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## **SUEZ NWS leverages new industrial water treatment solutions to promote a greener petrochemical industry in China**

**The International Downstream Water Congress, jointly organized by SUEZ and China National Petroleum Corporation Group (CNPC), was held from 14 to 15 March in Chengdu, China. It gathered over 200 experts and professionals from more than 40 countries, like France, the US, the UK, Italy, Russia, China, Korea, Singapore, Thailand, UAE and India, as well as representatives from partners Solvay, China Huadian, SECCO and more. Participants shared the latest technologies and best practices of wastewater treatment and water reuse for the petrochemical and refinery industry. Officials from the Ministry of Environmental Protection of the PRC and Chengdu municipal government as well as representatives of CNPC and SUEZ were also in attendance.**

Declining and volatile crude prices have put the oil and gas sector under financial stress and challenged its future sustainability. Meanwhile, the Chinese government is placing increasingly more emphasis on environmental protection, with the Ministry of Environmental Protection introducing the most stringent regulations on pollutant emissions in the history of China's refinery and chemical industries. To respond to these challenges, SUEZ NWS, a joint venture of the SUEZ, has developed the most cost-efficient solutions with CNPC. These solutions have been successfully applied by over 10 projects in Dalian, Guangxi, Sichuan, Yunnan and North China. After a decade of collaborative efforts, the wastewater treatment technologies have advanced, enabling safe and reliable discharge which significantly outperforms China's standards for EIA and discharge. Some solutions are effective in reducing the levels of major pollutants below 50% of the national requirements, making the projects eligible for a 50% reduction in sewage tax under the new environmental law. Not only do the solutions alleviate the environmental impact, but also enable companies to stay competitive and ensure its sustainability, setting an example of green development for the petrochemical sector and industry as a whole.

CNPC indicated, "The global trends that have affected the downstream of the oil & gas sector have created an urge for effective resources management solutions. We are truly delighted to have partnered with SUEZ who brings to China its best-in-class know-how and managerial expert through its subsidiary SUEZ NWS, and combines them with CNPC's concept of management at source to achieve a world-class level of wastewater treatment. It has the advantages of reducing its environmental impact as well as maximizing the social, environmental and economic benefits. Building on our success, we are hoping to strengthen the cooperation with SUEZ on chemicals, membranes, R&D, upstream business as well as in overseas projects."

Christophe Cros, Chairman of SUEZ Water Technologies and Solutions, said, "I take great pride in having successfully applied SUEZ's industrial wastewater treatment solutions of the highest caliber and quality, and also the most cost-effective in China's petrochemical industry which have delivered strong results. I hope SUEZ will be able to work more closely with the participants of the congress to strengthen our environmental offerings to Asia Pacific."

Steve Clark, CEO of SUEZ Asia, commented, "The strong partnership of CNPC and SUEZ has advanced the green agenda of China's petrochemical industry. It is also my hope that with the same vision we share in environmental protection, our partnership will expand to other activities such as waste and soil remediation, and to again build it into another benchmark in both China and even the international environmental sector."

# 新闻稿 press release



Through its subsidiary SUEZ NWS, SUEZ became a major partner of CNPC and CNOOC in 1975. The “embedded WWTP” in Dalian was an exemplary refinery-serving WWTP with compelling social and environmental benefits. It turns waste into resources and changes from a wastewater producer to an environmentally-friendly resources integrator. Among the many benefits are minimized secondary pollution and preservation of ecology and biodiversity in the Bohai Sea, for which the project was named the most innovative project in response to climate change by Comité France-Chine.



The International Downstream Water Congress, jointly organized by SUEZ and China National Petroleum Corporation Group (CNPC)

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## **About 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 m<sup>3</sup> of wastewater. SUEZ generated total revenues of 15.9 billion euros in 2017.*

## **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*

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## press release



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 70 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 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 11 industrial parks in Mainland China.*

### **CNPC**

*China National Petroleum Corporation is a state-owned enterprise of critical importance, one of China’s major oil & gas producers and suppliers and an integrated international energy company with a portfolio spanning across oil & gas exploration and development, refinery and chemicals, distribution and trade, pipeline storage and transportation, engineering technology, equipment manufacturing and financial services. It ranked No. 3 in 2016 among the top 50 oil companies and is also in the third place on the Fortune 500 list.*

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