



GSMA,
The Walbrook Building,
25 Walbrook,
London,
EC4N 8AF

To: Luca Lo Schiavo
Deputy Director, Infrastructure Division, Regulation Department
Italian Regulatory Authority for Electricity, Gas and Water
AEEGSI

December 16 2015

Dear Mr. Schiavo,

I am writing on behalf of the GSMA which is a trade organisation that represents the interests of nearly eight hundred mobile operators worldwide as well as more than two hundred and fifty companies in the broader mobile ecosystem such as handset and device makers and internet companies. The GSMA also produces industry-leading events such as Mobile World Congress in Barcelona, Mobile World Congress Shanghai and the Mobile 360 Series conferences.

We write to provide additional insight on Low Power Wide Area technology standards to support Telecom Italia's response to the Italian Authority for Energy (AEEGSI) and their public consultation for the use of Smart Meters.

The GSMA recently established the 'Mobile IoT Initiative' to address the use of Low Power Wide Area (LPWA) solutions in licensed spectrum. This new group is backed by twenty six of the world's leading mobile operators, OEMs, chipset, module and infrastructure companies and is working to accelerate the commercial availability of mobile IoT technology.¹

The initiative is aligned in its support for common standards for three technologies that will address all LPWA use cases. These are Narrow Band IoT (NB-IoT), Extended Coverage GSM (EC-GSM) and LTE Machine Type Communication (LTE-MTC) which will be standardised by 3GPP in the first half of 2016 with commercial solutions expected in 2017. These technologies will support a range of features such as long battery life, low power consumption, low data rates, security, easy installation and platform integration as well as good indoor and outdoor coverage for a diverse range of IoT applications.

The GSMA would also like to make its industry experts available to you to provide further background or insight on any of the above points at your convenience.

I look forward to your response,
Yours Sincerely,

A handwritten signature in black ink, appearing to read 'G. Trickey'.

Graham Trickey
Head of Connected Living Programme, GSMA

¹ <http://www.gsma.com/newsroom/press-release/gsma-launches-low-power-wide-area-network-initiative-accelerate-growth-internet-of-things/>