



UNLIMITED 6.0 on the road during the 2025 Bridgestone World Solar Challenge.



Western Sydney Solar Team

Prospectus

Western Sydney Solar Team acknowledges the Darug, Eora, Dharrawal (also referred to as Tharawal) and Wiradjuri peoples and thanks them for their support of its work on their lands (Greater Western Sydney and beyond).

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UNLIMITED 6.0 at Pyrmont Bridge, Sydney.

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UNLIMITED 6.0 being loaded into the trailer.

4 Our Mission: Future Mobility, Today

Driven by more than the sun.

Solar racing is more than a pursuit of the sun, it is a pursuit of our ideals, our aspirations, a pursuit of what our future can be. Our goal is to generate tangible innovation in response to the threat of climate change.

Through our widespread public outreach, particularly our youth, we want to cultivate a passion, a drive to instigate change now.

We've developed an unquenchable devotion to pushing the limits of efficiency and sustainability in everything we do; this is the ethos we want to share with the world.

The people who join us on our transcontinental journeys are the ones who don't see limits, only visions of tomorrow; they obsess over every detail required to make it happen. We have engineered our cars with the very best of what we have available and with the very best of ourselves, to be a road sign pointing us towards what our automotive future can be.

By demonstrating the capabilities of today, we hope the possibilities of tomorrow will inspire and captivate the imaginations of everyone we reach.

Join us on our mission. We can work together on our vision for the future.



Strategy team on the 2025 Bridgestone World Solar Challenge.

Racing Wherever The Sun Shines

Two years. Two continents.

Bridgestone world solar challenge: Where it all started.

Hans Tholstrup started our sport in 1983 as he crossed Australia in the first solar powered vehicle. The brightest minds from all over the world have been chasing the sun across Australia ever since.

Today the Bridgestone World Solar Challenge is the pinnacle of solar racing, a gruelling 3022km journey from Darwin to Adelaide through the blazing heart of Australia. We race and outpace teams from the best universities in the world, including MIT, Stanford and Cambridge University.

Unlimited 2.0 completed the 2017 WSC in 6th place as the top Australian team.



American solar challenge: Another adventure awaits.

As much as we love racing on home soil, we also enjoy the challenge of the journey that takes us to the United States, racing 2800km through the majestic ranges of the Mid West.

The logistical challenge of an international solar expedition puts us right where we want to be, stepping out of our comfort zone; 12,087km outside, to be exact.

In 2018, we took on the rough roads of the USA to participate in the American Solar Challenge (ASC).



The ASC was unlike anything we've ever done before, putting our team to the ultimate test.

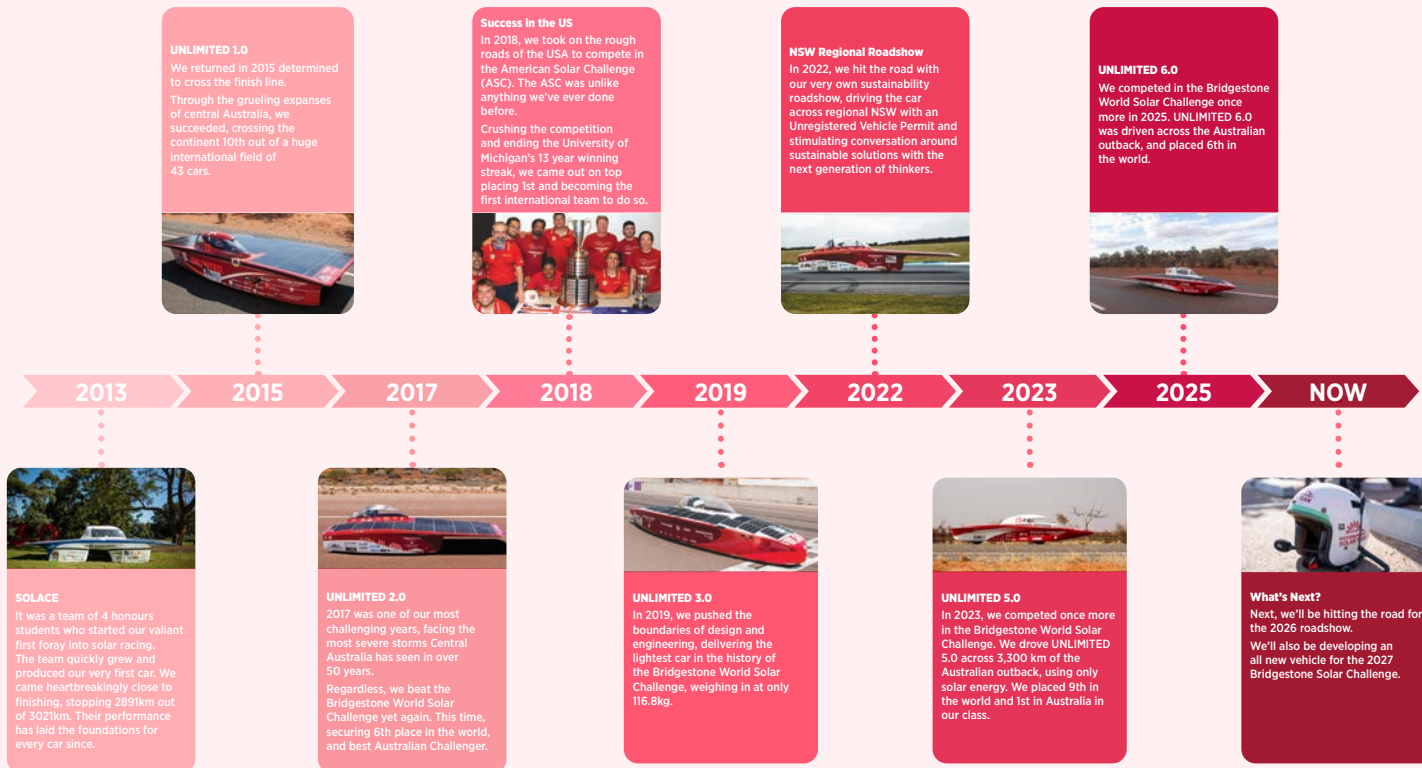
Despite this, we came out on top and took out **1st place, becoming the first ever Australian team to do so.**

