

At VantTec, we strive to make the most of the technological innovations we develop in our vehicles. That is why the UUV, alongside the USV, is part of the AWAS (Autonomous Water Administration System) program, which aims to implement autonomous systems to collect and analyze real-time data that enables efficient water management and prevents ecological risks. The goal is to participate in a project that leverages innovative technology to raise awareness about the conservation of this resource.

In addition to this, we collaborate with educational programs that allow us to share everything we learn through the UUV project with children interested in robotics. At SMALC (Sin Miedo a la Corriente), students who are part of the UUV team actively apply the knowledge and skills developed throughout the project to design and teach robotics and technology classes for children and teenagers between the ages of 12 and 18 every Saturday.

We have also participated in competitions and initiatives focused on technology, innovation, and social impact. One of these is ExpoIngenierías, organized by Tecnológico de Monterrey, where the UUV project has received awards not only for the implementation of innovative technology, but also for its overall approach and the positive social impact it generates.

Lastly, we participated in the Xignux Challenge, an initiative aimed at promoting student-led projects that address Mexico's major environmental, social, and industrial challenges, while aligning with the United Nations' Sustainable Development Goals (SDGs) established in the 2030 Agenda. Through this experience, the UUV project further strengthened its focus on developing technology with meaningful real-world and social impact.