



Chinook Partnership Plan

ÉTS Chinook Club

Why choose Chinook?

In a global context of climate change and increasing energy demand, it is essential to explore the alternatives offered by renewable energies. The combination of wind energy and transportation still offers untapped possibilities that deserve to be explored.

The Chinook ÉTS student club makes an unusual use of the wind force by using it to propel a ground vehicle. Chinook ÉTS has the ambition and passion that characterizes student clubs of the École de Technologie Supérieure and concentrates its efforts towards a single goal: to exceed the limits of renewable engineering. Currently working on the development of its eleventh prototype, the Chinook ÉTS team is committed to pushing the limits of energy efficiency and to excel in sustainable design.

“The challenge is great, our conviction is even greater”



The competition: Racing Aeolus 2023

The Dutch organization: Wind Energy Events, annually presents Racing Aeolus. The competition consists of a wind turbine vehicle race using headwind as the sole source of energy. Vehicles of various universities complete 500m races on the shore of the North Sea in Den Helder in the Netherlands as fast as possible. An efficiency ratio is then calculated using the race times and the according wind speeds.

The world record is currently held by us with a 114.84% efficiency ratio ! In addition to the main efficiency event, there is also a “drag race” where two cars simultaneously race. An innovation award is given to the team that brought the most novelty to their vehicle. The winner of the competition is the team with the best combined score for these three events.



History



2011
2nd place

2012
World champions

2013
World record

2014
World champions
World record

2015
2nd place

2016
5th Place

2017
World champions
World record

2018
World champions
World record

2019
World champions
World record

2020–2021
Cancelled

2022
1st fastest race
3rd overall

Vision

Today more than ever, the major challenges of sustainable development and renewable energy are becoming a critical matter for a vast proportion of the population. Thus, a growing number of companies try to associate themselves with this image.

A partnership with a student club linked to renewable energies and energy efficiency is one way to make people aware of its ecological values. The innovative component of our Chinook 10 prototype, linked to renewable energies, combined with the enthusiasm and visibility generated by such a project, will benefit any participating entity.

It's often in academia that passions are born and those passions will guide the next generation into new fields. At an era when protecting the environment is more than just an option, everyone must follow suit and participate in initiatives that are likely to spark ideas that could change the face of the world for the better.



Member Testimonials

I am very grateful to ÉTS and Chinook's partners. Thanks to them, curious students like me have the chance to experiment and have fun on quality technological projects.

– Mathieu Mullins, Captain

I am very fortunate to be part of the Chinook club because innovation is a priority. Also, the club leaves a great freedom to each of its members so that each can develop according to their interests. Furthermore, it is very rewarding to be part of a winning club at the international level.

– Lucas April Laroche, mechanical team member



Sponsorship levels

Tailor-made arrangements available for all contribution levels. Join more than 20 companies from Quebec and from all over the world who share the same values. By contributing financially or materially to our project, you assure our participation in the Racing Aeolus competition with a vehicle at the cutting edge of technology. Moreover, we will be very happy to display your logo on our vehicle, in our medias and our events within the Montreal technological and environmental community.

	Bronze (500 - 1999\$)	Silver (2000 - 4999\$)	Gold (5000 - 9999\$)	Platinum (10 000\$ +)
Size of your logo on the vehicle	10 000 mm ²	20 000 mm ²	30 000 mm ²	Car to your colors
Logo on our competition clothing	X	X	X	X
Logo in our workshop	X	X	X	X
Appearance in the sponsors sections	X	X	X	X
Give away of a thank you plaque		X	X	X
Promotional video targeted on your company			X	X
"Presented by" mention on our official videos				X

Contact us

Not only does a partnership with Chinook offer a great visibility, it could even help your company interest future employees amongst our highly motivated members.

Furthermore, a sponsorship of every level will also put your company link on our website, if you have any special request or question about our sponsorship program, do not hesitate to contact us !



<http://www.chinookets.com>



<http://twitter.com/chinookets>



chinook@etsmtl.ca



<http://facebook.com/chinookets>



CHINOOK
LA VOITURE EOLIENNE