



# *The EU Cybersecurity Strategy*

Martin Mühleck

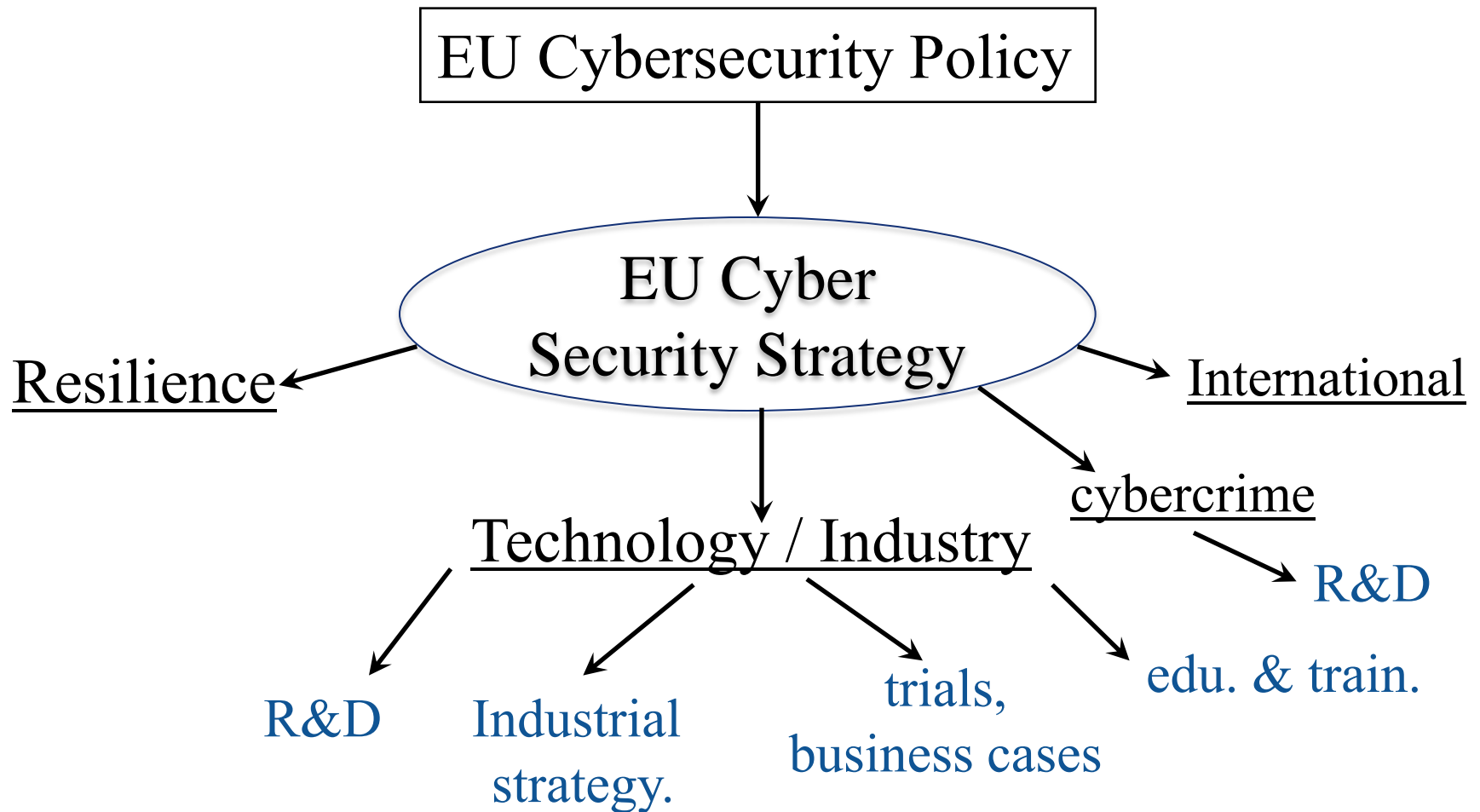
Trust and Security Unit

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!**