



TWTG - PRESS RELEASE

Shell announces the roll-out of 2,500 TWTG Sensors

A joint speech reveals the NEON Vibration Sensor roll-out at Shell Energy and Chemicals Park Rotterdam in the Netherlands.

Rotterdam, 30th May 2022. TWTG, the I-IoT hardware company based in Rotterdam, has delivered the first 2,500 NEON Vibration Sensors to Shell Energy and Chemicals Park Rotterdam. TWTG, the Dutch I-IoT experts, are proud to have achieved this milestone, especially in the highly competitive landscape of LoRaWAN-based devices.

Together with Sophie Winter, Shell's Digital Change Lead, Nadine Herrwerth, Managing Director at TWTG, outlined a case study to the audience at StocExpo. Having tested various sensors, and piloted various other systems, Shell decided to purchase TWTG sensors, after considering features such as design and measuring accuracy.

"We are delighted by the trust put into TWTG for the delivery of our NEON solution, which will be accompanied by our SolidRed IoT platform to carry out complex data analytics to depict the full spectrum analysis," said Herrwerth following the joint presentation.

The project demonstrates the benefits of condition-based asset monitoring to industrial sites. By detecting bearing-faults on pumps or other rotating equipment early, customers are able to react upon detailed information before any issues arise. This enables a reduction in downtime and can contribute to the elimination of potentially hazardous situations.

Leo van Driel, senior rotating equipment engineer, at Shell Energy and Chemical Park Rotterdam, is excited about having NEON Vibration Sensors on site: "We will equip a new project right from the start with a significant amount of wireless vibration sensors. And right from the moment of startup and commissioning we expect to gain a lot of information about the vibration behaviour of our pumps, which will significantly help us in understanding any deviations from that ideal behaviour in the future. Much more than we can today with the only - once in a month - momentary inspections we are used to."

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NEON Vibration Sensors will change how operators and engineers manage their rotating equipment, and Shell is eager to reap the benefits of this new TWTG device.

The TWTG NEON product range supports all industrial customers moving toward LoRaWAN as the Industrial IoT network of the future. More information on the NEON Vibration Sensor can be found [here](#).

About TWTG

TWTG is I-IoT. For us, the Industrial Internet of Things is much more than just technology. It is the methodological innovation of monitoring, tracking, and activating critical assets within a business. It is the vision of utilising information based on big data analytics to gain strategic value and streamline operations. TWTG is an ISO 9001- and 27001-certified company with industrial grade solutions and a roster of international clients in industry, logistics, and energy. The scalability of solutions is at the forefront of all thinking; from product, hardware, and software design, to connectivity and implementation, also including retrofitting of existing infrastructure and business models.

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