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smart_{met} 

Project abstract

[FAST spa]

Contactor Details	Type/ size of legal entity	Place of performance of contract activities	Logo
<p><u>Main contractor</u></p> <p>Name legal entity</p> <p>Address legal entity</p> <p>Name contact person</p> <p>Phone nr contact person</p> <p>E-mail address contact person</p>	<p>SME</p> <p>FAST S.p.A.</p> <p>Via Molino Poncino, 4 42019 Scandiano - Italy</p> <p>Pierpaolo Cavalli</p> <p>+39 3357172404</p> <p>p.cavalli@fastonline.it</p>	<p>% of contract value allocated to main contractor:</p> <p>[100] %</p> <p>% of activities for the contract performed by the main contractor in EU Member States or countries associated with Horizon 2020: [100] %</p>	<p>Main contractor logo</p> 

Project abstract (+/- 1000 characters maximum)

The SWMC (Smart Water Meter Control) project includes a series of innovative products and features of smart metering that do not exist in current systems on the market.

This project combines a new approach to automatic reading AMR with the control of the efficiency of the distribution water network.

The SWMC R & D project is focused on the concept of designing and creating a new generation of NAN (Neighbor Area Network) wireless networks based on Bluetooth capable of reading the water meter consumptions and other values connected to the water network control.

This local network then communicates through IoT / WAN (Wide Area Network) networks with centralized systems for storing, billing, managing the efficiency and leakages of the water network.

For these purposes, the SWMC project includes a family of wireless RTU (Remote Terminal Unit) modules and the software management. The WAN IoT communications will be based on LoRaWAN and NB-IoT.

For the final customers is also important to be more aware of their water consumption and optimize them through using of standard and commonly used devices such as smart phones. The SWMC Bluetooth modules will be read also locally using dedicated APPs for standard mobile phones.

Previous EU funding

Is the project based on / a continuation of R&D activities that were previously funded by the EU?: NO