

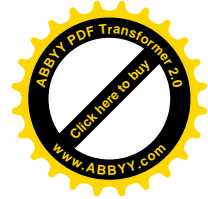
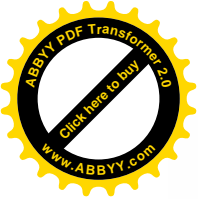


3GPP LTE Future Vision

Adrian Scrase

Head of 3GPP Mobile
Competence Centre



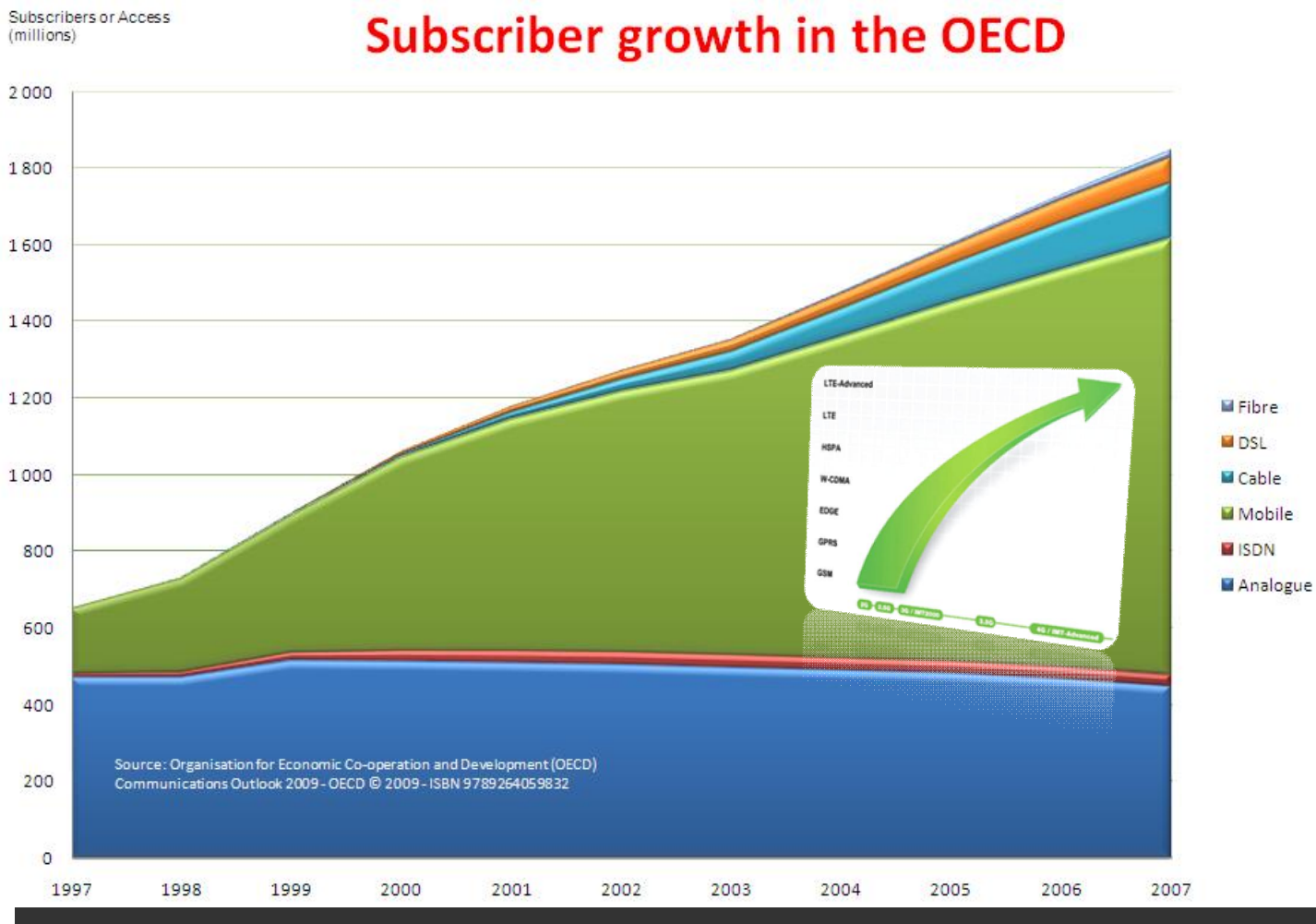


THE Mobile Broadband Standard

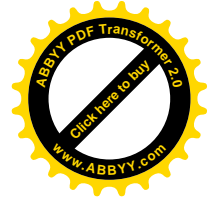
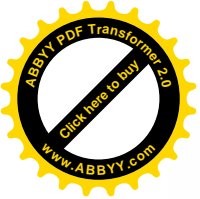
You are here...



Subscriber growth in the OECD



Between 7 and 16yrs - 86% own a cell phone (Source: UK National Literacy Trust)



THE Mobile Broadband Standard

Mobile is the 'killer App' for Networks



Fixed/Mobile trends

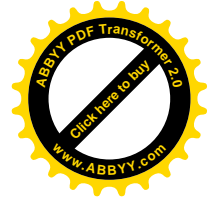
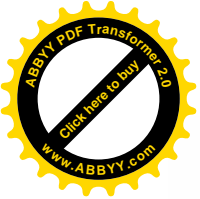
Fixed lines in 2005	1.2 Billion	
Fixed lines in 2010	1.2 Billion	(Source ITU)
Mobile Subscribers 2005	2.2 Billion,	
Mobile Subscribers 2010	5.2 Billion	(Source ITU)

Performance of HSPA and LTE approaching fixed line performance levels

Mobile Network Operators moving to LTE

Standards Developing Organizations are doing the same...converging on 3GPP LTE

"Mobile Broadband" – the creation of a new market segment






THE Mobile Broadband Standard

Building on LTE

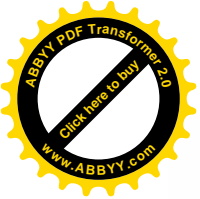


This is the beginning of the next phase of 'Mobile'

-  Global Eco-system, Global Brands, Global roaming
-  Economies of scale and Consolidation (M&A)
-  The ubiquitous mobile device is a natural choice for new services, including;
 - M2M
 - Navigation and location
 - eGovernment, eEducation, eHealth...
 - Home & Office monitoring and control
 - Financial transactions
 - Entertainment – TV&Radio, Music/Film/Social media downloads, Podcasts...

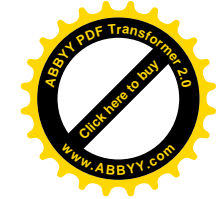








3GPP Release 11 is underway – Lots to do!



THE Mobile Broadband Standard

Today's Workshop



-  Radio Access Networks (*3GPP RAN*)
-  Core Network migration to EPC (*3GPP CN*)
-  Services Evolution (*3GPP SA*)
-  LTE Deployment Update & Spectrum issues (*GSA*)
-  Regulatory update (*ComNews*)
-  Panel – Dialogue on Russian requirements for LTE
 - *Orange, 4G Consortium, Rostelecom, Osnova Telecom, MegaFon*