Octopus Conference

"Developments at EU level regarding the fight against child abuse images"

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Dr. Michael Busch
European Commission
Information Society and Media Directorate General / Unit E.06 (Safer Internet & eContent)
Luxembourg

Fighting Child Abuse Material on the internet – EU political objectives

Connecting Europe Facility (CEF)

- The Commission has made a proposal on the "Connecting Europe Facility" (framework: proposed multi-annual financial framework 2014-2020)

- One of the 3 pillars of the "CEF" are "Digital Infrastructures"

- The "Digital Infrastructures" pillar (EUR 9.2 billion) covers
  - Broadband for all
  - Support to core service platforms for **digital service infrastructures** (including safety and security)

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"Digital Service Infrastructures" – Area of Safety and security

- **Integrated and interoperable services at European level, based on shared resources, tools and practices, aimed at empowering children, parents, carers, teachers to make the best use of the Internet**
- *Core service platform*: **e.g. databases / tools for the Safer Internet Centres, common databases**
- *Generic services*, **e.g. helplines, hotlines, tools to ensure access to age-appropriate content and services, software that allows easy and fast reporting of CAM, grooming, bullying, software allowing better identification of CAM on the Internet**

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Chief Executive Officers Coalition

Initiative of Vice-President Neelie Kroes: CEOs of the ICT industry invited to form a coalition for making the Internet a better place for kids

Covers specific measures in 5 areas, including the area of the

Take-down of child sexual abuse material through
- **Reinforced cooperation and agreed procedures between industry, law enforcement and hotlines**
- **Quantified targets for removing notified child sexual abuse images**
- **Proactive steps to remove known content using technical tools**

Timeline: Next 18 months

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Child Sexual Abuse Material on the internet– a changing landscape

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Fighting against production, distribution and consumption of child abuse images online
The relevance of the web

In the past the EU had concentrated on fighting child abuse material on the www. However:

- **The newly produced child abuse material is rather not disseminated on the web**

- **The worst child abuse material is rather not disseminated on the web**

- **The majority of child abuse material is not disseminated on the web**

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Peer-to-peer networks

- **MAPAP (Measurement and Analysis of P2P activity Against Paedophile content) project (ended in 2010):**

  - **provides accurate information on paedophile activity in currently running p2p systems**

  - **designed methods and tools to support Law Enforcement searching and assessing paedophile exchanges**

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Peer-to-peer networks

Analysis of P2P activity Against CSA content
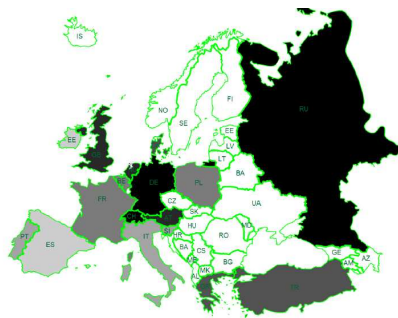
Analysis of _eDonkey_, collected data:

– **89,000,000 users**
– **275,000,000 unique files**
– **117,000,000 keywords**
– **Main funding: 2 out of 1,000 are CAM queries, 2.5 out of 1,000 are CAM consumers (222,500 of those screened)**
– **Automatic detection tools ready to be used by police**
– **User behaviours and maps**

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MAPAP results

Total number of queries by country
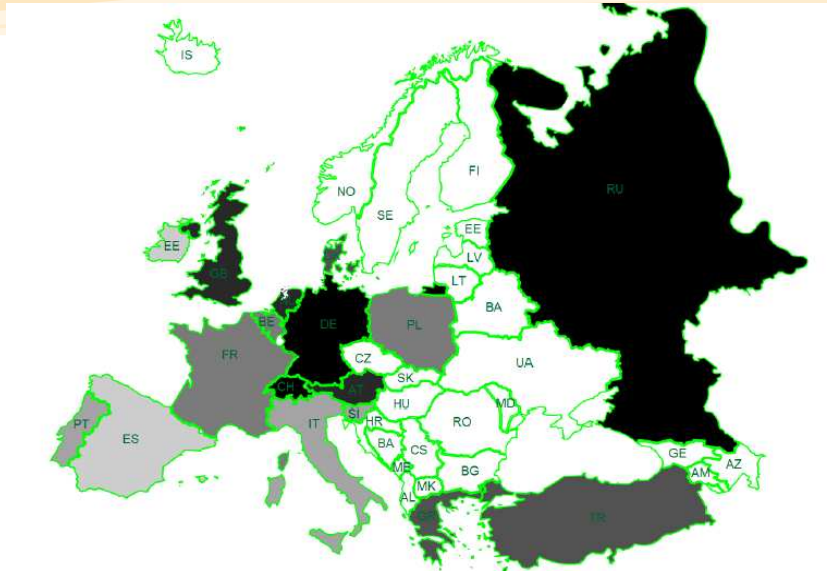
CSA queries with respect to the total number of queries entered by users

