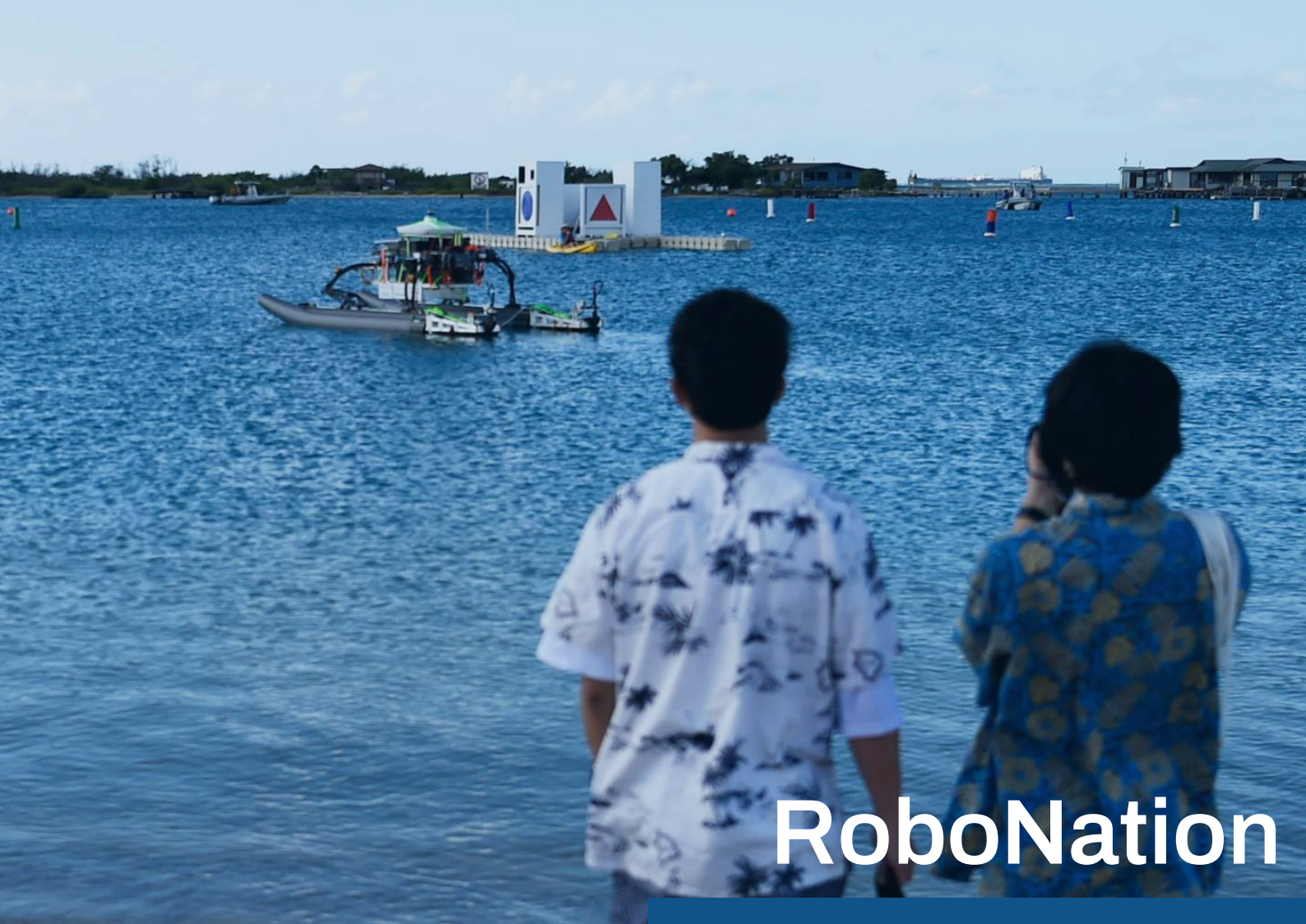


2021 Quarter 1 Stakeholders Report



RoboNation



From The Head Human

Greetings Humans! (And those that work with them.)

