EUROPEAN UNION AGENCY
FOR CYBERSECURITY

THE CYBERSECURITY THREAT LANDSCAPE FOR 2023 AND BEYOND: ENISA EFFORTS

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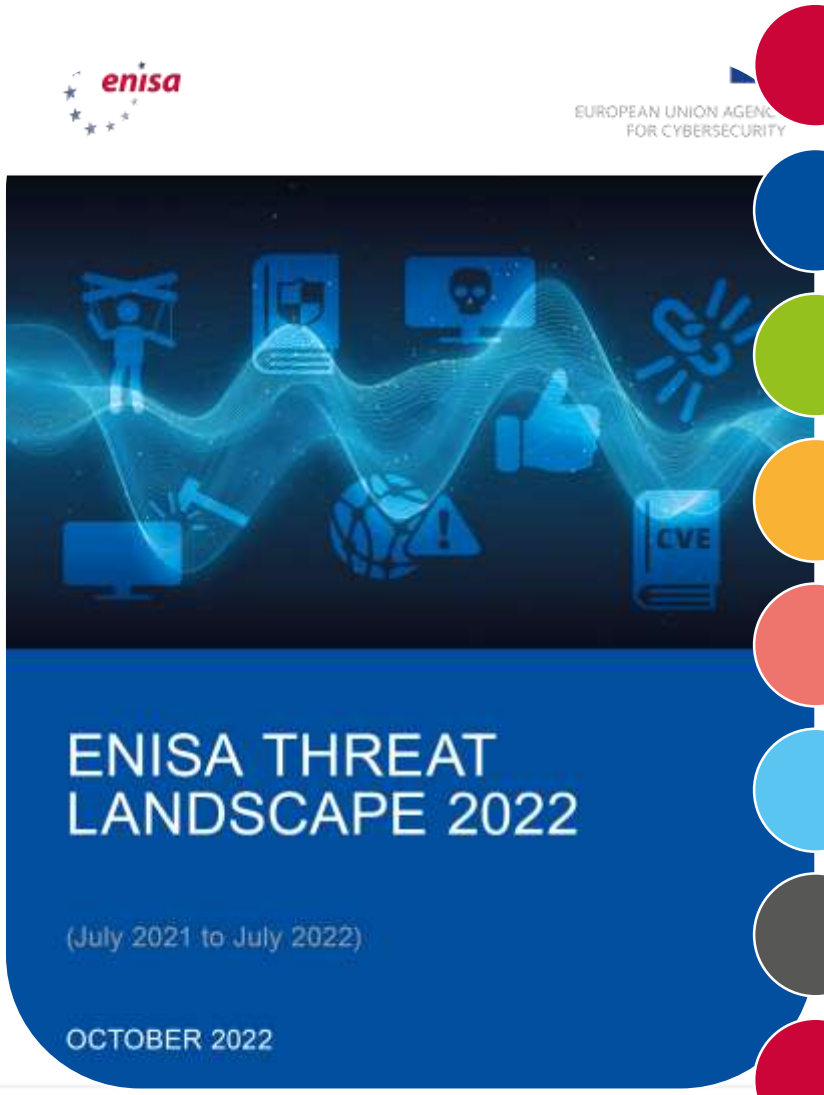
ENISA THREAT LANDSCAPE TRADITION

It's reflecting on the PAST to prepare for the FUTURE

ENISA THREAT LANDSCAPE 2022



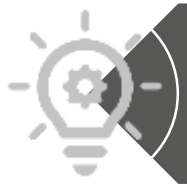
- Data related threats (e.g. data leakage, data breach etc.)
- Availability related threats (e.g. DoS, DDoS, RDoS, botnets etc.)
- Misinformation - disinformation
- Supply chain threats
- Social engineering threats (spear phishing/phishing, Smishing/Vishing, BEC etc.)
- Ransomware
- Malware (e.g. RAT, Trojan, Miner/Crypto, Trojan, Spyware etc.)
- Threats against availability – internet threats (e.g. BGP hijacking, DNS attacks, defacement etc.)

