



ÉCOLE DE  
TECHNOLOGIE  
SUPÉRIEURE  
Université du Québec



# Partnership 2026-2027



## Our History

Since its **creation in 2003**, QUIETS has made it its mission to design more environmentally friendly snowmobiles by repurposing existing components in order to provide accessible, quickly achievable solutions.

This year, we are reaching a major milestone for the future: we are perfecting **the world's first hybrid snowmobile**.



## Team 2026-2027

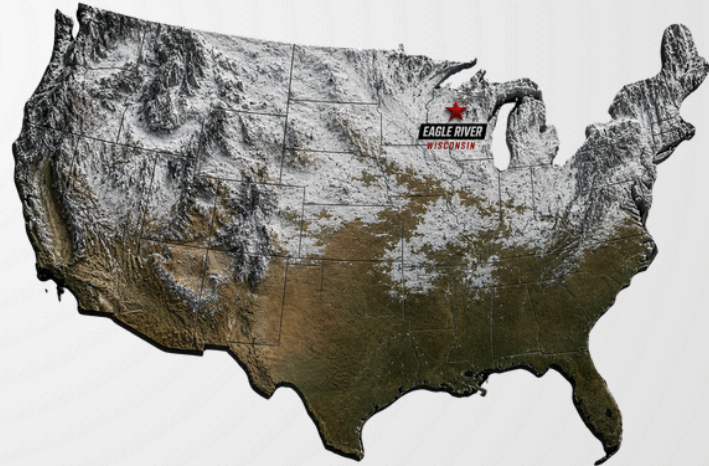
Behind the world's first hybrid snowmobile is **a team of 14 passionate students** from various engineering programs.

Together, we combine our expertise to turn an ambitious vision into reality.

## Advanced Snowmobile

The Advanced Snowmobile Competition is **the largest university competition in snowmobile innovation**. Every year, the best North American universities push the limits of performance, electrification, and off-road technologies.

**ÉTS is proud to be the only Canadian university participating** in the development of the world's first hybrid snowmobile, showcasing Quebec innovation on the international stage.



## More Victories!



### Gasoline

- **1st place** - Best acceleration
- **1st place** - Best fuel economy
- **1st place** - Best industry impact



### Gasoline

- **3rd place** - Industrial impact
- **3rd place** - Acceleration



### Hybrid

- **1st place** - Innovation of the Year
- **1st place** - Noise reduction
- **Lowest CO<sub>2</sub> emissions**

# Objectifs Techniques-Saison 2026-2027

The development of our hybrid snowmobile is guided by ambitious technical objectives aimed at redefining performance and durability.



## Weight Reduction (-20%)

Improve handling and energy efficiency.



## Mass Distribution

Optimize vehicle balance.



## Advanced Thermal Management

Ensure battery performance in extreme conditions.



## Compact Battery (-50%)

Reduce the size of the battery pack.



## Energy Regeneration

Maximize energy recovery for extended range.



## Real-Time Monitoring

Remote tracking of performance and critical data.



## FINAL OBJECTIVE

Make hybridization accessible to all snowmobiles through a plug-and-play system.



Maximum speed  
120 km/h



Fuel consumption  
5.4 l / 100km



Capacity  
6.7 kWh



Power  
320 HP



Range  
800 km



## Financial Needs

**Funding supports the development**, optimization, and visibility of the hybrid snowmobile project. It enables the club to:

- **improve** the hybrid prototype;
- acquire mechanical and electronic components;
- purchase personal protective equipment;
- **perform instrumentation**, testing, and performance validation;
- **optimize** energy systems and thermal management;
- **coordinate transportation, logistics, and participation** in the Advanced Snowmobile competition;
- **promote the project's visibility**, communication, and recognition among private and governmental organizations.



# Strategic Partnership with QUIETS

Becoming a partner of QUIETS means joining an innovative and sustainable engineering project that is redefining the standards of hybrid snowmobiles.

**Your Organization Benefits From:**

- association with cutting-edge, eco-friendly technological innovation;
- visibility within an internationally recognized competition;
- exposure during the various activities organized by the club;
- the promotion of your expertise and ESG commitments;
- privileged access to a pool of highly qualified engineering talent;
- valuable content for your corporate communications.











**Our Commitment:**

- strict compliance with visibility agreements;
- transparent and professional communication;
- active recognition of every contribution.



## Our Partnership Packages

Contributions may be financial or provided in the form of goods and services. The partnership value is determined based on the financial contribution or the equivalent market value of the resources and expertise provided.

VISIBILITY /  <b>BENEFITS</b>	 <b>BRONZE</b>	 <b>SILVER</b>	 <b>GOLD</b>	 <b>DIAMOND</b>
	\$250 - \$999	\$1000 - \$2499	\$2500 - \$4999	\$5000+
 LOGO ON OUR WEBSITE	✓	✓	✓	✓
 ACKNOWLEDGMENT ON SOCIAL MEDIA	✓	✓	✓	✓
 ON THE COMPETITION BANNER	✓	✓	✓	✓
 INVITATION TO PARTNER EVENT	✓	✓	✓	✓
 LOGO ON CLUB APPAREL	—	✓	✓	✓
 LOGO ON SNOWMOBILE (4 in <sup>2</sup> )	—	—	✓	✓
 LOGO ON SNOWMOBILE (12 in <sup>2</sup> )	—	—	—	✓

## Our Current Partners



## Contact Us to Learn More!



[quiets.etsmtl.ca](http://quiets.etsmtl.ca)



[www.etsmtl.ca/clubs/quiets](http://www.etsmtl.ca/clubs/quiets)



[quiets-motoneige-hybride](https://www.linkedin.com/company/quiets-motoneige-hybride)



[ETSQuiets](https://www.facebook.com/ETSQuiets)



[clubquiets](https://www.instagram.com/clubquiets)



[quiets@ens.etsmtl.ca](mailto:quiets@ens.etsmtl.ca)