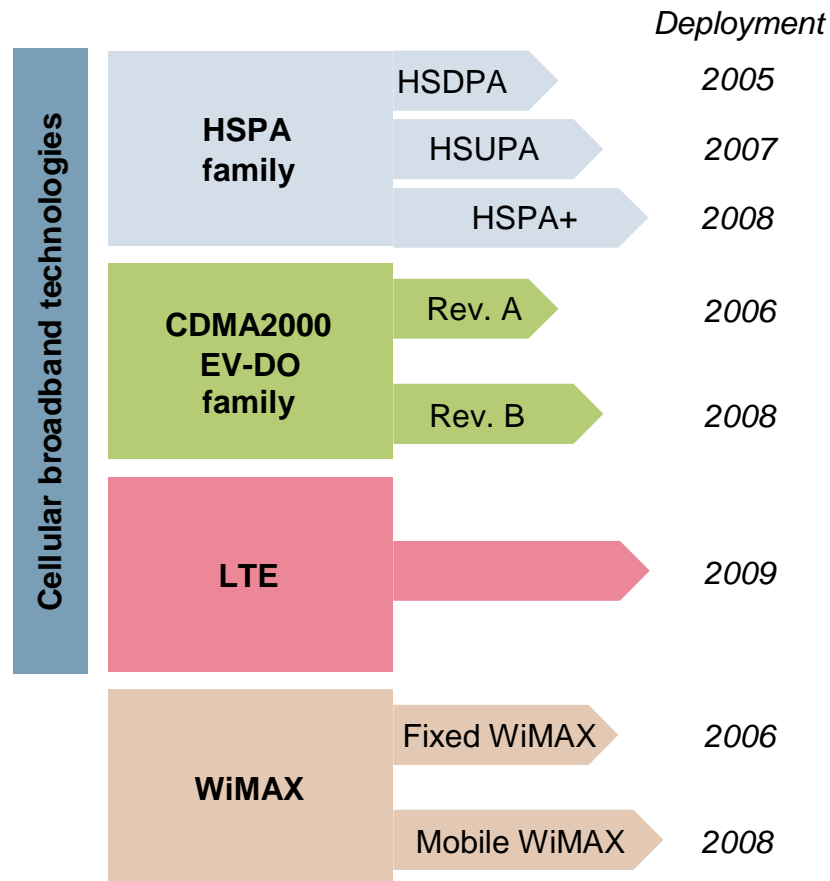


# Wireless broadband will be delivered by a variety of technologies

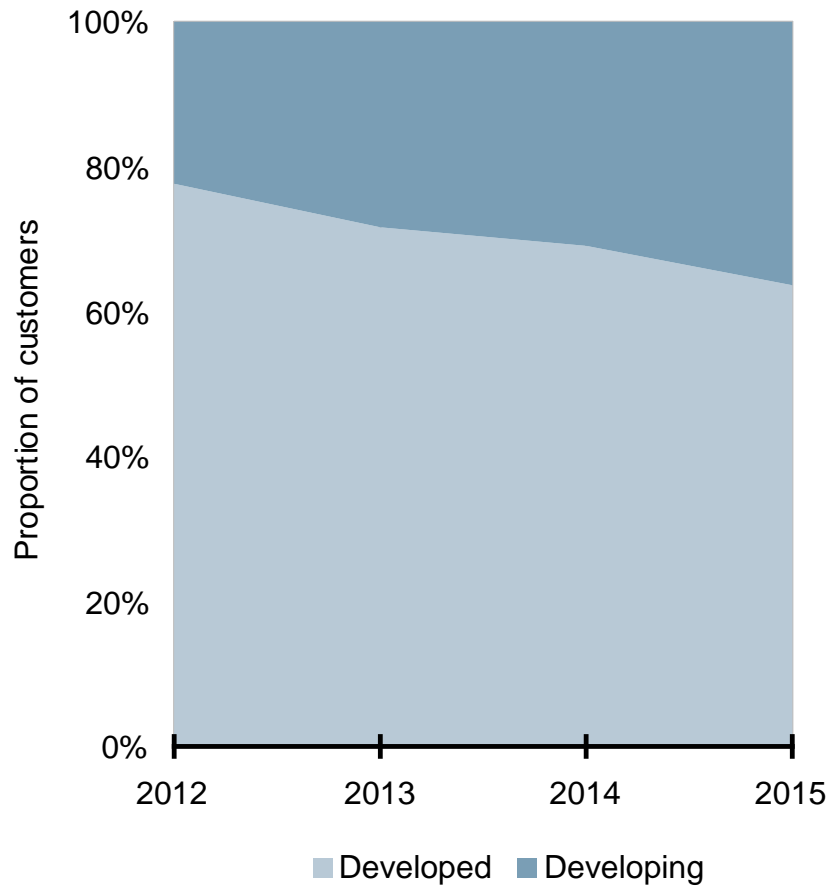
**Figure 1:** Technologies that deliver wide-area wireless broadband services [Source: Analysys Mason, 2008]



- For the purposes of this report, we define wireless broadband technologies as those that can deliver end-user data rates in excess of 1Mbit/s across a wide area.
- HSPA and HSPA+ are significant enhancements to UMTS networks. By July 2008, HSPA services had been launched commercially on 116 of the 182 UMTS networks worldwide.
- For CDMA2000 networks, EV-DO Revision A and Revision B achieve enhancements similar to HSPA and HSPA+. By July 2008, 34 EV-DO Revision A networks had been, or were being, deployed.
- LTE is a further major enhancement to UMTS networks; the first deployments are expected in late 2009 and early 2010.
- WiMAX is an emerging wireless broadband access technology, with fixed and mobile variants, and had about 1.5 million customers by July 2008.

# Low ARPU in developing regions will limit their contribution to LTE service revenue

**Figure 21:** Proportion of LTE customers in developed and developing regions, 2012–2015 [Source: Analysys Mason, 2008]



**Figure 22:** Proportion of LTE service revenue from developed and developing regions, 2012–2015 [Source: Analysys Mason, 2008]

