



Enzen Australia and NNCo to accelerate the digital transformation of Western Australia's infrastructure in smart water meter pilot

The partnership with Water Corporation will provide a smart and efficient connectivity solution that supports the long-term preservation of water in the region

Adelaide, 18 September 2023. Enzen, the global knowledge enterprise specialising in energy and water, is deploying a new smart meter connectivity solution for Water Corporation that will address the growing issue of water scarcity in Western Australia.

In collaboration with its investee company NNCo, Enzen will provide the region's water utility with affordable, high quality network connectivity for more than 5,000 smart meters. It's part of the largest pilot of its kind in Western Australia, which will see Water Corporation install more than 16,000 digital smart water meters at homes and businesses across Perth.

Smart meters transmit wireless data and provide an hourly overview of water consumption, making it easy to notify customers of high or unusual water use patterns, helping identify leaks sooner and reducing billing amounts.

Using LoRaWAN® Internet of Things (IoT) technology, Enzen and NNCo's solution will provide greater coverage, more reliability in data acquisition and greater power efficiency by maximising smart meter battery life across the network. LoRaWAN® is a low power, wide area networking solution that connect devices to the internet over several kilometres, making it ideal for remote or hard-to-reach locations. The extended coverage allows organisations like Water Corporation to gather data from a greater distance, improving operational efficiency and effectiveness.

Such technology is a vital step in preserving water across Western Australia, where average rainfall has fallen by 20 per cent since the 1970s, leading to an 80 per cent reduction in dam inflows.

Dileep Viswanath, CEO of Enzen Australia, said: "Water scarcity is one of the most critical challenges facing communities in Western Australia. Our work will help create a best practice solution that will enable the utility and its consumers to manage this life essential in the most sustainable way. Through our unique portfolio of solutions, Enzen and NNCo have established themselves as trusted partners for digital transformation across many utilities in Australia. We look forward to supporting them further and enabling other networks on their smart infrastructure journeys."



Rob Zagarella, CEO of NNNCo, said: “Water Corporation is leading how water authorities will manage digital metering in the future. Through NNNCo's telecommunications carrier license and commercial agreement with Western Power, we have access to the utility's infrastructure across their service territory in Western Australia. This means our LoRaWAN® network can be built close to Water Corporation's smart meters, without needing to access its assets, further reducing cost.”

Following on from Enzen and NNNCo's IoT Living Lab collaboration with electricity network Horizon Power, this latest partnership demonstrates how Enzen and NNNCo are playing an increasingly influential role in the digital transformation of Western Australia's critical national infrastructure.

Around 250 customers in West Perth will be the first to receive a smart meter under the new metropolitan pilot, which begins this month. A wider rollout will occur from October, with participating suburbs to be announced later in the year.

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About Enzen

Enzen is a global, professional, knowledge enterprise that focuses on gaining, refining and sharing expertise in the energy and water sector. It provides strategic advisory and execution of outcome-driven solutions to businesses, governments, non-governmental organisations, and not-for-profits.

The company is unique in providing a wide range of strategic advisory, engineering services and solutions from end-to-end for the power, water, gas and renewable energy sectors, supported by our specialised and unique Centres of Excellence. Founded in 2006, Enzen now has a presence in Australia, Africa, India, Portugal, Spain, Turkey, the UK and the US. Visit enzen.com.

About NNNCo

NNNCo is a leading Australian IoT Enterprise provider and LoRaWAN® network operator. The 100% Telco company provides the network layer and technology-agnostic data platform that makes IoT accessible across any industry to enable enterprise-grade solutions for business and government. NNNCo's Enterprise IoT service is deployed using LoRaWAN technology, the globally-adopted open standard for secure, carrier-grade IoT connectivity. For more information, visit www.nnnco.com.au