UNLIMITED 6.0 on the road during the 2026 BWS.



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Standing On The Shoulders Of Giants





UNLIMITED 6.0 at the finish line of the 2025 Bridgestone World Solar Challenge.

8 Peak Performance

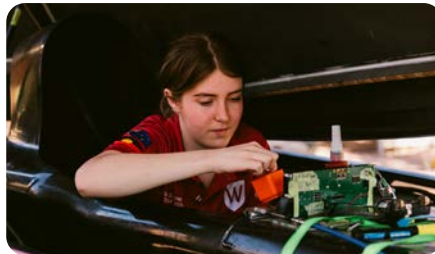
Creating the most efficient road vehicles on earth.

Efficiency is everything in solar racing. Races are won and lost in every thousandth of a percent. Our engineers live and breathe efficiency, spending hours agonising over the finest details, scrutinising every micron, to gain seconds on the race.

The result of this is an uncompromising pursuit of absolute efficiency; a complex organism of aerospace-grade materials and cutting edge, connected electronics wrapped around our driver.

A true harmony of human and machine:

- UNLIMITED 6.0 uses mono-crystalline silicon cells, similar to those you may find on a house. UNLIMITED 3.0 used multi-junction solar cell technology used in spacecraft such as the Hubble Space Telescope and International Space Station. Solar racing is the only terrestrial vehicle use of these cells.
- Our cars use an equal amount of power in idle as your smart phone.
- Our cars have reached a top speed of 129km/h.
- UNLIMITED 3.0 was the lightest solar car ever to race in the history of the Bridgestone World Solar Challenge.
- UNLIMITED 6.0 features a 100% carbon fibre chassis, made completely in house.

