

Investing through Corporate Venture Capital and Concluding a Letter of Intent for Business Collaboration Co-creation with an Austrian Startup Developer of Smart Sensors for Wind Turbines

Nabtesco Corporation (headquarters: Chiyoda-ku, Tokyo; President and CEO: Kazumasa Kimura) hereby announces its investment in eologix sensor technology gmbh (hereinafter, “eologix”) through Nabtesco Technology Ventures L.P. (General Partner: Hiroshi Nerima), or the corporate venture capital (CVC) arm of Nabtesco, and conclusion of a letter of intent for business collaboration with eologix.

As climate change is becoming more serious, wind power generation is increasingly expected to provide a solution to global warming. Against this backdrop, the size of the global onshore and offshore wind power generation market is predicted to more than double from 800 GW in 2021 to 1900 GW by 2030. For such expansion, however, it is necessary to boost the environmental resistance of onshore wind turbines to facilitate installation in cold areas and to increase the safety provided by the control systems of offshore wind turbines, which are becoming larger.

eologix is a provider of smart sensors that help increase the power generation efficiency of wind turbines. The sensors monitor the operational status of wind turbines in an advanced manner, including detecting icing on wind turbine rotor blades. The sensors are highly rated for their reliability and technological advantages and have already been adopted for 700 or more wind turbines in Europe. For the wind turbines, Nabtesco provides a Condition Monitoring system with Fail-Safe (CMFS) equipment and CMFS-based diagnostic service. Specifically, the equipment monitors the status of wind turbine yaw slewing units and contributes to prevent failures.

Through the aforementioned investment and business collaboration, Nabtesco will combine its CMFS technology with eologix’s outstanding status monitoring technology to develop an advanced status monitoring system as well as a system to improve power generation efficiency. Moreover, Nabtesco will speed up the development of new products and enhance human resource development in the wind turbine-related business to further promote sales globally, including in the European and U.S. markets. Through this effort, Nabtesco will provide wind turbine manufacturers and wind power generators with innovative new products and services that will help them reduce their maintenance costs and increase proceeds from the sales of generated electricity.

Going forward, Nabtesco will further gear up to promote innovation for its motion control technology and will use that technology to contribute to the achievement of the Sustainable Development Goals (SDGs), including the goal for climate change.

【Profile of eologix】

Company name	eologix sensor technology gmbh
Title and name of representative	CEO: Dr. Thomas Schlegl
Location	Kratkystraße 2 8020 Graz, Austria
Establishment	2014
Business details	Development, manufacture and sales of energy-self-sufficient autonomous smart sensors that provide various functions including blade icing detection and blade pitch angle monitoring
Website	https://www.eologix.com