Dark grey a high fraction - Light grey low fraction.

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Fighting Child Abuse Material
on the internet –
EU Operational objectives

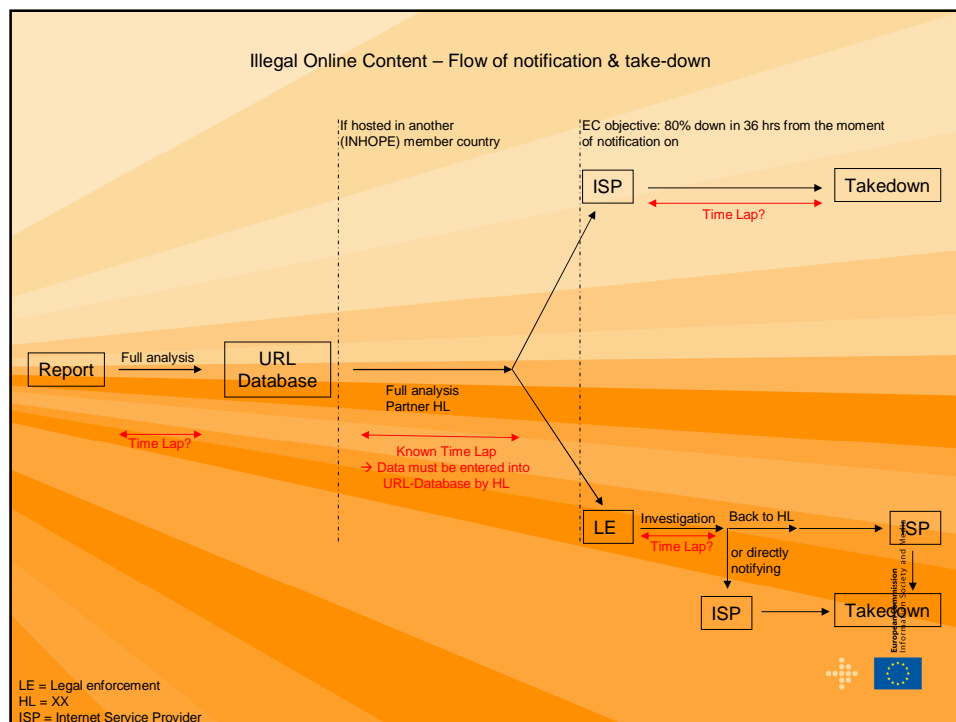# Fighting child abuse images online
Operational objectives

Objective 1: Rapid notice and take-down

- **CAM hosted in the EU shall be rapidly taken down once reported**
- **Good international co-operation**

Illegal Online Content – Flow of notification & take-down

If hosted in another (INHOPE) member country

EC objective: 80% down in 36 hrs from the moment of notification on

ISP → Takedown

Time Lap?

Report → Full analysis → URL Database

Full analysis Partner HL

Time Lap?

Known Time Lap
→ Data must be entered into URL-Database by HL

LE → Investigation → Back to HL → ISP

Time Lap?

or directly notifying

ISP → Takedown

LE = Legal enforcement
HL = XX
ISP = Internet Service Provider

**Fighting child abuse images online
Operational objectives**

Objective 2:

Fight Child Abuse Material disseminated via other channels than the www.

