# SICK AG is one of Baden-Württemberg’s leading environmental technology innovators

Emission measuring solution for desulfurization of ship emissions wins award

Waldkirch, 18 July 2019 – Maritime competence from southern Germany: Sensor producer SICK entered its solution for the reliable monitoring of ships’ emissions for the Baden-Württemberg Environmental Technology Award competition. The company came third in the category ‘Measurement, Control & Regulatory Technology, Industry 4.0’. SICK received the award from Franz Untersteller, Baden-Württemberg’s Minister for the Environment, Climate and Energy, at the prize-giving ceremony on Tuesday.

Baden-Württemberg’s Environment Ministry has been presenting the Environmental Technology Award for innovative products and processes in environmental technology biannually since 2009. Prizes are awarded in four categories for solutions that make a significant contribution towards resource efficiency and environmental protection. Companies with headquarters or branches in Baden-Württemberg are entitled to enter the competition.

**Award-winning technology from SICK for clean air over the world’s oceans**

Sensor producer SICK has been honored with a podium position for its MARSIC300 device for reliably monitoring ship’s emissions. The analyzer monitors gas scrubbers that remove harmful sulfur oxides from the exhaust fumes of ships’ diesel engines. Emissions caused by shipping harms people and the environment worldwide: More than 10% of CO2 emissions are the result of international shipping, and there is additional pollution in coastal regions from sulfur and nitrogen oxides, as well as fine particles. The International Maritime Organization (IMO) has therefore introduced more stringent regulations – which come into effect on 1 January 2020 – with considerably lower limits for ships’ emissions worldwide.

“SICK early on developed this technology for maritime emissions measurement, and the MARSIC300 is a world leading product designed to help international shipping companies desulfurize their fleets’ emissions. New challenges will appear on the path to the complete de-carbonization of ship propulsion systems – offering major opportunities for companies that have the foresight to create the necessary measuring solutions,” explained Frank Hehl, Senior Vice President Process Automation at SICK.

The development and production of the MARSIC300 emission measuring solution took place in collaboration with experts in maritime applications at SICK’s sites in southern Baden, Überlingen (on Lake Constance), and Hamburg. "MARSIC300 plays a major role in reliably measuring ship emissions and continuously monitoring pollutant emissions," added Christian Lohner, responsible product manager of the MARSIC300. The production area has been doubled at the Lake Constance site and a new production line has been constructed in Hamburg to meet the high demand.

SICK won Baden-Württemberg’s Environmental Prize in the ‘Industrial Company’ category in 2014 for its continuous commitment to environmental protection. SICK was also one of the first companies to sign up to Baden-Württemberg’s Sustainable Business Initiative (WIN) Charter.

Picture: SICK\_ Environmental Technology Award Baden-Württemberg\_2019.JPEG

Caption: Prize-winning emission measuring technology for clean air over the world’s oceans: Frank Hehl, Senior Vice President Process Automation at SICK (right), and Christian Lohner, MARSIC300 Product Manager (center), accepting the award from Environment Minister Franz Untersteller.

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SICK is one of the world’s leading producers of sensors and sensor solutions for industrial applications. The company, founded by Dr. Erwin Sick in 1946 and based in Waldkirch-im-Breisgau near Freiburg, is a technology and market leader. It has a worldwide presence with more than 50 subsidiaries and associated companies, as well as numerous sales offices. SICK achieved Group sales of almost EUR 1.6 bn. during the 2018 fiscal year with nearly 10,000 employees.

More information on SICK is available at http://www.sick.com.