Our circuits are overloaded with the excitement of releasing this first "Stakeholders Report." To say that much has been happening in the past year is an understatement and a disservice to all of you who have toiled tirelessly to support students and teachers. Much like formal education, RoboNation has been adapting to ensuring access to continued learning for as many of you as possible. It's been a great chance to rethink many things and discover new opportunities in the midst of great challenges.

By far, the biggest reminder that this pandemic has offered is the critical importance of our community. Zooming, Teaming and conferring with the many educators and financial supporters in RoboNation, we've initiated new elements and have put into motion program improvements that will emerge into the next couple of years. It's exciting and daunting, but it's mostly reassuring and gratifying to see the depths of the human (and robot) spirit fully on display.

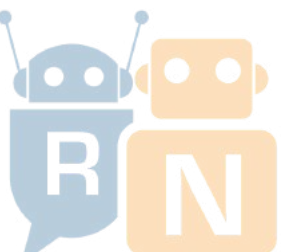
This is our report and update to you on a great many things. But it's also our chance to simply thank you for your tenacity and commitment to education and all of the students across the many RoboNation programs.

Daryl Davidson,
Executive Director

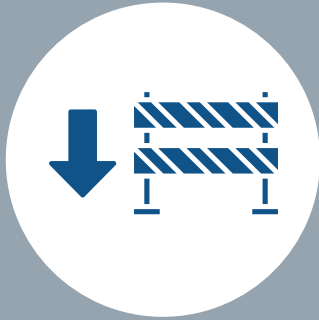
"Our circuits are overloaded with the excitement of releasing this first Stakeholders Report."

OUR MISSION & VISION

RoboNation is a nonprofit organization whose mission is to provide a pathway of hands-on educational experiences that empower students to find innovative solutions to global challenges. We envision a world where technology unites people to learn, share and create.



2021 Objectives



Reduce Barriers to Participation



Promote Meaningful Engagements



Increase Impact

Overview of Goals

Nonprofit organizations exist to further their mission and to support audiences related to that mission. At RoboNation, our mission is to provide a pathway of hands-on educational experiences that empower students to find innovative solutions to global challenges. In partnership with grantors and the generous support of our professional and donor community, we support this mission by delivering exciting and engaging hands-on experience for students. We measure the success of these efforts on how well we accomplish the goals we set out to achieve and look forward to sharing the direct impact your support provides.



Pre-University Programs



2021 INTERNATIONAL SEAPERCH CHALLENGE

The 2021 SeaPerch Season shifted online for the first time ever. Teams from around the world have been qualifying to compete for top honors in this year's virtual competition through regional competitions and a new wild card application. On June 4-5, this event will recognize top 2021 teams and will serve as an interactive online convening to engage the broad SeaPerch community with engaging topics from exceptional engineers, interactive breakout sessions, and more.

 seaperch.org/2021-season



RESOURCES

We are here to support students and teachers on their journey into the depths of the Pre-University Programs. New build guides, training programs and novel content are all in development to be released in 2021, adding to the resources needed to pique students' interest in STEM.



PRODUCTS

Products like SeaPerch have been around for 10+ years. In 2021, one of our biggest focuses is enhancing our product lines, including kit improvements, lower cost options and supporting packs. We can't wait to have more students get their hands on these exciting kits and start building.

 shop.robonation.org

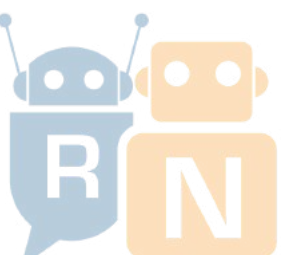


Actively seeking event sponsors and speakers for the International SeaPerch Challenge. Contact Janelle at jcurtis@robonation.org for more information!