Planned for 2012: Focus on P2P networks

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**Fighting child abuse images online
Operational objectives**

Objective 3:

– **Prevent known CAM from being uploaded again**
– **Active search for CAM on industry networks**

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**Fighting child abuse images online
Operational objectives**

Objective 4:

**Support police investigators with
technical tools and better access to
aggregated intelligence**

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**Support police investigators with technical tools and
better access to aggregated intelligence**

**Technological tools to support police
investigations:**

Example: **I-Dash project (Safer Internet
program)**

- **Tool facilitates analysis of evidence material
on seized computers (videos)**
- **Tool has created a fingerprint technology
allowing matching videos across different
formats**
- **NL police is establishing a national CAM
database using this technologies**

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Support police investigators with technical tools and

better access to aggregated intelligence

INTERPOL - International Child Sexual Exploitation Image Database – ICSEDB - Expansion and Enhancement Project
(01/09/2009 - 31/08/**2012**)

Objectives

- Connect a further 30 countries to the database
- Enhance database performance & efficiency

Goals - to increase

➢ The number of identified victims & Offenders
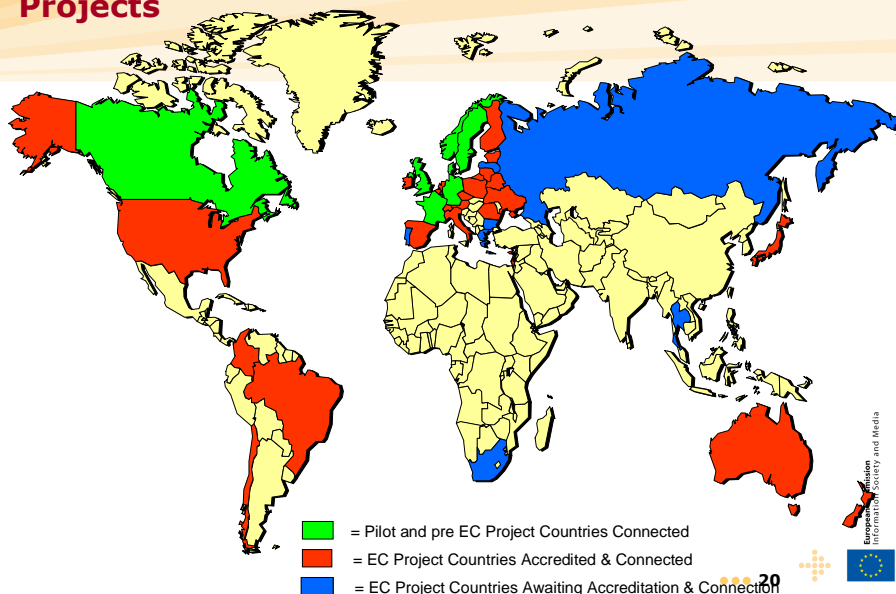➢ The number of trained investigators and workstations

First feedback shows considerable increase of identified victims

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Safer Internet program
INTERPOL ICEDB – Example for Technical Projects

= Pilot and pre EC Project Countries Connected
= EC Project Countries Accredited & Connected
= EC Project Countries Awaiting Accreditation & Connection

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INTERPOL - International Child Sexual Exploitation Image Database – ICSEDB

Planned for 2012: extension of the database by adding the functionalities for a video collection

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Objective 5:

New ways of fighting CAM on the www.

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New ways of fighting CAM on the www
(Operational objective 5)

Possible new actions:
- domain name revocation
- development of the hotlines' capacity to analyse videos

More actions are currently being discussed / prepared

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INHOPE URL database and statistics

INHOPE URL database

The URL database is now operational. It

➤**is the central tool of 39 hotlines which operate globally for fighting CAM in the internet (mainly on the www)**

➤**helps avoiding double work**

➤**will allow more and more precise data and statistics.**

Summary: planned for 2012

- Coalition of CEOs: results expected for end 2011
- Safer Internet work program 2012: planned to be adopted in December 2011, call for proposals published January 2012 (including law enforcement project on P2P networks, extension of International Child Sexual Exploitation Database, tools for industry)
- Processing of new instrument "Connecting Europe Facility (from 2014 on)" in the Council of Europe and the European Parliament

Thank you for your kind attention

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