



COMETS
MOTO ELECTRIQUE

LA COURSE DE DEMAIN

**INTRODUCTION
AND PARTNERSHIP PLAN**

2024-2025



École de Technologie Supérieure
1100, Notre-Dame Ouest, Montréal,
QC H3C 1K3, Canada

OUR TEAM



Samuel Lagassé
Captain
Mechanical engineering

We are more than just a student club: we are a dedicated team reinventing the future of electric transportation. Our ambition is to bring a youthful, performance-oriented vision to the sector, while highlighting innovative and environmentally friendly technical solutions.

Our commitment: inspire, design, and perform. Through our passion for engineering and motorcycles, we actively contribute to innovation in electric mobility while training the talents of tomorrow.



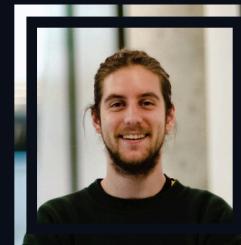
Stéphanie Zerbo
Treasurer
Construction engineering



Justin Laroche
Founder
Mechanical engineering



Felix Monast
Co-captain
Mechanical engineering



Lucas Gervais
Co-dir. mechanic
Mechanical engineering



Gabriel Look
Dir. software
Software engineering



William Ahern
Co-dir. electric
Automated production engineering



Justin Ricard
Co-dir. mechanic
Mechanical engineering



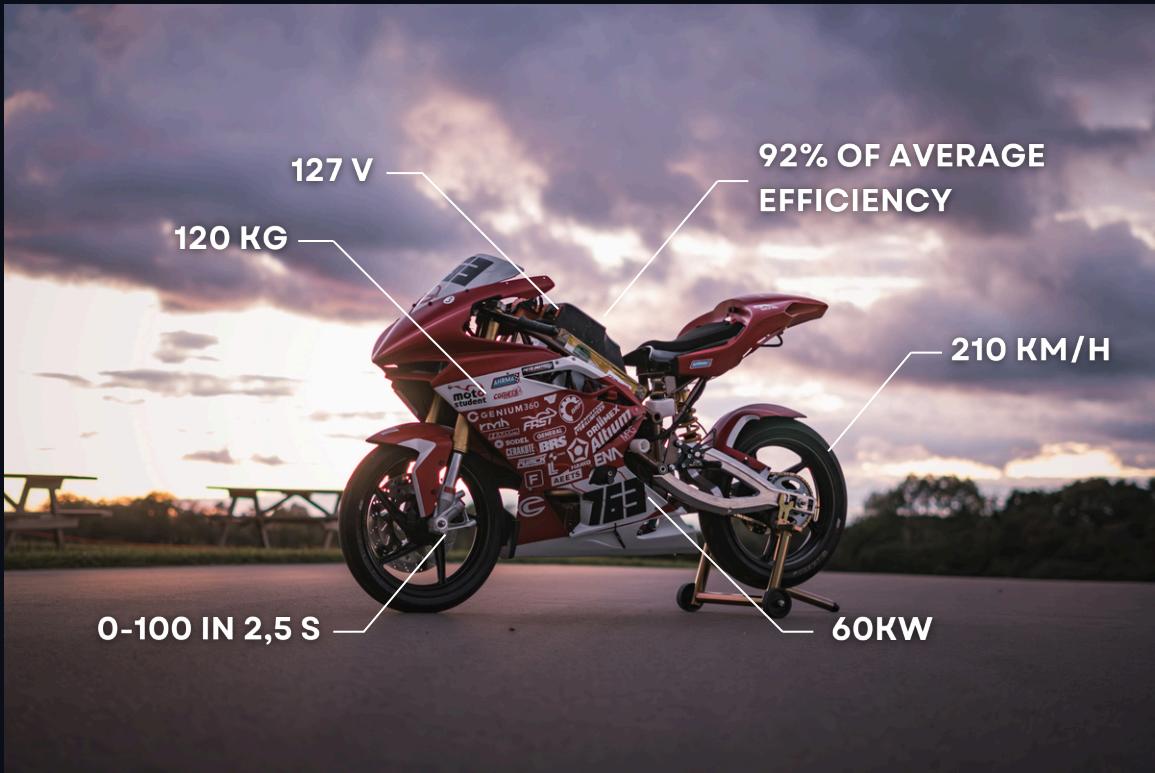
Alexis Philippe
Dir. medias and communication
Mechanical engineering



Alexandre Côté
Co-dir. electric
Electric engineering

AND MANY OTHERS, WE ARE A TEAM OF OVER THIRTY MEMBERS!

