# Press Release

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Hygiene concepts for the fishing and food industry

**MicroClean AS wins Norwegian Innovation Award together with partner weisstechnik**

**MicroClean has won NCE Seafood Innovation's "Gründerjule-presangen" aquaculture competition with its commitment to technologies that effectively kill vegetative bacteria, especially listeria. The MicroClean proto-type was industrially tested for eight months at Nordlaks Produkter AS to validate the functionality of the invention.**

The Gründerjulepresangen is a competition for aquaculture companies and offers, in addition to a cash prize, entrepreneurial support for young companies. The prize money is primarily used to launch and successfully market the novel product for the aquaculture industry.

**New roads for the fisheries and food industry**

“In the fishing and food industries, listeria and other disease-causing bacteria such as e-coli and salmonella primarily occur in biofilm on production-related production lines, conveyors, plastic containers, cutting blades or storage bins. This is difficult to control, so many cleaning cycles and often strong chemicals must be used to keep the development under control”, according to Dan Roger Olsen of MicroClean.

**Chemical-free cleaning concept**

The company's technology is based on the use of wet heat generated by the weisstechnik microwaves and their electromagnetic radiation. According to the company and SINTEF confirmation, this new method effectively kills bacteria by more than 99.99% on all plastic production aids. What's more - even insulation foams that may be affected are disinfected.

The use of chemicals can thus be dispensed with.

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**Photo material:**

Photo 1: shutterstock\_1525582016



*MicroClean AS setzt mit seinem chemikalienfreien Hygienekonzept einenneuen Technologiestandard für die Fischerei- und Lebensmittelindustrie.*

Photo 2: Weiss Technik Companies, own image

Ein Bild, das drinnen, Wand, Gebäude, Decke enthält.

Automatisch generierte Beschreibung

*The patented process is suitable for the safe disinfection of all microwave-transparent plastics such as PP, PE or PFTE.*

**The Weiss Technik Companies**

The Weiss Technik Companies offer under the slogan - Test it. Heat it. Cool it. - solutions that are used around the world in research and development as well as in the production and quality assurance of numerous products. A strong distribution and service organisation with 22 companies in 15 countries at 40 locations ensures optimum customer support and guarantees a high degree of operational safety. The brand **weiss**technik® includes individual solutions for environmental simulation, heat technology, clean rooms, climatic engineering, air dehumidification as well as containment solutions.

An experienced team of engineers and designers develops, plans and produces high-quality and reliable heating technology systems for virtually any field of application. The wide product portfolio includes heating/drying ovens, clean room drying ovens, hot-air sterilisers, microwave systems and industrial ovens. The portfolio reaches from technologically sophisticated standard versions to customised solutions for individual production operations. The Weiss Technik Companies are part of the Schunk Group based in Heuchelheim near Gießen, Germany.

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