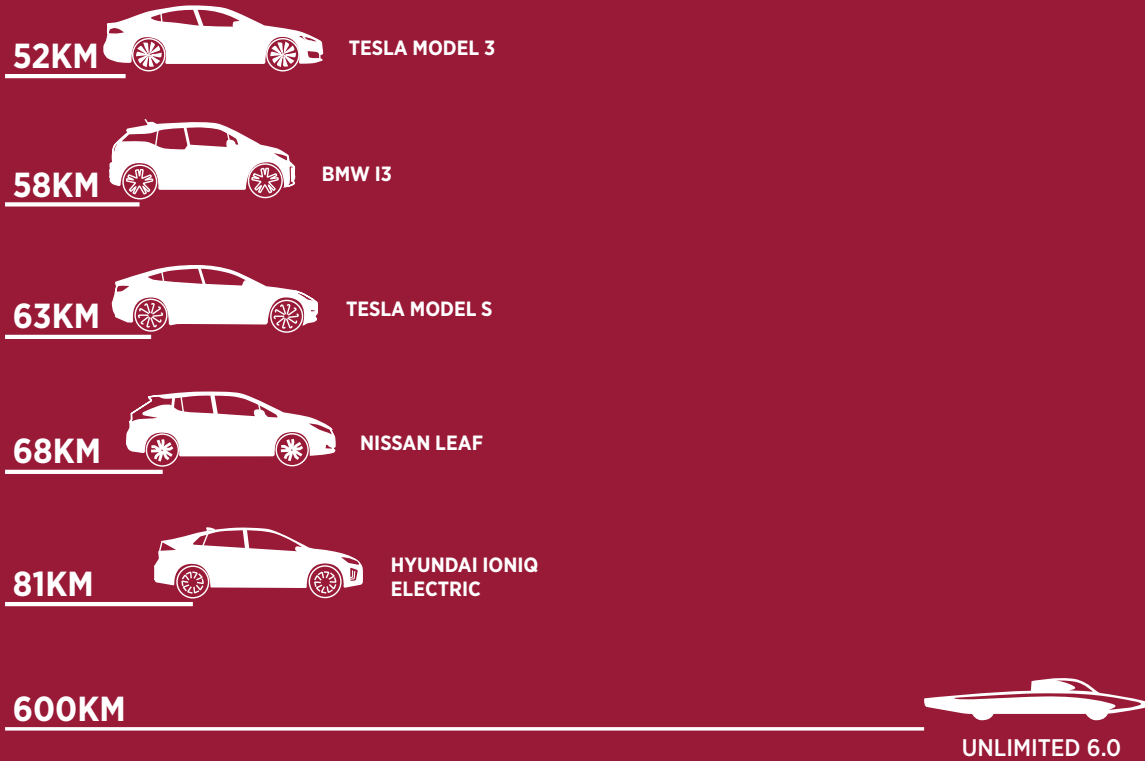


Unlimited 3.0 is the lightest solar car ever raced in the history of the Bridgestone World Solar Challenge.

Distance travelled on 5kWh

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Electric vehicles comparison



10 Youth Engagement

Gearing up the leaders of tomorrow.

One of the most important parts of our mission, held close to our hearts, is engaging young people with the powerful message of sustainability and problem solving.

It is critical to our future that the leaders of tomorrow are aware of the environmental challenges we face, and are fully invested in solving them.

This is why we do what we do: we visit dozens of schools, inspiring thousands of students every year to make a difference.

Our team members recognise the impact that participating in a solution for the future can have on young minds, and the joy we can create when we work with primary and secondary students.



Student engagement with UNLIMITED 2.0 at Total Field Days, 2022

Join us in the future of mobility.

As we hurtle towards our future, 3,022km at a time.

Working together, the breakthroughs we make today can become the global paradigms of tomorrow, where one watt saved becomes millions.

We would love to have you along for the ride.



2025 BWSC team on a salt lake in Western Australia.

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Sponsorship benefits

We aim to win the 2025 Bridgestone World Solar Challenge. We seek multi-year sponsorships, allowing the team to pursue its goals for years to come.

A package will be tailored for each sponsor to ensure maximum value and customisation for your target audience.

The following sponsorship benefits are a sample of (but not limited to) what we have to offer. A selection can be combined for your individual sponsorship package, to suit your needs.

- Logo on:
 - Race Car
 - Uniform
 - Our website, with links to your site.
 - Trailer.
 - Driver suit.
 - Driver helmet.
- Access to Race Car for promotional displays.
- Poster of Race Car.
- Framed photo of Race Car.
- Invitation to Western Sydney Solar Team events.
- Social media mentions.
- Explicit mention in media opportunities.
- Access to photo archives for marketing use.
- Promotion of your business at our events (such as your QR code at our events).



Sponsorship levels

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We can tailor a package at various levels, to suit your budget requirements.



Gigawatt

Over \$250,000



Megawatt

\$100,000 - \$250,000



Kilowatt

\$50,000 - \$100,000



Watt

Under \$50,000



Product or service sponsor

In kind supply of product or services.

This proposal is an opportunity to form a mutually beneficial partnership between you as our sponsor and Western Sydney Solar Team. It is a flexible proposition in that we are open to any variation or requests for different ways it can be tailored to best meet your goals and add value to your company.



WESTERN SYDNEY UNIVERSITY



Engineering, Design and
Built Environment

We have achieved success
with support from our
diverse network of partners
from local, business, and
government sectors.

We believe that together,
we can drive towards a
sustainable future.



JOIN OUR PARTNERS



ABERGELDIE
COMPLEX INFRASTRUCTURE



REVOLUTION

BRIDGESTONE



SUNPOWER
FROM MAXEON SOLAR TECHNOLOGIES

**SYDNEY
COMPOSITES**

Gurit



ANSYS

clickmedia
digital printers



OSW



weatherzone



**TAFE
NSW**



Thank you

Precision engineered by the Western Sydney Solar Team.

Our work on the team is driven by passion, commitment, and an innovation mindset. From our team to yours, we thank you for your consideration and support.



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EAT



SLEEP



SOLAR CAR



REPEAT