

Here in south-central Pennsylvania, we have [12 different car shows in Carlisle](#). On literally the opposite side of the earth, a whole different car show is taking place next week: one with solar cars. The 11<sup>th</sup> “[Veolia World Solar Challenge](#)” is taking place from October 16 -23. This solar car race from Darwin to Adelaide Australia first began in 1987 and recurs every odd year.



[Map](#): © Copyright 2011 [World Solar Challenge](#)

This 3,000 km friendly competition focuses on energy management. These are the most efficient electric vehicles on planet Earth!

The [Nuon 6](#) Solar Car from the Netherlands can cruise at 95 km/hr (59 mph), and reach a max speed of 145 km/hr (90 mph). The Nuon team won in 2001, 2003, 2005 ([averaging 102.75 km/hr = 63.8 mph](#)), and 2007. But team Nuon took 2<sup>nd</sup> in 2009 to [Tokai University](#) from Japan. The [University of Michigan](#) team has consistently placed in the top 3, with the [Massachusetts Institute of Technology \(MIT\)](#) notching a top three finish recently also. [Cal-Berkeley](#), [Stanford](#) and [Illinois](#) have sleek cars that could be contenders too. Who will win this year?

Teams travel during the daytime, but must stop at 5 pm and make camp in the outback of Australia, wherever they may be at that point. Seven mandatory check-points allow teams to get weather updates and only basic maintenance (tire pressure, clean debris off the car, etc). Additional undisclosed check points by officials add regulatory compliance.

During the last four days of the race, the [Adelaide GreenZone Drive](#) will take place. Fifteen different PRODUCTION low emission vehicles [may be booked](#) for a test drive near the finish line in Victoria Square. [Seminars and conferences](#) are available to the public also. [Schools are invited](#) to attend the Sustainable Village at Victoria Square for the finish of the Veolia World Solar Challenge on Oct 23. [Other fun events](#) are planned throughout this week featuring speed trials, science discussions and much more.

There are 37 registered teams: Five from the U.S., four from Canada, three from Australia, Japan, and Turkey. 19 more teams from around the globe round out the field.

So, kick back in your chair as I finish this article with a [close look](#) at the field ☺ I hope you enjoy these cars as much as we do at [I Need Solar](#).

<b>Car Name</b>	Aurora Evolution
<b>Country</b>	Australia
<b>Website</b>	<a href="http://www.aurorasolarcar.com/">http://www.aurorasolarcar.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/aurorasolarcar">http://www.facebook.com/aurorasolarcar</a>



<b>Car Name</b>	Solar Spirit Australia
<b>Country</b>	Australia
<b>Website</b>	<a href="http://solarspiritaustralia.com/home">http://solarspiritaustralia.com/home</a>
<b>Facebook</b>	NONE



<b>Car Name</b>	Sunswift iv
<b>Country</b>	Australia
<b>Website</b>	<a href="http://www.sunswift.com/">http://www.sunswift.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/susolarcar#!/UNSWSunswift">http://www.facebook.com/susolarcar#!/UNSWSunswift</a>



<b>Car Name</b>	Umicore
<b>Country</b>	Belgium
<b>Website</b>	<a href="http://www.solarteam.be/">http://www.solarteam.be/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/solarteam">http://www.facebook.com/solarteam</a>



<b>Car Name</b>	Midnight Sun X
<b>Country</b>	Canada
<b>Website</b>	<a href="http://www.uwmidsun.com/">http://www.uwmidsun.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/uwmidsun">http://www.facebook.com/uwmidsun</a>



<b>Car Name</b>	Schulich Axiom
<b>Country</b>	Canada
<b>Website</b>	<a href="http://www.calgarysolarteam.ca/">http://www.calgarysolarteam.ca/</a>
<b>Facebook</b>	NONE



<b>Car Name</b>	Blue Sky
<b>Country</b>	Canada
<b>Website</b>	<a href="http://blueskysolar.utoronto.ca/">http://blueskysolar.utoronto.ca/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/blueskysolar">http://www.facebook.com/blueskysolar</a>



<b>Car Name</b>	Eclipse 7
<b>Country</b>	Canada
<b>Website</b>	<a href="http://eclipse.etsmtl.ca/">http://eclipse.etsmtl.ca/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/eclipse.etsmtl">http://www.facebook.com/eclipse.etsmtl</a>



<b>Car Name</b>	Eolian
<b>Country</b>	Chile
<b>Website</b>	<a href="http://www.eolian.cl/">http://www.eolian.cl/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/eolian.uchile">http://www.facebook.com/eolian.uchile</a>



<b>Car Name</b>	SolarWorld GT
<b>Country</b>	Germany
<b>Website</b>	<a href="http://www.hochschule-bochum.de/solarcar">http://www.hochschule-bochum.de/solarcar</a>
<b>Facebook</b>	blank



<b>Car Name</b>	Avenir
<b>Country</b>	India
<b>Website</b>	<a href="http://solaris.dce.edu/">http://solaris.dce.edu/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/dtusolaris">http://www.facebook.com/dtusolaris</a>



<b>Car Name</b>	Persian Gazelle II
<b>Country</b>	Iran
<b>Website</b>	NONE
<b>Facebook</b>	NONE



<b>Car Name</b>	Havin
<b>Country</b>	Iran
<b>Website</b>	NONE
<b>Facebook</b>	NONE

No picture available.

