



Many of the sustainable development goals had been focusing on mitigating ecological and social crises on climate change and plastic consumption. Looking at this, we, RE:GUARD, have been working on achieving some of the SDGs in our community, such as events that will be mentioned below.

RE: GUARD has been working on achievements to protect the environment by collaborating with other organizations. The first organization that we have conducted collaborations with is Nuvilab. We have held several meetings with Nuvilab, which has developed an effective system to tackle food waste and we are taking various steps to introduce the system to our school in earnest. To reduce food waste, we are planning to start campaigns inside our school (KIS Jeju) and gradually broaden our activity to a larger scale. Nutrition Vision Laboratory (NuviLab)'s system consists of installing a scanning camera that scans the leftover food on one's plate and encourages them to not leave food. In addition, the system can improve eating habits as well as analyze food preferences. Nuvilab is a company that scans the cafeteria food to know how much each student ate, how much each student had left, and what food the student does not eat. The food the students had not eaten and all the patterns are shown were then made into a monthly report, and then sent to the nutritionist in the area. This program, which can scan in 'a blink of time' can achieve two aims- the environment and one's health- at the same time, is divided into two programs. One is Earth Care Solution, and another one is Health Care Solution. First, Earth Care Solution can effectively mitigate greenhouse gas emissions and operation fees by diminishing the amount of food waste. Second, Health Care Solution monitors and suggests one's eating habits and health. (Nuvilab)

After we formed RE: GUARD, we had a few successful quests as we moved on. As we are an environmentally friendly NGO, we decided to hold an event related to single-use plastics. We named the event #Label_Takeoff Challenge. In this event, participants had to upload a photo or video of themselves on Instagram taking off the label on plastic bottles. The top 3 participants with the most photo videos received a Starbucks gift card as an incentive. Next, our second big project was to implement Nuvilab scanners in our school cafeteria. Nuvilab scanners are machines that can scan the amount of food and the amount of food wasted. We believe that this scanner can play an important role in reducing food waste in our school. We had a meeting with a J&J employee at Nuvilab about our plan. Thirdly, we made a quiz via Kahoot! about the current environmental situations around the world. At last, we formed our club in our school and were able to recruit some of our middle school students.

There was also a big event with the Jeju United football team. We made a system of green where the students would fill out the transparent pillars inside the campus. They would bring reusable and cleaned plastic bottles to fill in the transparent pillars, The pillars would then have lines that is it is reached by the plastic bottles stacked up, events promised would be held, such as the visiting soccer class or eco-friendly bazaar. The estimated impacts, there are mainly three of them. To begin with, it would enable motivation for students to help nature. Also, we can form a relationship between Jeju United FC and GEC students, since soccer is an element that is enjoyable for most of the students. Next, a positive influence on nearby organizations would be triggered. We are trying to plan to visit the soccer class & Lifting Challenge. Thus, expected benefits are inducing and motivating students to actively participate, forming a bond between Jeju United FC and international schools and local students, and positive publicity effect on other schools and local organizations.

We have conducted an Instagram challenge. By conducting the challenge, the correct way to separate/dispose of plastic bottles was widely advertised. A total of 74 people from KISJ participated in the #LABEL_TAKEOFF challenge, with a total of 149 labels taken off by the deadline of April 13, 2022.



We also conducted a quiz for Earth day. This event was conducted with donations from the Goal Studio, with them donating 20 hoodies for a prize. We have created a Kahoot quiz that contains fun/interesting facts regarding the environment that will raise awareness between students as well as have fun. 1st, 2nd, and 3rd places from each grade level got a winning prize, the hoodies donated by Goal Studio.

Alongside the various activities and events we planned in collaboration with the other organizations, we also received donations from other organizations such as the Mirae Asset. We each received 100,000 KRW from Mirae Asset, Korea Investments & Securities, and Hana Bank. We got Eco-Friendly Tumblers from Starbucks, 20 Goal Studio Hoodies from Goal studio, and team souvenirs from the football team Jeju United. The money would be utilized for other events such as the Eco-friendly bazaar.

Throughout our NGO journey, we have undergone numerous challenges, such as COVID-19, budget, and school communication problems. To begin with, COVID-19 has slowed down our projects. For example, there was a project where we would invite a national professional soccer club and combine elements of soccer and the environment. Next, budgetary issues were one problem, since the money we used could not be our personal money, and people were suspicious of middle schoolers operating money, so weren't donating a significant amount of money. We got out of this problem by contacting other organizations and companies to donate us some money, and we succeeded in convincing them of our credibility in using money.

Us RE: GUARD had hosted meetings with the Nuvilab officials and the School Principal to be able to. We learned that all projects and plans that we have planned do not always go straightforward; there are unexpected changes that inevitably were made under different circumstances. For example, we had initially planned the Label TakeOff Instagram challenge to be offline, meeting with people physically and opening contests that are related to taking labels off plastic bottles. However, as the COVID-19 pandemic and the variants became a serious issue in society, we were not able to host such contests physically. So, we switched the contest online through social media. Like this, we have learned how to cope with unexpected situations and make changes correspondingly.

Instagram challenges are all about motivation, and to provoke that, we require some sort of prize. We solved this problem by asking other local, multinational corporations. Finally, for school communication problems, we have initiated numerous projects inside a school, yet the school has been uncooperative or delayed tasks. We tried to solve this issue by creating a school club with 25+ members so that school projects would operate quickly.

