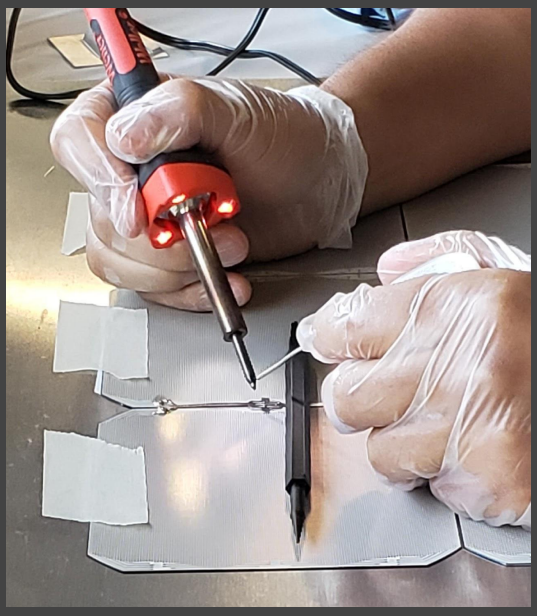
KU Solar Car

Sponsorship Package

2019-2021

Our Mission

“We build solar-powered vehicles to compete in races across the nation, advocate for sustainable technology, and promote learning and interdisciplinary cooperation for students throughout the university.“

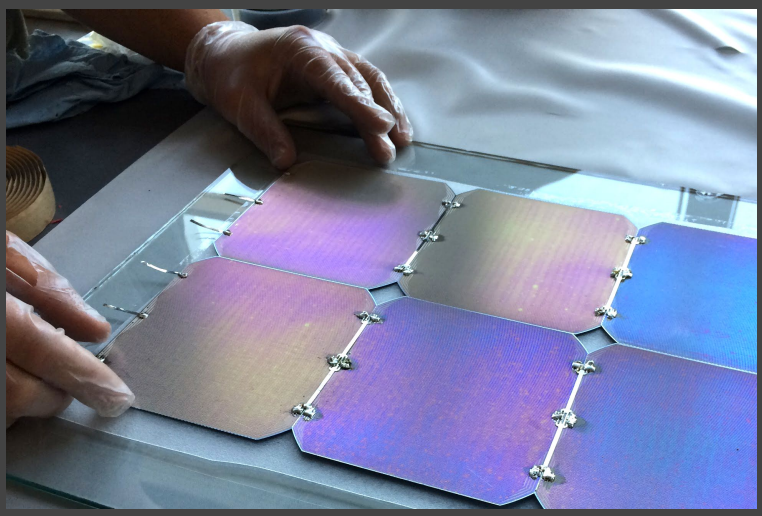


About Us

KU Solar Car is a student-led organization at the University of Kansas started in November 2017. Our goals are to develop solar-powered vehicles that raise awareness of clean energy, participate in international solar car competitions, and demonstrate technological efficiency paired with interdisciplinary cooperation. The team is currently working to develop KU’s first to-scale solar-powered electric vehicle. Our team is made up of students representing a diverse set of academic majors organized to facilitate individual growth in hands-on engineering, business development, and project management. The team would appreciate your support to not only develop well-rounded students, but also serve as educators on the value of clean technology at KU.

Why Sponsor?

Student Development: This organization provides practical and real world experience to students. Our members gain many skills such as teamwork, communication, and time management. These skills are applicable regardless of a student's future career path. Your sponsorship ensures that our members will continue to have this opportunity.



Sustainability: The solar car is the forefront of transportation with the use of sustainable energy. Supporting our organization is supporting the cause of green energy and sustainable vehicle technology.

Outreach: KU Solar Car regularly participates in community events such as EXPO and Spark to promote the cause of sustainability to our future generations. These events involve reaching out to local schools to educate students about the importance of sustainable energy.

