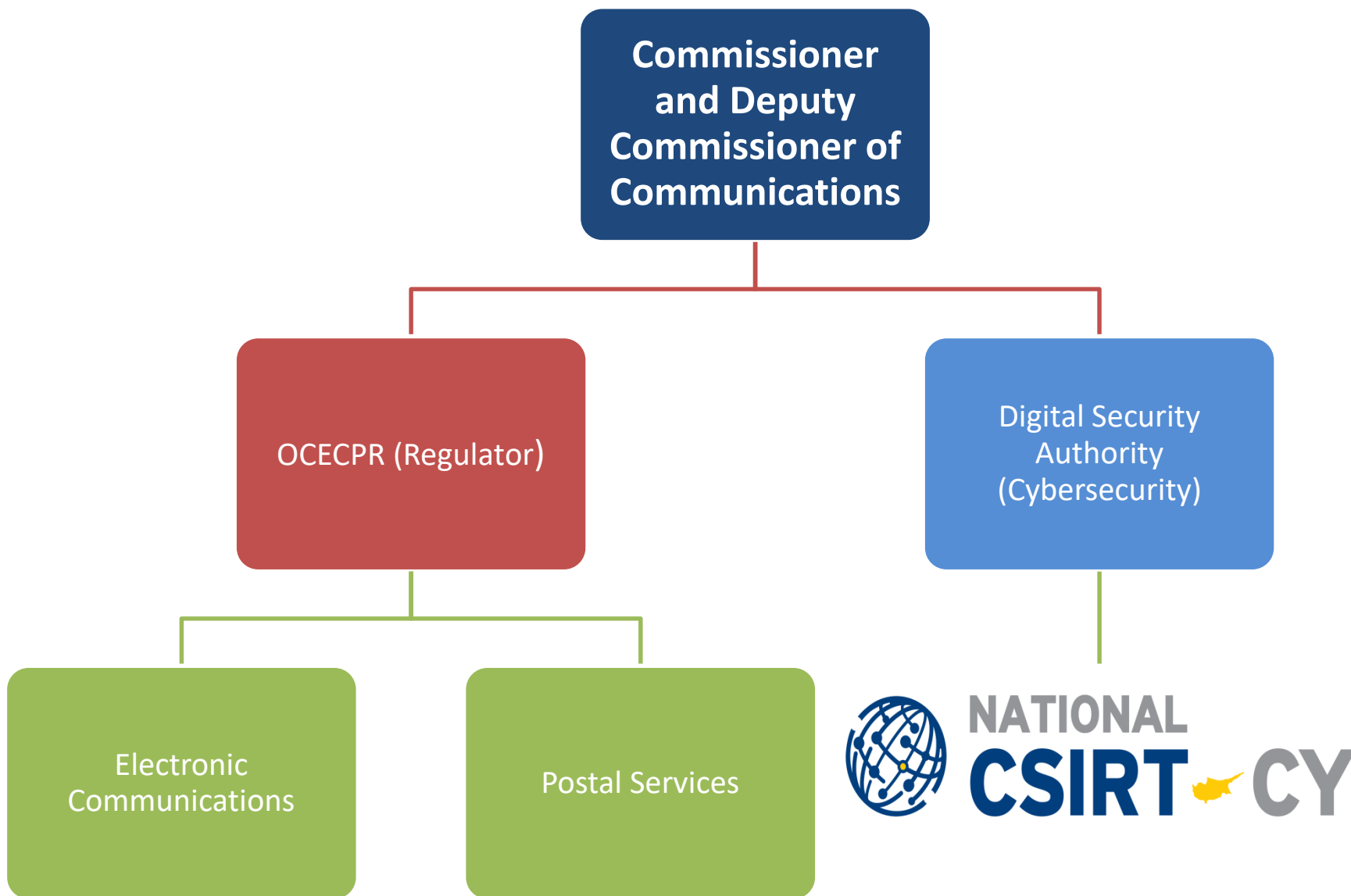


DSA Legislation



1. Council of Ministers decisions on the Commissioner, DSA, CSIRT-CY and critical info. infrastructures
2. Law 17(I)/2018 on the Security of Network and Information Systems (5/4/18)
 - Digital Security Authority, including the National CSIRT – under the supervision of the Commissioner
3. Commissioner’s Decisions on the designation of critical information infrastructures
4. Regulations on the Security of Network and Information Systems (Fees) of 2018
5. Secondary legislation on security measures will follow
6. Secondary legislation on incident notifications will follow