100%

Build a Bot Awards Fundraising Goal Met



University Programs



95%


Expected Participation



ROBOBOAT & ROBOSUB 2021

RoboBoat and RoboSub are being held online in 2021. Teams will be asked to submit multiple online submissions, including a new video submission. This element will showcase students' skills and know-how in various technical topics.

 roboboat.org/2021

 robosub.org/2021



RESOURCES

Some of the best resources are the components and submissions from past competitions. To help new teams get started, past reports, videos and tech talks will be utilized as learning resources.

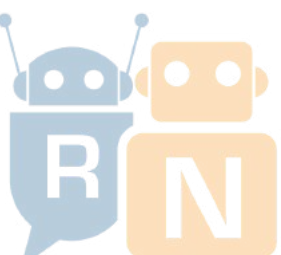


ROBOTX 2022

The 2022 Maritime RobotX Challenge will take place in Sydney, Australia from November 11 – 17, 2022. RoboNation is pleased to partner with the United States Office of Naval Research (ONR) and the Australian Defence Science and Technology Group (DST).

 robotx.org/2022

Actively seeking RoboSub sponsors and partners for the event and program. Contact Janelle at jcurtis@robonation.org for more information!



University Programs



INTELLIGENT GROUND VEHICLE COMPETITION

After surveying the 2019 participating schools, IGVC organizers are moving forward with the 2021 plans to host an in-person competition with necessary Covid safeguards. This 4-7 June, the 28th annual IGVC will be held at Oakland University, Rochester Michigan.



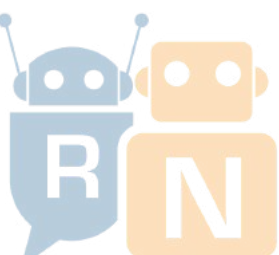
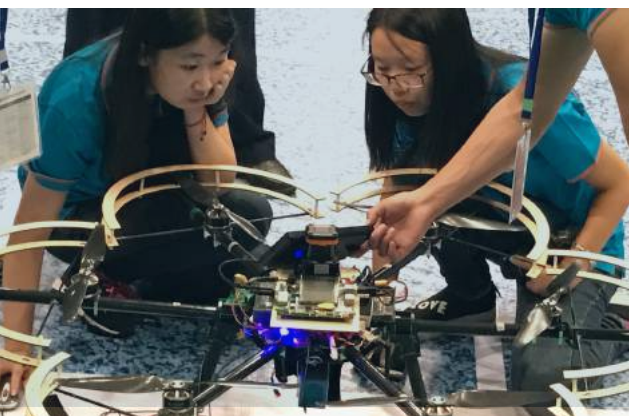
STUDENT UNMANNED AERIAL SYSTEMS COMPETITION

The difficult decision to cancel SUAS 2021 was made. The organizers will be rolling over all registrations to SUAS 2022 with a message of encouragement: "The situation is similarly complex in industry right now... I expect your new ability to flex and overcome will prove valuable in your careers."



INTERNATIONAL AERIAL ROBOTICS COMPETITION

In 2020 the IARC launched a virtual component to its competition that was seen not as cancellation of the event, rather a temporary virtual option. While the 2021 format is still being decided, the organizers plan to hold a physical event and work to synchronize activities across the venues.



Making a Difference



Build a Bot Awards Program to launch this Fall



300 students can start their journey with STEM

The Build a Bot program aims to provide educators and student groups the resources necessary to develop hands-on skills, build a robot, and learn how to use it for good.

Thanks to some incredible humans, we have reached our fundraising goal and will launch the program this year. Applications will open this summer for qualified student groups to apply for a chance to receive a SeaPerch kit and the necessary tools and resources to start their build! We look forward to bringing you along for the journey in these quarterly reports.

“As a RoboNation IARC participant in college, I learned many of the things that later allowed me to create Blue Robotics, one of the sponsors and suppliers for the RoboSub, RoboBoat, and Maritime RobotX Challenges.

Practical team experiences like these competitions are critical to learn how to be an engineer or business person in the real world and we're incredibly proud to support that today. ”

- Rustom Jehangir, Blue Robotics, Founder & Engineer 

Welcome to our New Sponsors!

Meet all our sponsors and partners: robonation.org/about.

