

# HEAVY READING 4G/LTE insider

## 5G Development Plans Begin to Take Shape

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### Report Highlights

**The race is on to be first** with 5G – for national governments as well as technology vendors

**The European Union was** early to fund and promote 5G research projects

**5G visions prepare for** 1,000 times more mobile traffic and 100 times more connected devices by 2020

**Connecting things and** M2M are common themes in most 5G visions

**Energy efficiency may be a** key metric and designed into 5G systems

**In terms of new spectrum** for 5G, many are eyeing much higher frequencies, such as millimeterwave

**New licensing regimes and** spectrum sharing will be necessary

**The current exploratory** research phase for 5G will continue for next 12 to 18 months

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