

# Seeking test partners for intelligent wireless sensor solutions

- **SCHEDA**
- **APPROFONDIMENTI**

Identificativo proposta: TOUK20200616001

**RICHIEDI MAGGIORI INFORMAZIONI**

A UK company has developed remote monitoring products that are currently targeting the railway industry. With the same technology underlying those products, they are now seeking test partners from the water resources management industry for a commercial agreement with technical assistance. Utilising that expertise they are further developing tailored and adapted solutions for leak detection, sewage monitoring, groundwater and reservoir monitoring.

A UK company based in South East England has developed and manufactured bespoke remote monitoring products. These are intelligent wireless sensor solutions that help rail industry to measure and monitor relevant changes regarding their operations. With their product portfolio; structural movements, structural deflections, rail temperature, railway weather, bridge crack propagation, water level, soil embankment movement can be measured and monitored remotely. Each solution addresses a different challenge the railway operators are facing and helps them to reduce delays due to infrastructure failures and also reduces the cost of maintenance. All products operate on low power use, often with batteries that helps to reduce size, simplifying and speeding up installations. These products can be adapted/adjusted for use to monitor water infrastructures and measure river levels and flow gauging, groundwater monitoring, lake and reservoir monitoring, leak detection in distribution pipelines, sewer water monitoring. The UK company is aiming to cooperate with a partner from the water resources industry and want to adjust their existing railway products for the prospective partners' use. The UK company already has several prototypes that may be good for their use but is equally interested if a potential partner presents different problems that need to be addressed. The UK company has the capacity to change designs and create alternative end products for the problems described by the potential partner. The company is seeking partners that offers a test environment for these new products and offering commercial agreement with technical assistance. These products are extremely useful especially during the COVID-19 outbreak as they give opportunity and means to utility operators and relevant companies to measure and monitor the resources and infrastructures remotely and removing the burden from operations.

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