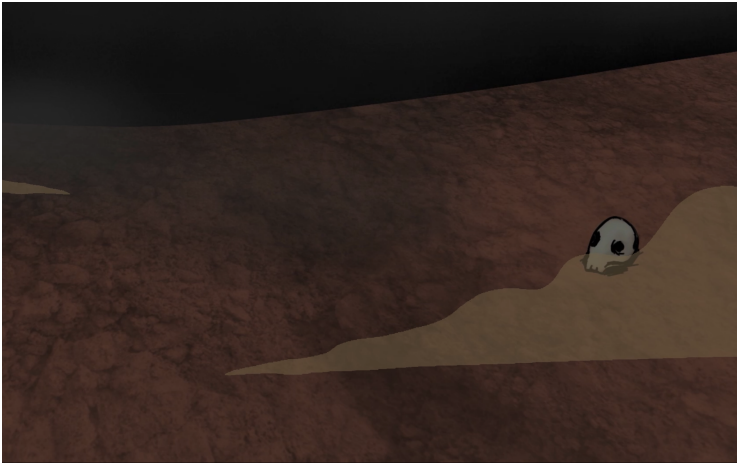


Leaves and Trees



Not so far from the present, many nations have faced a common threat that was expected to happen: forest depletion. Even though technology has advanced, it was not enough to stop pollution from spreading all over the continents. Forests have vanished, and oxygen levels are dropping each day.

Fortunately, the New Species Organization (NSO), an organization with all the smartest scientists, were able to genetically modify the mistletoe, a shrub that attaches to trees, with the mycorrhizal fungi, an organism that improves nutrient and water absorption for the plant. The NSO decided to call this genetically modified organism the 'ring' (Pho-Kuljeverde).



The rings were leaves that could attach to trees and share its nutrients it gained. They were very powerful, enough to bring a dead tree back to life if there was only sunlight. They did not require much water to survive and were very easy to produce. However, there was a problem with these mythical plants: they were not able to survive without a tree, dead or alive. They needed something to attach to

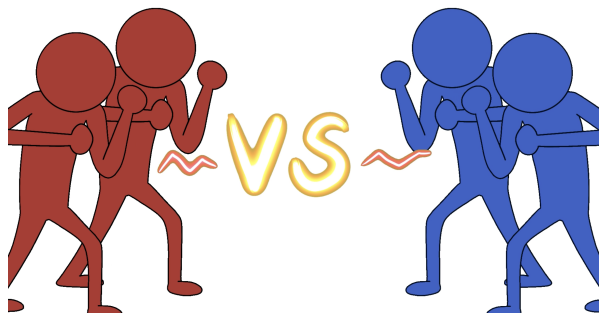
extend their roots to survive. Soon, scientists realized that what was more valuable at this point were trees or anything similar like a log, which were very rare, rarer than the



rings because not only were they hard to get, but other nations and countries noticed the problem too which made them prioritize trees or logs as well.

Many nations and countries were worried that they would have to go to war in order to obtain all the resources--the ring and trees--even though they did not have enough funds for it. To prevent any war from happening, the World Peace

Organization (WPO) had to come up with a plan. What they came up with was that each country or nation would have to participate in a friendly competition. There would be a red alliance and a blue alliance, made up of two countries each. In the competition, the two countries would have to engineer a robot that would be controlled remotely by pilots, and gather the resources within a limited time. The teams that win the competition would be identified to be