2025 OBJECTIVES



TECHNICAL IMPROVEMENTS

- REAL TIME DATA ACQUISITION -
- BATTERY MANAGEMENT OPTIMIZATION -
- FIELD WEAKENING -
- FRAME UNDER 9KG -
- HOME MADE CARBON FIBER FAIRINGS -
- LIGHTWEIGHT BRAKE SYSTEM -

OUR COMPETITION



MOTOSTUDENT VII
SPAIN, 2023



VARSITY CHALLENGE
USA, 2024

1948

COUNTRIES TEAMS

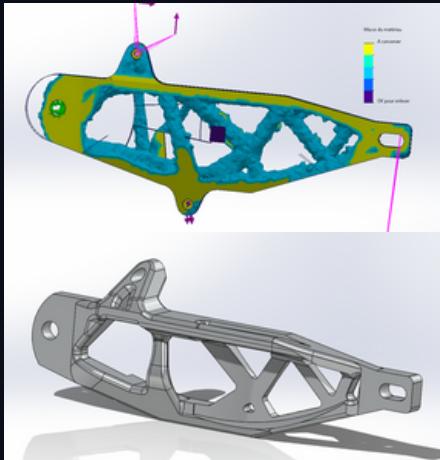
 electric
motostudent



2 COUNTRIES

FORMULA LIGHTNING
3RD POSITION

OUR PROCESS



The use of topological optimization and finite element analysis software forms the foundation of all our projects in the mechanical department.

This method allows us to reduce the weight of each component of the prototype and validate our safety factors, ensuring optimal performance.

We conduct thorough research to identify the highest-performing materials for our prototype. By exploring lightweight alloys and composites, we aim to balance lightness and rigidity.

This pursuit reflects our passion for innovation and our commitment to designing an electric motorcycle that advances material technology.



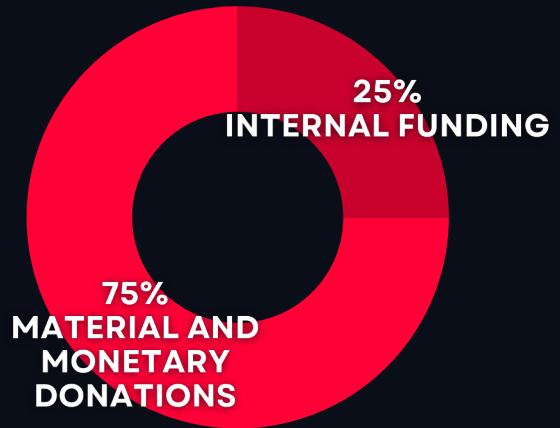
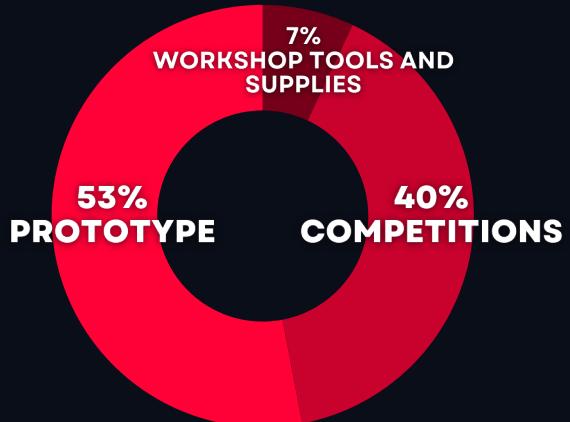
We are actively working to optimize the electronic systems and energy consumption of our motorcycle. By improving battery management and integrating smart sensors, we maximize efficiency while reducing losses.

Each improvement reflects our determination to push the boundaries of performance and sustainability.

