

„Cybercrime Prevention – A European solution?“

von

Marc Arno Hartwig

Dokument aus der Internetdokumentation
des Deutschen Präventionstages www.praeventionstag.de
Herausgegeben von Hans-Jürgen Kerner und Erich Marks im Auftrag der
Deutschen Stiftung für Verbrechensverhütung und Straffälligenhilfe (DVS)

Zur Zitation:

Marc Arno Hartwig: Cybercrime Prevention – A European solution?, in: Kerner, Hans-Jürgen u. Marks, Erich (Hrsg.), Internetdokumentation des Deutschen Präventionstages. Hannover 2011, www.praeventionstag.de/Dokumentation.cms/1610

16. Deutscher Präventionstag, Oldenburg, 31.05.11



5th Annual International Forum for Crime Prevention

A European Perspective:

Cybercrime—current developments and its pre



European Commission
Home Affairs

Marc Arno Hartwig
Directorate A – Uni

Outline

- ▶ The context ▶ Cyber what?
- ▶ Cyberspace vs. nationalism
- ▶ The future ahead of us ▶ The players
- ▶ The challenge ▶ Possible solutions for prevention

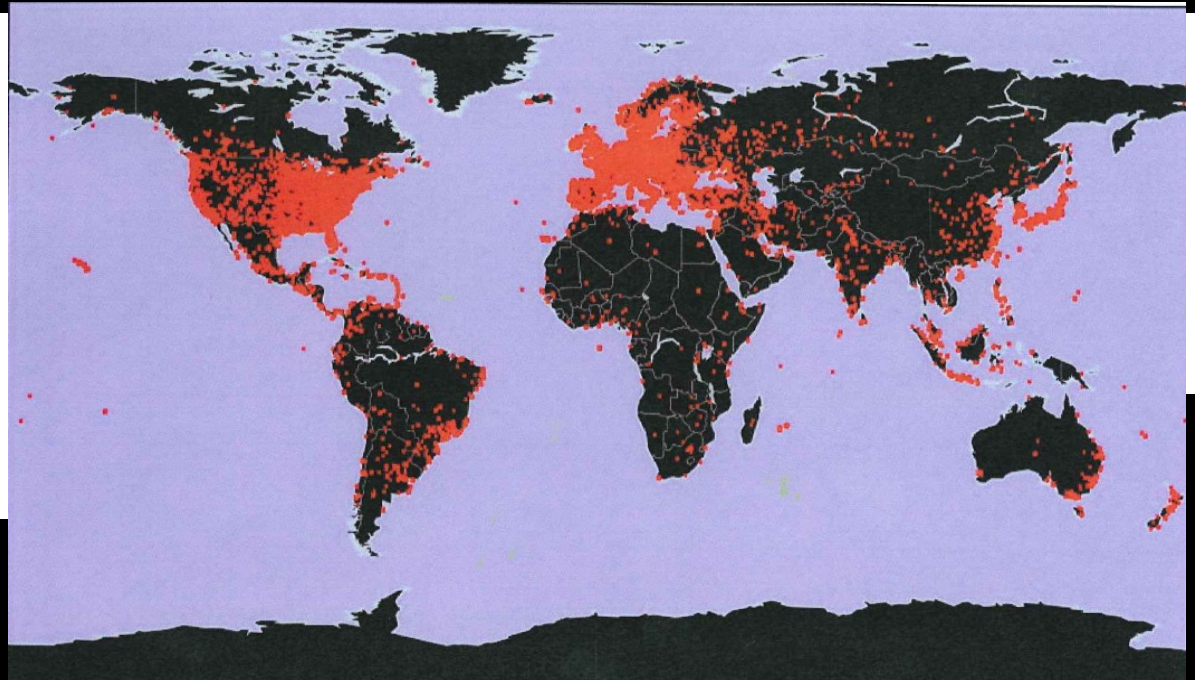


1. The context (1/2)

- **rising dependency**
- **cybercrime costs**
- **frequency** of cyber attacks increasing
- **flat or decreasing government spending levels**
- **no reliable statistics** on **true** extent of cyber

1. The context (2/2)

- ... **cybercrime costs**
- ... **frequency / quality**



?



2. Cyber what?

Having a cyber-security strategy = prevention of cybercrime?



