



The EU Cybersecurity Strategy

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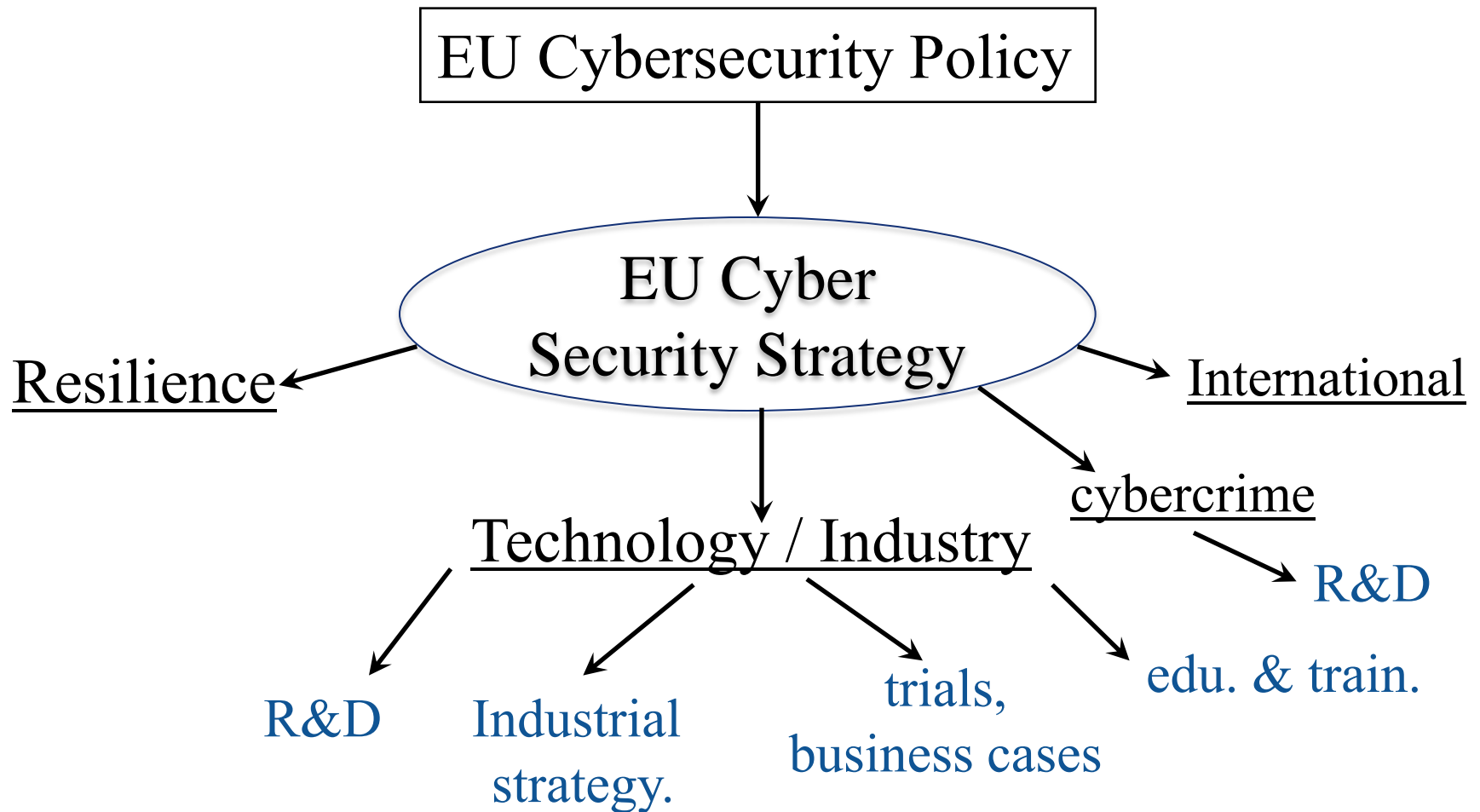
Trust and Security Unit

DG Communications Networks, Content and
Technology

Cybersecurity *The need for further EU action*

- **Economic and social benefits of the digital world and open Internet**
- **Risks, incidents and cybercrime on the rise**
- **Cross-border/global issue**
- **Need for a comprehensive EU vision**





Proposal for a Directive on NIS

Key elements (1/3)

Capabilities: Common NIS requirements at national level

- ❖ **NIS strategy and cooperation plan**
- ❖ **NIS competent authority**
- ❖ **Computer Emergency Response Team (CERT)**



Proposal for a Directive on Network and Information Security (NIS) – Article 114 TFEU

Key elements (2/3)

Cooperation: NIS competent authorities to cooperate within a network at EU level

- ❖ Early warnings and coordinated response
- ❖ Capacity building
- ❖ NIS exercises at EU level
- ❖ ENISA to assist



Proposal for a Directive on Network and Information Security (NIS) – Article 114 TFEU

Key elements (3/3)

- **Risk management and incident reporting for:**
 - ❖ Energy – electricity, gas and oil
 - ❖ Credit institutions and stock exchanges
 - ❖ Transport – air, maritime, rail
 - ❖ Healthcare
 - ❖ Internet enablers
 - ❖ Public administrations



EU Cybersecurity Strategy *Developing industrial and technological resources for cybersecurity*

Promoting a single market for cybersecurity products

- **Public-private platform on NIS and recommendations on cybersecurity across the ICT value chain**
- **Recommendations on NIS standards and good practices**
- **ENISA to develop technical guidelines on NIS good practices**



EU Cybersecurity Strategy

Developing industrial and technological resources for cybersecurity



Foster R&D investments

- **Use H2020 to address ICT privacy and security**
- **Better coordination of research agendas**
- **Member States invited to develop good practices to leverage public procurement**
- **Public and private sector invited to develop harmonised metrics for calculating risk premia**



EU Cybersecurity Strategy

Achieving cyber resilience

Awareness raising: common responsibility

- **Cybersecurity month**
- **Cybersecurity championship**
- **NIS education and training**
- **Roadmap for NIS driving licence – voluntary certification programme**



**BE AWARE,
BE SECURE.**



European
Commission

Thanks!