TIMELINE



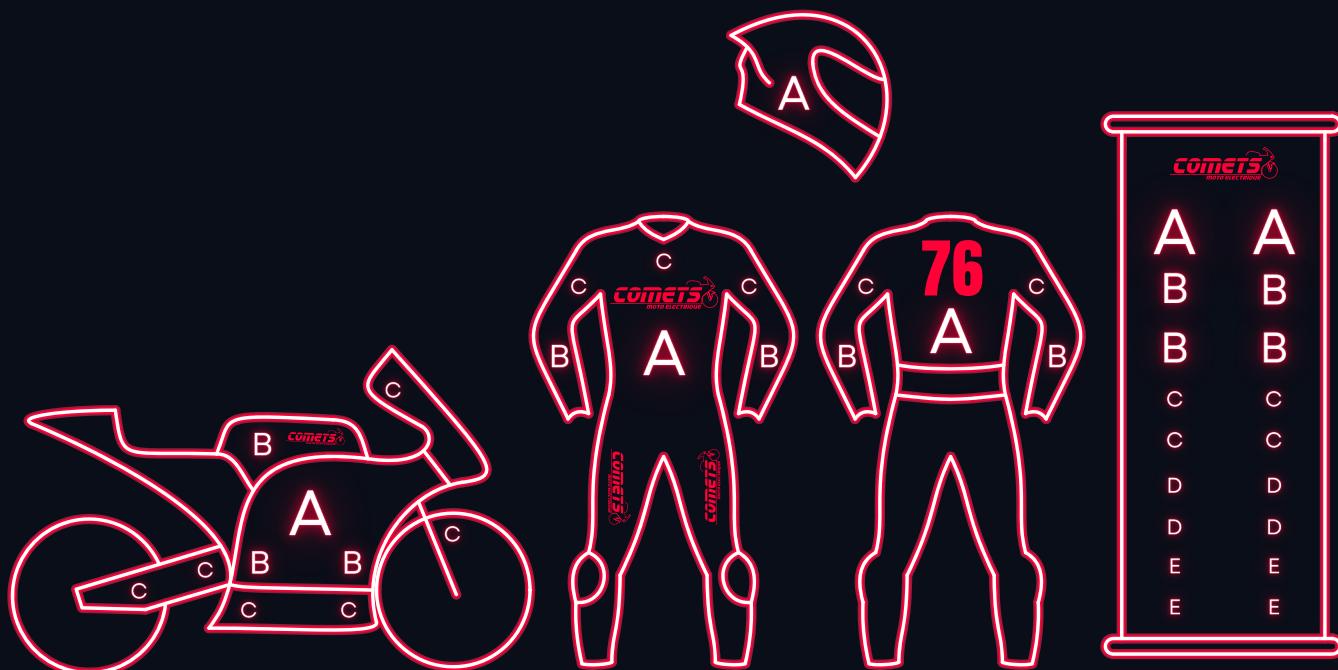
BUDGET



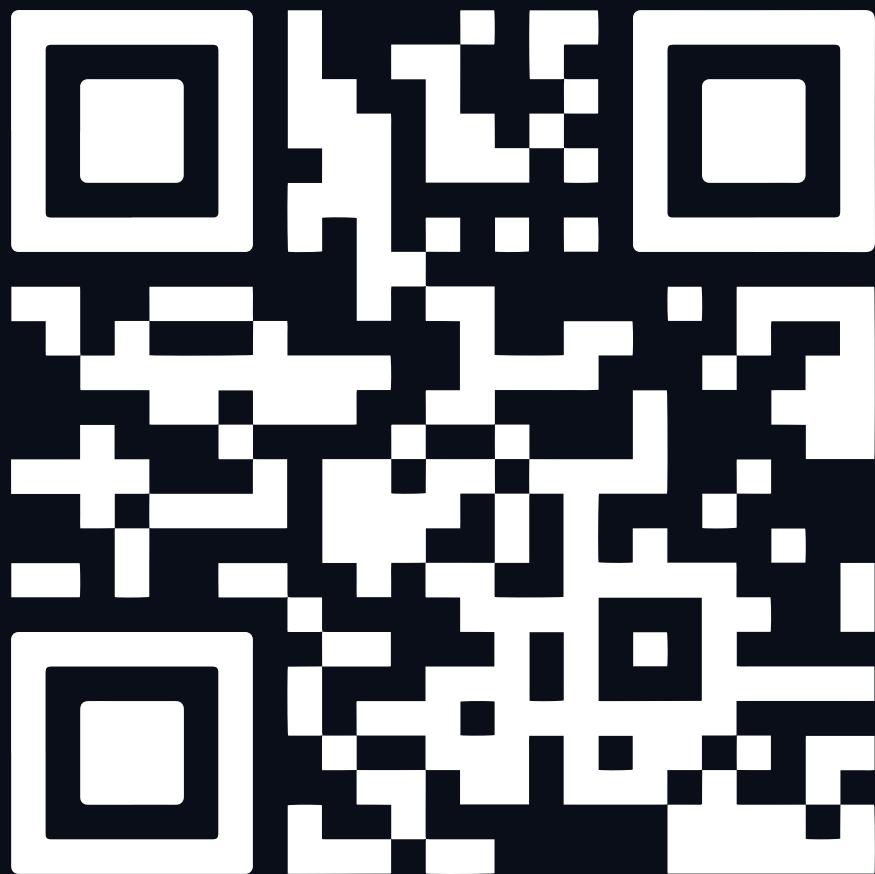
SPONSOR US

BENEFITS	LEGEND FROM \$7,500	CHAMPION FROM \$5,000	ACE FROM \$3,000	QUALIFIER FROM \$1,000	ROOKIE FROM \$500
HIGHLIGHT STORY  	✓	✓	✓	✓	✓
POST   	✓	✓	✓	X	X
VIDEO (REEL)   	3 X 60 SEC	1 X 30 SEC	X	X	X
LOGO ON THE PROTOTYPE	ZONE A	ZONE B	ZONE C	ZONE C ONE SIDE	X
LOGO ON THE RACING SUIT	ZONE A	ZONE B	ZONE C	X	X
LOGO ON TEAM T-SHIRTS	✓	✓	✓	✓	✓
LOGO ON BANNER	ZONE A	ZONE B	ZONE C	ZONE D	ZONE E
LOGO ON OUR WEBSITE	✓	✓	✓	✓	✓
TICKETS FOR OUR UNVEILING	4	4	2	2	NON INCLUDED

SPONSOR ZONES



JOIN US NOW AND MAKE A DIFFERENCE!



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