

Net Neutrality in Europe

*Cycle of conferences on Internet, Democracy and Governance
European Parliament
27 February 2012*

traffic management is essential to allow an open Internet...

- public Internet benefits from managed services
- traffic versus capacity
- to ensure a smooth functioning of the networks (e.g “triple play”)
- on a non discriminatory basis

can you imagine a world without managed networks

life without networks would mean...



no video streaming



no news on mobiles & tablets



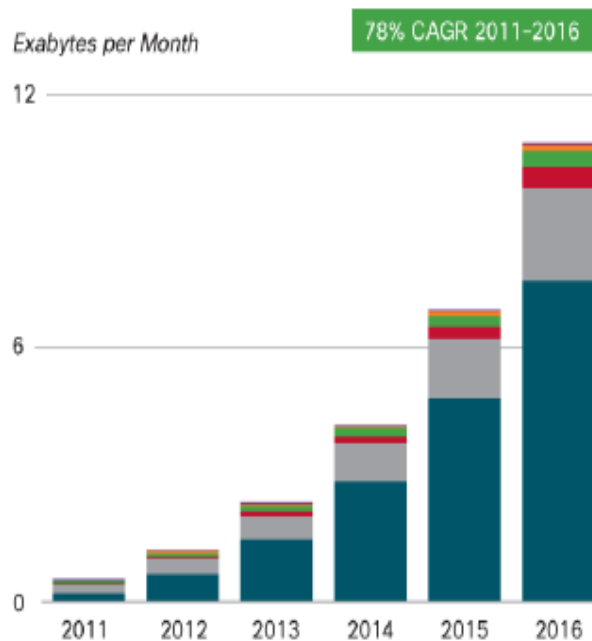
no social networks



no web services

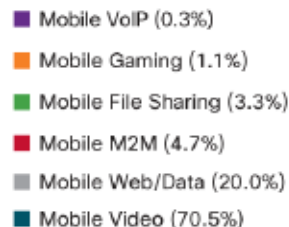


the existing business model at wholesale level is hardly sustainable



- while Internet has developed thanks to the networking of peers exchanging symmetric traffic...
- ...internet is now characterized by huge traffic imbalances serving certain business models
- this is not sustainable anymore as the required investments in networks is not compensated by additional revenues
- this suggests an economic signal, at the wholesale level, must be sent in case of imbalanced traffic, to help re-internalizing negative externalities

Mobile Video Will Generate Over 70 Percent of Mobile Data Traffic by 2016



Source: 2012 Cisco
visual networking
index Feb 2012

at retail level : customer choice and competition

- new provisions in the 2009 framework
- competition and transparency to protect consumers
- customer choice suggests segmentation is needed
- self- and co-regulation have started to deliver at national level
- Comparability of information and consistency in implementation by all players, under the control of NRAs
- Information of users : the right balance is needed between meaningful and impractical information

1) the open Internet relies on managed networks

Can you imagine a world without managed networks?



3) Consumer's choice is the better protection

- Segmentation of offers, competition and investments are the best tools to ensure consumers' choice
- Transparency is needed to support this choice

2) Increase of volumes and traffic imbalances are an issue

- Ex: Global Mobile data traffic to increase **18-fold** between 2011 & 2016

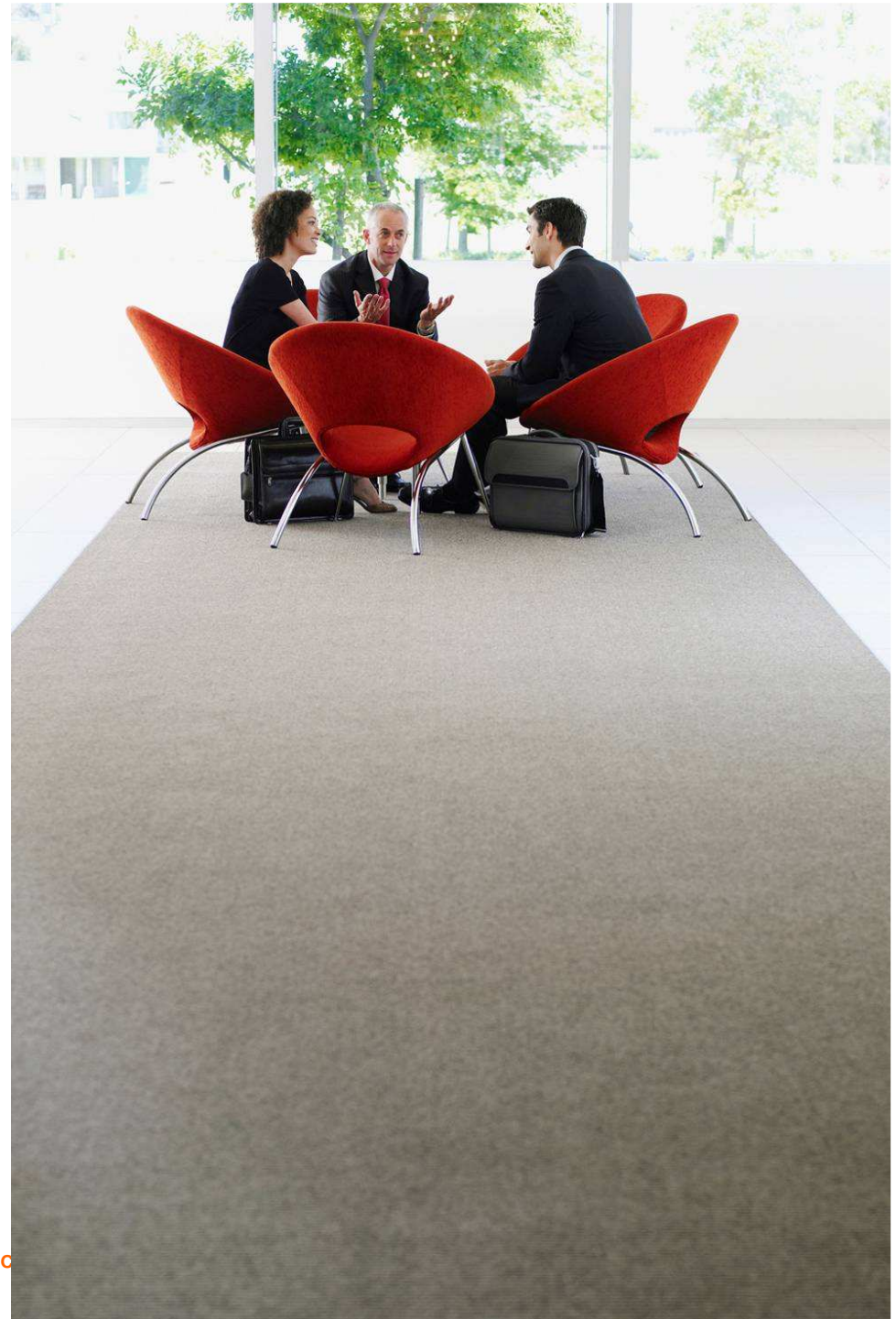
Source: 2012 Cisco visual networking index Feb 2012

Global Mobile Data Traffic Growth	
2009	140%
2010	159%
2011	133%
2012 (estimate)	110%
2013 (estimate)	90%
2014 (estimate)	78%

4) Net neutrality goes beyond Internet access

- Net neutrality could apply to all actors: content providers, device providers, Internet providers, etc
- Fair level playing field required between competing services

Thank you
Any questions?



Internet - Ecosystem

