

# IT Security / Cybersecurity

>>Energy Efficiency Authority<<

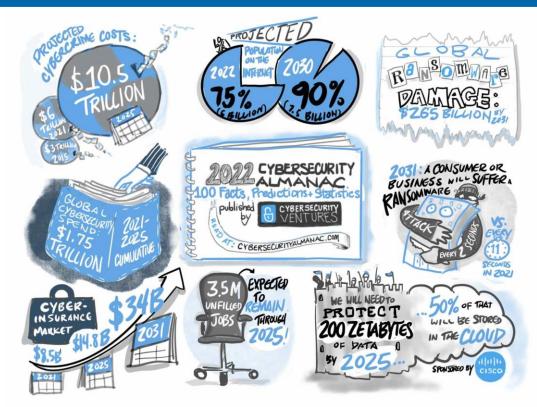
Franz Rudinger 22.03.2023

### Cybercrime Trends in 2023:



#### The 8 trends to watch out for in 2023

- (1) The rise of artificial intelligence
- (2) Geopolitical crises and global fragmentation
- (3) Digital supply chain attacks
- (4) Evergreen phishing
- (5) Burnout in security and beyond
- (6) Ransomware-as-a-Service
- (7) Multi-channel social engineering
- (8) (Multi-factor) authentication fails



## 4 Key Cybersecurity Initiatives



- DESIGN AND DEPLOY CYBER RESILIENCE
- > DEVELOP CYBERSECURITY SKILLS
- > PROTECT DATA INTEGRITY
- > INTEGRATE CYBER RISKS AWARENESS

Develop cyber Design & deploy security skills cyber resilience 4 key **6** cybersecurity **Initiatives** Integrate cyber risks Protect data awareness into the Integrity

Securing businesses with a local approach with global standards...

## Energy Efficiency Application / Database

Risk based & CIA triad



The 4 essential steps of the Risk Management Process are:



- (1) Identify the risk.
- (2) Assess the risk.
- (3) Treat the risk.
- (4) Monitor and Report on the risk.

Information Security Management System (ISMS) – 3 key elements

- Confidentialtity
- Integrity
- Availability



When we discuss data and information, we must consider the CIA triad





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