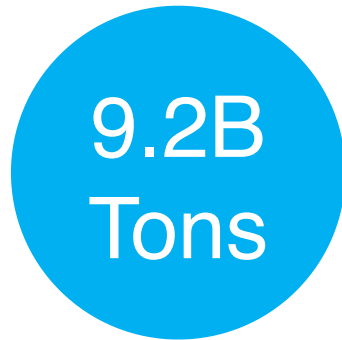# BYPLAY 2024

Giving children a chance to dream, play, and build brighter futures.
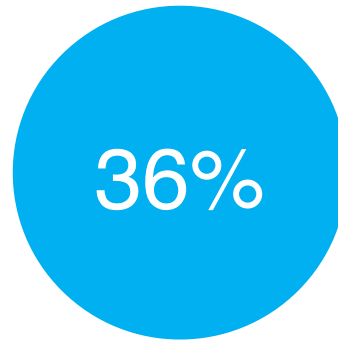
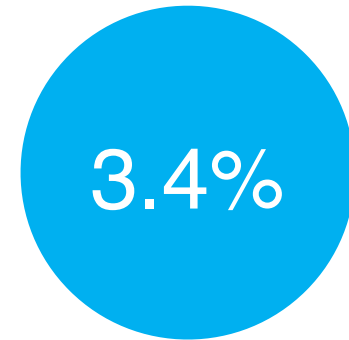Leo Lim

Social Problem - Plastic

Plastic pollution is a problem that has quickly become one of the most important environmental issues in recent years, from the deepest ocean trenches to the most remote mountain ranges.

9.2B Tons

of plastic produced since 1950

36%

of plastic products are for single-use purpose

3.4%

of global greenhouse gas emissions are accounted for by plastic pollution

Social Problem – Orphanage Home

Orphans often face various challenges, including social and psychological difficulties.

Reduced support/donation after COVID19 pandemic

Lack of emotional/ psychological support

Presence of violence and bullying among residents

Solution

Create basketball rims and brick toys from used plastic bottle caps and distribute them to orphanage houses.

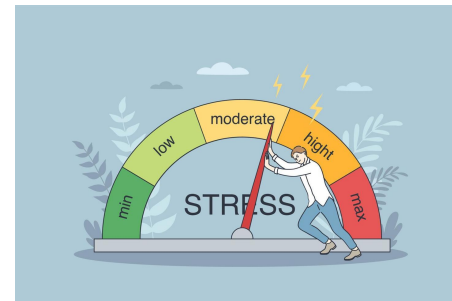Physical/emotional health through basketball and toys

Resource conservation

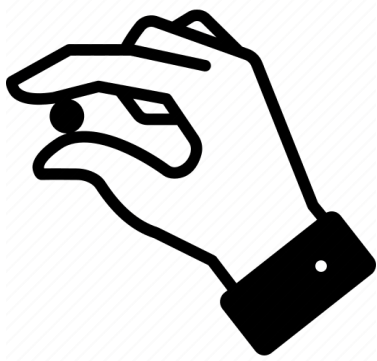Expensive toys provided for free

Reduce the workload for social workers

Beneficiaries

Orphanages in Gwangju, South Korea that lack sufficient facilities and support.

The smallest area of parks among cities in South Korea
(8.9km^2)

Tragic news of young people from orphanages in Gwangju

Reduced donations following the COVID Pandemic

Activity

Distribution of basketball rims & brick toys made from used plastic bottle caps to Gwangju, South Korea

Mold injection of plastic into new products

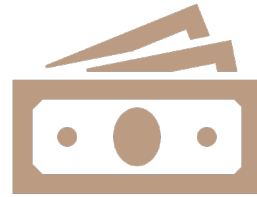Contact orphanages to find out the needs for the products

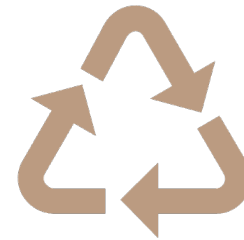Distribute the products to the orphanages in need

Unfair Advantage

Free program

Funded by Youth Impact

Great social impact expected, with the help of a representative of a recycled plastic furniture brand

Financials

Projected Income	2024	2025	2026
Donations & Funding	1,500,000 ₩	2,000,000 ₩	2,000,000 ₩
Cost	**Plastic injection**	**Transportation (rental car)**	**Box packaging cost**
Plastic Injection	240,000 ₩	300,000 ₩	400,000 ₩
Transportation	150,000 ₩	200,000 ₩	250,000 ₩
Box Packaging	100,000 ₩	150,000 ₩	200,000 ₩

Vision

Our vision is to create a community where orphaned children are empowered through sustainable play, creativity, and emotional well-being through valuable support, in an environmentally healthy way.