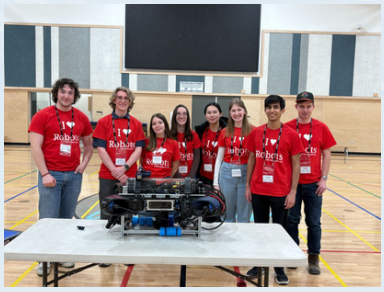

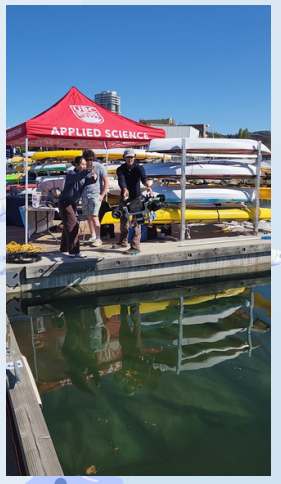

Robosub 2026 Community Outreach

Although community outreach is mandated by Robosub, the team believes that outreach is the true reason behind all the hard work that we do. Fostering communities and sparking interest in marine engineering provides meaning to all the late night testing sessions, project iterations and calculations that give our AUV, Ogopogo the ability to perform at the Robosub competition. Immediately after the 2025 Robosub, the team implemented feedback not only onto the AUV, but also in community outreach. Outreach this year revolved around one theme: delivering last impact.

OKMR returned to Kelowna Secondary School sharing aspects of the team that emphasized the importance of real-world skills such as marketing and financial management, which are just as crucial as the technical work. Depending on the audience, the team adjusted the presentation to encourage creativity and interest from students grade 10 to 12. Club members collaborated with the KSS Robotics Club providing expertise on their own personal projects. Additionally, team members were able to answer questions regarding university life, engineering, and advice to the Engineering 11 and 12 classes.

OKMR consistently collaborates with the UBC Okanagan School of Engineering at events such as STEM Engagement Day, UBC Welcome day, UBC Open House, and Experience UBC, fostering engagement and curiosity in audiences from elementary to incoming university students. Through STEM challenges, hosting booths and campus tours, club members sparked curiosity, encouraging students to explore beyond the unthinkable.

This year, OKMR jumpstarted a mentorship program in hopes of connecting club members with high schoolers to utilize industry-level technology to build projects and spark their interest in engineering. Due to bureaucratic, insurance, and liability issues, the project was unable to launch this year. However, this summer, the team plans on revamping the idea from a mentorship program to a series of workshops where club members share their knowledge and skills in CAD design, PCBs, and programming to aid high schoolers in developing a project that follows the ideation, build, and test cycle.

UBC Okanagan Marine Robotics rekindled relationships with the sea cadets with set plans in June 2026 to present our work and bring the physical AUV model for a demonstration in their lagoon. Two years ago, OKMR presented to the sea cadets when Ogopogo only had a sketch. With a functional, full-scale AUV now complete, the team will reconnect with the Sea Cadets to share the technical aspects of the vehicle, discuss competition logistics, and showcase the journey from an early sketch to a working AUV.

This year, the Kelowna Yacht Club generously sponsored our participation in the Kelowna Boat Show where our team held a booth and presented a demonstration of the AUV in the Okanagan Lake, broadcasted onto a monitor for attendees to experience. Tourists, students, industry professionals, families, and friends experienced first-handedly the projects being built at our club. The AUV demonstration attracted large crowds, enriching civilians of Kelowna the technology, talent and potential of marine robotics happening at UBC Okanagan.