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SUEZ NWS Wins Four New Contracts in China to Support Green Development along the Yangtze Economic Belt

SUEZ NWS has recently won four new water contracts with a total value of more than RMB 2 billion. The contracts include river rehabilitation in Wuhan, treatment of industrial wastewater in the Taixing Economic Development Zone in Jiangsu, equipment supply and technical services contracts for sludge treatment in Pudong, Shanghai and Changsha, Hunan.

- **In Wuhan, SUEZ NWS and its partners¹ will rehabilitate the Huangxiao and Jichang Rivers.** SUEZ NWS will provide technical consultation services on pollution control and will equip the two wastewater treatment plants, located near the river banks, with membranes technologies to restore optimal water quality to the Huangxiao and Jichang rivers. SUEZ NWS will also deploy AQUADVANCED® Urban Drainage, a digital solution to monitor in real time the water quality based on data from sensors installed in the rivers and short-term weather forecasts. By centralizing and analyzing all this data, the software can model and anticipate the risks of flooding and pollution of the rivers. The commissioning of the project is planned for 2021. Together with the local partner, SUEZ NWS will be responsible for the operation and maintenance of the facilities for 15 years.
- **In Taixing, SUEZ NWS will create a joint-venture with partners² that will be in charge, over the next 20 years, for financing, building, operating and maintaining an industrial wastewater treatment plant (WWTP), with a daily treatment capacity of 50,000 m³, as well as sewer networks at the Taixing Economic Development Zone.** The sludge generated by the WWTP will be transferred to the park's hazardous waste treatment plant (HWTP) to be recovered. The HWTP, operated by a SUEZ NWS JV, will be commissioned in second half of 2019 with an annual treatment capacity of 30,000 tons. The HWTP will comply with the most stringent EU emission standards and produce high-pressure steam as a form of clean energy to supply companies in the park, thus helping to reduce coal consumption by 15,000 tons per year.
- **In Shanghai, SUEZ NWS will apply SUEZ's Thermylis® 2S solution into Pudong's sludge treatment plant.** This process maximizes the reduction, stabilization and harmless treatment of wet sludge with an emission performance that exceeds EU standards. The fly ash at the end of the process can be used as construction material instead of being landfilled. The project has a designed daily treatment capacity of 800 tons of wet sludge and will be built over 20 months, with completion scheduled for early 2021.
- **In Changsha, SUEZ NWS supports the local circular economy through waste-to-energy technology. At the Hunan sludge treatment plant, SUEZ NWS will deploy the Innodry® 1T drying technology solution for resource recovery and safe sludge disposal.** After drying, sludge will be transferred to a domestic waste incineration plant, where it will be mixed with domestic waste streams to generate electricity for local residents. The power generated from the waste and sludge will be 250 million kwh a year. The plant, designed to treat 500 tons of wet sludge per day, will be completed in early 2022.

¹ China Construction Third Construction Engineering Co., Ltd. and Central and Southern China Municipal Engineering Design and Research Institute Co., Ltd, etc.

² Taixing Economic Development Zone, First Harbor Engineering Co., Ltd of China Communications Construction Corporation and Ecological Environmental Investment Co., Ltd of China Communications Construction Corporation, etc.

Steve Clark, CEO of SUEZ Asia, said, “China has made a significant commitment to the ecological integrity of the Yangtze Economic Belt, as it shifts focus to high-quality development. This will undoubtedly open up new opportunities for SUEZ. In particular, the agenda of aligning various environmental clean-up efforts will unlock more opportunities around the circular economy. These include water ecosystem restoration, wastewater treatment and reuse, and waste recycling and recovery. I am confident that our proven track record in China, together with our global portfolio of successfully deployed technologies and innovative solutions, will enable SUEZ NWS to act effectively in support of local governments. This is the way to address the new challenges of environmental governance in the Yangtze River Basin.”

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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 17.3 billion euros in 2018.

NWS Holdings Limited

NWS Holdings Limited ("NWS Holdings", Hong Kong stock code: 659) is the infrastructure and service flagship of New World Development Company Limited (Hong Kong stock code: 17). It has diverse businesses and investments predominantly in Hong Kong and Mainland China, comprising toll roads, environmental management, port and logistics facilities, rail container terminals, commercial aircraft leasing, facilities management, healthcare services, construction and public transport. Please visit www.nws.com.hk for details.

SUEZ NWS Limited

SUEZ NWS Limited ("SUEZ NWS") is a joint venture between SUEZ and NWS Holdings Limited that encompasses our essential business segments – Water Management, Recycling and Waste Recovery and Water Treatment Infrastructure in the Greater China region. With 8,000 employees and over 70 joint ventures with local partners, SUEZ NWS is developing smart and sustainable management of the water cycle, smart water solutions and recycling and waste recovery to help cities and industries optimize water management, recycling and waste recovery. It has built over 260 water and wastewater treatment plants in Greater China, supplying drinking water to 20 million people. It is a leading operator of waste management in Hong Kong and delivers its expertise in the management of environmental services to 13 industrial parks in Mainland China.

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