



## press release

China, 19/05/2017

### **SUEZ NWS Deployed Dehydris™ Twist Solution for Efficient Sludge Treatment at SCIP**

**To increase the efficiency of sludge treatment at Shanghai Chemical Industry Park (SCIP) for better environmental performance, SUEZ NWS will make available Dehydris™ Twist, SUEZ's solution to efficient sludge dewatering, for industrial water production by SCIP Sino French, the integrated water production and wastewater treatment services provider within SCIP.**

Sludge is a major by-product of the treatment process and a potential risk of pollution. To maximize the cost-effectiveness and social benefits of sludge treatment, SUEZ NWS will provide dewatering service at SCIP for sludge from industrial water production plant. SUEZ NWS is responsible for engineering, procurement of main equipment and supervision of installation for two sludge thickening and dewatering lines with associated electrical control and automation, treating 6,000 m<sup>3</sup> of sludge water per day totally and yielding 50.7 tons of dewatered sludge with 45% solid content. Compared with conventional sludge dewatering technology, the new system implementing the HPS piston-press of Bucher-Unipektin, reduces the bulk volume of sludge cake by as high as 35%. Equipment installation for the project is expected to be complete by May 2018, followed by commissioning.

The Dehydris™ Twist solution is among the most innovative and efficient sludge dewatering systems in the world. It is a powerful, fully automated dewatering solution that combines pressure and twist actions. The sludge line consists of such main units as sludge homogenisation tank, static thickening, Dehydris™ Twist sludge dewatering and dewatered sludge transportation.

The efficient treatment process enables the reuse of treated sludge, and effectively improves the company's environmental performance to the satisfaction of environmental laws and regulations. The Group has been successfully applied the technology in more than 10 countries i.e. Italy, France, Canada etc., for both drinking water and waste water treatment plants. In 2016, SUEZ achieved the first order of Dehydris™ Twist technology in Asia, to provide sludge waste water dewatering treatment services for Hong Kong Drainage Services Department.



## **SUEZ**

We are at the dawn of the resource revolution. In a world facing high demographic growth, runaway urbanisation and the shortage of natural resources, securing, optimising and renewing resources is essential to our future. SUEZ (Paris: SEV, Brussels: SEVB) supplies drinking water to 92 million people, delivers wastewater treatment services to 65 million, collects waste produced by almost 50 million, recovers 16 million tons of waste each year and produces 7 TWh of local and renewable energy. With 82,536 employees, SUEZ, which is present on all five continents, is a key player in the sustainable management of resources. SUEZ generated total revenues of €15.3 billion in 2016.

## **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](http://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 four essential business segments – Water Management, Recycling and Waste Recovery, Water Treatment Infrastructure and Consultancy in the Greater China region. With 8,000 employees and over 60 joint ventures with local partners, SUEZ NWS is helping authorities and industries develop innovative solutions to address climate change and sustainable resource management. It has built over 240 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 11 industrial parks in Mainland China.

## **PRESS CONTACTS**

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