



**DG Information Society and Media  
European Commission**

# **"Future networks and the internet"**

**Darmstadt,  
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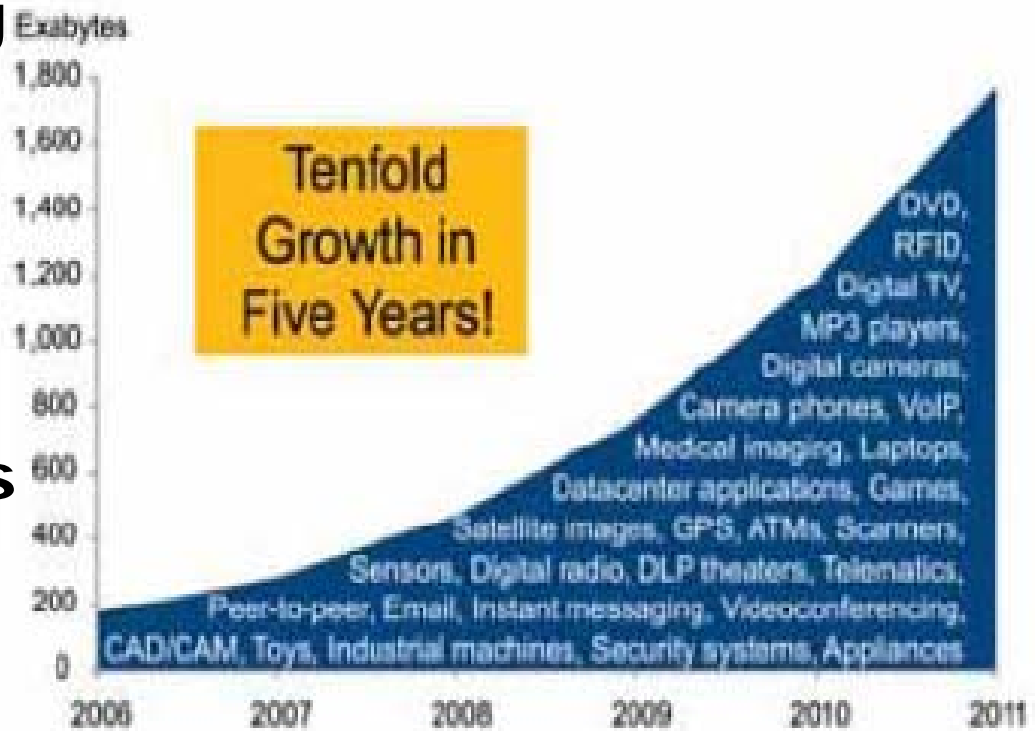


# Which trends are important to prepare for?

## Communication on future networks and the internet COM 2008/594

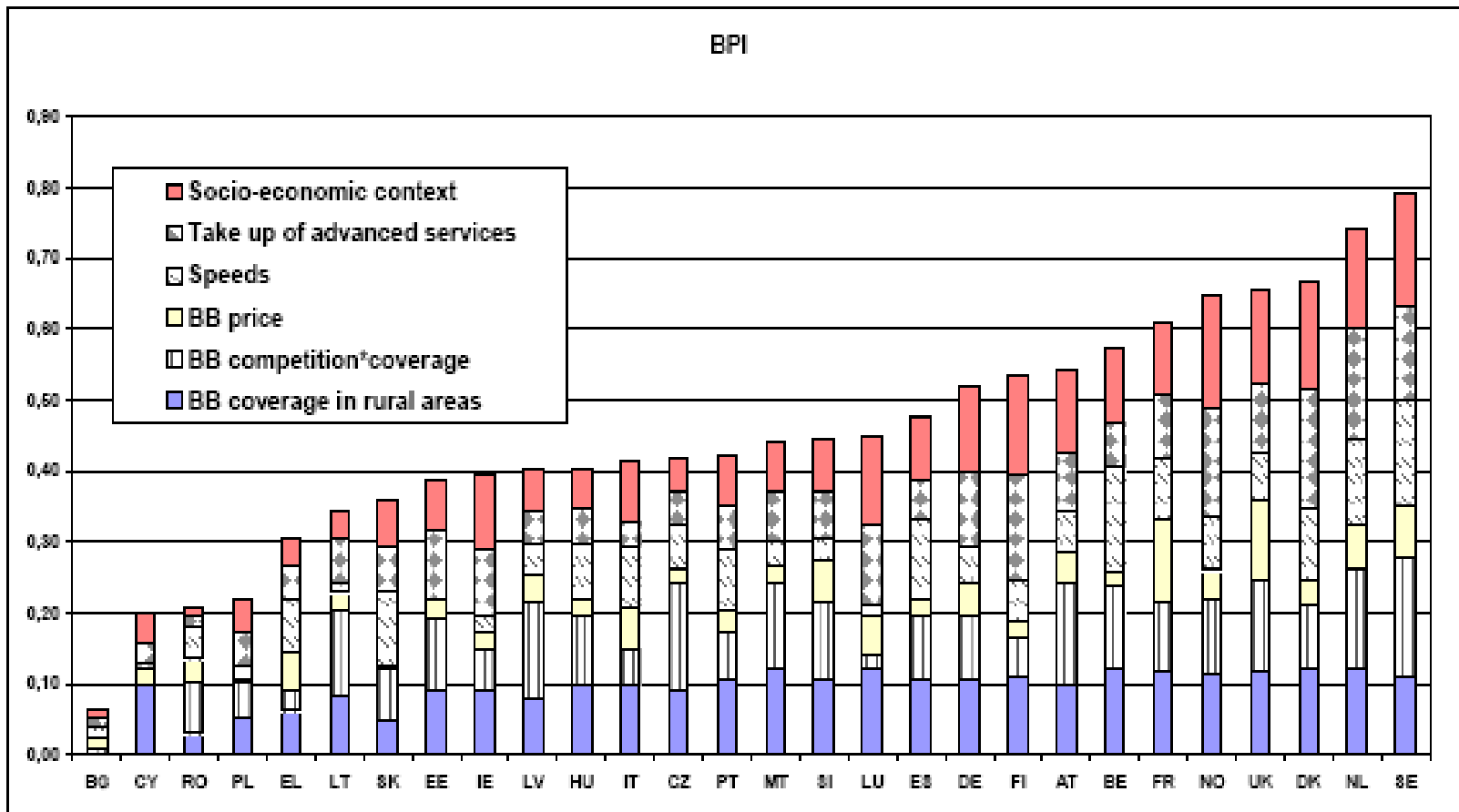
- Social networking
- Nomadic use
- Internet of Things
- Explosion in data

Digital Information Created, Captured, Replicated Worldwide



IDC 2008

# Indexing EU broadband performance



# IPv6 is an opportunity

- The Internet Protocol is at the heart of the Internet
- Unfortunately IPv4 addresses are being depleted and already now scarcity is being felt
- IPv6 is the protocol for the future but its implementation is still lacking
- There is an opportunity for Europe to lead the adoption of this protocol



# IPv6 Action Plan

- The Commission proposed an ambitious Action Plan
  - By 2010 we should have made a significant step forward (25%)
- A key element is public procurement
  - We need a consistent and forceful strategy in all Member States



# ....and what are the implications?

Privacy digital divide IPR  
content distribution Fibre  
broadband net neutrality end-to-end  
Copyright consumer lock-in open  
standards innovation security consumer  
empowerment VDSL ONS Competition law  
interoperability IPv6



## Conclusions



- Recommendation on NGA
- Keeping the internet open to competition, innovation and consumer choice
- Broadband for all
- Privacy & Security
- Launching a debate on the design and development of the internet of the future
- Global coordination





### References:

[http://ec.europa.eu/information\\_society/europe/i2010/](http://ec.europa.eu/information_society/europe/i2010/)

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