ENISA THREAT LANDSCAPE 2022 - HIGHLIGHTS

Impact of geopolitics on the cybersecurity threat landscape

Threat actors increasing their capabilities

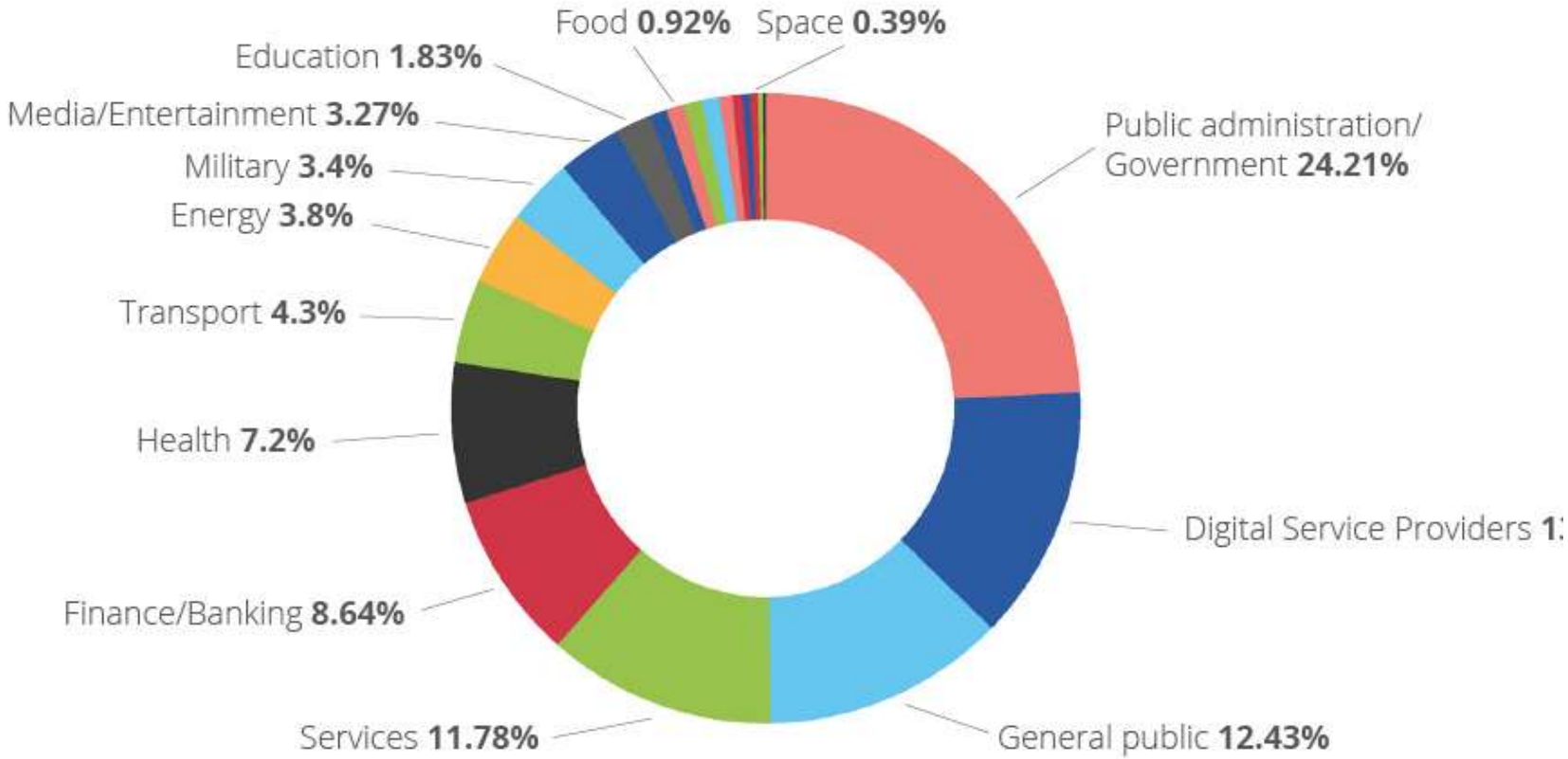
Ransomware and attacks against availability rank the highest during the reporting period



Novel, hybrid and emerging threats are marking the threat landscape with high impact

