

OOOO



2024



SAE CLEAN  
SNOWMOBILE  
CHALLENGE.



# ***THE SUCCES TEAM***

The SUCCES Team (Sherbrooke University Clean Challenge Eco Snowmobile) is a major design project carried out by engineering students from the Université de Sherbrooke, commonly known as the final bachelor's degree project. This is a project that occupies the last two years of the engineering program.



SUCCES is made up of eight students with a passion for engineering and the environment who are committed to promoting a more sustainable and ecological future.

## GOALS



The SUCCES team aims to participate in the 2025 edition of the Clean Snowmobile Challenge competition

Clean Snowmobile Challenge is a college competition where teams of engineering students modify snowmobiles to reduce pollution, improve fuel efficiency and maintain performance. Students practice their academic knowledge by subjecting the snowmobiles to tests to assess these aspects. Our team will participate in the 2025 edition in the United States.

The competition welcomes around 20 teams each year. Our team would be the second Canadian team to participate.



# SPECIFICATIONS



## Minimum specifications to participate in the competition

- Have a "Trail Speed" of at least 45 MPH (comfortable)
- Have a minimum acceleration to enter the specification of 500 feet in 10 seconds.
- Have a fuel range of at least 100 miles (160 km)

## Our specifications against the competition

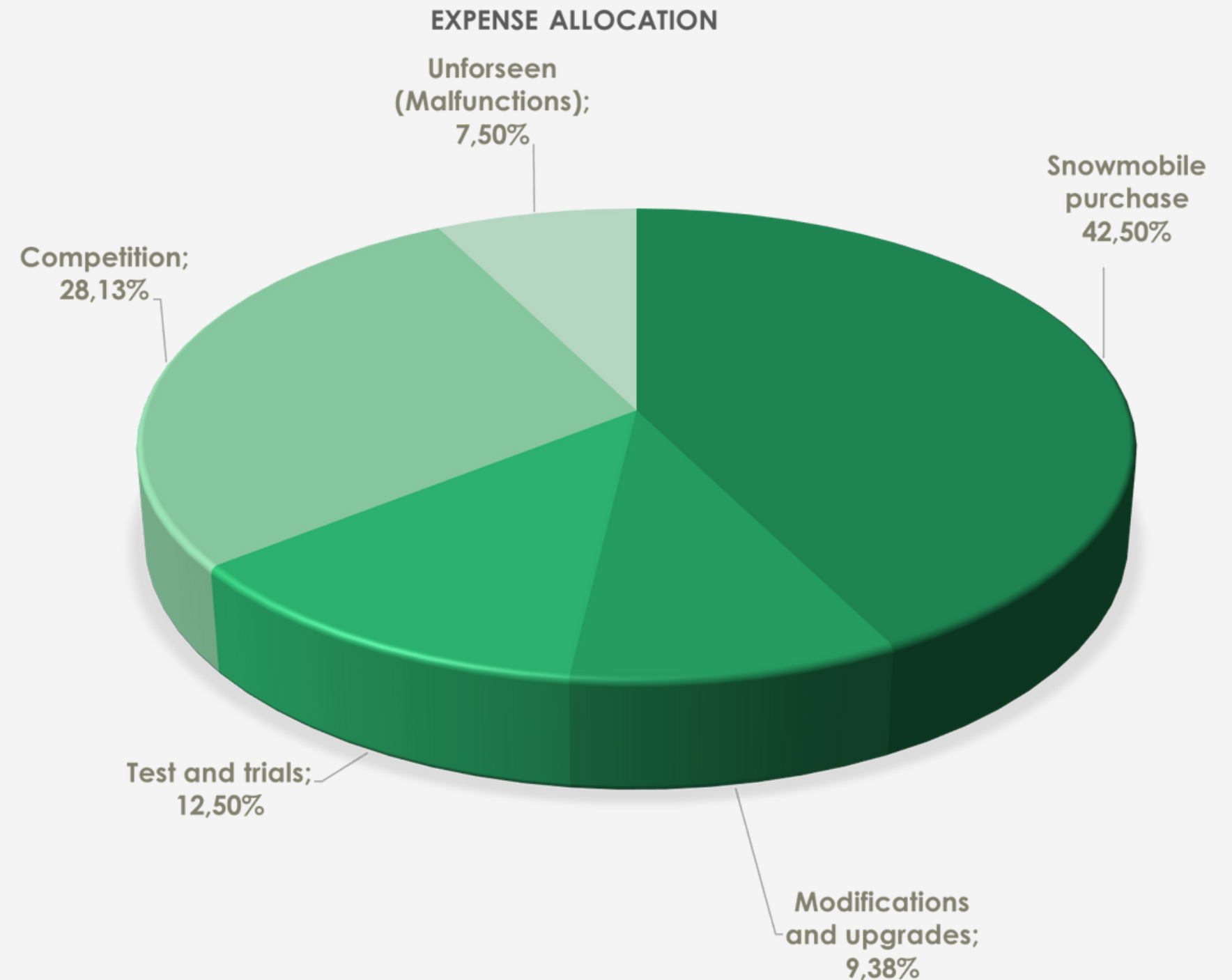
- Reduce fuel consumption to 19 mpg (miles per gallon) when pulling the load
- Reduce the sound level of the snowmobile to 65 db (decibels)
- Reduce polluting gas emissions to 60 grams per mile



# ***BUDGET***

The approximate expenses for the realization of this project are estimated at \$40,000.

The funds obtained will be used for the manufacture and purchase of components that will allow the snowmobile to be modified in order to achieve the objectives that have been established. They will also be used to transport the snowmobile and team members to get to the competition.



# ***OUR SNOWMOBILE***

**Ski-Doo Renegade Adrenaline 900 ACE 2020**





# VISIBILITY



To finance our project, the SUCCES team is looking for partners and donors. For our part, we offer companies to have visibility in the events in which we will participate.

The team will be part of the MégaGÉNIALE exhibition in 2024, which welcomes an average of more than 6,000 people.

The team will also be part of the Clean Snowmobile Challenge competition which welcomes 20 university teams from across North America.

2024
























MégaGÉNIALE show

2025

SAE Clean Snowmobile Challenge

# SPONSOR

Sponsorships can be in the form of cash, materials, equipment and services

	Bronze	Silver	Gold	Platinum	Diamond
Partnership	Less than 1000\$	1000\$ +	3000\$ +	6 000\$ +	10 000\$ +
Mention on our website					
Mention on our social media					
Logo on our shirts					
Logo on the snowmobile			<b>Small</b>	<b>Medium</b>	<b>Large</b>
Appearance in the promotional video of "MégaGÉNIALE"					
Description of the company on our website					
Company logo on the banner during exhibitions					
Special agreements					
Company visit					

It is also possible to make a donation via the UdeS Foundation. A donation allows:

- To assure the donor that his donation will be used for expenses related to the project
- Obtain a tax receipt for all donations of \$20 or more
- Obtain a tax credit of up to 50% for the individual donor





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# CONTACT US



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