Fragmentation

Information Society Law

Criminal Law

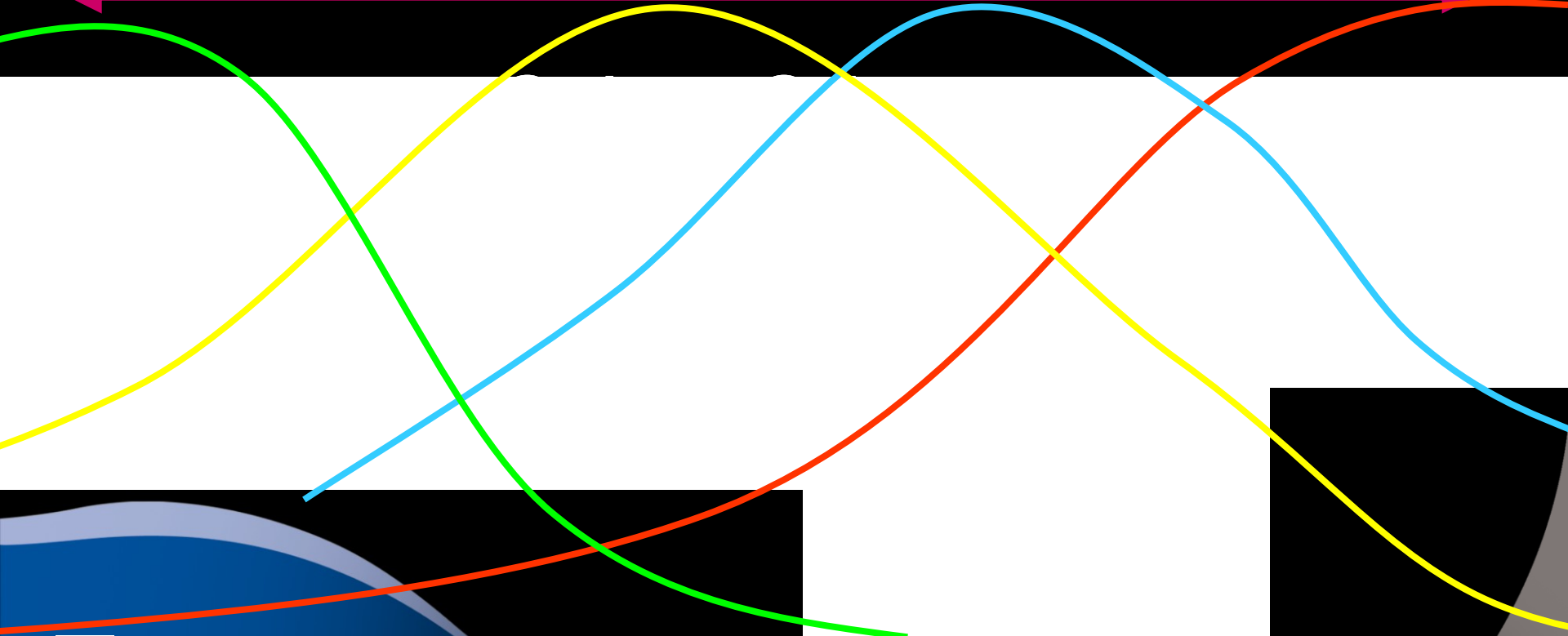
Law of Armed Conflict

Min of Comm

Min of Justice

Min of Interior

MOD



Private counterparts

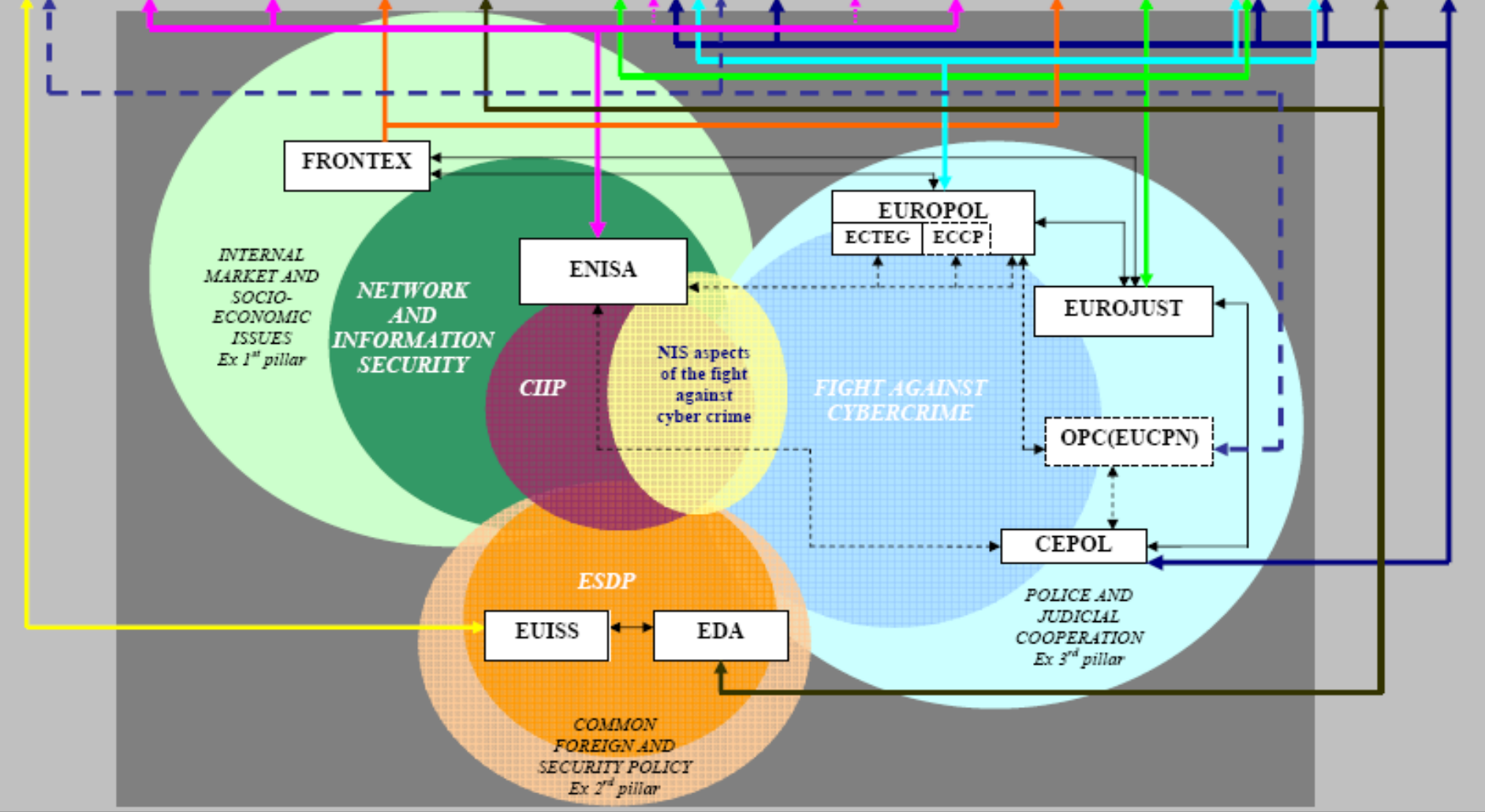
Research institutes, think tanks
ICT industry, consumer groups, academic experts in NIS, CERTs

