PrISUm’s Mission

“To develop effective and practical renewable transportation by challenging and motivating members, spearheading innovation, and inspiring future leaders.”

PrISUm is an elite group of Iowa State University students that design, fabricate, and race solar powered vehicles around the world. In order to achieve our goals, members spend all year conducting outreach events, reaching over 150,000 people a year. Join Team PrISUm as we set sail for Australia in 2017 to win the World Solar Challenge.
Goals & Timeline

Current Project: Phaëton II
August 2015 — November 2015
Rebuild Phaëton into Phaëton II

November 2015 — June 2016
Road/Track Testing

May 2016
Testing in Sunrun 2016

July 2016
Competing in Formula Sun GP and American Solar Challenge

July 2016—April 2017
Testing P14 parts on Phaëton II

Future Project: P14
August 2015 — May 2016
Design Phase

April 2016 — April 2017
Construction Phase

May 2017—June 2017
Testing in United States

July 2017 — August 2017
Shipping to Australia

September 2017
Testing in Australia

October 2017
Competing in World Solar Challenge

ExCYtor (1995—1997)
Sunrayce ’97

Phoenix (1997—1999)
Sunrayce ’99

Odyssey (1999—2001)
American Solar Challenge ’01
### Where does the money go?

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>P14 PCB Boards</td>
<td>$4000</td>
</tr>
<tr>
<td>Electric Motors</td>
<td>$30,000</td>
</tr>
<tr>
<td>Tires for 2016</td>
<td>$7500</td>
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<tr>
<td>P14 Solar Array</td>
<td>$38,000</td>
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<tr>
<td>Tires for WSC</td>
<td>$7500</td>
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<td>P14 Carbon Fiber Monocoque</td>
<td>$125,000</td>
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<tr>
<td>P14 Battery Pack</td>
<td>$8000</td>
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<tr>
<td>WSC Travel Costs</td>
<td>$200,000</td>
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<tr>
<td>Phaëton II Solar Array</td>
<td>$25,000</td>
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</table>

**Spectrum (2001—2003)**  
American Solar Challenge ‘03

**Fusion (2003—2005)**  
North American Solar Challenge ‘05

**Sol Invictus (2005—2008)**  
North American Solar Challenge ‘08
**Sponsor Benefits**

<table>
<thead>
<tr>
<th></th>
<th>Adopter $0-$499</th>
<th>Sustainer $500-1,999</th>
<th>Benefactor $2,000-$4,999</th>
<th>Cardinal $5,000-$9,999</th>
<th>Gold $10,000-$14,999</th>
<th>Platinum $15,000+</th>
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<tbody>
<tr>
<td><strong>Website</strong></td>
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<td>Logo &amp; Link</td>
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<td><strong>Sundial</strong></td>
<td>Name</td>
<td>Name</td>
<td>Name</td>
<td>Name</td>
<td>Logo</td>
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<tr>
<td><strong>Race Shirt</strong></td>
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<td>Medium Logo</td>
<td>Large Logo</td>
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<tr>
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<tr>
<td><strong>Solar Car</strong></td>
<td>Name INTERIOR</td>
<td>Logo INTERIOR</td>
<td>Small Logo EXTERIOR</td>
<td>Large Logo EXTERIOR</td>
<td>Large Logo EXTERIOR</td>
<td>Large Logo EXTERIOR</td>
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<tr>
<td><strong>Personal Visit</strong></td>
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<td>By Appointment</td>
<td>By Appointment</td>
<td>By Appointment</td>
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<td><strong>Show Model</strong></td>
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</tr>
</tbody>
</table>

Names & logos inside the car will be seen by the public at outreach events where we remove the solar array.

**Anthelion (2008—2010)**  
*American Solar Challenge ‘10*

**Hyperion (2010—2012)**  
*American Solar Challenge ‘12*

**Phaëton (2012-2015)**  
*American Solar Challenge ‘14*
Team PrISUm

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https://www.flickr.com/photos/prisum/

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