



UBC
SUPERMILEAGE

2025/2026 Sponsorship Package

Our Team

70 Students | (Gasoline Prototype Vehicle) | 1st Place in Efficiency (2023 CSQ)

UBC Supermileage is a team of interdisciplinary students committed to using and enriching our educational experience to tackle the enduring challenges we face in the pursuit of efficiency.

We design and build three energy efficient vehicles to compete in the Shell Eco-marathon (SEM) in Indianapolis. Throughout this process, our dedicated members are educated in real-world technical design, as well as honing collaboration and project management skills.



Our Cars

Urban Concept Vehicle

The Urban Concept EV is designed to mimic the form and function of an everyday commuter vehicle, while still maximising fuel efficiency. With the future of the automotive industry dramatically shifting toward zero-emission vehicles, we converted our gasoline internal combustion engine Urban Concept to use a battery-electric propulsion system.



Our Cars

Gasoline Prototype

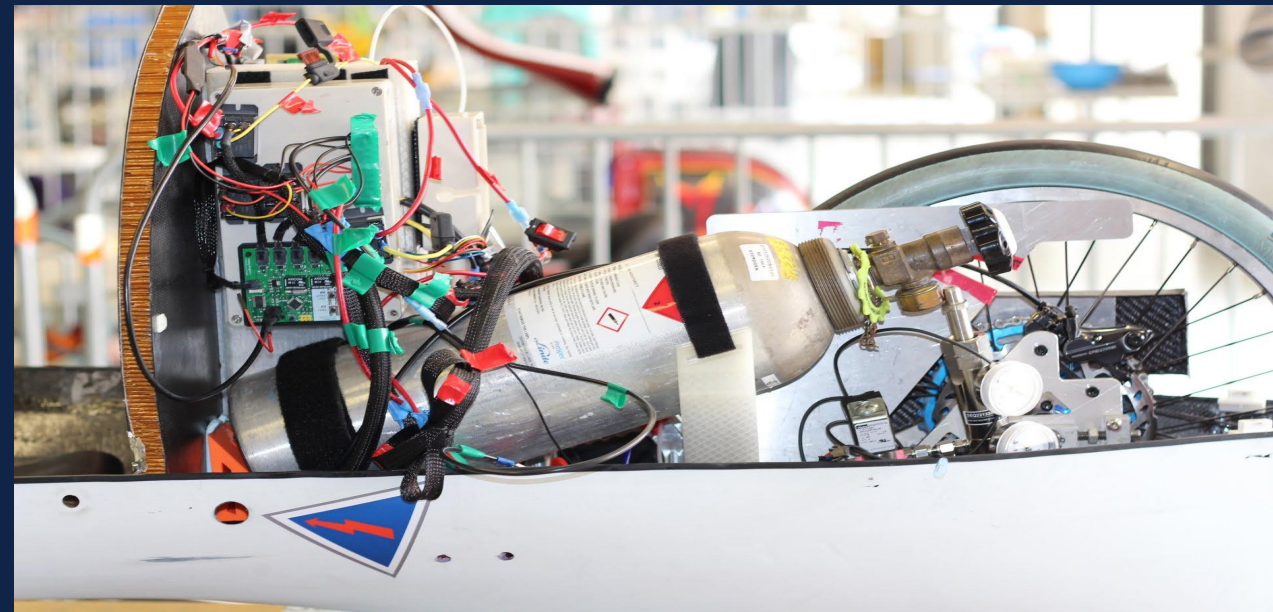
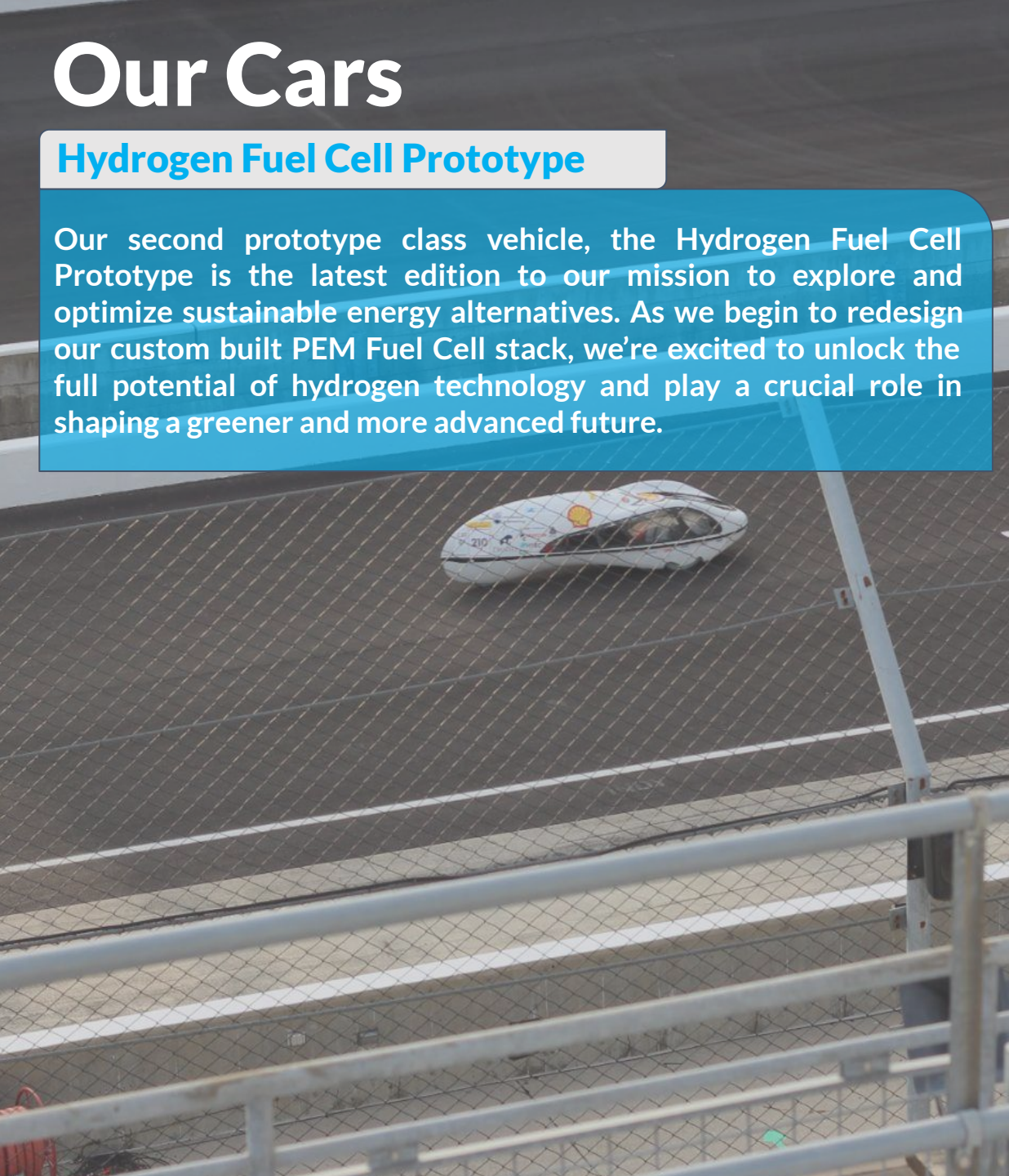
The prototype class of vehicle is designed to push the limits of fuel efficiency, beyond what a regular commuter car could ever achieve. The driver lies in a supine position to control three-wheeled vehicle. Our gasoline prototype vehicle has consistently achieved top performing efficiencies across all our competitions, with our current iteration reaching an efficiency of 2229 mpg.



