

Clean2Antarctica – Adventure for change!

Clean2Antarctica has been a unique mission through extreme circumstances: a 2300 kilometers journey with the 'zero waste and zero emission' Solar Voyager. A journey through an icy desert in a temperature of -30°C. Edwin ter Velde, his wife Liesbeth and their machine have been tested on the driest, coldest, and highest continent on the planet.

Two people are heading for the South Pole in a vehicle made of plastic waste and are only driven by the sun. With the Clean2Antarctica project, Liesbeth and Edwin ter Velde want to draw attention to the increasing plastic waste. Their goal: let's turn our plastic problem into an adventure on the cleanest continent on earth. Inspiring people to rediscover our world and start their own adventure.

A unique mission: traveling to the geographical South Pole through extreme circumstances. A 2300 kilometer journey with the Solar Voyager: zero waste and zero emission.

The focus is on the development of the "Solar Voyage" vehicle, which no one has ever built before. A sum of specialist knowledge, the result of experiments and tests have turned what looked like a plastic puzzle into a high-tech vehicle.

Our Center of Competence Delta OHM is one of the partners at this unique event and supplied important sensors for the Solar Voyage.

Our specialists from Italy provided a 2D ultrasound weather station complete with wireless communication to enable the measurement of important meteorological conditions. The choice went for our compact HD52.3DP147 anemometer. This is a 2-axes ultrasonic anemometer that combines all the desired measurements in a single, easy-to-install, energy-saving and lightweight device. The weather station measures humidity, temperature, solar, air pressure, wind speed and direction, which was important for the South Pole adventure.

End of November the journey has started with the aim of reaching South Pole. Due to some difficult tests imposed by Mother Nature the final destination has not been reached but Edwin and Liesbeth could reach a highest goal. To raise consciousness and inspire people and organizations to further develop and implement sustainable alternatives for our present way of living. Each one of us can start his own small adventure to create a better world turning waste into completely new and sustainable projects and products.

About Delta OHM

Since 1978 we dedicate ourselves with a top-quality product portfolio and with the appropriate scientific expertise to drive the development of sustainable meteorological components onward every day. Delta OHM develops and manufactures a complete range of meteorological devices for measuring wind speed, wind direction, precipitations, atmospheric pressure, humidity, radiation, light and temperature.

In addition to that, our portfolio also includes a complete range of Wireless Data Logger Systems, as well as professional measuring and control equipment / transmitters, sensors, loggers and portable instruments for Acoustics and Vibration, Microclimate, Air Quality-CO-CO₂, Water Analysis, Relative Humidity, Air Speed, Photo-Radiometry, Temperature and Pressure measurements.

About GHM Messtechnik GmbH

GHM Messtechnik GmbH is a pioneering specialist and complete provider for innovative measuring and regulation technology. With more than 330 employees in 15 locations worldwide, the company develops and produces a wide assortment of more than 2 000 high-quality device types for all significant areas of industrial sensors and electronics.

From the fusion of the Greisinger, Honsberg, Martens, Imtron, Delta OHM and Val.co companies, the GHM GROUP still considers itself a tradition-oriented company. With an eye on the vision of the founders, the company continues in its consistent efforts to permanently advance measuring and regulation technology with innovative developments and application-specific solutions with high customer value.

The central focus is the bundling of technological expertise for development of customer-oriented solutions that are appropriate for the market and tailored to the high demands of industry and producing industry. In addition to long-term expertise and state-of-the-art production methods, the GHM GROUP offers competent application consultation and comprehensive customer service, high flexibility even for small part quantities, quick device adaptations and short delivery times. This is all offered at an outstanding price-performance ratio.

Publication free of charge.
Please send a specimen copy to the address below.

Further enquiries | Contact:
Marketing

GHM Messtechnik GmbH | GHM GROUP CORPORATE

Tenter Weg 2-8 | 42897 Remscheid | GERMANY

Tel. +49 176 47673088 | E-Mail marketing@ghm-messtechnik.de

www.ghm-group.de