

Hydrogen is now.

H-TEC SYSTEMS

PRESS RELEASE

Award Ceremony "Lead Projects 2019"

**H-TEC SYSTEMS receives award from KUMAS -
Kompetenzzentrum Umwelt e. V. (Competence Center
Environment)**



5 December 2019, Augsburg – Award-winning! Green hydrogen for regional mobility

The start of the operation of Germany's largest hydrogen mobility project "eFarm" next year has become possible also thanks to the electrolyzers of H-TEC SYSTEMS. Their contribution to the energy revolution as a key technology in sector coupling was recently honoured with the "Lead Project 2019" award by the environmental protection network KUMAS.

The Augsburg-based association annually awards prizes to projects that make a special contribution to environmental protection and, in particular, to the energy turnaround.



"We are delighted to receive this award. It underlines the importance of sector coupling with the key technology hydrogen in the energy turnaround," said Heiner Gärtner, managing partner of H-TEC SYSTEMS at the award ceremony last week.

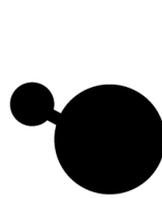
H-TEC has acquired more than 20 years of experience in hydrogen technology product research and development.

Founded in 1997 in Lübeck, H-TEC SYSTEMS now builds stacks and megawatt class electrolyzers at two locations in Bavaria and Schleswig-Holstein. The focus is on the polymer electrolyte membrane process. The fields of application are in the industrial sector, which is increasingly demanding green hydrogen, as well as in the area of power upgrading and storage in connection with wind and solar parks.

The eFarm Project...

... is just kicking off in North Frisia and is the largest hydrogen mobility project of its kind in Germany. Five electrolyzers from H-TEC SYSTEMS, each with an electrical output of 225 kW, will be installed next year and will convert electricity from regional citizen wind farms into green hydrogen from 2020. This will be provided at two filling stations for local public transport and also for individual transport. The waste heat from the electrolysis process flows into the regional heat supply. This holistic use of the conversion process enables an optimum efficiency of up to 95 %.

The ongoing eFarm project is subsidised by the Federal Ministry of Transport and Digital Infrastructure with a total of EUR 8 million as part of the National Innovation Programme



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Hydrogen and Fuel Cell Technology funding directive. Implementation of the funding directive is coordinated by NOW GmbH .

The project produces, transports, processes and markets the green hydrogen on a cooperative basis and is a project of eFarming GmbH & Co. KG. Among its participants are the citizen wind and solar parks supplying electricity, regional grid operators and fuel consumers.

Picture caption: Exemplary environmental protection. The representatives of this year's three award winners "KUMAS Lead Project 2019", among them H-TEC SYSTEMS Managing Director Heinrich Gärtner (centre), present their certificates. Also in the picture (from the left) are jury chairman Prof. Dr.-Ing. Wolfgang Rommel, KUMAS Managing Director Thomas Nieborowsky and CEO Dr. Joachim Knüpfer (right).

Photo/image rights: KUMAS / Schöllhorn

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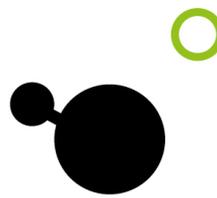
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About H-TEC SYSTEMS

H-TEC was founded in 1997 and has acquired more than 20 years of experience in hydrogen technology product research and development. At production sites in Schleswig-Holstein and Bavaria, stacks and electrolyzers of the megawatt class are being manufactured. The focus is on the polymer electrolyte membrane process for industrial hydrogen applications and for use by electricity refiners and converters. Since 2010, H-TEC SYSTEMS has been part of the GP JOULE company group, which integrates hydrogen-based energy storage technology into concepts for intelligent renewable energy operation and use. MAN Energy Solutions joined in as a strategic co-investor of H-TEC Systems in 2019. H-TEC electrolyzers already make effective sector coupling possible today. www.h-tec-systems.com

About KUMAS



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The Förderverein KUMAS - Kompetenzzentrum Umwelt e. V. (KUMAS booster club - Competence Centre Environment) was founded in 1998 and is the central hub in the network for growing environmental competence.

Business, science, politics and administration work closely together here to create favourable framework conditions for the environmental economy and to promote sustainable development in Bavaria.

The award ceremony for KUMAS Lead Projects 2019 took place on Thursday, December 5, 2019, in the Villa Haag in Augsburg.