Our Cars

Hydrogen Fuel Cell Prototype

Our second prototype class vehicle, the Hydrogen Fuel Cell Prototype is the latest edition to our mission to explore and optimize sustainable energy alternatives. As we begin to redesign our custom built PEM Fuel Cell stack, we're excited to unlock the full potential of hydrogen technology and play a crucial role in shaping a greener and more advanced future.



Our Plan

For the 2025-2026 season, each technical division has prioritized a variety of projects to continuously improve our design and technical performance.

Electrical

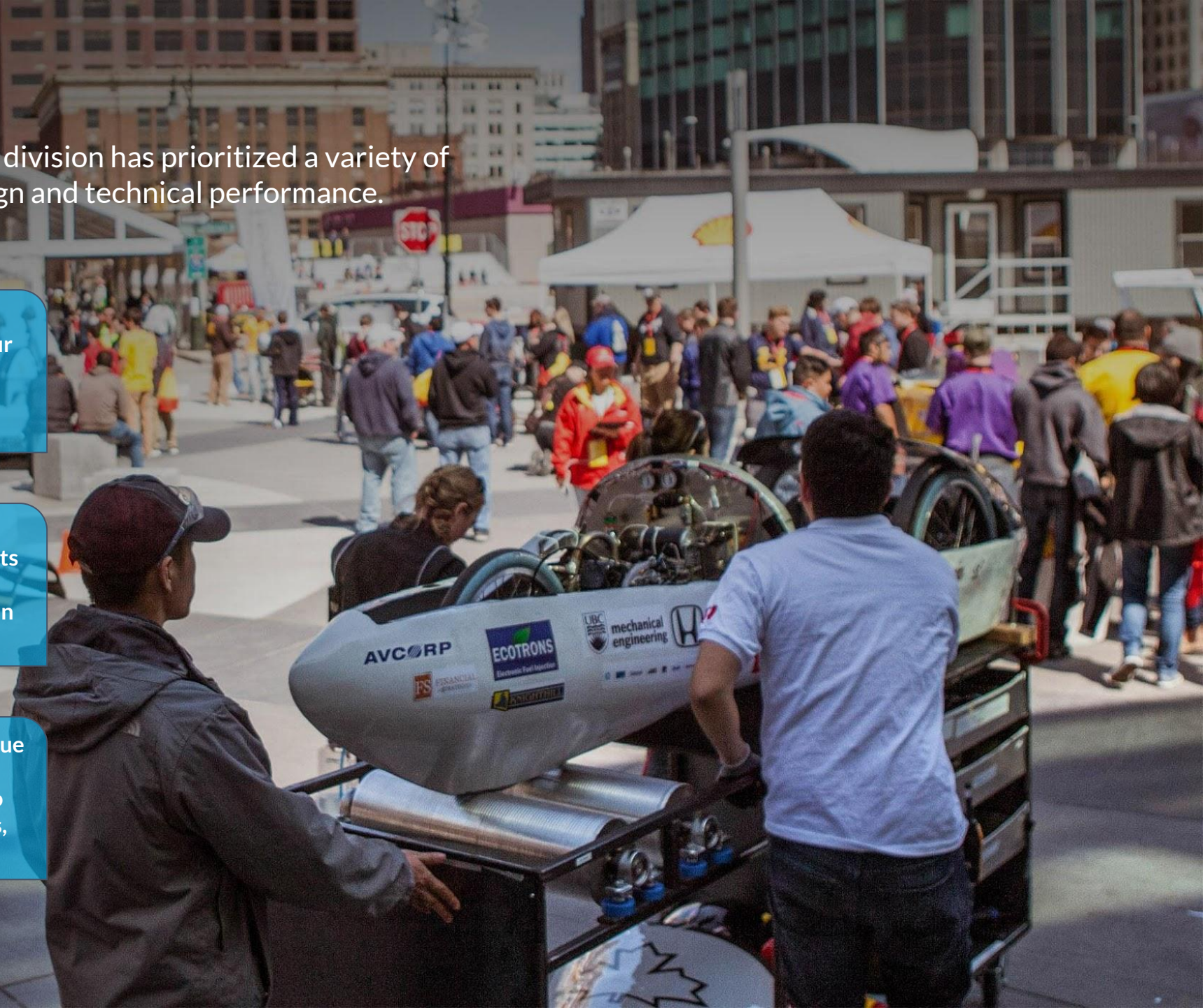
The Electrical division is focused on developing an in-house motor controller with customized PCBs for our Urban Concept EV. This division will also be designing control modules for our custom fuel cell, alongside the Powertrain division

Powertrain

The Powertrain division is working to redesign the custom PEM fuel cell stack with the goal of improving its efficiency and durability over a range operating conditions. This division is also investigating how we can optimise our engine tuning through a custom ECU.

Vehicle Mechanics

The Vehicle Mechanics division is designing a monocoque chassis for our fuel cell vehicle, which will be manufactured completely in-house. This division is also focusing on improving steering across all three vehicles, allowing for better driver input and control.



Our Commitment

Efficiency is at the core of our mission. We strive to make each form of energy we utilize in our vehicles as efficient as possible. Whether it's optimizing our electric battery charging and discharging capabilities, maximizing our gasoline engine fuel efficiency in endurance runs or improving the performance of our custom hydrogen fuel cell, we are constantly pushing the boundaries to achieve the highest level of efficiency in all our designs.

Our team is driven by the belief that a greener, cleaner future is not only possible but necessary. By pushing the boundaries in all three types of our vehicles, we aim to showcase the potential of sustainable energy alternatives and technical design. By training conscientious engineers, developing unique car prototypes, and striving for maximum efficiency, we are making significant strides in advancing sustainability in the automotive industry.



How You Can Help

UBC Supermileage pursues new and ambitious projects every year. With the support of our sponsors, we can continue to elevate our team to the next level. The four main ways you can contribute are:

Materials and Equipment

Hydrogen, metal stock, composite fabrics and consumables, sandwich cores (foams & honeycombs), connectors, tools, personal protective equipment, tape and adhesives and more.

Project Services

Component machining, PCB fabrication, mold production, and precision assembly processes.

Competition Logistics

Vehicle transport and shipping, flights, rental vehicles, and accommodation.

Monetary Donation

Capital to purchase the above listed items that are not available through in-kind sponsorships.



Sponsor Benefits

UBC SUPERMILEAGE	Select \$500-\$1499	Bronze \$1,500-\$2,999	Silver \$3,000-\$7,499	Gold \$7,500-\$14,999	Platinum \$15,000-\$19,999
Vehicle Logo Size ¹ (in ²)	Up to 10	Up to 20	Up to 30	Up to 40	Up to 50
Website Logo ²	✓	✓	✓	✓	✓
Social Media	—	Thank-you	Thank-you / Special Request ³	Thank-you / Special Request ³	Thank-you / Special Request ³
Workshop Tour	—	—	✓	✓	✓
Preferred Vehicle Logo Placement	—	—	—	✓	✓
Track Day Invitation	—	—	—	—	✓

We greatly appreciate the generosity of our sponsors and strive to make our relationships mutually beneficial. The table above outlines how we can use our 2000+ social media followers, community presence, and competition performance to represent your company.

1. Vehicle logos will be displayed at the next SEM competition following your contribution.
2. Website logos are renewed in the summer after the competition year, allowing your logo to be displayed for a full calendar year on our website.
3. Please contact us to discuss any unique promotional requests.

