

Paris, September 27, 2017

## SUEZ SUPPORTS THE CITY OF BANGALORE (INDIA) IN FACING THE CHALLENGE OF WASTEWATER TREATMENT

**The Water Supply and Sewerage Board of Bangalore<sup>1</sup>, has selected SUEZ to support the city in the improvement of wastewater infrastructures for 2 million inhabitants of Vrishabhavathi Valley's district. The Group will be in charge of the building of a new wastewater treatment plant of 150,000 m<sup>3</sup>/day, the rehabilitation of an existing plant of 150,000 m<sup>3</sup>/day and the building of a sewage sludge recycling and recovery plant coming from these two plants. The building contract will be followed by a 10-year period of operation for a total revenue of 82 million euro.**

Bangalore, known as the Indian Silicon Valley, has experienced a growth of 45% of its urban population in a span of five years, crossing the 12 million population mark in 2016. This rapid urban rise combined with the development of business activities has led to an explosion of the demand for drinking water supply and sewage disposal. To meet these challenges, BWSSB relies on SUEZ's expertise and technologies.

During the first three years, the Group will design and build a new wastewater treatment plant with a capacity of 150,000 m<sup>3</sup>/day. Equipped with [activated sludge process](#) (bacterial treatment), the plant will treat effluents to achieve an optimum discharge quality into the Vrishabhavathi River in accordance with the most recent standards of the Indian authorities, requiring in particular a total nitrogen content of less than 10 mg/L. The Group will also rehabilitate the existing plant with a capacity of 150,000 m<sup>3</sup>/day. The common sludge treatment plant for the two treatment plants will be equipped with SUEZ's Degrémont® technologies ([Sedipac™](#) and [Digelis™](#)) that will recover into electricity the biogas produced in order to make the plant self-sufficient.

SUEZ has been supporting the city of Bangalore for several years in its water resources management. The Group has built and operates drinking water plants with a total capacity of 1,5 million m<sup>3</sup>/day and wastewater treatment plants with a capacity of 175,000 m<sup>3</sup>/day. Since 2013, SUEZ has also improved the drinking water distribution to 500,000 inhabitants by using helium gas<sup>2</sup> to reduce significantly water leakages on the network.

“The long partnership between SUEZ and BWSSB is based on a common commitment to offer quality drinking water and wastewater services to Bangalore's inhabitants. It illustrates the Group's ability to provide reliable and locally-tailored solutions to the growing challenge of access to drinking water and sanitation in large municipalities such as Bangalore but also Mumbai, New Delhi and Kolkata.” says Marie-Ange Debon, SUEZ Group Deputy Chief Executive Officer in charge of the International Division.

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<sup>1</sup> BWSSB

<sup>2</sup> SUEZ's Helium Leak Detection (HLD) technology, developed and patent by SUEZ, detects invisible leaks and is well adapted for cities of developing countries where intermittent supply, low pressure and noisy environment makes detection with traditional technique difficult and inefficient.

## **SUEZ in India**

*The Group has been present in India for more than 30 years. It has designed and built more than 250 water and wastewater treatment plants and currently operates 23 of them. SUEZ also plays the role of a water services provider for major municipalities such as Mumbai, Bangalore, New Delhi and Kolkata. Its activities contribute towards the distribution of 5 billion litres of drinking water to over 44 million people every day. The wastewater treatment services of the plants built and managed by the company serve some 5.5 million inhabitants. Our water services expertise has benefitted 15 million people across major metros in India. SUEZ employs over 900 professionals in the country.*

## **About SUEZ**

*We are in the era of the resource revolution. In a world facing high demographic growth, runaway urbanisation and the scarcity of natural resources, securing, optimising and renewing resources is essential for our future. SUEZ (Paris: SEV, Brussels: SEVB) delivers wastewater treatment services to 58 million people and reuses 882 million m<sup>3</sup> of wastewater. SUEZ also recovers 16.9 million tons of waste a year, produces 3.9 million tons of secondary raw materials and 7 TWh of local renewable energy. Finally, SUEZ avoids 9.5 MtCO<sub>2</sub>e GHG emissions for its customers. With 83,921 employees, SUEZ is present on five continents and is a key player in the circular economy for the sustainable management of resources. SUEZ generated total revenues of 15.3 billion euros in 2016.*

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