SABIEDRISKO
PAKALPOJUMU
REGULĒŠANAS
KOMISIJA

Challenges to Regulation: Intenet Ecosytem

ANDREJS DOMBROVSKIS

Deputy Director, Electronic Communications and Post (SPRK)

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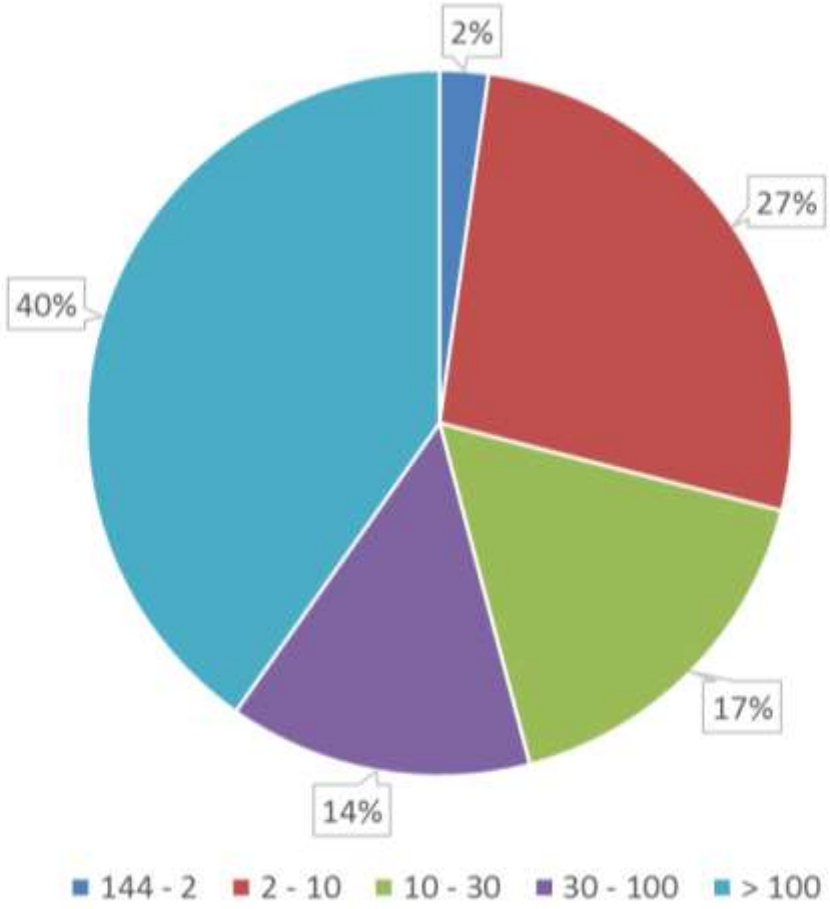
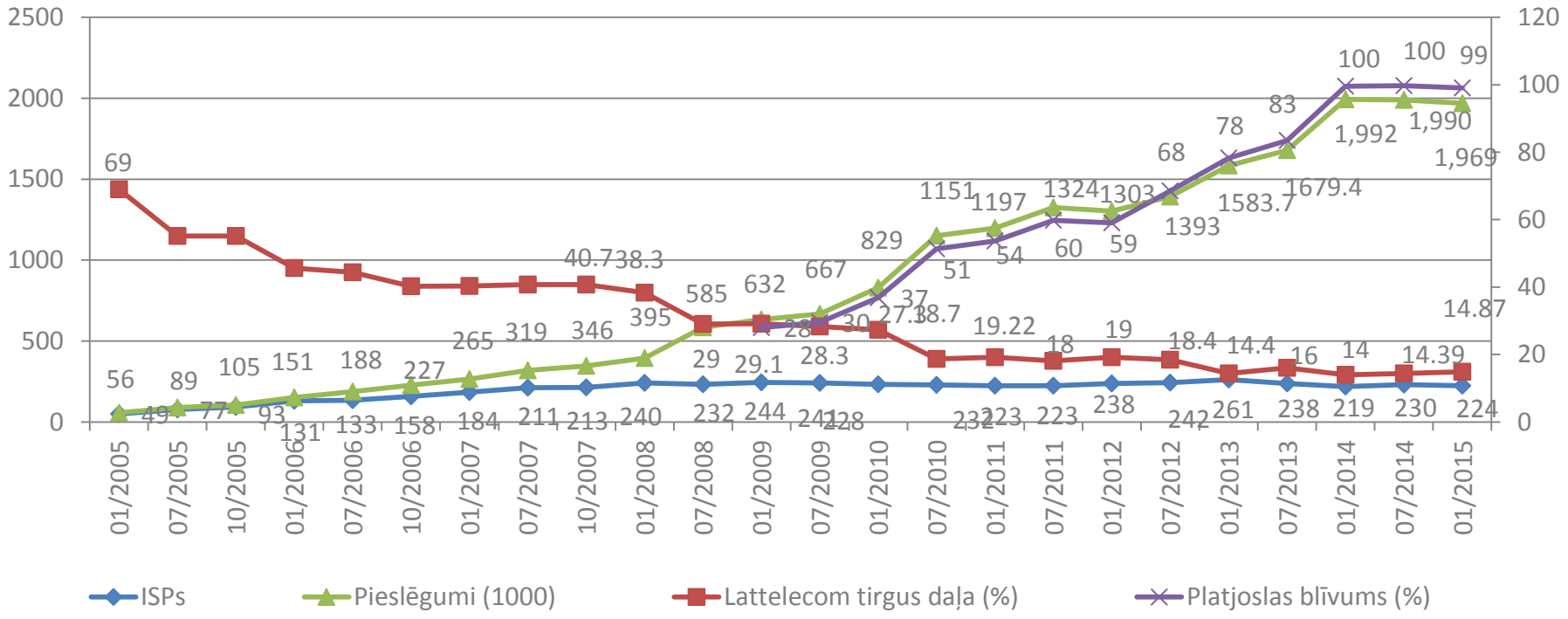
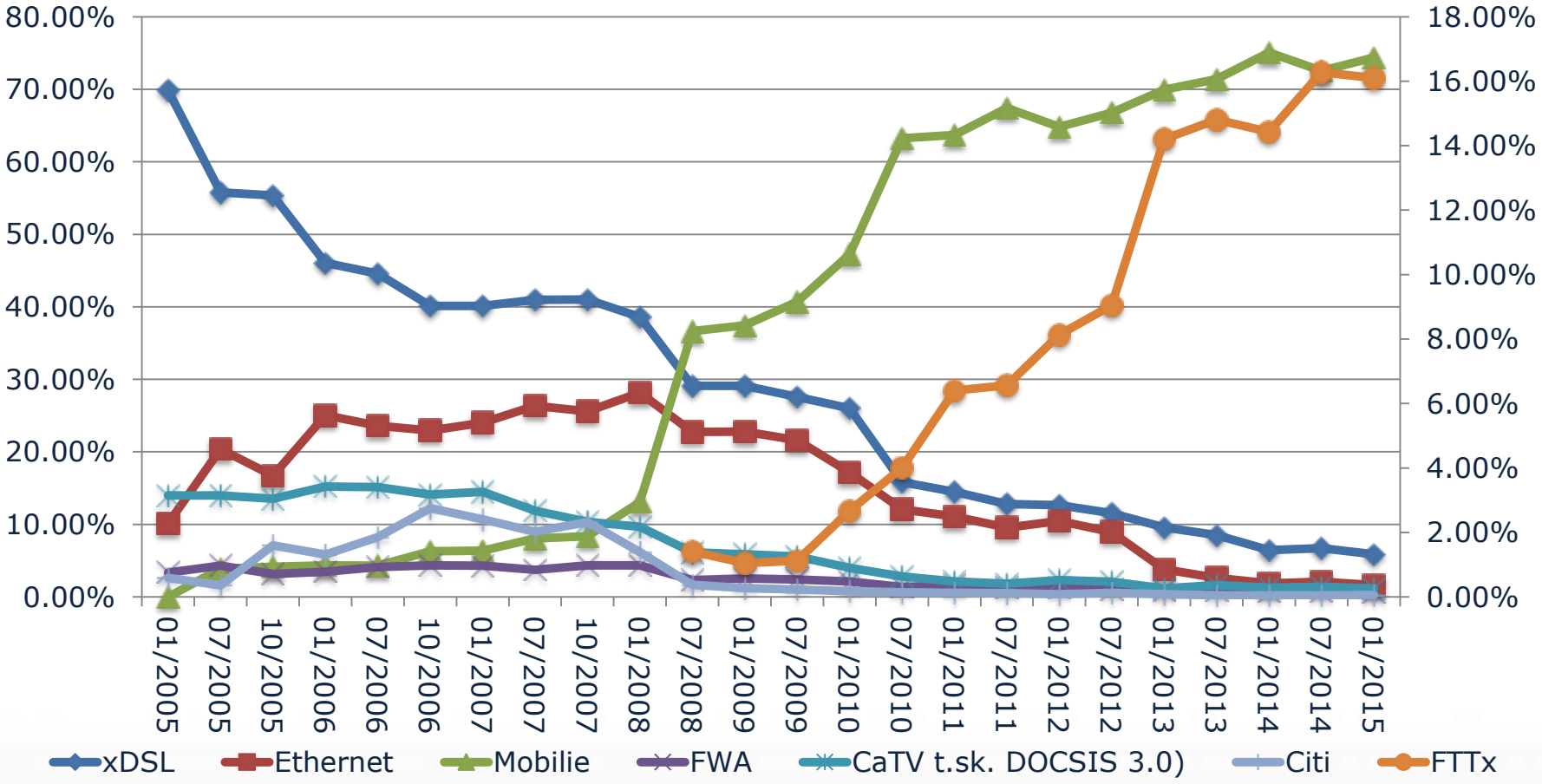
% of Fixed Broadband Connections by Download Speeds



