

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-19 (RIA), EUJ-02 (RIA), EUK-02 (RIA)
<i>Expertise / Added Value brought by the SME</i>	Siklu is a manufacturer of carrier-class E-band (70/80 GHz) and V-band (60 GHz) radio solutions for wireless delivery of Ethernet based connections. Siklu products include both point-to-point and point-to-multi-point systems, all operating at mm-wave frequencies and providing throughputs ranging from 1Gbps to 10Gbps, with tens of thousands of links already deployed worldwide. Applications include wireless backhaul, business connectivity, fiber extension and broadband wireless access.
<i>Additional comments e.g. with respect to Phase 3 and the recommendations from the pre-structuring model or any other comments</i>	Being a system house, Siklu is an expert in all aspects of mm-wave communication link design and deployment, starting from radio coverage and interference analysis, commencing with antenna, radio chip and modem design, and including layer 2 and layer 3 networking specifics typically used in commercial networks.

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.