



# Internet intermediaries

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# We Move into the Third Phase of the Internet

1980–1995

Era of deregulation and competition,  
Internet arrives

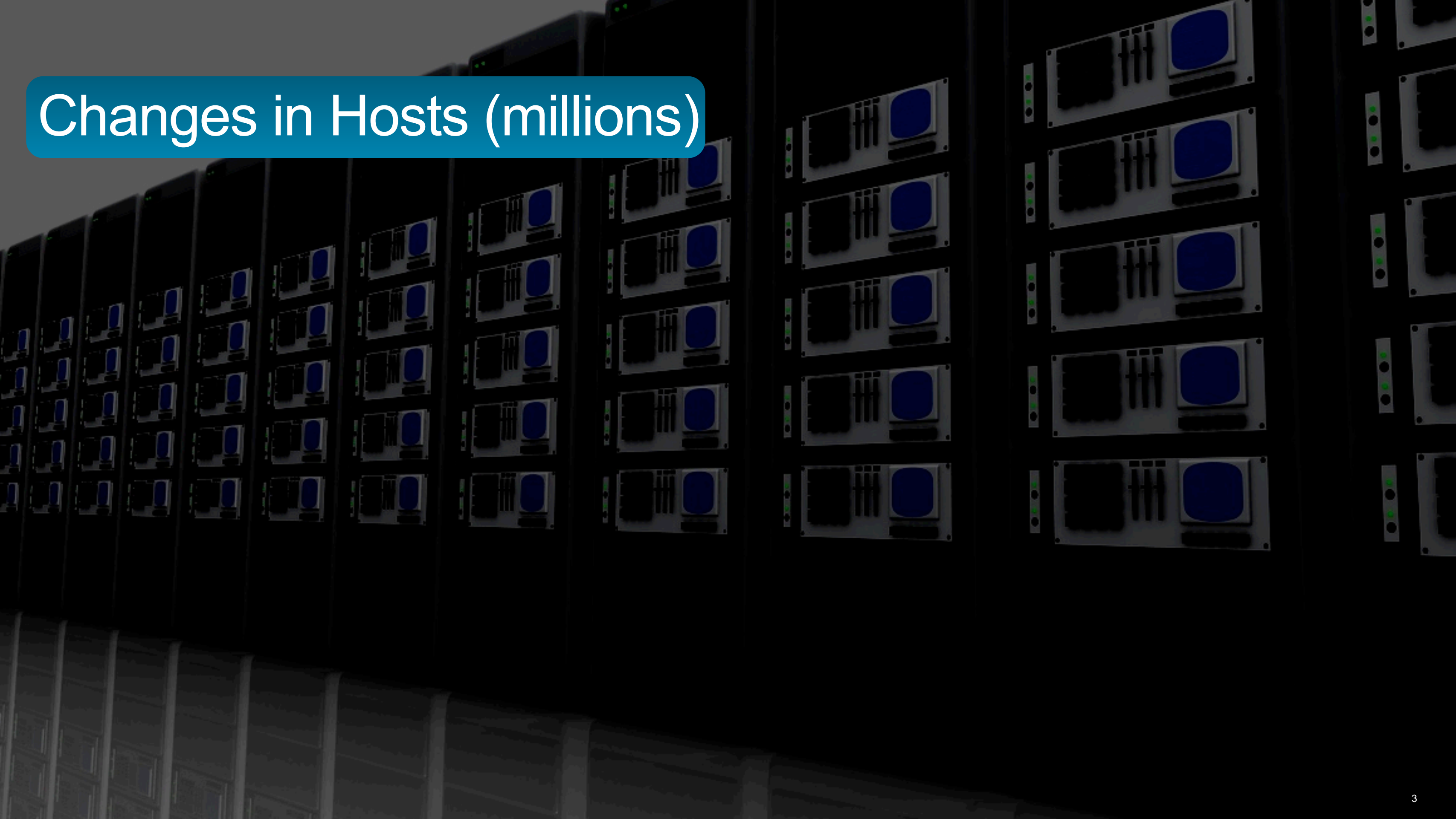
1995–2010

Early days of Internet, service providers,  
social networking, mobile Internet

2010–2025

Internet takes off...