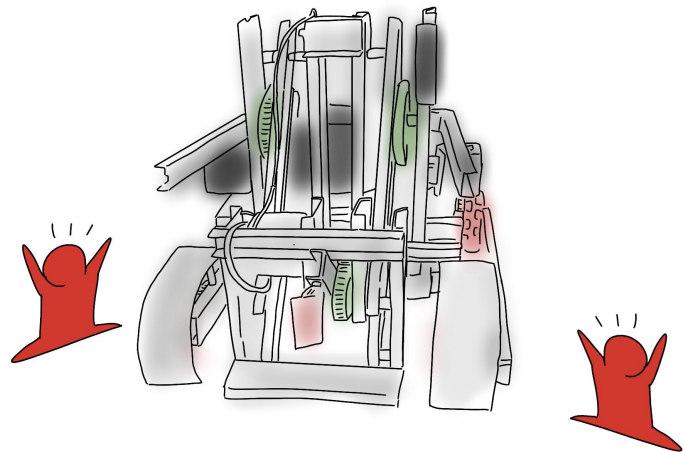


the ideal nation or country to pave the way for saving the future and have domination over the resources.

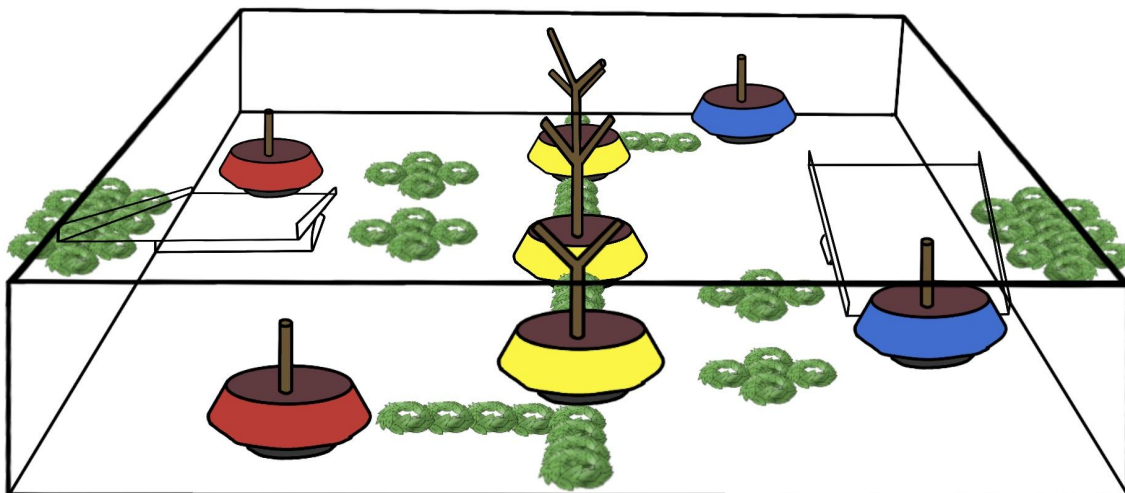
The other team that lost wouldn't get any disadvantages for losing though. In other words, the point of this competition would be to choose which nation or country would have a more advanced technology or wider range of ideas to save the world from the chaos.

The idea proposed by the WPO was soon approved by the governments of other nations and countries. The rule of the competition was simple; the alliance that builds a robot that can most efficiently position the leaves and trees to produce oxygen within the limited amount of time would win. The trees would be modified and cut in a way so that the rings could attach easier, and the trees would be well-planted in a special pot.

The time period of each competition is 2 hours, with 15 minutes of autonomous driving at the beginning of the match to see how well each alliance would approach the problems. This would be happening in a 12 by 12 mile-bordered field. It would consist of 72 rings and 7 trees properly placed, 2 being the property of each alliance, leaving 3 trees being neutral. The scoring system was that, for each ring



placed in the pot would score 1 point, rings placed in the tree through the hole would score 3 points, and the rings scored at the very top of the branches would be worth 10 points each. There would also be platforms that would have to be balanced, built this way to create elevation for the trees to receive more sunlight. Not all nations or countries had enough funds to build it though, so robots maintaining a balanced platform would receive 30 points since it would make it easier to later place the trees on the platform. Trees placed in balanced platforms would be worth 40 points.



193 teams are participating in this competition, not leaving out a single country, and every citizen will be watching the competitions live. There will be a preparation period of 6 months, and after that, the competition will begin. The timer started, 5 months and 29 days to go.

