

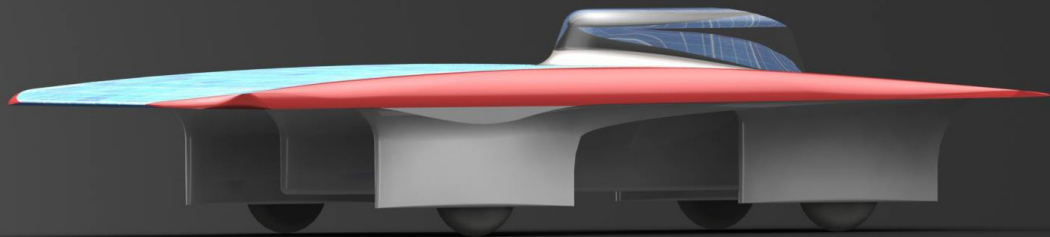
## THE BRIDGESTONE WORLD SOLAR CHALLENGE



The biennial World Solar Challenge (WSC) is regarded as one of the world's most prestigious solar racing competitions, and with good reason. Teams must design and construct cars with the aim of completing the race with the highest average speed, using sunlight and recovered kinetic energy as their only sources of fuel. The route extends for a grueling 3000km from Darwin to Adelaide, through some of the Australian Outback's harshest environments.

The race attracts competitors from over 26 nations, ranging from universities through to technical institutes and private enterprises and including such prestigious institutions as Stanford, MIT and Cambridge. This high calibre of competition helps to attract significant global media attention to the WSC.

But the WSC is also so much more than just a race. It is an exhibition of sustainability-driven innovation, where cutting-edge solar technologies are on display for all to see. In fact, average speeds of up to 100km/h have been maintained for the duration of the entire race, in some cases using less energy than your coffee maker!



### ABOUT THE CAR

Our solar car will embody the innovative spirit that we strive to achieve at Sol Invictus. In line with our vision of a car befitting the title of Unconquered Sun, our goal at the 2017 World Solar Challenge is to ensure that we overcome all obstacles and successfully complete the race. However, a solar vehicle is a highly complex technical system that is extremely difficult to build.

At Sol Invictus, we will rely on the strengths of our interdisciplinary systems approach in encouraging collaboration and communication to ensure successful project completion. The core subsystems of interest within the vehicle, along with major subsystem elements, are as follows:

#### ELECTRICAL

Solar Panels  
Batteries  
Motor

#### MECHANICAL

Car Body  
Suspension  
Tyres  
Paint  
Ventilation

#### CONTROL SUBSYSTEMS

Steering assistance  
Cruise control  
Telemetry

#### RACE STRATEGY

Racing tactics  
Vehicle energy management  
Race support crew

### ABOUT THE TEAM

**Sol Invictus** (Latin for Unconquered Sun) is the Australian National University's (ANU) solar racing collective. We are a non-profit organisation operated by a group of dynamic, highly motivated students from a diverse range of backgrounds working in interdisciplinary teams to compete in the 2017 World Solar Challenge and beyond.

Our technical, business and administrative teams are built to innovate, synthesising a highly diverse range of backgrounds ranging from engineering and science through to commerce, law and arts.



### CHANGING THE STATUS QUO

2017 will be a year of significant change for the World Solar Challenge.

New race regulations will be brought in for the first time since 2007.

This means a level playing field for 2017. All teams will have to design new vehicles to remain eligible under the new regulations, making 2017 an ideal year for new competitors. It also means 2017 is an excellent opportunity to develop truly innovative designs as the status quo for optimal designs changes with new regulations.

Sol Invictus will take full advantage of this opportunity by using a distinct systems approach that will prevent us from filtering design options until each option has been properly assessed. This systems approach will also integrate seamlessly with our commitment to maximising creativity and encouraging peer review through a strong focus on interdisciplinary collaboration.

## SPONSORSHIP BENEFITS

	\$5K	\$10K	\$30K	\$50K+
Green Company Image				
Local/National/International Exposure				
Collaboration with a world-leading university				
Team Merchandise				
Invitations to attend all major team events				
Logo displayed on website				
Company name and logo on EV				
Invitations to attend all team and networking events				
Access to team for promotional purposes				
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Company name and logo displayed on EV, trailer and selected promotional material.				
Opportunity to network with students in various disciplines at ANU				
Brief summary of company on team website and social media				
Company promotion during team events				
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Company name and logo displayed on trailer, team apparel, website and selected promotional material.				
In depth company profile on team website and social media				
Promotion during all media releases, public appearances and team events				
Access to the EV for promotional purposes				
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Large priority placement of company name and logo on the EV				
Access and contribution during the conceptual design and building phases of the project.				
Full coverage of company on team website and social media				
Invitation extended to accompany Sol Invictus to the World Solar Challenge.				

### CONTACT

Ed Muthiah  
 Sol Invictus Business Manager  
 0487000509  
 ed.muthiah@anu.edu.au  
 solinvictus.anu.edu.au