MS representatives and competent bodies

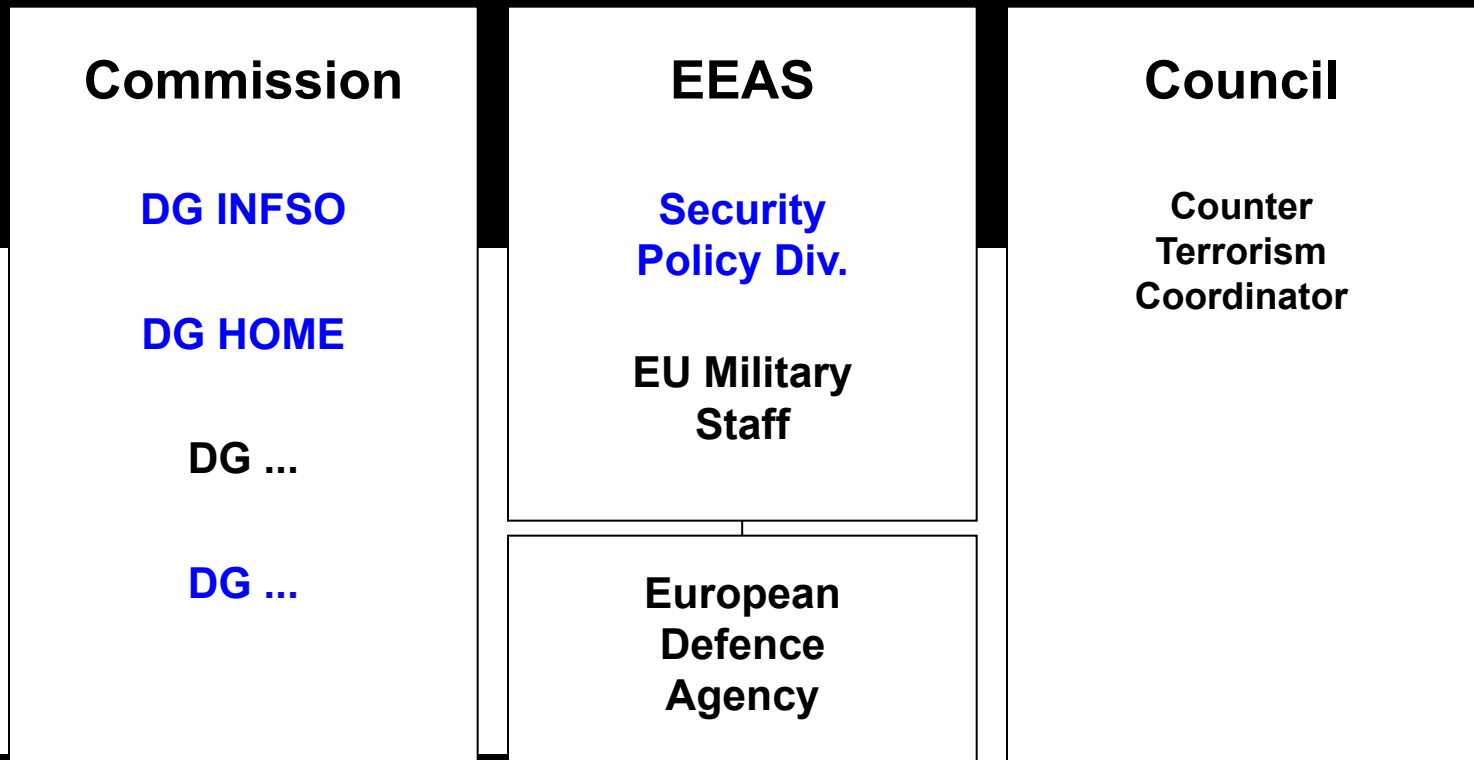
National authorities in the area of NIS, nat. CERTs
National contact points on external borders issues
Defence authorities
Investigations and prosecution authorities
Law enforcement authorities
(Police) training bodies
Privacy protection authorities

