

Press release

Carbon fiber paper **KOHPA®** at the **GREENTECH FESTIVAL** in Berlin

During the Greentech Festival in Berlin, Germany from June 16th to 18th, 2021 everything about the latest technologies for a sustainable lifestyle are explored. At the trade fair, initiated by Formula One world champion Nico Rosberg, environmentally friendly and sustainable technologies, services and products are presented.

Renowned companies, such as AUDI, DEUTSCHE BAHN and VIESSMANN, present new sustainable trends. The Bavaria-based RESO Oberflächentechnik (surface technology) GmbH joins the list of well-known exhibitors and presented KOHPA® - paper with electrical conductivity, based on a mixture of natural and recycled carbon fibers.

KOHPA® offers sustainable solutions for environment and technology and was awarded by the European Union as one of the five most innovative new materials in Europe, known as Green Materials Box 2020.

KOHPA® is the world's thinnest and lightest surface heating and offers countless possible uses as an emission-free, infrared heating element within the area of heat emission. Due to the small footprint and good malleability, floors, ceilings and walls are just as easy to heat as those in difficult-to-access surfaces and complex shapes, both in living spaces and in vehicles. The trend of emission-free heating, via battery storage or direct connection with fuel cell technology, opens interesting future possible combinations with KOHPA®.

Furthermore, KOHPA® is used in shielding electronic components or human and animal protection from electromagnetic fields (e.g., 5G) and within the ecological house construction. A protection efficiency of up to 99.5% can be achieved.

For more information:

<https://www.kohpa.de>

<https://greentechfestival.com/exhibitors/>

https://ec.europa.eu/info/sites/default/files/research_and_innovation/research_by_area/presentations/ec_rtd_greendeal-material-boxes.pdf

the smart paper

Convinced investors

The three investors see good growth prospects for the Bavarian start-up company. Because the industrial production of KOHPA® products, with its associated scalability, offers the potential to be a significant part of the current energy transition. The energy-efficient paper can be used in many ways, for example: in origami technology in lightweight construction, as radiation-proof packaging, for shielding safety-relevant objects, as caravan underfloor heating and much more.

„We have formed a symbiosis of two chemical components that are not normally compatible with each other, thus creating a product that is an asset for a wide variety of industries,“ says KOHPA® CEO, Peter Helfer. “The years of research and passion that we have invested into KOHPA® are now paying off.” “This is what retirement looks like to me.”, adds co-founder Walter Reichel.

“Peter and Walter are highly innovative, technical inventors. With their invention, they solved real everyday problems. Your conductive paper can be used as surface heating and a shielding material against electro smog. KOHPA® recycles carbon fiber waste for its product, that would otherwise have to be destroyed as waste. Sustainability through ingenuity - I think that’s great!”, says Carsten Maschmeyer happily.

“For me, using waste from innovative materials, such as carbon fiber, is an excellent example of a circular economy in which high-quality raw materials are not wasted, but used. In the case of KOHPA®, also for ecological purposes within the construction sector. That’s what I want to see in “Die Höhle der Löwen.”, said Nico Rosberg.

Dagmar Wöhrl adds: “With KOHPA®, we hold the future of modern construction in our hands! In an impressive way, it succeeds in reconciling hazardous waste and environmental awareness. KOHPA® will cause a sensation not only across Germany, but worldwide and rethink energy efficiency. Walter and Peter show that entrepreneurship is not a question of age, and we are proud to be part of this success story.”

Green Materials Box

As early as October 2020, the product KOHPA® was selected by the European Union as one of five particularly innovative materials from all over Europe for the representative “Green Materials Box”. In addition, Walter Reichel and Peter Helfer were invited as entrepreneurs to the Greentech Festival in Berlin and, with great enthusiasm, met with by the business and customer sectors. Initial contacts in the automotive industry are interested in KOHPA® as a surface heating product and are already being supplied by the company.

About **KOHPA®** GmbH

KOHPA® GmbH is a start-up company made up of two trained papermakers as a founding team. Walter Reichel, Composite Engineering Specialist, in (un)retirement and Peter Helfer, Paper Engineering Specialist, with his own printing and paper manufacture business. With its ecological products, KOHPA® GmbH proves that recycling, resource conservation and waste recovery do not have to be controversial for a company's profitability. KOHPA® GmbH develops the latest technological products for a sustainable industry in various sectors and privately green lifestyles.

www.kohpa.de

About **seed+speed** GmbH

Seed + speed Ventures is the Maschmeyer Group's early-stage investor. The focus is on pre-seed and seed investments in software startups, especially in the B2B area, with their headquarters in Germany, Switzerland, or Austria. The portfolio consists of companies from the areas of FinTech, supply chain software, eHealth software and other verticals. The founder is Carsten Maschmeyer. The entrepreneur, investor, bestselling author, speaker, and TV juror invests in startups in Europe and North America through his investment companies seed + speed Ventures, ALSTIN and Maschmeyer Group Ventures.

www.seedandspeed.com

About **INTRO-Verwaltungs** GmbH

In 1972, Hans Rudolf Wöhrle founded INTRO-Verwaltungs GmbH for all his new investments. Since then, the company has been investing in a wide range of business areas. Particularly noteworthy are the aviation activities that began with the establishment of the NFD in 1974 (now Eurowings). They later found their continuation in the takeover, and successful restructuring, of the German BA, LTU and Germania Express. In addition to aviation, retail also plays an important role. A stake in Ludwig Beck AG is part of the portfolio. Additionally, INTRO is involved in around 30 companies, some of them since their founding. Not only capital, but above all know-how, is made available. For TV investor, Ms. Dagmar Wöhrle, the promised investments and founders from the seasons of the well-known VOX program "Die Höhle der Löwen" are taken care of.

www.introverwaltung.de

About Nico Rosberg:

Nico Rosberg is known as the 2016 Formula One world champion. Since he left the racing circuit, he is passionately committed to sustainability. As an entrepreneur and investor in green technologies and mobility start-ups, he stands for visionary innovations that make the world a little better. He is also involved in numerous projects around the world in environmental protection, health, equality and justice. In 2019 he founded the GREENTECH FESTIVAL, a global platform for pioneering sustainable ideas, which takes place annually in Berlin, Germany. In 2020, Rosberg became a juror in the VOX show „Die Höhle der Löwen“, with the aim of promoting sustainable and future-oriented start-ups.

www.nicorosberg.com

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