

BADGERLOOP

Sponsorship Packet
Solar Car I



Meet Our Team

Badgerloop is an extra-curricular STEM education organization from the University of Wisconsin - Madison that competes in the Formula Sun Grand Prix and American Solar Challenge Competitions. These competitions consist of designing and fabricating a fully functioning solar car in a cross-country time and distance rally event. Our members gain hands-on experience and participate in a unparalleled learning opportunity by applying what they learn in their coursework to the competition. Previously, Badgerloop competed in the SpaceX Hyperloop Competition, where our organization won multiple awards for innovation and overall engineering design. In addition to taking an education-oriented approach to the competition, Badgerloop also provides community engagement and involvement through educational outreach, social media interaction, and vehicle reveal events.



Competition History

POD I

- Fall 2015 - January 2017
- Magnetic levitation and propulsion via Halbach wheels
- Electric drum brakes with racing tires
- SpaceX Innovation Award winner



POD II

- January 2017 - August 2017
- Cold gas thruster propulsion system
- Pneumatically actuated braking
- SpaceX Innovation Award winner



POD III

- September 2017 - July 2018
- Electric motor and timing belt propulsion system
- Compact stability system
- Chosen to present at competition



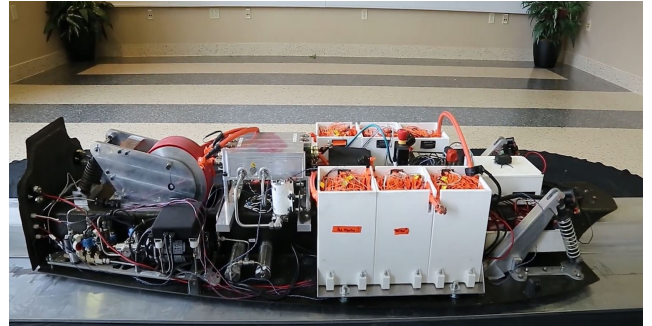
POD IV

- September 2018 - July 2019
- Direct drive propulsion system with in-hub motor
- Simple, optimized chassis and shell
- Chosen to present at competition



POD V

- **Fall 2019 - Spring 2021**
- **Direct drive propulsion system with in-hub motor**
- **Eliminated atmospheric pressure vessel**
- **Electrical architecture upgrade**
- **New 2.4kWh battery pack**
- **Integrated PCB for high voltage precharge and control**
- **Central avionics PCB for majority of pod functions**
- **Distributed braking PCB's with serial communication for simplified harnessing**