New Organisational Structure



Digital Security Authority

National Cybersecurity Strategy

National Collaboration

Cyber Crisis Management

Operational Coordination

European Cybersecurity Strategy

International Collaboration

Cooperation Group

CSIRT Network



Supervision



Operators of Essential Services (~50)

Energy, Water, Transport, Health, Banking, Financial, Digital Infrastructure



Digital Service Providers (<10)

Cloud Computing Services, Online Marketplaces, Search Engines

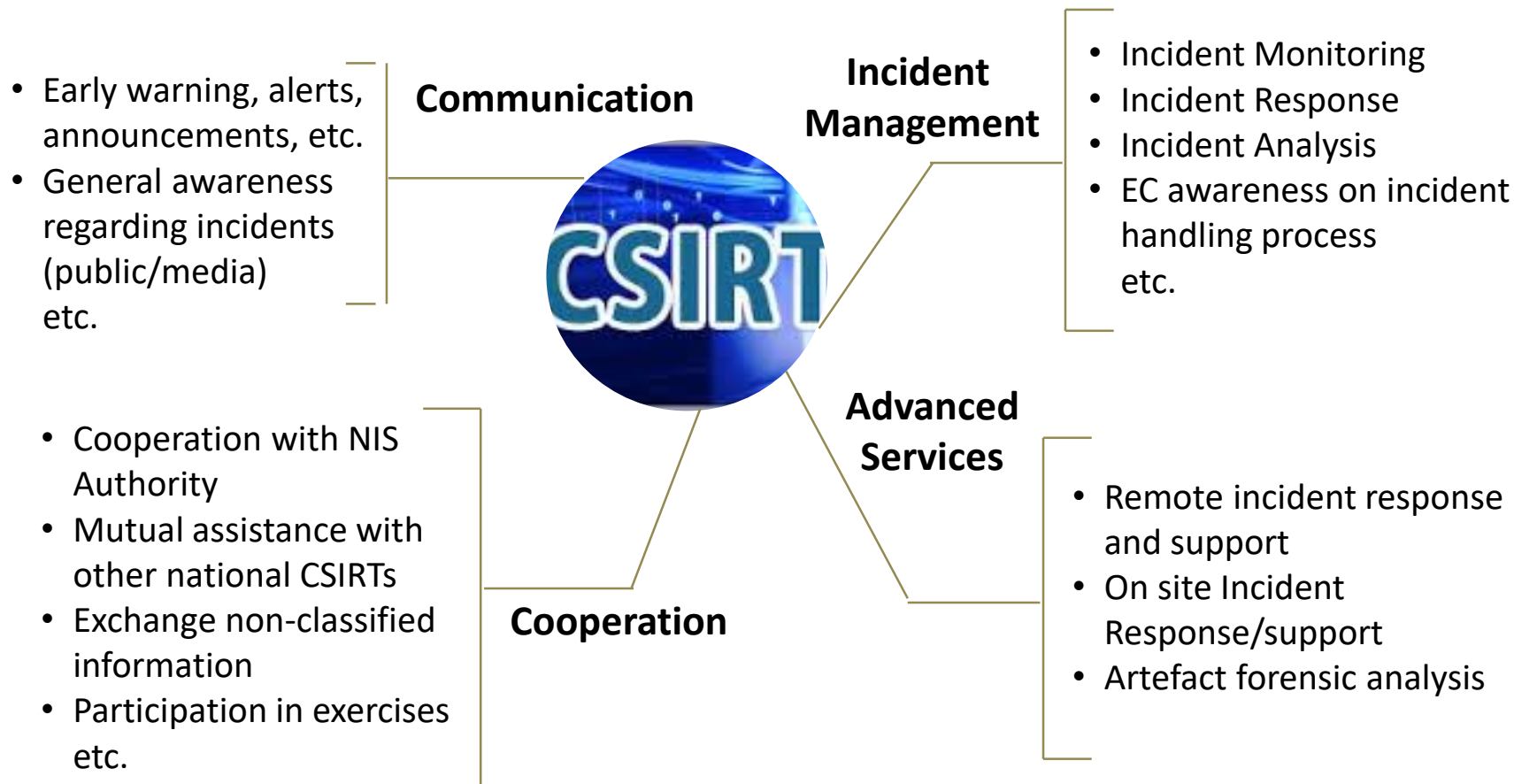


National CSIRT (Computer Security Incident Response Team)

“A CSIRT with national responsibility (or "National CSIRT") is a CSIRT that has been designated by a country or economy to have specific responsibilities in cyber protection for the country or economy. A National CSIRT can be inside or outside of government, but must be specifically recognized by the government as having responsibility in the country or economy.”

Source: www.cert.org

National CSIRT – Areas of activities



Thank you for your attention