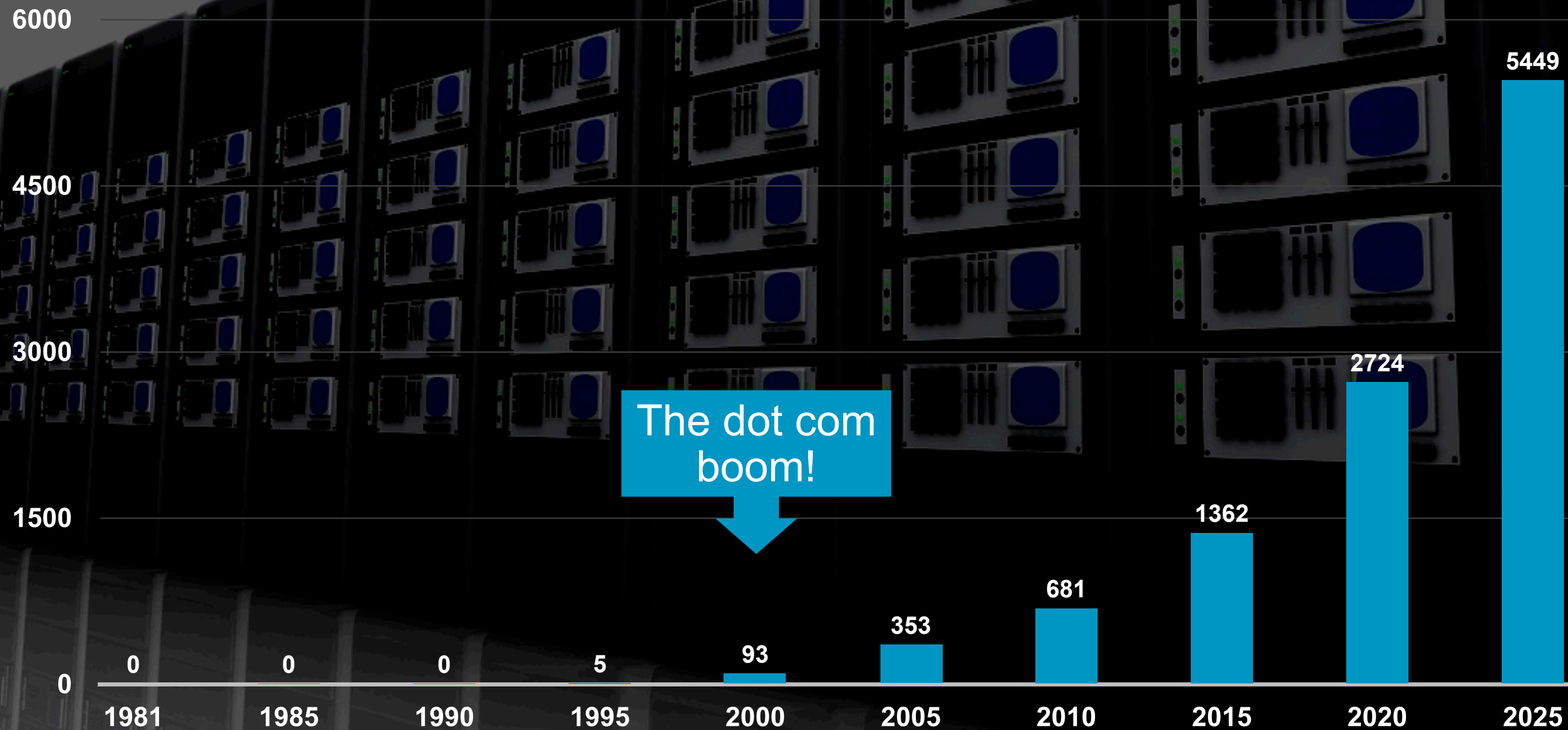
# Changes in Hosts (millions)



