

TU/e student team presents first electric touring motorcycle

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Credit: Bart van Overbeeke

The Eindhoven University of Technology (TU/e) student team, STORM Eindhoven, today presented its electric touring motorcycle. 'STORM Pulse' is the world's first long-distance electric motorcycle, up to 380 kilometers on a single charge. The team will be riding this motorcycle around the world in 80 days in 2016 during its 'STORM World Tour' to demonstrate the potential of sustainable transport. Television presenter Rick Nieman has already signed up to the project as its ambassador.

The mission of the student team STORM Eindhoven is to improve the global image of sustainable transport. Its electric touring motorcycle, called 'STORM Pulse', is the perfect model of what the students believe electric transport has to be: quiet, efficient and with a range of 380 kilometers, an unprecedented sense of freedom. And all that with the rugged look you would expect of a motorcycle.

Modular battery pack

What is striking is the [battery pack](#) developed by the students themselves. It consists of 24 individual cartridges and can generate up to 28.5 kWh of energy, allowing the motorcycle to ride 380 kilometers without needing to recharge. You can also adjust the number of cartridges to create a lighter bike and a more sporty ride.

STORM World Tour

During the STORM World Tour in 2016 the student team will be riding around the world in 80 days, a journey that takes in the northern hemisphere, through Europe, Asia and North America, and a total of 26,000 kilometers of road. The key to convincing the world, STORM Eindhoven believes, lies in sharing the experience. People as well as universities and companies from all over the world can take part in the 'STORM Grid' and offer electricity or other facilities.

Rick Nieman supports STORM

Today the team announced that Rick Nieman, television presenter, journalist and motorcycle riding enthusiast, has signed up to the project as ambassador, following in the footsteps of ex-premier Jan-Peter Balkenende. Apart from Nieman's love of motorcycling, he was taken most of all by the team's enthusiasm: "I think it's very special to be

involved in the development of the first electric touring motorcycle".

Promotour through Europe

Over the next few weeks STORM Pulse will be touring through Europe, with the Intelligent Transportation Systems World Congress in Bordeaux the first port of call at the beginning of this month, followed by an appearance at Sustainability Day in Pakhuis de Zwijger, in Amsterdam, on 9 October. Then it's off to England to give the public there the opportunity to see the [motorcycle](#) during the Greenpower Final, on 10 and 11 October at Rockingham Motor Speedway. Finally, the German exclusive takes place during the World of Energy Solutions in Stuttgart from 10 to 12 October.

Provided by Eindhoven University of Technology

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