
BuntPlanet to participate in *Water Quality As-A-Service, Treatment-2-Tap* project, which will roll out Europe's largest integrated network of Water Quality and Leakage Management sensors and analytics software in the network of Northumbrian Water, with funding from the £200 million Ofwat Innovation Fund,

BuntPlanet, an innovative high-tech company based in Donostia-San Sebastián, Spain, together with Siemens is amongst the winning partners in a consortium which has been awarded £714,880 in funding from the Innovation Fund of the Water Services Regulation Authority for England and Wales, Ofwat. The Ofwat funding, part of its £200 million Innovation Fund's Water Innovation Challenge 2, will be used for the ***Water Quality As-A-Service, Treatment-2-Tap*** project, which will demonstrate a step change in the management of water quality for customers.

This new **behavioural science research** will assess how best to engage and support customers when real-time water quality insight is available – meaning water company operations will be more intimately connected to customers than ever. The consortium includes the Department of Civil & Structural Engineering at the University of Sheffield, Siemens UK, Intelisys Ltd, Syrinix Water and Advizzo alongside BuntPlanet – as well as **five UK water companies**: Dwr Cymru Welsh Water, South East Water, Scottish Water, Anglian Water and Northumbrian Water, which leads the project.

The five water utilities involved will all input to define and validate best practice on how new insights can be built into proactive operations. **A new business model template** will then enable all water companies to see how they can share risk and scope with the supply chain to deliver at scale and pace for least cost and best service to the customer.

By the end of the project, Northumbrian Water will be operating **Europe's largest integrated network of water quality and leakage management sensors and analytics software**. BuntPlanet will deploy **BuntBrain LeakFinder**, its innovative 'big data' **Artificial Intelligence** solutions for Water Losses throughout the network. **BuntBrain LeakFinder** combines 'big data' and AI with a knowledge of the hydraulic model of the water network to detect leaks within the network and to locate the leaks to within a small radius. The software's **self-learning algorithms** can detect and pre-locate leaks with very high levels of accuracy, resulting in significant economic benefits to the water companies.

Water Quality As-A-Service, Treatment-2-Tap secured its award in the second round of the **Ofwat Water Breakthrough Challenge**, part of a series of competitions from Ofwat's Innovation Fund, which is designed to drive innovation and collaboration in the water sector to benefit individuals, society and the environment. The innovation fund, which is delivered in partnership with Nesta Challenges and supported by Arup and Isle Utilities, is designed to grow the water sector's capacity to innovate and help deliver Ofwat's strategy.

The ***Water Quality As-A-Service, Treatment-2-Tap*** project was a winner of the Catalyst Stream of the Water Breakthrough Challenge, funding, for innovative initiatives which deliver

benefits for customers, society and the environment. Ofwat awarded £5.2 million in total in the second round of the Catalyst Stream, to 13 innovative, water company-led projects using new technology and cross-sector collaborations to improve water quality, reduce pollution, and enhance services for customers.

BuntPlanet CEO, Ainhua Lete, commented that:

“We are delighted to be part of the winning consortium Water Quality As-A-Service, Treatment-2-Tap, together with Siemens, and to participate in the Ofwat Breakthrough Challenge. We are very excited to be permitted this opportunity to contribute to the innovation landscape in the UK, where our BuntBrain software is already being used by Northumbrian Water.

Ofwat’s vision – to deliver benefits for customers, society and the environment through innovation – is an excellent fit with our own mission at BuntPlanet, to deploy artificial intelligence solutions to help water utility companies improve their resiliency and efficiency”.

About BuntPlanet

Based in Donostia-San Sebastián, Spain, [BuntPlanet](#) has developed BuntBrain, a unique combination of technologies to help water utility companies become more efficient and resilient. With BuntBrain, water companies can detect and pre-locate early leaks before they grow and end up in a burst. BuntBrain can simulate different scenarios, detect water quality problems, determine which meters need to be checked or replaced from an economic point of view and which pipes need to be replaced. The system also notifies users if they have an internal leak or if their consumption is abnormal compared to similar users.

Please visit www.buntplanet.com for more information.

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