

# Space Technology Works on Earth Too

August 10 2004

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The world's fastest solar-powered car is being driven through Sweden and Norway. Nuna 2, the world's fastest solar-powered car begins its journey on 14 August in Oslo and completes it on 22 August in Andenas.

The car was made with the help of [space technology](#) and **can reach a top speed of 170 km/h**. Nuna 2 is powered by solar energy and is covered entirely by solar cell panels.

It will primarily be driven on the E4, and will stop in Gothenburg, Linköping, Stockholm, Uppsala, Luleå, Kiruna, Narvik, and Andenäs.

There is also the possibility of short stops in other locations. "Journalists and photographers will also be able to take a look at the car at other locations near the route. Just call me and we'll stop at an agreed location along the way," says Rosita Suenson, ESA's project manager for Nuna's journey through Sweden.

“Space research and space technology have driven technical development forward in several areas, and the knowledge can be re-used in new contexts on Earth. Nuna 2 is a project that can illustrate and serve as an inspiration for new applications of space technology,” says Rosita Suenson.

By travelling 3010 km in 31 hours and five minutes, Nuna 2 won the World Solar Challenge in Australia in October 2003. The car was built and driven by students from Delft University in The Netherlands. In Sweden, students from the Civil Engineering Programme in Space Technology in Kiruna, one of many space programmes in Sweden, are also participating.

## **Schedule:**

Oslo 14 August, 12:00 – 18:00 and 15 August, 12:00 – 16:00

Colour Line Scandinavian Grand Prix

Gothenburg 16 August, 12:00 – 17:00

Kungssportsplatsen – Avenyn – Götaplatsen – Universeum

Linköping 17 August, 11:00 – 13:00

Stora torget (Central Square)

Stockholm 17 August, 16:00 – 19:00

Kungsträdgården Ung 08 Festival

Uppsala 18 August, 12:00 – 15:00

Central Uppsala and Ångström’s Laboratory

Luleå 20 August, 11:00 – 16:00

Central Luleå and Teknikens Hus

Kiruna 21 August, 10:00 – 16:00

Esrang and central Kiruna

Narvik 21 August, 18:00 – 20:00

Narvik University

Andenäs 22 August, 14:00 – 17:00

Open house at the sports field

## **Facts about Nuna 2**

Length: 5 m

Width: 1.8 m

Weight: 240 kg

Top speed: 170 km/h

To reach a speed of 100 km/h requires 1650 W, equivalent to the power used by a hair drier.

The progress of the Nuna 2 tour can be followed on the ESA Portal.

Source: ESA

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