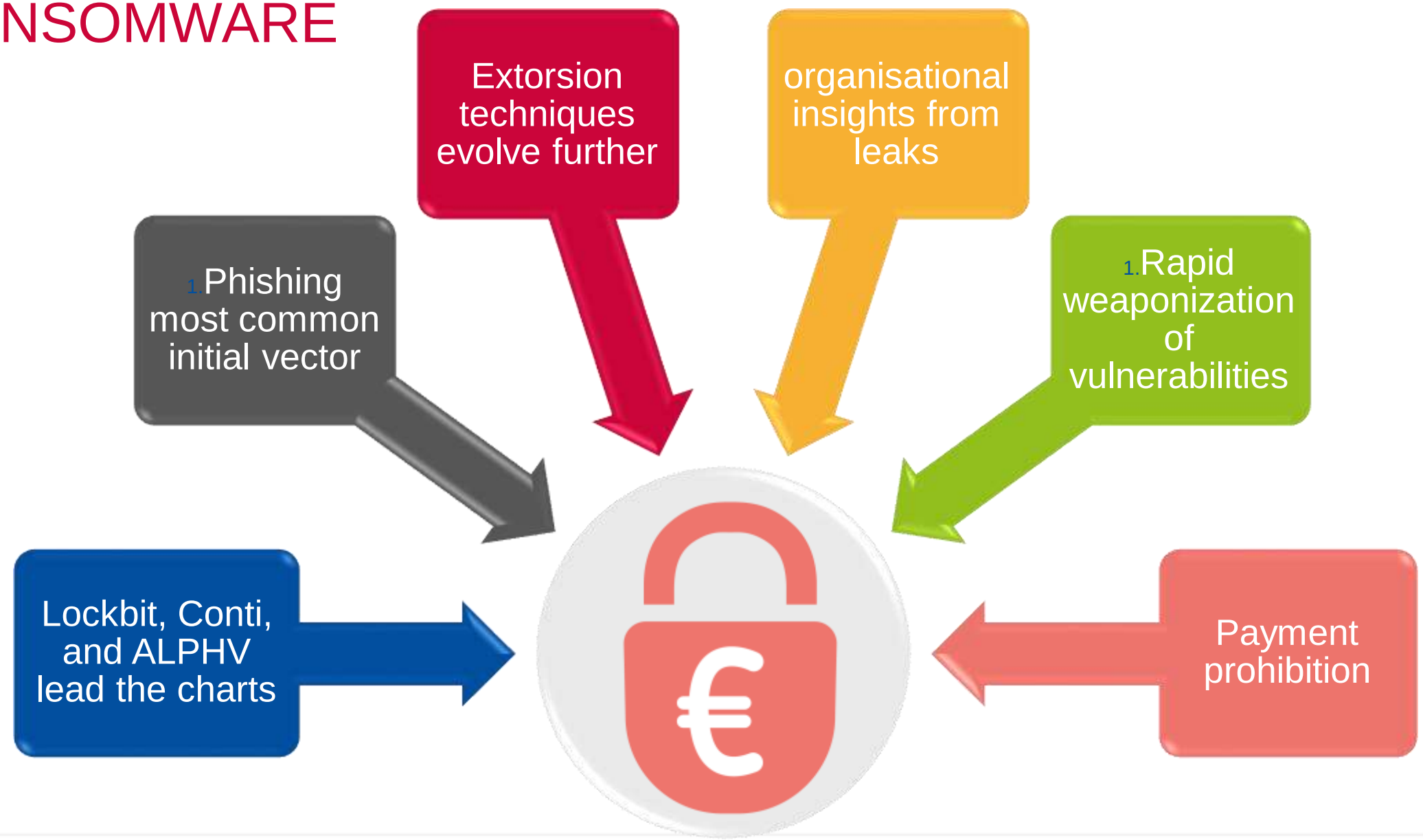
SECTORS BREAKDOWN

Large number of incidents targeting public administration and government and digital service providers

