

NEWSLETTER

At Rainhouse Manufacturing Canada Ltd, we are driven by a deep commitment to innovation, sustainability, and nurturing the talents of the next generation. Our belief in empowering students to explore their passions, develop practical skills, and create innovative solutions to real-world challenges has led us to proudly sponsor various student organizations at the University of Victoria (UVic).

Supporting UVEEC

One of the student organizations that Rainhouse proudly sponsors is UVic's Environmental Engineering Club (UVEEC). This dynamic student organization is dedicated to creating real-world solutions to pressing environmental challenges. The UVEEC provides students with invaluable opportunities to develop their technical skills, expand their networks, and contribute to a more sustainable future. Through hands-on learning, skill development workshops, and participation in engineering conferences, UVEEC members are actively engaged in addressing critical environmental issues and we are excited to be part of their journey and contribute to their mission.



Microplastic Collecting Unmanned Surface Water Vehicle Launch

On Friday, September 15th, Rainhouse's President & CEO Ray Brougham attended the UVEEC's launch event for their Microplastic Collecting Unmanned Surface Water Vehicle (USV). This innovative twin-hulled catamaran is designed to tackle one of the most pressing environmental issues of our time: microplastic* pollution in our oceans.

**Microplastics, tiny plastic particles often measuring less than 5mm, have known adverse effects on marine life and ecosystems. Their potential impact on human health remains a growing concern. The UVEEC's mission is to confront this challenge head-on.*



Innovative Microbubble Filtration System

The UVEEC's USV features an ingenious microbubble filtration system, inspired by the concept of using bubbles to float plastic out of the water. As plastic is hydrophobic, water doesn't adhere to it. Therefore, the team's system employs tiny air bubbles to attach to plastic particles and lift them to the surface for collection.

Get Involved

Rainhouse shares the UVEEC's dedication to innovation and environmental stewardship. We believe in making a positive impact on our environment, and our partnership with UVEEC is a testament to that commitment. By sponsoring and supporting such initiatives, we are actively contributing to a brighter, more sustainable future.

At Rainhouse, we are committed to making a positive impact on our environment, and our partnership with UVEEC is a testament to that commitment. We invite you to join us in our commitment to innovation and sustainability. Together, we can empower the next generation of STEM talent and create a better world for all.

