

SME
Newsletter

#1 – 5 June 2015

 **Announcement “SME Gathering” at EuCNC on 30 June in Paris**

A “gathering” of SMEs –and friends of SMEs ;-)- will be held on **Tuesday 30 June at 14.00 at the 5G PPP / NetWorld2020 exhibition booth (stand 3) at EuCNC2015** in Issy-les-Moulineaux near Paris. Do not hesitate to join to discuss topics of interest to you including but not limited to your feedback on the 5G PPP Call 1 survey and the various activities to be pursued by the SME Working Group.

- Reminder: please fill in the 5G PPP Call 1 Survey at <http://5g-ppp.eu/5g-infrastructure-association-survey-on-the-5g-ppp-phase-one-project-proposal-process/>, password: phase1survey.

 **FOCUS Upcoming 5G Workshop for SMEs**

The Digital Catapult in London organised a workshop for SMEs focused on exploring what it means for them Future 5G networks. A blog summarising the day will full access to presentations and outcomes is available here: <http://www.digitalcatapultcentre.org.uk/defining-future-5g-networks/>. A follow up of this blog will be a White Paper on the results that will be published also on the Digital Catapult website.

This workshop was focused on the UK but the next one DigiCat would like to open to all EU SMEs interested in the opportunities that 5G might bring to them, in the spirit of co-creation and building links across the community and across Europe. This event would be held in London potentially within the next 6 months to extend on the results and findings of this first workshop.

For further details please contact Hamid Falaki hamid.falaki@cde.catapult.org.uk and Irene Lopez de Vallejo irene.lopezdevallejo@cde.catapult.org.uk

 **FOCUS Atlantic Wireless requires your support**

Atlantic Wireless is thinking of setting up as a Virtual Mobile operator based in Ireland and the UK and operating in the Machine to Machine and Internet of Things Space. They would target a wide variety of markets such as Agriculture, Environment, Connected Healthcare, Energy, Marine etc. They would use Software Defined Networking (SDN) as a means of communicating with the end devices and gateways. There still is patchy coverage in rural areas and some urban pockets in Ireland and the UK, thus making them unsuitable for this type of application. To solve this Atlantic Wireless suggest using all the networks available - both fixed line and mobile in a given region. It would be a Virtual telecoms network that ‘piggy backs’ off all the networks so that if a signal is lost from one operator a gateway connects to another

operator's network. This would be similar to roaming but with all the networks involved.

In short:

1. The main aim is to set up a Mobile Virtual Network Operator (MVNO) specialising in Machine to Machine (M2M) and The Internet of Things (IoT) communications.
2. The MVNO would have at least one fall-over option. I.e. If one mobile network became unavailable it would fall-over to another mobile/ fixed line network or a WI-Fi network locally. This aims to address the issue of poor reception in rural areas and pockets of poor reception in cities.
3. The MVNO would use software defined networking (SDN) to connect devices and gateways.

Atlantic Wireless would like to get some technical help to know if this feasible, and how much that would cost. They would need the assistance of a telecoms network design engineer. They could carry out as feasibility study to see if it is possible and then progress from there.

If you are interested in working with Atlantic Wireless on this issue and get more details please contact directly Patrick Gallagher patrick.gallagher@atlanticwireless.net.



WHAT'S NEXT?

- > Interact with 5G PPP Call 1 projects which have expressed interest in the SME Working Group activities (June).
- > Gather at EuCNC2015 on 30 June 2015 at 14.00 at the 5G PPP / NetWorld2020 booth.
- > Enjoy the summer time!



NetWorld2020 SME Working Group

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