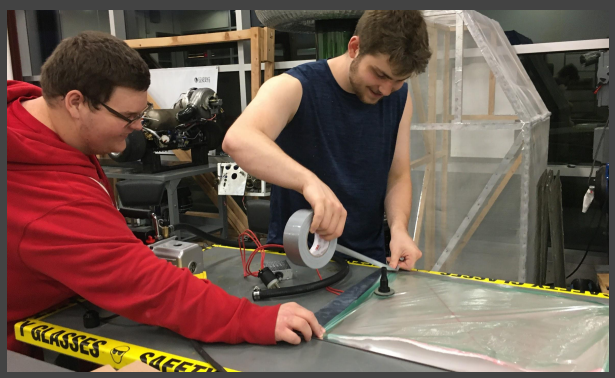
Subteams

Mechanical: The Mechanical subteam designs and builds the mechanical subsystems of the car. This includes the chassis, suspension, propulsion, aerodynamic shell, and controls. These subsystems are designed to ensure the safety of the driver and to maximize the efficiency of the vehicle.

Business: The Business subteam manages fundraising, sponsor relations, recruitment, race logistics, marketing, and community outreach. Business maintains the non-engineering aspects of our organization, which allows for the rest of the team to successfully build the vehicle.

Electrical: Where the Mechanical subteam sets the outer, physical workings of the Solar Car, it is up to the Electrical Sub-Team to set the inner workings of Battery Management, Data Acquisition, and Power Distribution. Currently, the Electrical Sub-Team is working on a battery pack to implement and ultimately operate the Solar Car.

Solar: The Solar subteam manufactures and develops the solar arrays that will be used to charge the vehicle. The solar subteam provides opportunities to learn about the design and manufacturing of energy generation systems using solar power.



Races in 2020

Our goal is to compete in the...

Formula Sun Grand Prix 2020

Our goal for 2020 is to race in the Formula Sun Grand Prix. Held at the Circuit of the Americas, a renowned Formula One race track in Austin, TX. The race includes universities' solar teams from across the country competing in a grand prix format, where the goal is to complete the most laps in three days. The race tests a car's durability and performance, and passing it earns the team a ticket to the 2020 American Solar Challenge (ASC). Route: Formula One – Heartland Motorsports Park.

American Solar Challenge 2020

An event occurring in only even numbered years, the American Solar Challenge (ASC), covers a different route each time. Routes from the past have included Ohio to South Dakota, Texas to Minnesota, and Chicago to Los Angeles. Its goal is to give teams a look into the country and the public a close-up view of futuristic alternative modes of transportation. Our goal is to pass scrutineering and compete in the race. Route: TBD

