



Photo: Carola Gietzen

SABINE STEIN AND GABRIELE RENNER

SUCCESSSTORY NR.8

performance international GmbH

With the climate change temperatures rises every year and more and more people have problems with the heat. Air conditioners are not environmentally friendly because of high energy consumption and CO² emissions. Therefore the future-oriented company performance international GmbH develops, produces and sells cooling functional clothing, which actively cools the body by up to 12°C.

The products with their brand E.COOLINE works like an air condition to wear. With the unique 3-dimensional high-tech fleece inside, water is stored inside the fibers which leads to a dry surface in seconds but a high water capacity in the fleece core. At high temperatures a cooling capacity of approx. 2400KJ/l (666 Wath/l) is achieved. The company developed a bionic system which works with the physical evaporation energy of water. No external energy source is required.



Behind innovative inventions, their implementation and the companies that create them, there are always people with a passion for progress and development, who make these things their life-goals. They have the urge to turn ideas into reality, to improve on existing conditions, in the world in general and in their own lives.

Compared to air conditioning systems, this saves a lot of energy, money and over 90% CO². E.COOLINE cooling vests, T-shirts, basecaps, arm coolers and more are already being tested by professional associations (BG Bau, Hohenstein institute) and insurances (DGUV). Therefore they are recommended for workers in steel companies, foundries or chemical and automotive industry but also in construction and more. Employees in companies like Daimler, Thyssen Krupp or BASF already use the products for the health and performance of their employees. Even top athletes in sports such as the German athletics association use the cooling apparel for their performance in heat. Also in medicine for people with multiple sclerosis or Parkinson's disease, COPD or cardiovascular diseases the cooling functional clothing is used to help against heat related health problems. Thus, the concentration and performance but also health problems and the safety of people can be improved.

The product line is brand new and also the sector active cooling functional clothing itself is a completely new market. The possibility to cool the body actively in a dry, simple and effective way is rule breaking. The products are hygienic and washable and they protect the environment because they do not use external energy sources and the whole production and company are climate neutral. This is unique in the world. pervormance international is a family business in Ulm and the only provider of active cooling clothing in Germany. Even the technology is produced in Germany. pervormance international has numerous patents and they already received innovation and ecologic awards. Since 2013 the company is publishing a climate report with climate partners and compensates the generated CO² emissions of their company with Gold Standard projects, such as a forest protection project in Papua New Guinea. This makes pervormance international the first climate-neutral textile company in the world.

www.e-cooline.de

These people put their knowledge, passion, money and time into projects which then, ideally, meet with success. Concrete examples of success such as these are the best motivation!

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