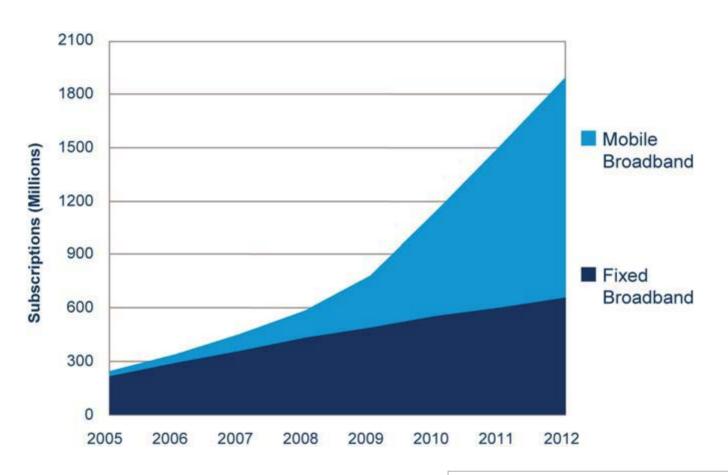
Broadband Workshop:Wireless

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Growth of Wireless Broadband



Forecasted Global Broadband Subscriptions (Source: Ericsson, Feb. 2009)

Need for More Commercial Spectrum

- Penetration rate for Commercial Mobile Radio Service in U.S. is approximately 90%
- Consumers using and demanding bandwidth-intensive services and applications
 - T-Mobile G1 customers consuming 300 MB+ per month
- More spectrum is critical for enhanced mobile broadband performance, capacity and quality
- New spectrum needs to be meaningful (EU Digital Dividend 100 MHz) and "clear for use" in an early timeframe

Technology Evolution

- Mobile networks rapidly evolving to enhance performance (speed and latency), capacity and utilization of spectrum
- T-Mobile continues to expand reach and capability of 3G network
 - HSPA reaching 200M POPs in 2009
 - HSPA+ (21Mbps downlink) deployment commencing in 2009
- LTE (Long Term Evolution) already trialed by T-Mobile in Europe and brings significant incremental performance (100+ Mbps) and capacity benefits
- Technology evolution path adopted globally driving both device ecosystem and economies of scale