

Simple, Intelligent & Sensitive M2M (SIS-M2M) system for water and e- power saving

Proposal Idea for the H2020 EE-07-2016-2017 Topic



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If you have energy problem, you actually have a water problem:

- Energy and water resources are fundamentally intertwined.
- High demand of them for industrial, agriculture and domestic use can have adverse impacts on ecosystem.

To manage both water and energy overconsumption we propose a simple, “sensitive” & intelligent M2M system, **SIS-M2M**.

SIS-M2M system

- A simple intelligent and sensitive M2M system to efficiently manage water and energy wasting in industry (manufacturing), agriculture (irrigation), domestic (home appliances) sectors by recording the water and energy consumption and controlling the consumption within the user's preferences.
- “*Sensitivity*” means understanding volume, security, speed, autonomy, priority etc. between two communicating machines.
- The whole networked system works under common protocols as Bluetooth, Wi-Fi, GSM & GPS, I2C, serial communication, A/D conversion etc.

Consortium Partners

We are seeking for:

- Pilot Leader/provider for industrial, agriculture, domestic use cases
- Infrastructure provider
- Exploitation partner
- Local End Users

Participants Skills:

- M2M developers, researchers

Contact for more information



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