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SUEZ PURSUES ITS DEVELOPMENT IN SINGAPORE

➤ DEPLOYMENT OF ICE PIGGING TECHNOLOGY TO CLEAN DRINKING WATER PIPES

SUEZ has been awarded a three-year contract by PUB¹, Singapore's national water agency, to clean its water supply pipelines. As the first operational project in Asia using the Ice Pigging patented technology, it will strengthen the Group's positioning in Singapore and throughout South-East Asia.

With an optional one-year extension, the contract was inked following the success of the Ice Pigging pilot project in 2016 in the country. SUEZ's Ice Pigging is water-efficient as it uses significantly 50% less water than traditional cleaning techniques. It has already been used to great success in countries including the UK, the Netherlands and Australia. It won the 2016 World Food Innovation Award in the "Best Manufacturing/Processing Technology" category.

Tap water contains minerals which settle down over time in the pipelines. Ice Pigging cleans the internal surface of the pipes with an injection of ice slurry to remove these mineral sediments but also biofilm and other deposits accumulated over time. It is a non-intrusive, fast, effective and economical technology. It also consumes just a few liters of ice in industrial situations that normally require hundreds of liters of water.

Committed to sustainable resources management, SUEZ's proprietary Ice Pigging technology is applicable to municipalities as well as a vast range of industries – including oil and gas, food and beverage, and cosmetics – where companies wish to limit the environmental impact of cleaning pipes by avoiding the use of chemicals or large quantities of water.

This new contract marks a new step in the development of SUEZ in Singapore, where its Business Unit Water Technologies & Solutions has been supporting the PUB and industries in the Pharmaceutical, Oil and IT sectors in water resources management through the deployment of high-performance technologies. The Group also partners with the PUB on Smart Water projects, desalination and energy-efficient wastewater treatment technologies. Singapore has been chosen as the Group's business hub in Southeast Asia, drawing on an Innovation Center and a Water Technology Center, composed of around 50 research scientists and engineers who support, through innovation, projects development in the region. This contract and SUEZ's strategic position in Singapore represent a springboard for new business opportunities throughout Asia, in both the municipal and industrial sectors.

¹ Public Utility Board

SUEZ

With 90,000 people on the five continents, SUEZ is a world leader in smart and sustainable resource management. We provide water and waste management solutions that enable cities and industries optimize their resource management and strengthen their environmental and economic performances, in line with regulatory standards. To meet increasing demands to overcome resource quality and scarcity challenges, SUEZ is fully engaged in the resource revolution. With the full potential of digital technologies and innovative solutions, the Group recovers 17 million tons of waste a year, produces 3.9 million tons of secondary raw materials and 7 TWh of local renewable energy. It also secures water resources, delivering wastewater treatment services to 58 million people and reusing 882 million m³ of wastewater. SUEZ generated total revenues of 15.3 billion euros in 2016.

SUEZ in Asia

SUEZ has been present for over 60 years in South East Asia and 40 years in Greater China in water and waste management. With over 9,000 employees and over 60 water and waste projects with local partners, SUEZ is helping authorities and industries develop innovative solutions to address climate change and sustainable resource management. The Group built over 420 water and wastewater treatment plants in Asia, supplying drinking water to 20 million people. It operates China's first PPP water contract in Macau and Mainland China's first water concession in Chongqing. It is also the leader of waste management in Hong Kong and delivers its expertise in the management of environmental services to 11 industrial parks in Mainland China. In 2016, SUEZ managed revenues of over €1.2 billion generated by its activities in Asia.

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