

# SUPPORT THE RACE TOWARDS A SUSTAINABLE FUTURE



ÉCOLE DE  
TECHNOLOGIE  
SUPÉRIEURE  
Université du Québec





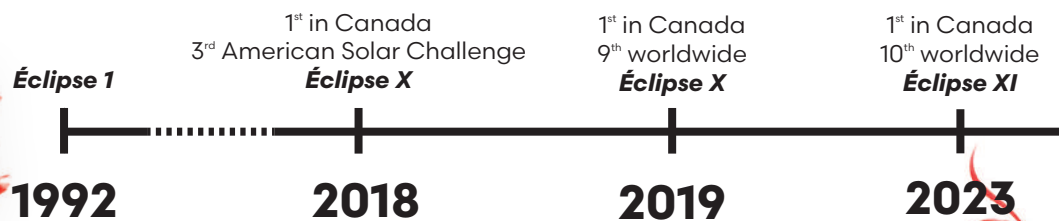
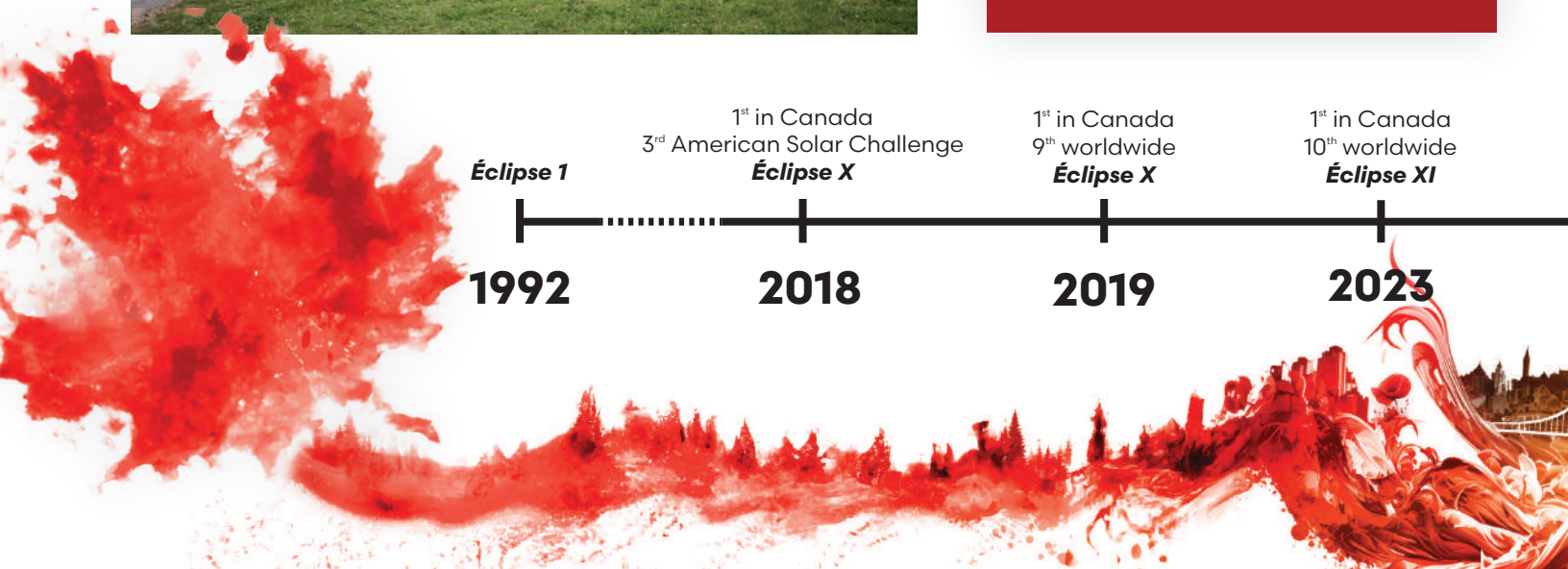
## THE TEAM

Creating a revolutionary solar car requires a team of engineering students with diverse talents. Together, we design a vehicle featuring an ultralight carbon fiber monocoque, a custom battery, highly efficient electrical circuits, and a genetic algorithm capable of adapting to unpredictable weather. This technological masterpiece, powered solely by the sun, can travel thousands of kilometers while meeting Quebec’s licensing standards.

Driven by our shared passion and the support of our valued partners, we are more than just a team—we are builders of a more sustainable future.



-  **120 km/h maximum speed**
-  **200 kg mass**
-  **5.3 kWh battery**
-  **Single occupant**
-  **4m<sup>2</sup> of solar pannels**
-  **Range** **350 km**  
without sun **∞ km**  
with sun





# INTERNATIONAL COMPETITIONS



Teams travel 3,200 km on open roads, often mountainous, across the United States, testing the performance of solar cars and energy strategies in real-world conditions.



**3200 km**

**NCM Motosports Park**

The **Formula Sun Grand Prix** is a closed-circuit race where teams aim to cover the greatest possible distance in 24 hours, spread over 3 days, using only solar energy.

**24h of racing**



**3000 km**



A legendary 3000 km race across the Australian desert. Teams face extreme conditions: strong winds, abrasive sand, and scorching temperatures. Renowned for its prestige, the competition brings together the world's best teams, determined to push the boundaries of solar energy.

1<sup>st</sup> Formula Sun Grand Prix  
2<sup>nd</sup> American Solar Challenge  
**Éclipse XI**

Fabrication & testing  
**Éclipse 12**

World Solar Challenge  
**Éclipse 12**

Formula Sun Grand Prix  
American Solar Challenge  
**Éclipse 12**

**2024**      **2025**      **2026**

# LET'S ILLUMINATE THE PATH TO A SUSTAINABLE FUTURE TOGETHER



ÉCLIPSE X at CES2024 at the Bridgestone booth



## VISIBILITY

Enjoy extensive visibility, reaching both our vast academic community and an international audience through our competitions and media presence, with an audience of over 3000 subscribers.

## INNOVATION

Partner with a cutting-edge project in renewable energies and get ahead in discussions on innovation and sustainability with a project that has been constantly evolving since 1992.

## SOCIAL IMPACT

By partnering with Eclipse, you directly contribute to innovative educational initiatives and the promotion of environmental sustainability, thereby strengthening your image as a socially responsible company committed to current ecological challenges.

## TALENT AND COLLABORATION

Partnering with us offers you the opportunity for mutually beneficial meetings and exchanges. By familiarizing ourselves with your products and services, you invest in your future ambassadors.



YOUR PRESENCE *	PRODUCTION 20 000\$ +	PLATINUM 10 000\$ +	GOLD 4 500\$ +	SILVER 1 500\$ +	BRONZE up to 1 500\$
in our newsletter	☑	☑	☑	☑	☑
on our website	☑	☑	☑	☑	☑
invitation to our events	☑	☑	☑	☑	☑
on our uniforms	☑	☑	☑	☑	
on our social medias	☑ Single post	☑ Single post	☑ Single post	☑ Grouped post	
on Eclipse the solar car	☑ Big logo	☑ Medium logo	☑ Small logo		

\* WE VALUE ALL CONTRIBUTIONS AND ARE FLEXIBLE IN RECOGNIZING EACH DONATION ACCORDING TO ITS UNIQUE VALUE TO OUR PROJECT. OUR PARTNERSHIP LEVELS ARE ADAPTABLE TO ENSURE FAIR AND EQUITABLE RECOGNITION.