

Here at Vanttec we like to share the RoboBoat and RoboNation challenge with our community, we reach people through a variety of events such as conferences, student congresses and exhibitions, enhancing our numbers of reached people with the help of our social media.

One of the most important events we attend is the "Expo Ingenierías", where student-made projects that solve industry or community problems through engineering are exhibited. In this event, more than 450 students shared their research. We shared our progress in 4 projects we are currently working on related to autonomy (autonomous boat, car, drone and submarine) alongside more than a hundred projects from our community.

Also, every time new students enter our university we give them an introduction to the activities of our team, explaining the skills we develop in each of our areas, our impact through exhibitions of engineering, and the projects we plan, but most importantly we show them how regardless of their career they can be part of our team and join us in our learnings by offering training in areas such as programming, CAD, electronics and more.

A special example of the impact we have in our community is the recent collaboration we made with the ZF group, an automobilist industry company, and our university Tec de Monterrey. For the occasion of our university's 80th anniversary, a select group of our members is collaborating with them to transform a golf cart to be fully autonomous and give tours around the campus to visitors and students by September 2023.

In collaboration with the doctorate team of our university, we have published around fifteen papers on the subjects of computer vision, control, machine learning, and collision avoidance since 2018, with the objective of growing our team's investigation level while improving in subjects related to the competition.