

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-22 (RIA)
<i>Expertise / Added Value brought by the SME</i>	<p>UBITECH's expertise in 5G technologies:</p> <ul style="list-style-type: none"> - Intelligent Orchestration Mechanisms over multi-site programmable infrastructure; Design, formulation and implementation of optimisation, security and runtime policies enforcement mechanisms for optimal, secure and reliable services deployment and provision, as well as network machine learning and advanced profiling mechanisms taking advantage of big data streaming frameworks. - Development Toolkits for Network-aware Applications; Design and development of novel software engineering approaches for 5G applications, along with appropriate information models adopted by web based development environments. - Multi-site resource management mechanisms; Design and development of overlay networking mechanisms along with generic interfaces for multi-site resources management.
<i>Additional comments e.g. with respect to Phase 3 and the recommendations from the pre-structuring model or any other comments</i>	Apply/Extend set of developed orchestration mechanisms and development toolkit in various experimentation activities.

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.