International cooperation

Intern. organisations and for a dealing with NIS issues
Int. org. and authorities dealing w/ border management
Investigation and prosecution authorities of 3rd countries
Council of Europe
INTERPOL
NATO (CDC in Tallinn)
National training institutes of non-MSs



Who does what - Cyber in the EU



Interservice Group on cybercrime and cyber-security

3. Cyberspace and nationalism



versus

national / regional law enforcement and legislation



4. The future ahead of us

- **Technical**

es



-cloud, IPv6

- **Criminological**

-more OC in cyber (lured by mass market, high profits, low detection risk)

-targeting of private corporations (cybersmear, espionage)

- **Organisational**

-mushrooms deal with cybercrime

-are police / L

5. The players – public / private

The IPv6 Internet

Who owns the Internet?

ca. 70-80% private, 30-20% public

- ▶ **implications for burden-sharing?**
- ▶ **models for really effective public-private cooperation?**



6. The players – law enforcement



EU legal channels



-
-
- Liaison officers (bi/multilateral)
- Police Cooperation Centres (bi/multilateral)



- **International**
- Interpol
- G8 24/7 cybercrime network
- CoE 24/7 cybercrime network
- MLA
- Liaison officers (UN(ODC))

7. The challenge

THE INTERNET'S "BLACK HOLES"

The screenshot shows a news article on the Victoria.com.au website. The article title is "Cyber-crime cases ignored by untrained police" by Carmel Egan, dated March 7, 2010. The article discusses how Victoria is lagging behind other states in tackling cyber-crime due to untrained police officers. It mentions that parents of children targeted by paedophiles and bullies online are being fobbed off at local police stations. The article also includes a "Join the conversation" section with a tweet button, a "Related Coverage" section with a link to "Police fall behind on cyber crime", and a "Top Victoria articles" list.

Victoria | Sport | AFL | Tipping | Melbourne Restaurants | Cars | Jobs | Real Estate | Dating

You are here: Home > Victoria > Article >

Cyber-crime cases ignored by untrained police

Carmel Egan
March 7, 2010

Ads by Google

[Is Jesus God?](#) www.Y-Jesus.com/JesusFacts
Scholars examine the facts about Jesus' claims to be God

Join the conversation
You're the only person reading this now. Tell your friends.

[Tweet](#) 0

Related Coverage
[Police fall behind on cyber crime](#)
Victoria Police is failing to deal with cyber crimes against children ...

Top Victoria articles

1. Knife fight hospitalises two men, injures a third
2. West Gate dad prepares to ...

PARENTS of children targeted by paedophiles and bullies online or via mobile phones are being fobbed off at their local police stations by officers untrained to deal with cyber-crimes, according to two former high-profile members of Victoria Police.

