

Cooper Union Showcases Evonik's Record-Setting, Self-Sufficient Wind Explorer Innovative Vehicle Cruised 3,000 Miles Across Australia For Less Than \$15

New York, N.Y., April 2, 2013 – The Cooper Union for the Advancement of Science and Art will feature Evonik's Wind Explorer – a lightweight, electric vehicle that crossed Australia on less than \$15 of electricity – at 41 Cooper Square, New York, on April 2.

"I'm very proud to display the Wind Explorer at Cooper Union – a school distinguished by its engineering, architecture and fine arts curriculum," said John Rolando, president of Evonik Corporation. "The Wind Explorer is a great example of how resource-efficient and environmentally-friendly vehicles can be today. The products used to create the Wind Explorer offer us a glimpse into the future of automotive engineering."

The vehicle, piloted by German extreme sportsmen Dirk Gion and Stefan Simmerer, ran on a lithium-ion battery developed from Evonik's LITARION® electrodes and SEPARION® ceramic separators. The SEPARION® technology is non-flammable fabric woven from ceramic fibers and is manufactured exclusively by Evonik. This allows the battery cells to store energy generated from a portable wind turbine. The Wind Explorer's lithium-ion battery technology is being used in Daimler's new E-smart generation electric vehicles. Evonik's silica-silane technology for rubber formulation reduced the rolling resistance of the vehicle's tires, lowering fuel consumption and carbon dioxide emissions.

Evonik's Wind Explorer produced virtually zero emissions during its 3,000 mile journey across Australia, a distance roughly 200 miles further than from New York City to Los Angeles. The Wind Explorer was so resource-efficient that the wind turbine carried aboard could produce enough energy to travel 175–225 miles a day.

"Our 3,000 mile journey across Australia was a testament to the fact that automobiles no longer need to be bulky and consume a lot of fuel to cover long distances," said Gion. "The Wind Explorer can bring innovation to the automotive industry through 'green' technology. This was a very unique achievement and we hope our expedition will inspire and encourage others to think outside the box."

The Wind Explorer pilots set three world records during their coast-to-coast trip across Australia, including the first time a continent had been crossed by a vehicle powered by wind and lithium-ion batteries, the longest overall distance covered by an exclusively wind-powered automobile, and the longest distance covered in 36 hours by an electric and wind-powered vehicle.

For additional information about Evonik in North America, please visit our website:
www.evonik.com/north-america

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2012 more than 33,000 employees generated sales of around €13.6 billion and an operating profit (adjusted EBITDA) of about €2.6 billion.

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