

## Press release

corporate communication

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### TenCate sponsors new solar car of the Solar Team Twente with its own materials

**For the 10<sup>th</sup> World Solar Challenge in Australia (from 25 to 31 October 2009 inclusive) the Solar Team Twente (The Netherlands) will use advanced composite materials from TenCate for the construction of their brand-new solar car. TenCate will also provide fabrics for the team's clothing and the tents for the solar car and team members. In addition, TenCate will make synthetic turf available for the presentation of the solar cars.**

TenCate is supporting the 17-strong student team from the University of Twente and Saxion from Enschede (The Netherlands) by sponsorship in kind, in order to make the brand-new solar car 2009 as light and strong as possible. Most of the technology and materials used in this vehicle are of regional origin (the Dutch technology region Twente), including the space and aerospace composite from TenCate.

#### **Sustainable transport**

TenCate composite contributes to more sustainable transport, whether in the air, in space or on the road. This is a strong, lightweight and energy-saving material and the aviation industry and car racing world are already making considerable use of it. Composite from TenCate will be used in virtually every structural part of the new solar car, including the frame. The Solar Team Twente intends to achieve a considerable reduction in weight compared with the previous solar car, and a lower air resistance of at least 25 percent.

#### **Mobile solar panel**

TenCate composite has also been incorporated into the renewed solar panel. Just as in the previous solar car, in the new vehicle it is possible for its solar panel to pivot during the journey. In this way, the solar panel will have the most ideal angle of the sun, namely directly onto the solar cells, that now have even been fitted so as to overlap each other. Thanks to new patented technology the solar cells are able to concentrate sunlight even better, so that they generate the maximum of solar energy.

#### **Winner on technology**

The sustainable Twente One solar car from 2007 achieved sixth position in the overall placings and reached speeds as high as 126 kilometres per hour during the 3,010-kilometre-long World Solar Challenge through Australia. Thanks to its pivoting solar panel and patented lens system, the Twente One 2007 was the

winner in the field of technology. The Twente solar cars from 2007 and 2005 both incorporated TenCate materials.

**Royal Ten Cate**  
**Almelo, Wednesday 8 April 2009**

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**For further information:**

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**Digital pictures and photographs are on request available at [media@tencate.com](mailto:media@tencate.com).**

**The Solar Team Twente will present its design and team on Wednesday 8 April 2009 from 15.30 in the De Vrijhof building (building no. 47) on the campus of the University of Twente at Drienerlolaan 5 in Enschede, The Netherlands.**

**Solar Team Twente, University of Twente in Enschede, The Netherlands**

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**Royal Ten Cate** (TenCate) is the multinational company which combines textile technology with related chemical processes and material technology in the development and production of functional materials with distinctive characteristics. Systems and materials from TenCate come under four areas of application: safety and protection; space and aerospace; infrastructure and the environment; sports and leisure. TenCate occupies world leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on NYSE Euronext.