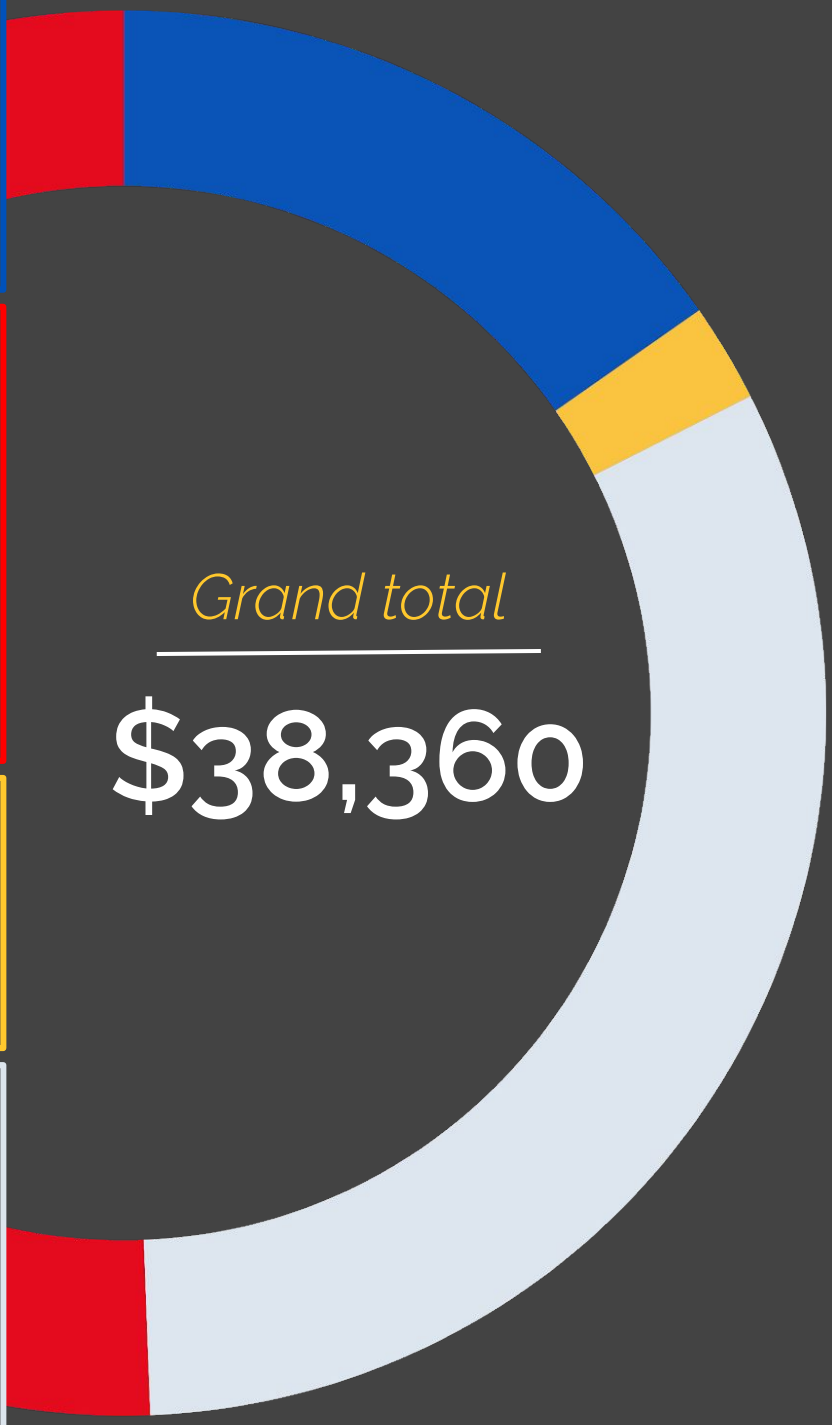
Budget 2020-2021

Business	
Race Logistics	$6,750
Marketing	$150
Business Total	**$6,900**

Mechanical	
Suspension	$6,675
Body	$6,350
Controls	$2,250
Mechanical Total	**$15,275**