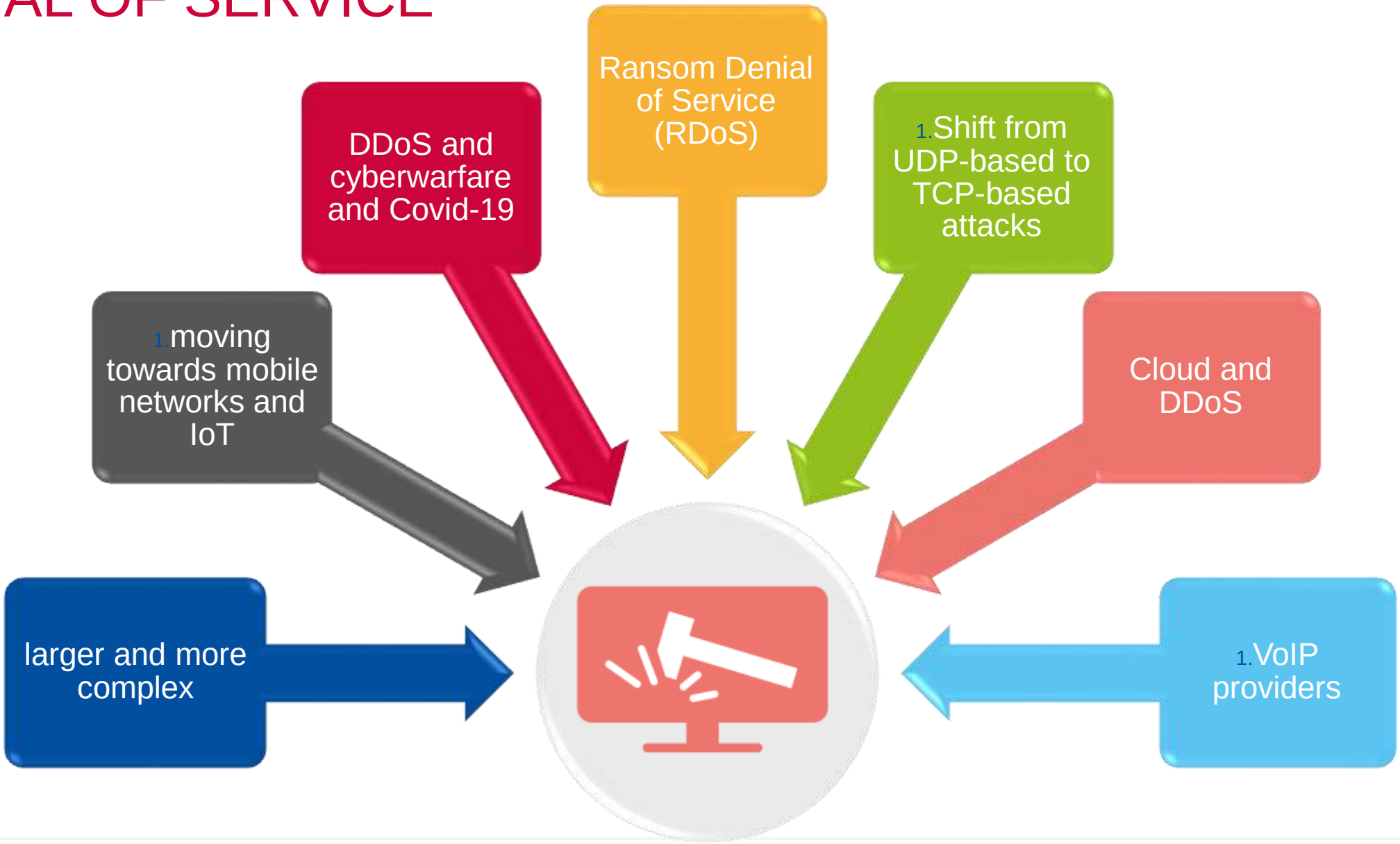


PRIME THREATS

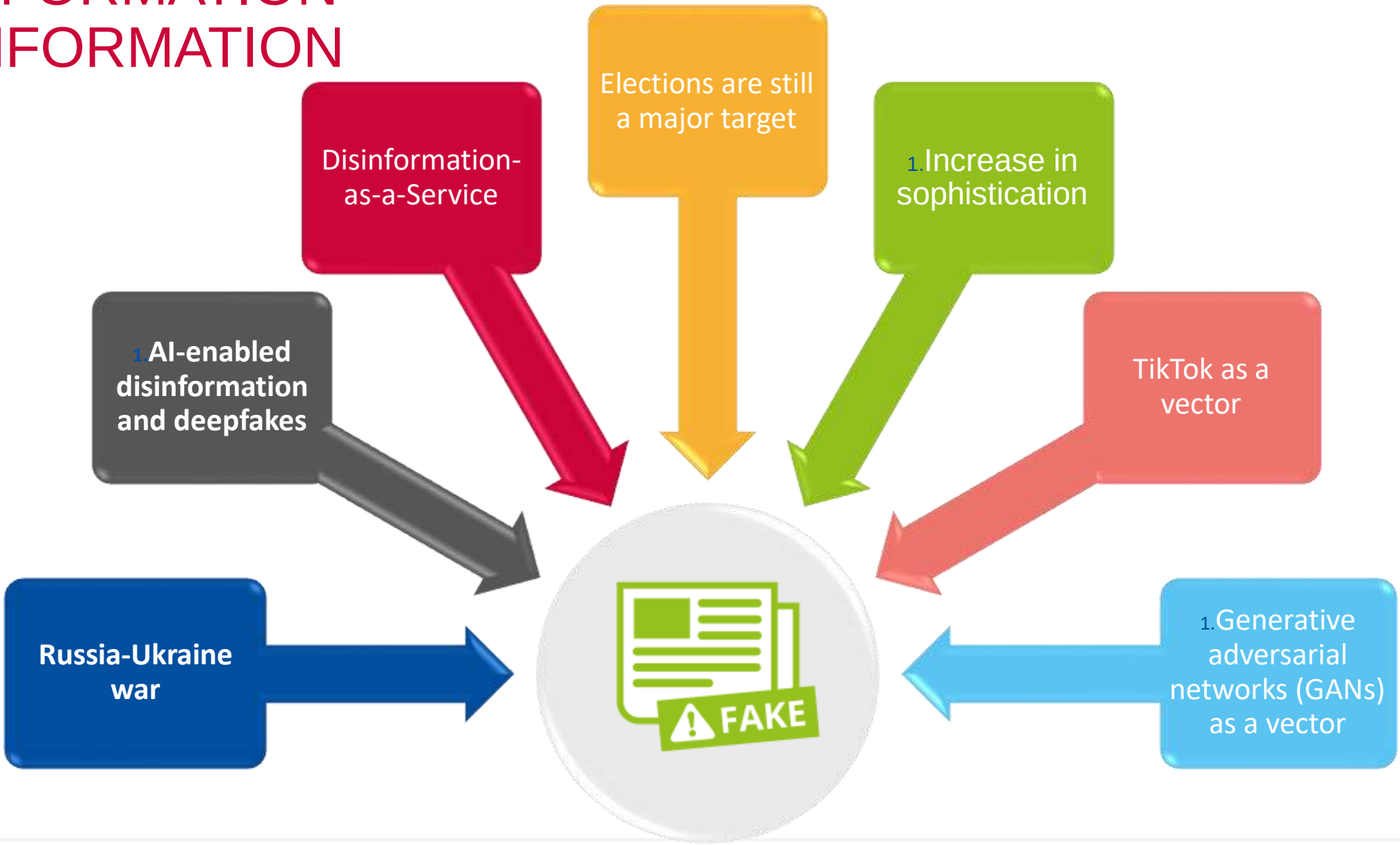
RANSOMWARE


Extorsion techniques evolve further
organisational insights from leaks
1. Phishing most common initial vector
1. Rapid weaponization of vulnerabilities
Lockbit, Conti, and ALPHV lead the charts
Payment prohibition

DENIAL OF SERVICE



DISINFORMATION-MISINFORMATION



KEY FINDINGS

Threat actors use whatever is more relevant and evolve and adapt to the changing of technologies

Good practices and coordinated actions are important to reach a common high level of cybersecurity.