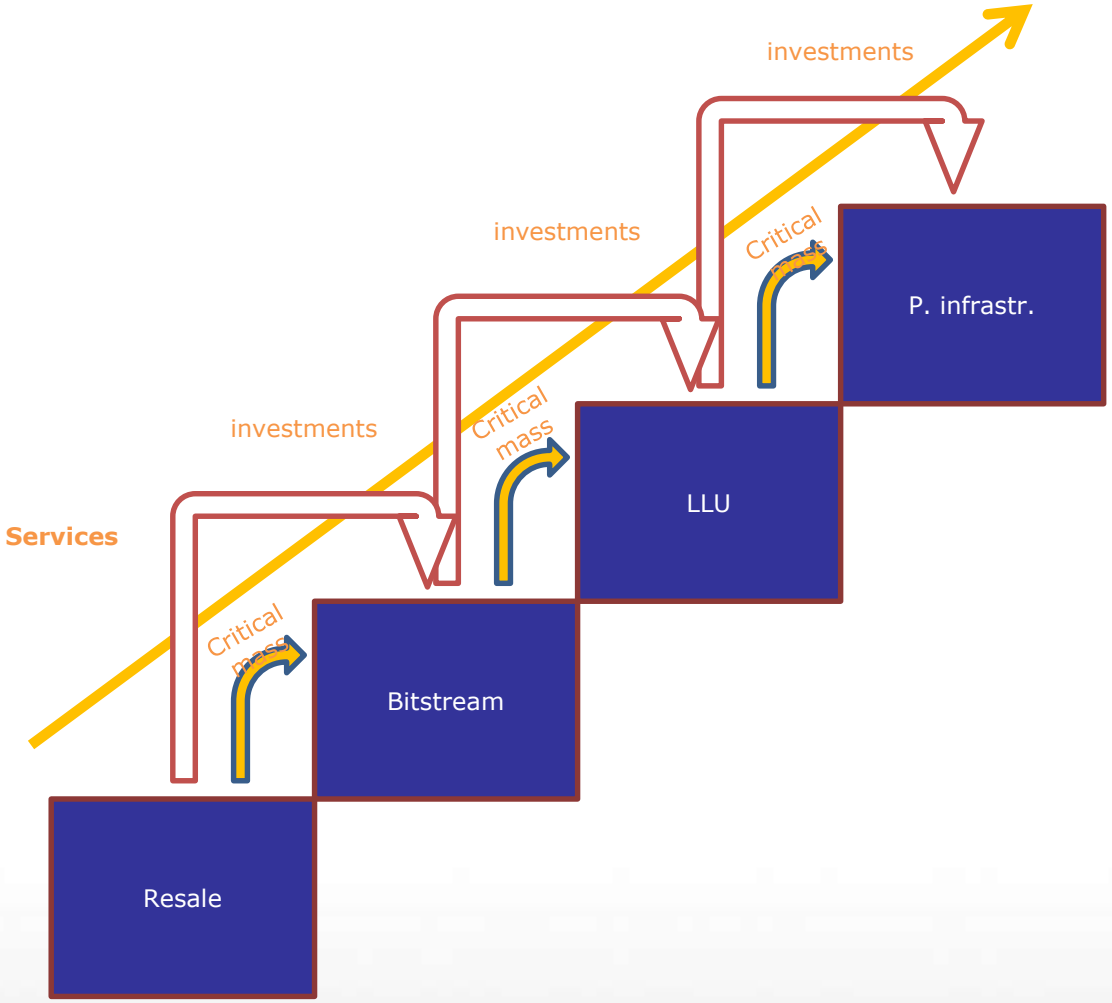
Broadband Market Structure



Broadband Technologies



EU service based competition model and Digital Agenda targets

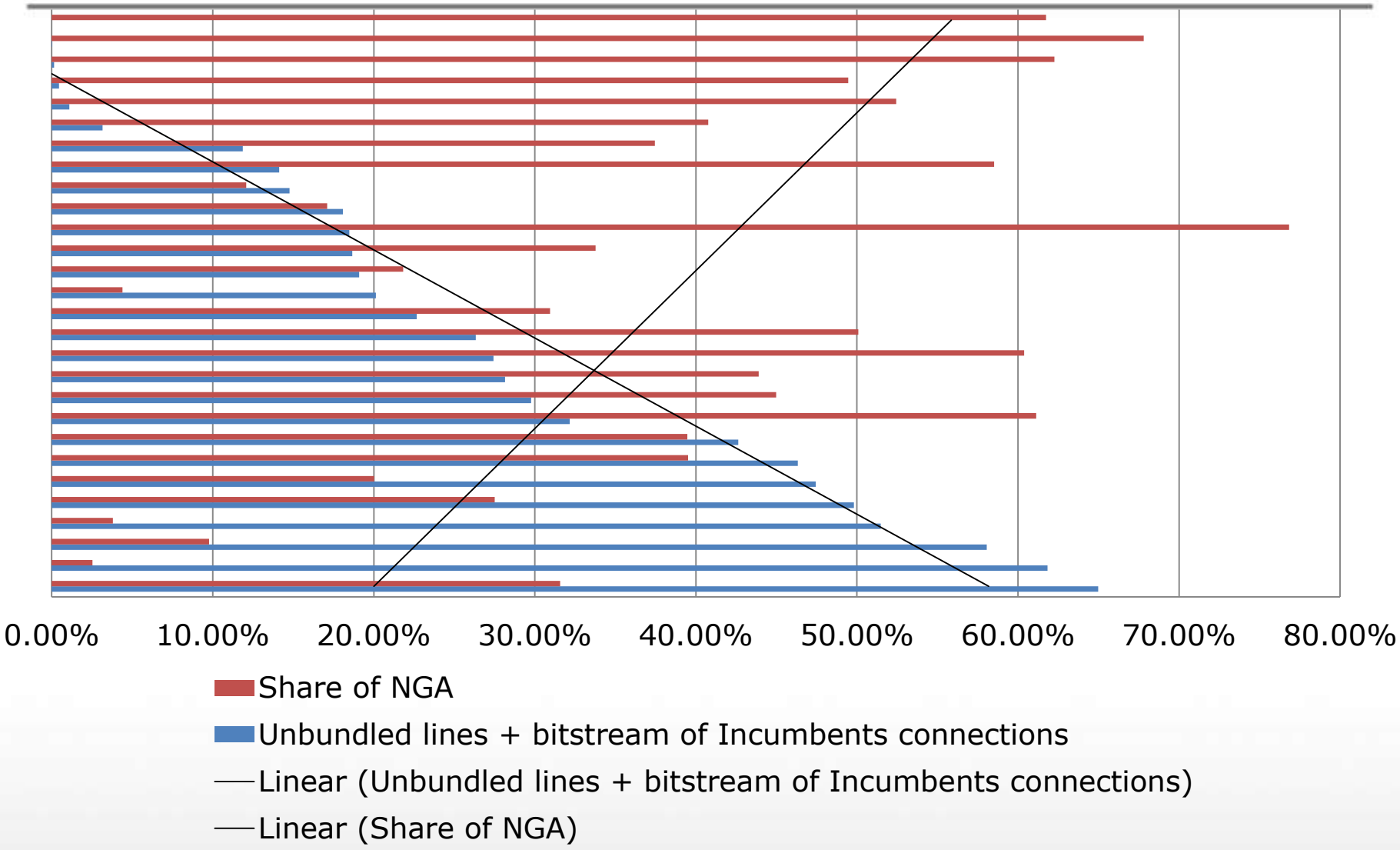


EU Digital Agenda targets 2020

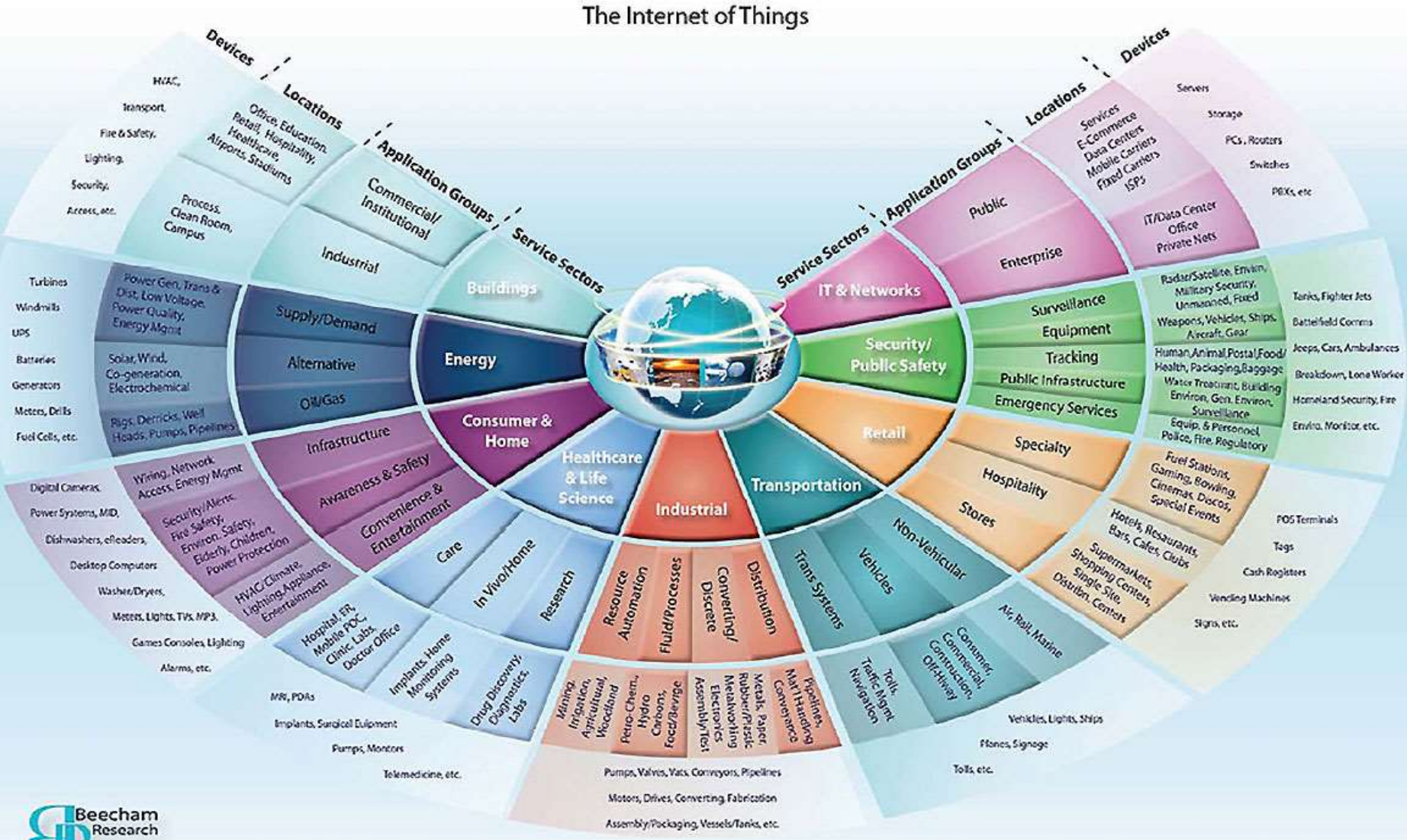
100% res. ≥ 30 Mb/s

50% housh. ≥ 100 Mb/s

Service/infrastructure based competition/NGA roll out



IoT Ecosystem



Beecham Research

Source: Cisco and Beecham Research

OTTs

Source: NovoTech

Regulatory Challenges – Competition/Market

ABSOLUTE FUNCTIONAL CONNECTIVITY – EVERYTHING EVERYWHERE

OPERATORS

ISPs

ENDUSERS both B&C

OPERATORS

- Having infrastructure competition poses different kind of challenges for regulation
- Offers are not based on wholesale products and are very different, varying among platforms
- Availablity of regulated access to non-SMP infrastructure – masts, ducts, etc.
- Geographical market segmentation for ex ante regulation – detailed connection maps, IT systems

Regulatory Challenges – Users/Market

ABSOLUTE FUNCTIONAL CONNECTIVITY – EVERYTHING EVERYWHERE

•Consumer Empowerment - transparency of retail offers/comparisons and literacy

•Consumer Empowerment – net neutrality and quality of service is of a major importance, in order to ensure consumers both understand what they are subscribed to and are actualy receiving those services

•QoS as a competitive offer – Latvian Electronic Communications Law provides SPRK with rights to setup a QoS management system

•QoS built into end-user agreements and are mandatory to follow. Room for best effort?

•Minimum speed to provided shall be agreed upon in an agreement. Is speed still valid criteria?