Solar	
Array	$1,300
Solar Total	**$1,300**

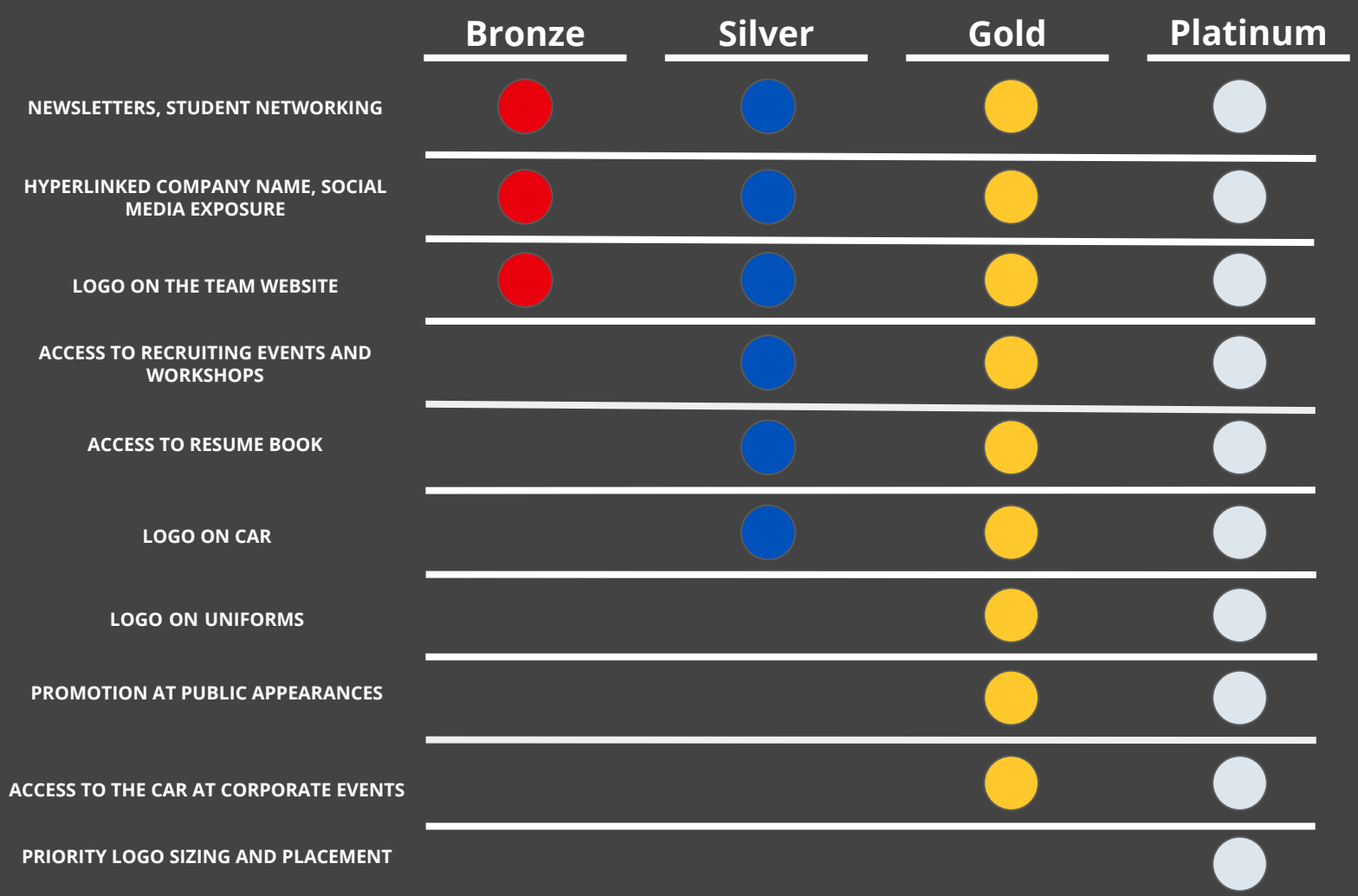
Electrical	
Power	$13,885
Software	$800
Electrical Total	**$14,685**



Sponsorship Levels

All partners receive media coverage as we cross the country for races and attend public events. However, as space is limited, the location and size of the corporate logos on our car and website are determined by the size of the gift. All Sponsorship logos last the duration of the current car in production. Donations can be monetary or specific components to help build the car.

Sponsorship Benefits



Current Sponsors

Platinum

KU SCHOOL OF ENGINEERING
The University of Kansas

STUDENT SENATE

PEASLEE TECH

ESC ENGINEERING STUDENT COUNCIL UNIVERSITY OF KANSAS

Gold

SPEAR POWER SYSTEMS

Silver

SOLIDWORKS

IFT

HEXCEL

evergy

ADVANTAGE METALS RECYCLING

The Peterson Family

Bronze

Engineered Materials Solutions
Wickeder Group

AIRTECH INTERNATIONAL INC.
Vacuum Bagging & Composite Tooling Materials

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