



Press release

SolaRoad opens

The first road in the world that converts sunlight into electricity is ready for use

Haarlem, 21 October 2014



The SolaRoad pilot road has been opened this week. SolaRoad is a road surface that acts as a solar panel. SolaRoad will be officially opened on the 12th of November by Minister Kamp. This is the first road in the world that converts sunlight into electricity. SolaRoad was developed by TNO, the Province of North-Holland, Ooms Civiel and Imtech Traffic&Infra.

Road surface that converts sunlight into energy

The pilot road of just a hundred metres consists of concrete modules each of 2.5 by 3.5 metres. Solar cells are fitted in one travelling direction underneath a tempered glass top layer which is approximately 1-cm thick. There are no solar cells on the other side of the road and this is used to test various top layers. In time, the solar power from the road will be used for practical applications in street lighting, traffic systems, electric cars (which drive on the surface) and households. This first section of

SolaRoad is located in Krommenie, along the provincial road N203, next to the Texaco garage on the railway track side (GPS data: 52.493875, 4.767134).

Test period

For a three-year period, various measurements will be taken and tests performed to enable SolaRoad to undergo further development. The tests must answer questions such as: How does it behave in practice? How much energy does it produce? and What is it like to cycle over? In the run-up to the surface being laid, the road was tested in the laboratory to ensure that it fulfils all (safety) requirements for road surfaces.

Official opening on the 12th of November

SolaRoad will be officially opened on Wednesday the 12th of November by Minister Kamp.

More information

For more information about SolaRoad take a look at www.solaroad.nl/en/

Also follow SolaRoad on social media:

Twitter: [@SolaRoadNL](https://twitter.com/SolaRoadNL)

Facebook: <http://www.facebook.com/solaRoadNetherlands>

Note for the editors – not for publication

For more information about the content of this press release, please contact one of the persons listed below. Images can be downloaded from our image library on the website. You can also register with the persons listed below to attend the opening of SolaRoad on the 12th of November 2014.

Contact persons

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