Global Coding

5th SDGs Youth Summer Camp

2021
UNOSD 5th SDGs Youth Summer Camp

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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

Elderly people

Cause environmental problems:
- not sustainable
- requires recycling and waste management

Using "BETTER MOVING WATER" service
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