

SME Expertise in relation with 5G PPP Phase 3 Call Topics – November 2017

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<i>Topics of Interest</i>	ICT-17 (RIA), ICT-18 (IA), ICT-19 (RIA), ICT-22 (RIA), EUJ-02 (RIA), EUK-02 (RIA)
<i>Expertise / Added Value brought by the SME</i>	Quotient is an international strategy, technology and economics consultancy to the radio communications industry specialising in wireless communications and spectrum regulation and management. Founded in 2002 and based in Cambridge, UK, we undertake assignments around the world on behalf of governments, network operators, equipment vendors, investors and financial institutions. Our consultants understand the wireless industry: the players, the regulatory environment, the standards and technologies. We have demonstrated a strong and consistent track record in technology foresight, understanding and interpretation. We understand the business drivers and the market environment. We employ accredited project management and quality techniques. Our projects range in size from single person assignments to multi-disciplinary teams. We are independent, impartial and objective.
<i>Additional comments e.g. with respect to Phase 3 and the recommendations from the pre-structuring model or any other comments</i>	Sectors of experience: Transport, Factories, Healthcare, IoT. Spectrum - licensed, unlicensed; modelling of both. Architecture: backhaul, fronthaul, access, mesh. Frequencies: vhf, uW, mmW, light. Optical fibre and free space. New technology evaluation. Cost benefit analysis. Project management. Work example: we led the first work identifying the 5G mmW candidate bands. This was originally for Ofcom, who took it to ETSI and subsequently WRC-15, with very few changes from our original recommendations.

Note: the NetWorld2020 European Technology Platform, the SME Working Group, and the To-Euro-5G support project who is supporting both, cannot be held responsible for the information in this form, that has been collected from the SME.