



Emefcy Group (ASX: EMC) and RWL Water to Deploy MABR Wastewater Treatment Systems in Tianjin, China

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Melbourne, Australia and Caesarea, Israel: Emefcy Group Limited (ASX: EMC), a global leader in energy-efficient wastewater treatment solutions and RWL Water (<http://www.rwlwater.com>), one of the fastest growing water solutions companies in the world, today announced their first jointly developed project in China. To be deployed in Tianjin, China's fourth-largest city, the project was developed in partnership with one of Emefcy's China distributors, Interflow Control Technologies, and involves a multiphase agreement to utilize Emefcy's MABR wastewater treatment technology at one of five treatment plants in the city. The five plants are owned and operated by Tianjin Caring Company and have a total installed capacity of 1.5 million cubic meters per day.

The first phase of the project is based on a proprietary "packaged plant design solution" developed jointly by Emefcy and RWL Water, with an installed capacity of 20,000 litres per day and scheduled for installation in Q3, 2017. This paid Phase I MABR "packaged plant" combines Emefcy's proprietary technology and RWL Water's engineering and packaging solutions. The second phase will be to upgrade one of Tianjin's existing Class 1B centralized waste water aeration basins to the new standard of Class 1A, using Emefcy's proprietary *submerged* MABR technology. This installation will mark the first use of a *submerged* derivative of Emefcy's MABR solution for centralized waste water aeration basin. This deployment demonstrates how MABR can be applied to centralized treatment, a new vertical that expands the market opportunity beyond off-grid communities.

Tianjin Caring Company is located in Tianjin and has the primary responsibility for implementing new wastewater treatment technologies and process design for the Tianjin Capital Environmental Protection ("TCEP") Group of companies. Tianjin Caring is a member of the National Urban Water Supply and Sewage Engineering Technology Research Center, under the Ministry of Housing and Urban Development. This Research Center has primary responsibility for implementing new and innovative water and wastewater treatment technologies to meet the increasingly stringent environmental discharge and reuse standards being introduced in China.

The Emefcy demonstration plant is expected to be installed and begin operation in Q3 2017 with final Tianjin municipal certification expected in Q4 2017.

Tianjin Caring intends to upgrade all of its existing wastewater treatment plants from Class 1B to Class 1A within the next 3 to 4 years. Tianjin views the MABR technology developed by



Emefcy and engineered into a turn-key packaged solution by RWL Water as an enabler to meet regulatory requirements for class 1A at the lowest life-cycle cost.

The total addressable market in Tianjin alone is quite large. For example, retrofitting all of the existing municipal wastewater treatment plants would have an estimated contract value in excess of A\$100 million. Yet, Tianjin's treatment capacity is less than one half of one percent of the addressable market for the "submerged" MABR solution in all of China.

Richard Irving, Chairman of Emefcy, commented: "We can now demonstrate that Emefcy's MABR value proposition extends beyond rural distributed wastewater systems to large centralized wastewater treatment sites too. This is a potentially enormous market opportunity in China and beyond. We are excited to be working with Tianjin Caring Company to demonstrate the efficacy of Emefcy's next generation, submersible MABR technology in a completely new market vertical. Our alliance with RWL Water brings the ability to offer a unique solution that combines Emefcy's differentiated technology with the proven engineered solution capabilities and the pedigree of the RWL Water team."

Henry Charrabé, CEO of RWL Water stated: "We are excited to leverage our global leadership position in designing packaged water and wastewater treatment solutions in order to assist Emefcy in executing on their strong pipeline of opportunities in China."

About Emefcy Group Limited

Emefcy develops, manufactures and markets new, energy-efficient MABR based wastewater treatment solutions, aiming to change the economics of various markets and addressing the growing global demand for clean water in municipal and industrial plants.

With several global innovation awards and a strong scientific background, Emefcy is at the forefront of the next generation of MABR based wastewater treatment. Additional MABR based wastewater solutions out of Emefcy's extensive R&D operations are expected to be announced in the coming year.

Emefcy Group Limited (ASX: EMC) is a public company traded on the Australian Stock Exchange.

Visit our website: www.emefcy.com

About RWL Water

Founded by Ronald S. Lauder in 2010, NY-based RWL Water was established with a vision to become the leading global water, wastewater and reuse solutions provider in the middle market. With operations in Latin America, the United States, Europe and the Middle East and over 90



years of combined operational experience, RWL Water provides leading edge, global solutions for desalination, water, wastewater, waste-to-energy, recovery & reuse as well as food & beverage processing. Recognized as one of the fastest growing water solutions companies in the world, RWL Water has designed and built more than 7,000 successful installations and possesses strong customer references in more than 70 countries worldwide.

For more information about RWL Water, please visit our website: www.rwlwater.com.

About Tian Caring Company

Tianjin Caring Company is a wholly owned subsidiary of Tianjin Capital Environmental Protection Group Co. listed in Shanghai and HK stock markets (A-share code 600874; H-share code 1065) with a market cap of 10 B RMB. Tianjin Capital Environmental Protection Group owns various subsidiary companies who build and operate multiple water and wastewater concessions across China in Shandong, Anhui, Yunnan, Guizhou, Hebei and Shaanxi Provinces.

Any forward-looking statements in this announcement are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management.

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