

Bristol, UK, 16 May 2023

SUEZ and Anglian Water announce performance pilot with AQUADVANCED® Energy in Ely, Cambridgeshire

SUEZ and Anglian Water proudly announce the start of a performance pilot project to be conducted in three phases in Ely in the United Kingdom's Cambridge region. The focal point of this initiative is AQUADVANCED® Energy, a ground-breaking digital water platform developed by SUEZ, which will play a crucial role in enhancing the operational efficiency of the water network and achieving substantial energy savings.

With energy prices soaring since 2021, water companies are looking at better alternatives to reduce costs while improving the customer experience through the provision of more predictable and stable supply and, at the same time, significantly seeing a decrease in greenhouse gases emissions. SUEZ is committed to enabling its customers to provide access to water and waste services, with resilient and innovative solutions.

The Energy module is a component of AQUADVANCED®, the world's leading software suite for water management. It leverages real-time data and advanced analytics while employing cutting-edge data science techniques such as AI and machine learning. By doing so, it can predict situations, solve complex multi-criteria constraints, evaluate various scenarios and propose the optimal one to operators.

AQUADVANCED® Energy optimises the operation of the water production and distribution system reducing energy costs by up to 15%, while minimizing the carbon impact of water systems. This platform helps water providers manage their water resources effectively, so they can meet the demands of their customers without depleting or damaging the environment in the long run. For this purpose, the platform collects real time data, forecasts demand up to 48 hours, and determines the best production strategies considering all operational constraints and avoiding peak electric charges.

Additionally, it makes sure that water is always moving through the system, which prevents stagnation and improves water quality. It also uses simulations to anticipate and respond to unexpected events, such as unplanned outages, which enhances the reliability of the production system.

Matthew Hughes, Optimisation Solutions Development Manager at Anglian Water, said, *"Having been at the frontier of driving network optimisation and energy efficiency throughout our systems, working with SUEZ on this pilot creates a real and exciting opportunity to understand how to take this even further. At Anglian Water we plan to be carbon neutral by 2030 and for 45% of the energy we use to be from our own sources by 2025. AQUADVANCED® offers a solution to reduce the operational carbon in our networks and best to make use of the energy we produce through renewables."*

"Over the past decade, numerous AQUADVANCED® Energy's customers worldwide have already benefited from this tried-and-tested solution and were able to reach remarkable improvements in water management, energy efficiency and greenhouse gas emission savings. The unique capabilities of this solution are a significant advancement for Anglian Water's vision for a reliable and real-time optimisation system," stated **Patricia Villoslada, Senior Vice President for SUEZ Digital Solutions**.

Contacts:

Charlotte Thursz

charlotte.thursz@suez.com

About SUEZ:

Faced with growing environmental challenges, for more than 160 years, SUEZ has been acting to deliver essential services that protect and improve the quality of life. SUEZ enables its customers to provide access to water and waste services, with resilient and innovative solutions. With its 40 000 employees present in 40 countries, the Group also enables its customers to create value over the entire lifecycle of their assets and services, and to drive their ecological transition, together with their end-users. In 2021, SUEZ produced drinking water for 66 million people worldwide and sanitation services for more than 33 million people. The Group generates 3.6 TWh of energy from waste and wastewater per year and avoided the emission of 3.8 million tons of CO₂. In 2021, SUEZ generated revenues of 7.5 billion euros. For more information: www.suez.com/ Twitter @suez

About Anglian Water:

Anglian Water supply water and water recycling services to more than six million domestic and business customers in the east of England and Hartlepool. Its services are at the heart of every single family and community in our region. It is the largest water and water recycling company in England and Wales by geographic area. Anglian Water also operates in one of the driest regions in the country, with just 600 millimetres of rain each year, on average a third less than the rest of England.

Find out more about the SUEZ Group
on the [website](#) and on social media



SUEZ, Société anonyme, a company incorporated under the laws of France, with a share capital of €38,278,722.73 registered under number: 901 644 989 RCS Nanterre Trade and Companies Registry
Head Office: 16, place de l'Iris (Tour CB21) – 92040 Paris La Defense, France – Tel: +33 (0)1 58 81 20 00 – suez.com – VAT number: FR60901644989