

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-19 (CSA), ICT-21 (CSA), ICT-22 (RIA)
<i>Expertise / Added Value brought by the SME</i>	<p>INTERNET INSTITUTE Ltd. (ININ) is an innovation-intensive SME, highly specialized in mobile systems, Future Internet, Internet of Things, and WEB solutions and services, with a particular focus on measurement of QoE and QoS, quality assurance systems and services, and on Emergency Response and Intervention Management tools and application.</p> <p>A young and propulsive team of highly qualified experts is engaged in industrial-grade research and development, as well as product and solution integration.</p>
<i>Additional comments e.g. with respect to Phase 3 and the recommendations from the pre-structuring model or any other comments</i>	<p>ININ is a member of MATILDA project in 5G PPP Phase 2, working on monitoring and QoS and QoE evidence collection capabilities in the 5G-orchestrator solution, and responsible for planning and implementation of a vertical use case for the emergency response domain of application (5G PPDR se case). Our particular interests for upcoming 5G research are: Quality assurance of mobile, fixed and cloud systems: 5G performance and quality metrics development and validation, 5G testing, benchmarking and 5G end-to-end KPIs validation; Quality monitoring and SLA assurance for 5G infrastructures and services; 4G/5G verticals: Real-time 5G critical infrastructure assurance; Monitoring, SLA assurance and KPIs validation in vertical industries, including Public safety and PPDR, Automotive and intelligent transport, Health and Smart Grids;</p> <p>Trending and in-depth analysis based on active and passive measurements and probing; Impact assessment and identification of critical paths; Use of 5G for on-site (PPDR) critical communications & intervention monitoring - piloting involving PPDR practitioners.</p>

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.