



European Union  
**EXTERNAL ACTION**

# EU Cybersecurity Strategy and capacity building to address cybercrime

European External Action Service

Heli Tiirmaa-Klaar

12 November 2014

## Principles for EU cybersecurity policy

- Social and legal responsibilities apply
- Norms, justice and rule of law should apply
- Cyber security is a shared responsibility
- Universal access and inclusion
- Multi-stakeholder model
- Open and dynamic architecture of Internet



European Union  
**EXTERNAL ACTION**

# EU principles and values on cyberspace issues

## Strategic priorities:

- Achieving cyber resilience
- Drastically reducing cybercrime
- Developing cyber defence related to CSDP
- Developing industrial and technological resources for cybersecurity
- Establishing an EU international cyberspace policy

## Roles and responsibilities between actors in EU



## EU international cyber policy

- Internet freedom and human rights
- Norms in cyberspace
- International security
- Capacity building assistance
- Promoting Budapest Convention on cybercrime
- Accountability and stability of Internet
- Relations with partners and international organisations – CoE, OSCE, UN, NATO, OECD etc



# Capacity building in third countries

- Using different EU aid instruments to support cyber security capacity building
- Addressing cyber security capacity building within Instrument for Stability in 2013-2014:
  - 1) The promotion of the Council of Europe Convention for Cybercrime
  - 2) Judicial and law enforcement training
  - 3) Assistance for creating incident response capabilities (technical and organisational)



European Union

**EXTERNAL ACTION**

# International security

- Supporting efforts to achieve a more stable cyberspace and to find a consensus on norms for responsible state behaviour
- The applicability of existing laws in cyberspace (International Humanitarian Law, Human Rights laws, Budapest Convention etc.)
- Support Member States' activities to develop Cyber Security Confidence Building Measures in order to increase transparency and reduce the risk of misperceptions

# International cooperation

- Dialogues with third countries and international organisations based on an EU International cyber policy
- Consultations with partners should be designed, coordinated and implemented so as to add value and coherence to existing dialogues between EU Member States and non-EU countries



European Union  
**EXTERNAL ACTION**

## **EU Cybercrime Directives**

**Directive on attacks against information systems**

**Directive on sexual abuse, sexual exploitation of children and child pornography**

**Ratification and promotion of the CoE Budapest Convention**





## Cybercrime Priorities

- **Strong and effective legislation**
- **Increased operational capabilities (EC3)**
- **Better cooperation**
- **Capacity building**



European Union  
**EXTERNAL ACTION**

- **European Cybercrime Center (EC3): EU focal point for cybercrime**
- **EU-US Working Group on Cybersecurity and Cybercrime**
  - LE recommendations to ICANN
  - Global Alliance
  - Promoting ratification of CoE Cybercrime Convention
- **Funding – Research, Centres of Excellence for forensics**

# **Raising cyber security preparedness of the EU Member States**

## **Strategy requires:**

- National cybersecurity strategy and cooperation plan**
- National competent authority on cybersecurity**
- Computer Emergency Response Team (CERT)**



## **Legislative proposal on risk management and incident reporting to competent authorities for:**

- 1. Energy – electricity, gas and oil**
- 2. Credit institutions and stock exchanges**
- 3. Transport – air, maritime, rail**
- 4. Healthcare**
- 5. Enablers of key Internet services**
- 6. Public administrations**



European Union  
**EXTERNAL ACTION**

## **EU global capacity building projects on addressing cybercrime**

- **Global Action on Cybercrime:**  
harmonisation of legislation, promotion of Budapest Convention, judiciary and law enforcement training
- **EaP Cybercrime project:** legislation, training
- **Cyber security projects**