5G PPP SMEs SUCCESS STORIES

WINGS ICT Solutions

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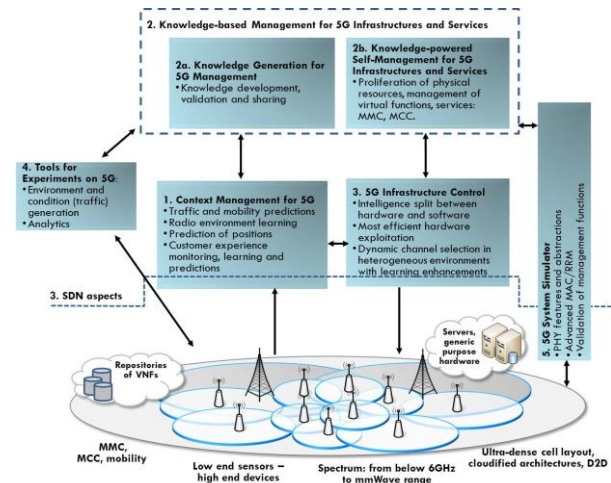
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WINGS ICT Solutions is a fast growing **SME** which focuses on conducting **R&D activities** and providing **consulting services** in all areas related to **5G related domains. WINGS'portfolio** of expertise includes (but is not limited to) the following domains; Smart Wireless Access,Cloud Continuum,Software Networks, Big Data Analytics, Security/Cybersecurity, Verticals (Assisted living, Water, Energy, Transport, Health, Food safety, Management).

WINGS' goals and challenges are in line with the challenges set in the context of **5G PPP** and include research activities and product development in the context of communication networks (i.e. network capacity, energy efficiency, security, device management), smart cities, e-health and intelligent transport.

WINGS' portfolio of expertise on **5G systems** includes:
- Context Management for 5G
- Knowledge-based Management for 5G Infrastructures and Services
- 5G Infrastructure Control
- 5G System Simulator
- Tools for Experiments on 5G

Success stories related to one or more 5G PPP Objectives
- **Knowledge as a Service for Assisted Living in Smart City.** The developed solution for Smart Home and Smart Health Care is a combination of an implementation of the Cloud-based iKaaS platform and an accompanying mobile AAL application for home automation and remote health monitoring.
- **Embedded and Cloud-based software for Smarter Water Monitoring Systems.** The developed solution comprises embedded intelligence for smart behavior, as well as embedded and cloud-based intelligence for smart application.
- **MigraineNet** (https://www.facebook.com/MigraineNetApp/). A novel mobile application that aims at increasing awareness with respect to migraines and headaches in general, provide personalized information on the causes and first aid in terms of (self-)treatment and on top of that monitor/predict when the next migraine incident will occur.

Success stories related to other 5G Objectives
- WINGS participates as **a shareholder in Incelligent** [http://www.incelligent.net]. A newly established company focused on **Machine-learning powered networks** and the proactive management of the customer experience in (4G/WiFi) wireless networks.
- WINGS collaborates with **IBM** regarding **Big Data** and associated services/applications on **Energy, Water and Finance Projects.**

*For more information on WINGS' profile please visit: https://goo.gl/BYmOh4