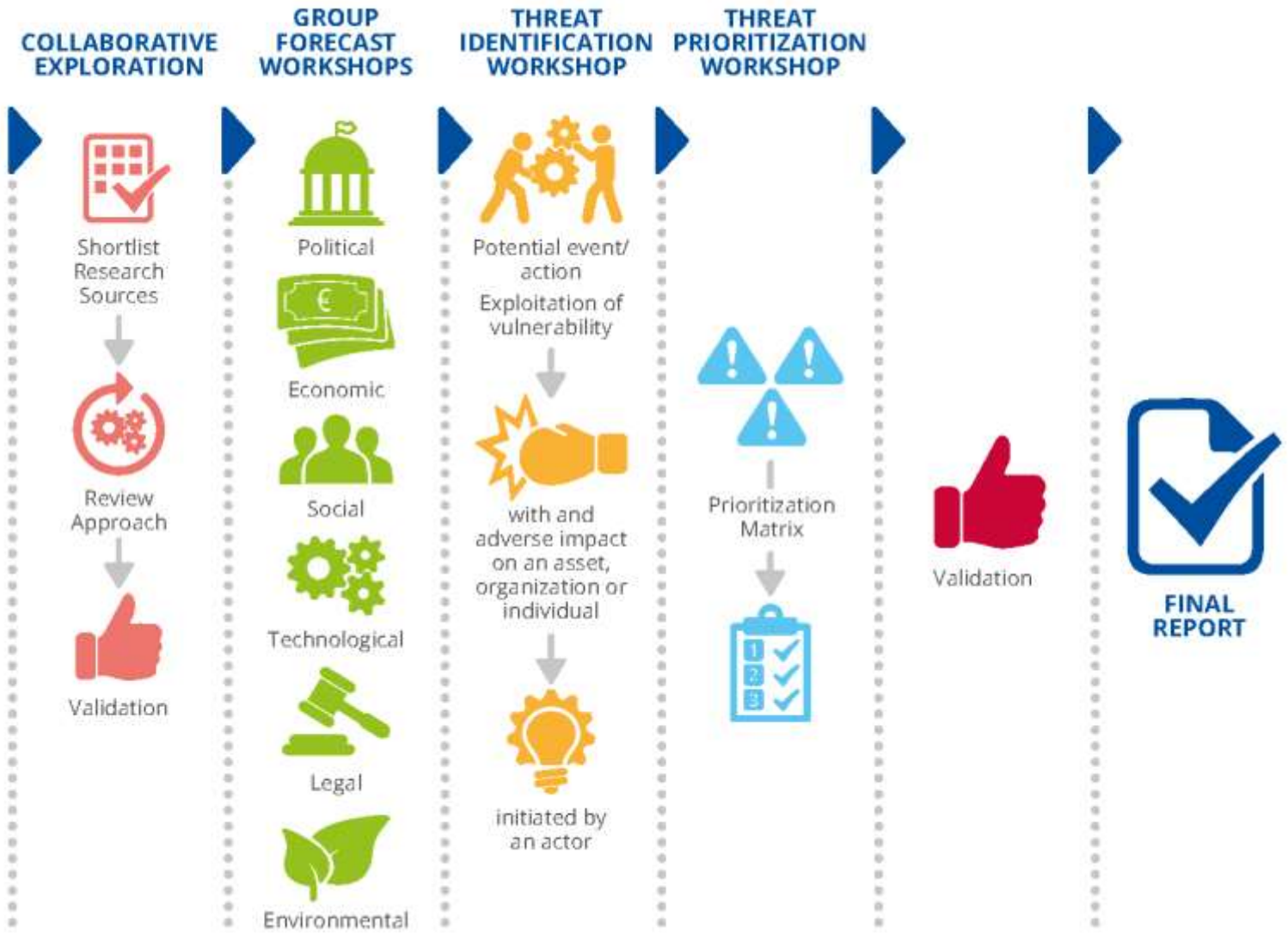
Cyber attacks has increased by a lot compared to last year but we still lack the visibility

Information Sharing is caring…

It helps potential victims , it helps researchers.. it also helps cybersecurity authorities and ENISA

FORESIGHT ON EMERGING AND FUTURE CYBERSECURITY THREATS

FORESIGHT 2030 EXERCISE



TOP 10 EMERGING CYBERSECURITY THREATS FOR 2030

Source: ENISA Foresight exercise 2022

THANK YOU FOR YOUR ATTENTION

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