



WINNER

European Geothermal
Innovation Award 2017



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enOware GmbH awarded with the European Geothermal Innovation Award 2017

During the opening event of the exhibiton GeoTHERM on 15th + 16th February, 2017 in Offenburg, enOware GmbH awarded the European Geothermal Innovation Award. enOware not only convinced the jury with its miniaturized and wireless sensor for professional in-situ measurement technology within the area of near-surface geothermal energy.

The numerous visitors were able to get an idea of the product at the enOware booth and were impressed. The spherical sensor with a diameter of 20 mm is particularly innovative and was rewarded with the European Geothermal Innovation Award.

"The high-precision measurement technology using a miniaturized and wireless pressure and temperature sensor is what makes our product so innovative - both for plant planning and optimization," explained Simeon Meier, Managing Director (CTO). "The positive feedback for our measurement sensor in the area of near-surface geothermal energy confirms us in our product solutions."

enOware GmbH, headquartered in Karlsruhe, develops mobile sensor systems for the fluid environment focused on geothermal energy, environmental and energy monitoring. Based on a research project in cooperation with the Karlsruhe University of Applied Sciences. The highlight of the product family and the winner of the European Geothermal Innovation Awards is the GEOSniff Measurement Pig, a miniaturized and wireless sensor for near-surface geothermal probes with various measurement applications such as initial measurements, monitoring and TRT. The floating sensor provides a high-precision temperature-depth profile, measurement data about the absolute depth as well as the permeability of a geothermal probe. The GEOSniff product family includes the AUTO TRT KIT for a fully automatic Thermal Response Test, the AUTO BYPASS for long-term monitoring, and the GEOSniff ^{LOC} for the location measurement of geothermal probes as well as the monitoring portal YouFootprint.

Among the applicants for the European Geothermal Innovation Award, five finalists were nominated who had the chance to win this year's title. These include HakaGerodur AG, based in Switzerland, for the pressure-resistance borehole heat exchanger (BHE) for difficult geological conditions up to 300 m. Huisman Well Technology BV (Netherlands) for the application of the Enhanced Casing Installation (ECI) system, in a geothermal well. Jansen AG (Switzerland), for the JANSEN shark technology, which reduces the flow resistance in the pipe and results in less pumping power. SWM Services GmbH (Germany), for the project to provide 100% renewable energy for the district heating of Munich, including a major contribution by geothermal energy.

The European Geothermal Innovation Award is awarded by the European Geothermal Energy Council (EGEC) and the Offenburg trade fair and distinguish companies that have permanently shaped the geothermal energy field with their product, research or initiatives. This year's jury consisted of Adele Manzella and Ruggero Bertani from Italy, Javier Urchueguia from Spain, Pierre Ungemach from France and Sandra Kircher from Germany.

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