

**Mobile Broadband Systems Features, Statistics, Customer Expectations
and Spectrum Requirements
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Mobile data traffic is continuously increasing and existing narrow band mobile networks facing the problem to carry this traffic. Next generation mobile broadband technologies (WiMAX, LTE) provides very important advantages including more capacity, higher data rates, economical coverage and most importantly cost per bit advantage and affordability for users.

2G/3G network infrastructure already exist in all countries even in rural areas and we need to transform these 2G/3G networks to next generation mobile broadband networks (WiMAX, LTE). We also need to connect these networks with fiber based core networks. These transformation requires to develop a national broadband plan, assignment of all available spectrum bands and flexible usage of existing assigned spectrum bands for next generation mobile broadband technologies in a technology neutral manner.