

Experts from the water company, telecommunications companies and meter manufacturers to analyse the present and future of this technology

Canal de Isabel II studies future scenarios for the remote reading of meters at a technical conference

- The company organises this forum in collaboration with the Spanish Association for Water Supply and Waste Water Treatment
- The possibilities of the Narrow Band Internet of Things (NB-IoT) technology will be the main theme at this meeting

25OCT18 – This Friday, Canal de Isabel II organises, in collaboration with the Spanish Association for Water Supply and Waste Water Treatment (AEAS), the technical conference “Future scenarios for the remote reading of water meters. The technology of NB-IoT communication”, which will take place at the Canal Foundation and for which tickets are sold out.

At the Conference, Canal de Isabel II and telecommunications operators, communication modules and meter manufacturers will talk about their past experiences and the possibilities for the future of this technology and its applications with respect to improving commercial services and the information given to customers about water consumption. The most recent objective is the diffusion of experiences in the area of smart meter reading, using the Narrow Band – Internet of Things (NB-IoT) communication technology.

The forum will start with an introduction from the president of AEAS and the commercial director of Canal, to then move on to a debate in which Canal de Isabel II, Global Omnium, Vodafone, Telefónica, Orange and Contazara will share their experiences in the field of remote meter reading.

This will be followed by two round tables: on the barriers that the technology has had to overcome in order to move forwards, and on intercommunication and standardised protocols, one of the major difficulties of remote reading until recently. Companies such as Arson, Elster-Honeywell and Noxium will also be present at these round tables.

In the afternoon, the future of remote reading will be analysed from three viewpoints: the integration of telecommunications in metering equipment, business horizons and data management in this field, with the presence of experts from Contazara, Conthidra-Cohisa, Kamstrup, Sensus, Elster-Honeywell, Itron, Vodafone, Telefónica, Global

Omnium and Canal de Isabel II. Lastly, there will be an assessment of young professionals from the sector.

REMOTE READING: MORE AND BETTER INFORMATION FOR THE CUSTOMER

Canal de Isabel II is currently developing a pilot project to standardise a system for the remote reading of water meters using the communications technology, NarrowBand Internet of Things (NB-IoT). This is the first experience of this scope to be developed in Spain, and to involve the leading communications operators and meter manufacturers.

This initiative forms part of the Canal de Isabel II Strategic Plan 2018-2030 and will allow the public company to offer its customers full and detailed information about their consumption, detect possible incidents or water leaks in interior installations and increase efficiency in the management and operation of its distribution network.

For more than a decade, the public company has been studying the use of advanced remote reading technologies which improve their commercial operations and the services provided to their customers in the Community of Madrid. In fact, it is currently running a remote reading pilot project as part of the 2018-2030 Strategic Plan. In particular, the introduction of smart meters is the flagship programme of the line to strengthen commitment to and proximity with the user.

Canal de Isabel II was founded more than 165 years ago to supply water to the city of Madrid. It employs more than 2500 people working daily to provide a service to more than 6 million people in the region. It is an innovative company, a leader in its sector, and internationally recognised for its management of the integrated water cycle. It operates 13 reservoirs; 78 underground springs; 14 drinking water treatment plants; 17,556 kilometres of conveyance and distribution channels; 131 pumping stations for drinking water and 133 for waste water; 14,956 kilometres of sewage networks; 65 storm tanks; 877 kilometres of sewers and outfalls; and 157 kilometres of reclaimed water channels.