



Press release  
Paris, 16 June 2017

## Orange continues the deployment of its LoRa® network to achieve national coverage in France

During the Viva Technology show, Orange announces:

- the continued deployment of the very low-power Orange network dedicated to the Internet of Things based on LoRa® technology, with the objective of national coverage of metropolitan France by the end of the year
- the first test of the LoRa Alliance™ standardized roaming that will supplement Orange's deployment capabilities of a LoRaWAN™ end to end solution internationally
- more than 100 enterprise customers have chosen LoRaWAN™ connectivity with the Datavenue offer from Orange Business Services

The Orange network based on LoRa® technology now covers close to 4,000 towns and industrial sites with quality connectivity inside buildings and below ground. Orange deploys its network where it counts for its enterprise customers and will continue the deployment, adapting to their needs, with the aim of reaching national coverage by the end of 2017.

Orange is also preparing to test the interconnection of its LoRa® network with that of another European operator by December in the framework of the LoRa Alliance™ and work on the roaming standards on LoRaWAN™ networks. The roaming standard will supplement Orange Business Services' international end to end solution for a focused coverage in towns, harbours or industrial sites , that has been announced at the Mobile World Congress in February 2017.

More than 100 customers of Orange Business Services have already chosen the LoRaWAN™ connectivity solution in various business sectors, intelligent communities, smart homes, health, industry and agriculture, for uses as varied as smart buildings, connected parking garages, patient home monitoring, the supply chain and geolocation.

To support businesses in their IoT projects from end to end in France and abroad, Orange Business Services offers them a selection of objects (connected objects, modems, gateways, starter kits, modules) which have been tested and certified by the operator. One of them is the LoRa® Explorer Kit, a full development kit to prototype LoRaWAN™ connected objects and test projects and services on the Orange LoRa® network in France. The IoT Device Catalogue is regularly being enriched and will include 75 objects by the end of June.

## Round-table discussion on the Internet of Things and open innovation at Viva Technology on June 16<sup>th</sup>

Patrice Slupowski, Vice President of Orange Digital Innovation, Johan Pauvert, CEO of Microchip, and Luc Jarry, Information Officer of NeXXtep Technologies, will take the floor on this subject during a round-table discussion to take place at the Orange booth at Viva Technology, Paris Porte de Versailles, June 16<sup>th</sup> from 12:00 to 12:45 pm.

### Learn more:

About the [LoRa® Explorer kit](#)

About [Orange Business Services' IoT and data analytics solutions](#)

### About Orange

Orange is one of the world's leading telecommunications operators with sales of 40.9 billion euros in 2016 and 154,000 employees worldwide at 31 March 2017, including 95,000 employees in France. Present in 29 countries, the Group has a total customer base of 265 million customers worldwide at 31 March 2017, including 203 million mobile customers and 19 million fixed broadband customers. Under the Orange Business Services brand, Orange is also one of the world leaders in providing telecommunication services to multinational companies. In March 2015, the Group presented its new strategic plan "Essentials2020" which places customer experience at the heart of its strategy with the aim of allowing them to benefit fully from the digital universe and the power of its new generation networks.

Orange is listed on Euronext Paris (symbol ORA) and on the New York Stock Exchange (symbol ORAN).

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