

Global Coding



5th SDGs Youth Summer Camp

2021

UNOSD 5th SDGs Youth Summer Camp



Daeun Kim (Grace)
Global Health
Design



Henry Webster
Peace
Save



Suyoung Mun
Bright
Smile



Ahayeon Kim (Ellen)
Sincere
Joyful

A large, clear plastic bottle with a blue cap is floating on the surface of a body of water. The bottle is partially submerged, with its neck and cap above the water line. The water is dark and calm, reflecting the sky. In the background, a line of green trees is visible on the horizon. The overall scene is somber and highlights the issue of plastic pollution.

The Problem:

SDG 12

Target 12.4] By 2030, **achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release** to air, water and soil in order **to minimize** their **adverse impacts on** human health and **the environment**.

Target 12.5] By 2030, **substantially reduce waste generation** through prevention, reduction, recycling and reuse.

SDG 6

Target 6.1] By 2030, **achieve universal** and equitable **access to** safe and affordable **drinking water for all**



User Group I

Individuals who are aware of the environmental consequences of plastic use, but still live lifestyle that leads them to use single-use/disposable plastic bottled water.

E.g. University students who purchase water from convenient store.

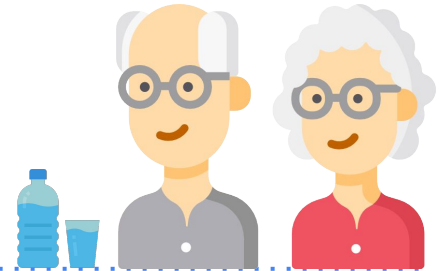
- Want sustainable alternative to using plastic water bottles
- Value convenience and lower costs
- Experience guilt of consuming too much plastic
- Have the desire to help out the community



User Group II

Seniors who live alone who needs access to quality drinking water.

- Do not have network, dedicated caretakers, or live alone
- Cannot physically purchase and transport drinking water themselves
- Lacks digital literacy to purchase water from online services
- In particular, focus on seniors who are lower in socioeconomic status and cannot afford water filtration systems to be installed in their homes

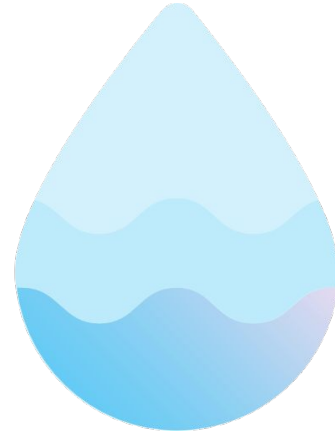




The Solution:

Service Design

“BETTER MOVING WATER”



Plastic problem



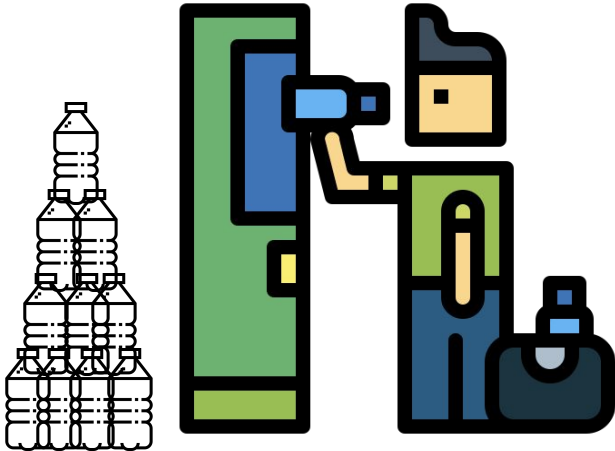
Get convenience from using plastic
bottles,

but Get guilt about the environment

How it works #1

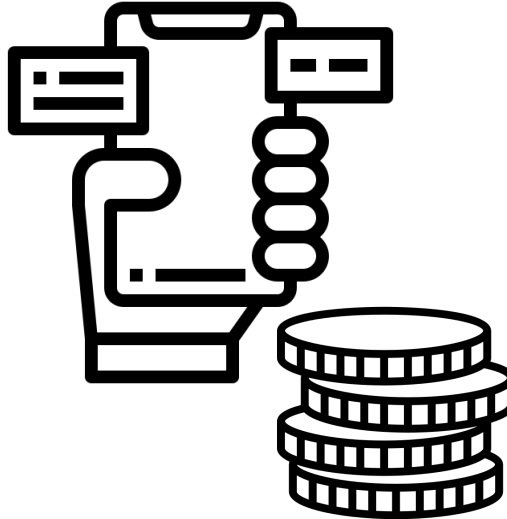
Step 1

Drop the used plastic bottle in the collector machine and earn and accumulate credit



Step 2

In mobile application, people can check the collected credit in real-time



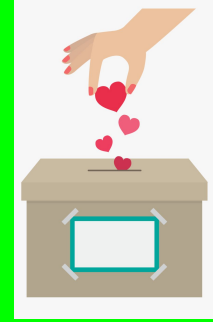
Step 3

Donate drinking water to elderly citizens

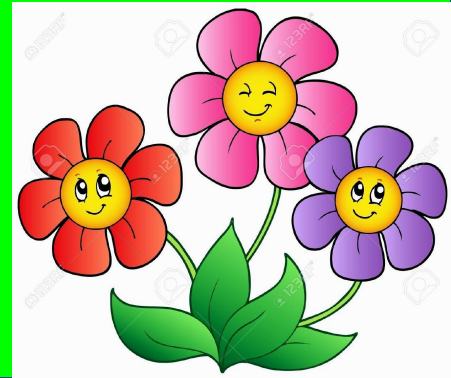


How it works #2





Conclusion: WATER PLASTIC DONATE
We also need to be friendly with the NATURE



**Expand
plastic-----) PAPER PACK**



MORE FRIENDLY MORE NATURAL LESS POLLUTION



MUCH OBLIGED FOR ALL OF YOU

-----FROM GROUP 3



Thank you