<b>Car Name</b>	Emilia 2
<b>Country</b>	Italy
<b>Website</b>	<a href="http://www.ondasolare.com/">http://www.ondasolare.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/Onda-Solare-Italian-Team-World-Solar-Challenge-2011/50083423803">http://www.facebook.com/pages/Onda-Solare-Italian-Team-World-Solar-Challenge-2011/50083423803</a>



<b>Car Name</b>	TokaiChallenger2
<b>Country</b>	Japan
<b>Website</b>	<a href="http://deka.challe.u-tokai.ac.jp/lp/">http://deka.challe.u-tokai.ac.jp/lp/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/susolarcar#!/tokaisolarcar">http://www.facebook.com/susolarcar#!/tokaisolarcar</a>



<b>Car Name</b>	Sky Ace V
<b>Country</b>	Japan
<b>Website</b>	<a href="http://www.ashiya-u.ac.jp/solarcar/">http://www.ashiya-u.ac.jp/solarcar/</a>
<b>Facebook</b>	NONE



<b>Car Name</b>	Lequion
<b>Country</b>	Japan
<b>Website</b>	<a href="http://teamokinawa.jp/">http://teamokinawa.jp/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/Team-OKINAWA/199800506704656">http://www.facebook.com/pages/Team-OKINAWA/199800506704656</a>



<b>Car Name</b>	Haegama
<b>Country</b>	Korea
<b>Website</b>	NONE
<b>Facebook</b>	NONE



<b>Car Name</b>	Solar Ranger
<b>Country</b>	Malaysia
<b>Website</b>	<a href="http://www.solar.coe.edu.my/">http://www.solar.coe.edu.my/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/solar.ranger">http://www.facebook.com/solar.ranger</a>



<b>Car Name</b>	UMP Solar
<b>Country</b>	Malaysia
<b>Website</b>	<a href="http://www.umpsocar.blogspot.com">http://www.umpsocar.blogspot.com</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/UMP-KILAU/173508136060722">http://www.facebook.com/pages/UMP-KILAU/173508136060722</a>



<b>Car Name</b>	Nuna 6
<b>Country</b>	Netherlands
<b>Website</b>	<a href="http://www.nuonsolarteam.nl/">http://www.nuonsolarteam.nl/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/nuonsolarteam">http://www.facebook.com/nuonsolarteam</a>



<b>Car Name</b>	21Connect
<b>Country</b>	Netherlands
<b>Website</b>	<a href="http://www.solarteam.nl/">http://www.solarteam.nl/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/solarteamtwente">http://www.facebook.com/solarteamtwente</a>



<b>Car Name</b>	Sikat II
<b>Country</b>	Philippine
<b>Website</b>	<a href="http://www.philsolarchallenge.org/">http://www.philsolarchallenge.org/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/sikat2solarcar">http://www.facebook.com/sikat2solarcar</a>



<b>Car Name</b>	Apollo VI
<b>Country</b>	Republic of China (Taiwan)
<b>Website</b>	<a href="http://solarschool.kuas.edu.tw/apollo.asp">http://solarschool.kuas.edu.tw/apollo.asp</a>
<b>Facebook</b>	NONE



<b>Car Name</b>	Wahj
<b>Country</b>	Saudi Arabia
<b>Website</b>	<a href="http://www.seraaj.com/">http://www.seraaj.com/</a>
<b>Facebook</b>	NONE



<b>Car Name</b>	Nanyang Venture V
<b>Country</b>	Singapore
<b>Website</b>	blank
<b>Facebook</b>	blank



<b>Car Name</b>	SER-1
<b>Country</b>	Switzerland
<b>Website</b>	<a href="http://www.solarenergycracers.ch/">http://www.solarenergycracers.ch/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/groups/163401307005527/">http://www.facebook.com/groups/163401307005527/</a>



<b>Car Name</b>	Saguar2
<b>Country</b>	Turkey
<b>Website</b>	<a href="http://www.saitem.org/tr/">http://www.saitem.org/tr/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/saitem">http://www.facebook.com/saitem</a>