Sponsorship Tiers

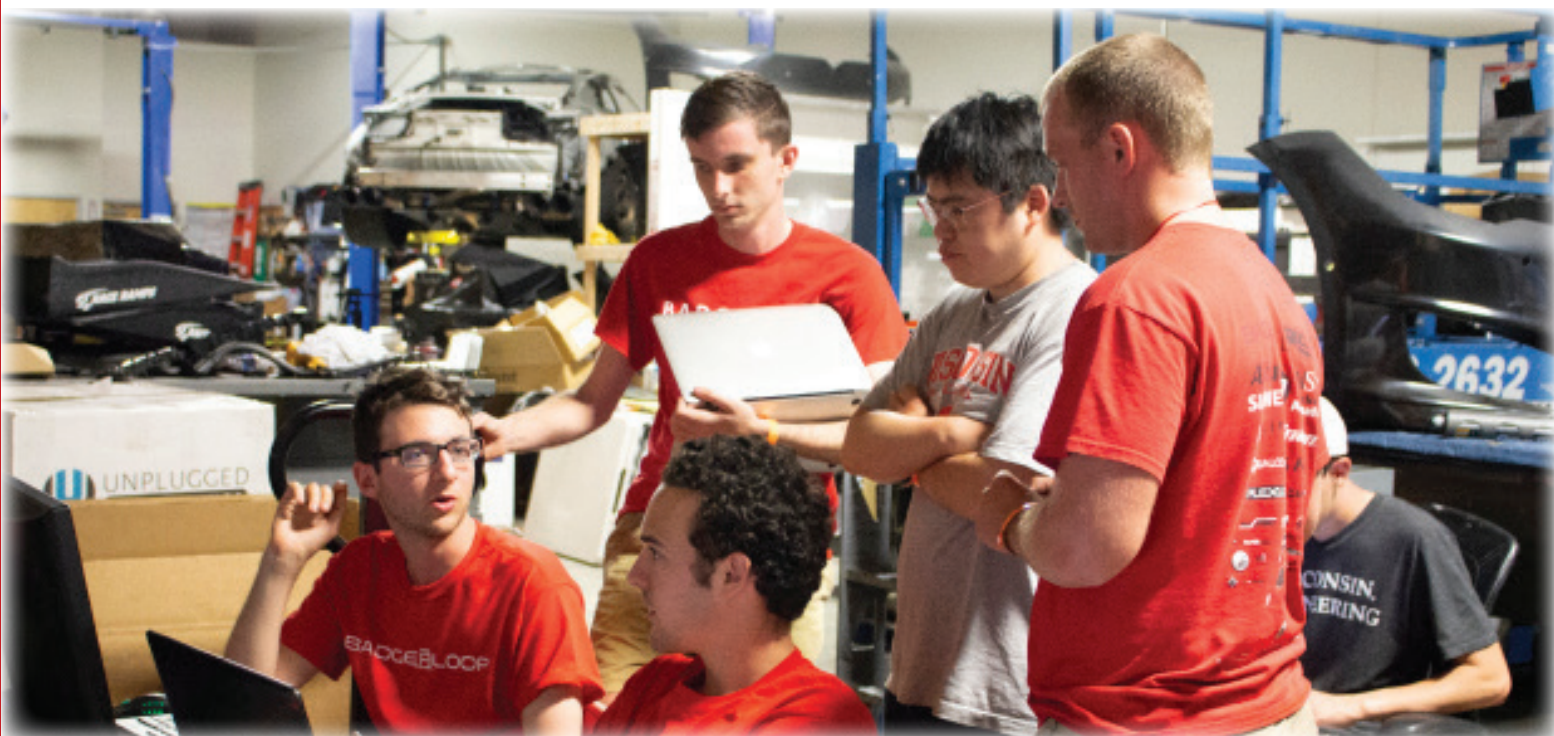
Badgerloop relies on partnerships with generous sponsors to help meet the financial and material costs of building and design.

We would love to partner with you for our first Solar Car Competition!

PARTNER BENEFITS	Gold \$20,000	Silver \$10,000	Bronze \$2,500
Sponsor logo on pod	LARGEST LOGO	LARGE LOGO	SMALL LOGO
Company showcase of finished car *	●		
Exclusive recruiting event with Badgerloop members	●	●	
Design Review Day	●	●	
Resume Packet of all Badgerloop members	●	●	●
Monthly Newsletter	●	●	●
Reveal Event invitation	●	●	●
Social Media Shout out (with pictures)	●	●	●

*The sponsor will be responsible for the transportation costs of the pod to and from the showcase site

Note: These tiers are strictly for monetary benefits. Any material or software donations made will be considered on a case-by-case basis for proper sponsorship tier.



Tax Exempt Donations

Badgerloop has partnered with the UW Foundation to help manage our incoming finances and allow donations to be tax exempt. Therefore, all donations made to Badgerloop via the following methods will be tax exempt.

CHECK

Checks should be payable to "UW Foundation," with "Badgerloop Fund" in the memo line. Please include a letter stating gift amount, intended purpose, and contact information.

UW Foundation C/o Brad Green
1848 University Ave
Madison, WI 53726

ONLINE

Make a private donation online to Badgerloop by visiting the link below. Online giving is also tax-exempt.

<https://secure.supportuw.org/give/>

MATERIALS

Please contact Namish Kaistha (kaistha@wisc.edu) regarding material donations.

We would be more than happy to answer any questions or concerns you may have. Our team is extremely passionate about this project and we cannot wait to help build the future of high-speed transportation. We hope you will consider sponsoring our team to promote innovation, engineering, and education. More information about our team and the competition can be found on our website: <https://www.badgerloop.com/>.

Thank you for your time and consideration,



Eric Udlis
President



Namish Kaistha
Industry Relations Lead

