

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

| | |
|--|--|
| <i>SME Name</i> | Nextworks Srl |
| <i>Web Site</i> | www.nextworks.it |
| <i>Contact Email</i> | n.ciulli@nextworks.it |
| <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> | <p>Nextworks, located in Pisa (Italy), is a dynamic SME established in 2002, with long-term experience in the wireless, access and transport networks, IoT and Smart Building control & automation. Nextworks has a solid background in the design, development and integration of full networking protocol stacks, SDN architectures and controllers, Network Function Virtualization, Service Function Chaining and infrastructure orchestration frameworks.</p> <p>Nextworks' consulting activities range from pure support consulting to long-term, third-party design & developments of protocol stacks for equipment vendors. Furthermore, Nextworks develops and markets a "digital living" platform (Symphony), a service-oriented middleware integrating several subsystems into a unified platform (e.g. media archival and distribution, voice/video communications, home/building automation and management, and energy management).</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>In the European 5G research context, Nextworks is participating in 2 Phase-1 and 5 Phase-2 5G PPP projects, plus other H2020 projects focusing on SDN and NFV topics. At the National level, Nextworks is participating in one of the three 5G trial projects of the "Sperimentazione 5G" tender, with experimental spectrum for 5G pre-commercial trials. Thanks to its R&D track record in 5G PPP projects and National 5G trials, Nextworks has developed a clear profile in support of Phase 3 experimental setups and pilot sites (e.g. adapt/integrate management and orchestration platforms, integrate/validate e2e orchestration and Network Slicing; support the integration of vertical use cases and the test planning, coordination and execution). Finally, Nextworks position as IoT solutions manufacturer also extends its role beyond those of a simple technology provider, towards that of a strategic partner in verticals.</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.