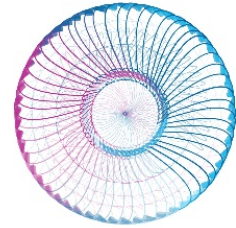


## Water Corporation and ZWEEC signs MOU to Collaborate on Bio-monitoring for Water Security in Western Australia



ZWEEC

*ZWEEC Analytics Pte Ltd (ZWEEC), today signed a Memorandum of Understanding (MOU) with Western Australia's Water Corporation at the Singapore International Water Week (SIWW) to carry out research in water quality monitoring through the analysis of fish behaviour.*

The joint research will evaluate the suitability of ZWEEC's intelligent and automated bio-monitoring system, AquaTEC, to Water Corporation's monitoring conditions in Western Australia. The system observes and analyses the swimming activities of fish placed in tanks containing running water from dams or reservoirs. Any inactivity of the fish acts as an early alert for irregularities in water quality. The initial feasibility studies will enable Water Corporation to assess if the system is suitable for its field operations.

This collaboration is the result of an MOU signed between Water Corporation and PUB at SIWW Spotlight in July 2017. Under the MoU, Water Corporation and PUB agree to promote a two-way collaborations between enterprises from the two countries, by guiding and supporting their own enterprises in expanding their businesses into the other country. Also known as the Fish Activity Monitoring System (FAMS), AquaTEC has been operationalised at PUB, Singapore's national water agency's treated water infrastructure.

Water Corporation Chief Executive Officer Mrs Sue Murphy said the supply of safe drinking water is its highest priority.

"Throughout our vast State we carry out more than 66,000 water samples each year - at water sources, treatment locations and at points along the water supply network," Mrs Murphy said.

"We take a preventative approach to protect drinking water quality and our new MOU and research with ZWEEC will enable us to assess the effectiveness of the AquaTEC system in a Western Australian context.

"We take a multiple-barrier approach across all our water supply schemes and this research will ensure we stay at the forefront of world's best practice in managing safe drinking water."

Ms Cecilia Chow, Deputy CEO and co-founder of ZWEEC said, “We are excited to embark on the start of a long and fruitful relationship with Water Corporation. We see this collaboration as a platform to test our bio-monitoring solutions in a country outside of Singapore. We also see an opportunity for us to develop something new in relation to the early identification of potential contaminants”.



Seated: Ms Cecilia Chow, Deputy CEO, ZWEEC Analytics; Mrs Sue Murphy, CEO Water Corporation  
(Standing left to right): Mr Stephen Capewell, General Manager, Water Corporation; Hon. David Joseph Kelly, Minister for Water; Fisheries; Forestry; Innovation and ICT; Science; Mr Foo Say Tun, President, ZWEEC, Mr Liaw Kok Eng, CEO, ZWEEC; Mr Ng Eng Ho, Chairman, ZWEEC

### About Water Corporation

The Water Corporation is the principal supplier of water, wastewater and drainage services throughout the state of Western Australia. It manages AUD\$36 billion of assets and delivers services across 2.6 million square kilometres. The Corporation directly employs over 2,700 people and is owned by the Western Australian Government.

### About ZWEEC

ZWEEC is a leading technology-based company from Singapore focused on creating innovative solutions. Its intelligent bio-monitoring system – AquaTEC – serves as a crucial first-line assessment of drinking water to provide timely interventions for safeguarding water security. AquaTEC has been operationalized in PUB’s treated water infrastructure as early warning systems for the detection of irregularities in drinking water.