



INFRASTRUCTURE ASSOCIATION

Global harmonization of 5G spectrum

Yves Bellégo

Orange & 5G Infrastructure Association Board member

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5G Spectrum in Europe

- **Early availability of spectrum is crucial in order to avoid the bottlenecks when deploying 5G.**
- **It is useful to have a limited but sufficient number of bands identified early in order to support industries and authorities to gain experience with 5G systems.**
- **For high rates it is important that large enough contiguous bandwidth is made available, about 100 MHz for the middle band and 500 MHz and more for the high band.**

- **The Radio Spectrum Policy Group (RSPG) has identified the following pioneer bands for Europe:**
 - **700MHz - low band ensuring wide area and indoor coverage**
 - **3.4-3.8HGz – suitable for urban areas**
 - **24.25 - 27.5 GHz*, - useful for hot spots**
- **Europe expects to be deploying trials in each of the three pioneer bands in the 2018 - 2020 time frame.**

* in study for WRC-19, a.i. 1.13



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