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# What is an intermediary? OECD DSTI/ICCP(2009)9/FINAL

- Internet access and service providers
- Data processing and web hosting providers, including domain name registrars
- Internet search engines and portals
- Web e-commerce intermediaries
  - Internet retailers and auction platforms
  - Business-to-business (B2B) electronic markets using the Internet
- E-commerce payment systems
  - Multi-bank schemes
  - Mono-bank solutions
  - Bank-independent intermediary payment solutions
- Participative networked platforms

# Participative networked platforms

- Blogs
- Wikis and other text-based collaboration formats
- Instant messaging
- Mobile
- Sites allowing feedback on written works
- Group-based aggregation
- Photosharing sites
- Podcasting
- Social network sites
- Online computer games
- World of Warcraft
- Video content or filesharing sites







# Changes in nomadicity





11:21  
11:22  
Sponsoring Club  
Official Sponsoring  
Equipment

AGORA  
SOMMA HOCER  
PEAB  
Sälen  
EEAB  
CLIFFTON  
BLUE KELD  
BLUE KELD  
BLUE KELD  
CERNITOL  
Tajflight  
PEAB  
MEDICAL  
STANLEY STARVA

# Is there any limit on communication?

- The choice of communication should be with the end user
  - Negotiation with whoever she is communicating with
  - Subscribe to whatever service she wants
- Intermediaries must be neutral?
  - Can not touch or change information
  - Action have impact on human rights
- Intermediaries have a role?
  - Blocking access to illegal content and services
  - Lawful intercept, data retention



Must be neutral



Maximize revenue for  
shareholders

Have a responsibility to act



“Whether its child porn or botnet-making sites, there should not be a libertarian discourse that says we won't ask Facebook or Internet Service Providers to take sites down because that would be against freedom of speech,” warned Robert Madelin, head of the European Commission's directorate-general for the information society.

<http://www.euractiv.com/en/infosociety/internet-companies-held-accountable-warns-commission-news-504386>

Such additional measures may take the form of guidance or general legislative measures to enhance competition and consumer choice, such as by further facilitating consumer switching, or if this should prove to be insufficient, by for example imposing specific obligations regarding unjustified traffic differentiation on the internet applicable to all ISPs irrespective of market power. **This could include the prohibition of the blocking of lawful services.**

[http://ec.europa.eu/information\\_society/policy/ecomm/doc/library/communications\\_reports/netneutrality/comm-19042011.pdf](http://ec.europa.eu/information_society/policy/ecomm/doc/library/communications_reports/netneutrality/comm-19042011.pdf)

Such additional measures may take the form of guidance or general legislative measures to enhance competition and consumer choice, such as law further facilitating consumer switching, or for regularizing unjustified discrimination by ISPs on the internet applicable to all ISPs irrespective of market power. **This could include the prohibition of the blocking of lawful services.**

Where is discussion on how to handle non-lawful services?

[http://ec.europa.eu/information\\_society/policy/ecomm/doc/library/communications\\_reports/netneutrality/comm-19042011.pdf](http://ec.europa.eu/information_society/policy/ecomm/doc/library/communications_reports/netneutrality/comm-19042011.pdf)



## 8. Cybercrime

The Presidency of the LEWP presented its intention to propose concrete measures towards creating a single secure European cyberspace with a certain "virtual Schengen border" and "virtual access points" whereby the Internet Service Providers (ISP) would block illicit contents on the basis of the EU "black-list". Delegations were also informed that a conference on cyber-crime would be held in Budapest on 12-13 April 2011.

<http://register.consilium.europa.eu/pdf/en/11/st07/st07181.en11.pdf>





Thank you.



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