They say Victoria is lagging behind other states and territories when it comes to tackling cyber-crime because the police are unaware of which laws apply to the growing menace of online



7. The challenge - procedures

- generic information requests
 - requests to establish **owner of internet resource**
 - request to **take down illegal content**
 - preservation of data/disclosure of traffic data/ accessing data
-
- ▶ **c.f. Chapter III Budapest Convention – but Convention's mutual assistance provision are diluted – safe havens exist**
 - ▶ **cybercrime is under-enforced in many countries**
 - ▶ **speed matters**



8. The role of prevention



2centre



EU/U.S. WG

PPP



CERTs

8. The role of prevention

Legal - Orga

- interntl treaties
- EU legislation
- national law
- creation of bodies

Actors

- Users
- Victims
- offenders
- companies
- Gov'ts

- Police
- Military
- NGOs

- ...

Technical

- Hardware
- Software
- Separation of networks
- Kill switch

- ...



Cybercrime activities

- Proposal for a Directive on attacks against information systems



- based on existing Framework Decision 2005/222/JHA, but takes into account recent developments, especially the criminal use of botnets for large-scale attacks.
- Negotiations in the Council (DROIPEN) and the Parliament (LIBE) started in January 2011



Cybercrime activities

- European Cybercrime Center

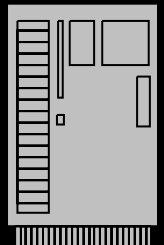
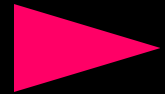
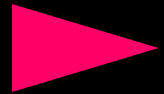


feasibility study

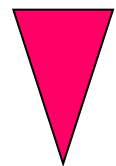
- Internal Security Strategy (November 2011) indicates 2013 as a starting date
- **Study to indicate**
 - where to locate ECC
 - precise nature of tasks

• Conclusions of the study to be published in 2011/early 2012

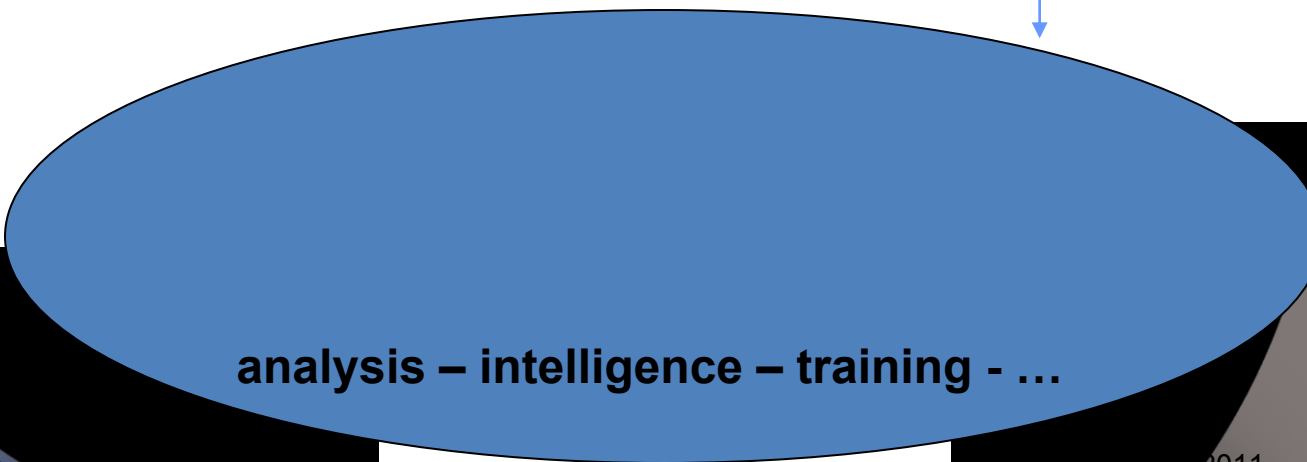
European Cybercrime Center



Following assessment, data is
– if deemed appropriate –
transmitted to ECC



© Disney



analysis – intelligence – training - ...

Cybercrime activities

- European Cybercrime Center

- National cybercrime reporting platforms not ready to feed into ECC
- overload of tasks



Cybercrime activities

- EU – US Cooperation

-
- First meeting EU / U.S. WG, cybercrime subgroup, on 24/25 February on Internet governance

• Second meeting EU / U.S. WG, cybercrime subgroup, on 24/25 February 2011 on child pornography



16.Deutscher Präventionstag, Oldenburg, 31 May 2011

THANK YOU

for your attention

@ marc-arno.hartwig (at) ec.europa.eu



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