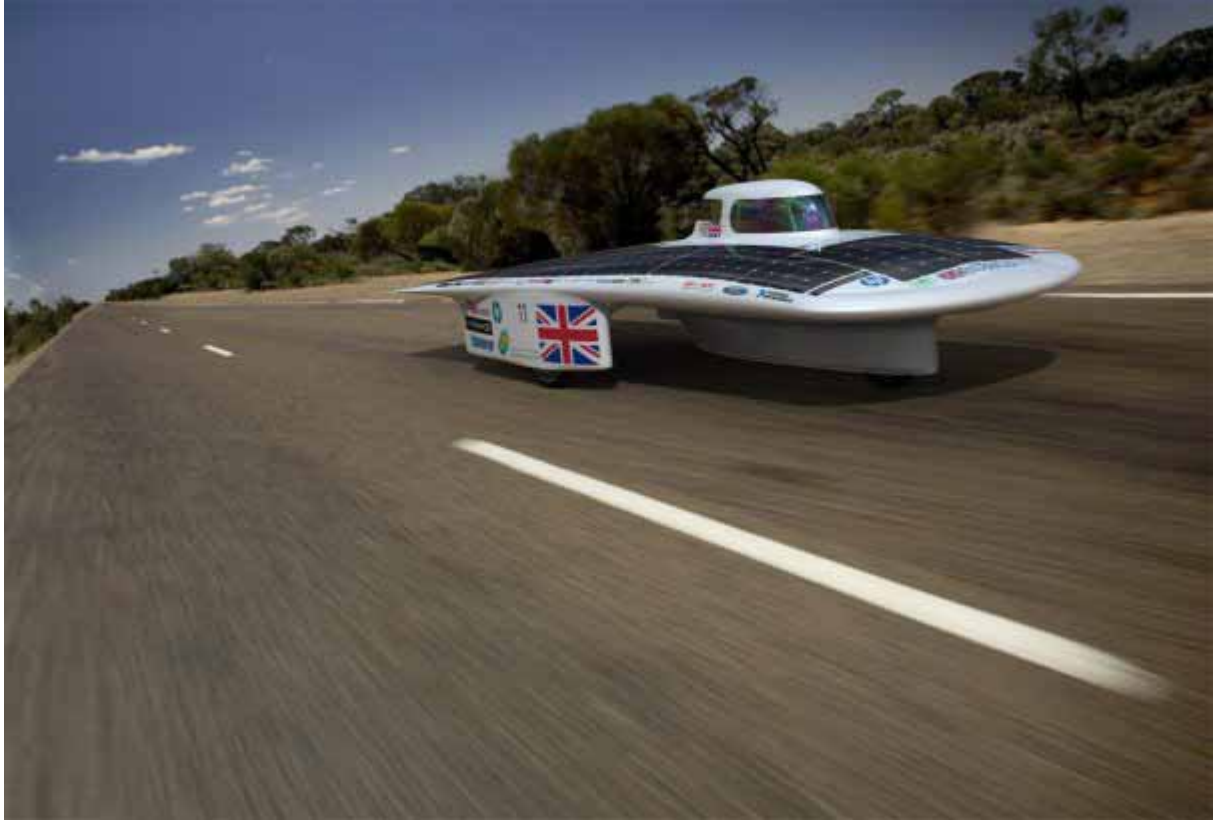
<b>Car Name</b>	SOCRAT
<b>Country</b>	Turkey
<b>Website</b>	<a href="http://www.socrat.net/">http://www.socrat.net/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/iusocrat">http://www.facebook.com/iusocrat</a>



<b>Car Name</b>	Sunatolia
<b>Country</b>	Turkey
<b>Website</b>	<a href="http://www.anadolusolarteam.org/">http://www.anadolusolarteam.org/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/AnadoluSolarTeam">http://www.facebook.com/AnadoluSolarTeam</a>



<b>Car Name</b>	Endeavour
<b>Country</b>	UK
<b>Website</b>	<a href="http://www.cuer.co.uk/">http://www.cuer.co.uk/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/Cambridge-University-Eco-Racing/15126409570">http://www.facebook.com/pages/Cambridge-University-Eco-Racing/15126409570</a>



<b>Car Name</b>	DUSC2011
<b>Country</b>	United Kingdom
<b>Website</b>	<a href="http://www.dur.ac.uk/dusc/">http://www.dur.ac.uk/dusc/</a>
<b>Facebook</b>	blank



<b>Car Name</b>	Quantum
<b>Country</b>	USA
<b>Website</b>	<a href="http://www.umsolar.com/">http://www.umsolar.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/umsolar">http://www.facebook.com/umsolar</a>



<b>Car Name</b>	Chopper del Sol
<b>Country</b>	USA
<b>Website</b>	<a href="http://mitsolar.com/">http://mitsolar.com/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/MIT-Solar-Electric-Vehicle-Team/199406470100961">http://www.facebook.com/pages/MIT-Solar-Electric-Vehicle-Team/199406470100961</a>



<b>Car Name</b>	Stanford
<b>Country</b>	USA
<b>Website</b>	<a href="http://solarcar.stanford.edu/">http://solarcar.stanford.edu/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/susolarcar">http://www.facebook.com/susolarcar</a>



<b>Car Name</b>	Impulse
<b>Country</b>	USA
<b>Website</b>	<a href="http://calsol.berkeley.edu/">http://calsol.berkeley.edu/</a>
<b>Facebook</b>	<a href="http://www.facebook.com/pages/CalSol-UC-Berkeley-Solar-Vehicle-Team/279690955393536">http://www.facebook.com/pages/CalSol-UC-Berkeley-Solar-Vehicle-Team/279690955393536</a>



<b>Car Name</b>	Ra 7s
<b>Country</b>	USA
<b>Website</b>	<a href="http://www.principiasolarcar.com/">http://www.principiasolarcar.com/</a>
<b>Facebook</b>	NONE

