Net neutrality activities at BEREC and Nkom

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Net neutrality – why is it important?

• **The Internet** is important to economy, social life, cultural diversity and democracy.

• Goal: Preserve the Internet as an open and **non-discriminatory platform** for all types of communication and content distribution.

• **Users control** the use of their own access

• **Innovation** of content and applications

• **Demand** for content and applications drives the **demand** for bandwidth
Net neutrality – what is it?

Net neutrality describes the principle of **equal treatment of network traffic**.

That communication is treated equally means that it is treated **independent of (i) content, (ii) application, (iii) service, (iv) device, (v) sender address, and (vi) receiver address**.

Summary of BEREC positions on net neutrality, 3 December 2012

BEREC Response to the European Commission’s consultation on the open Internet and net neutrality in Europe, 30 September 2010
Net neutrality in Norway

Clarification phase
2008
Net neutrality pre-study
2008-2009
Co-regulatory working group
2009
Net neutrality guidelines

Adjustment phase
2010-2012
NN reference group
2011
NN also for mobile
2012
CDN regulatory report

Consolidation phase
2013+2014
Norwegian NN Forum
2013
Revised Ecom law
2014
Zero-rating vs. NN


Throttling p2p and streaming
Telenor de-peering NIX
Blocking mVoIP in Europe
Discussion about Netflix
Zero-rating spreads in Europe
TSM Regulation discussion

External incidents etc.
Net neutrality in Europe

**2009**
- **Norwegian NN guidelines**

**2010**
- **Dutch NN law**

**2011**
- **Slovenian NN law**

**2012**
- **Commission consult NN**
- **BEREC NN policy**

**2013**
- **Commission proposed regulation**
- **Parliament resolution**

**2014**
- **Council proposal**
- **Trilogue process**

**2015**
- **US / FCC Open Internet report & order**

**Legal initiatives:**
- Belgium
- Luxembourg
- Germany
- Finland (EC 2014 report)

**Traffic Management Investigation (TMI)**
- Fixed: 1/5 users affected
- Mobile: 1/3 users affected
Net neutrality and BEREC

- Ecodem report
- QoS feasibility

2010: EC NN Consult

2011: TMI

2012: NN & Transparency

2013: NN & Quality of service

2014: QoS Monitoring → Feasibility study

2015: Telecom Single Market

Analysis of NN provisions

CEA

NGN

Competition issues

IP interconnection
Questions?

Thank you!

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