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SMART COLLECTORS AND CIRCULAR ECONOMY SOLUTIONS FOR WASTE AND REUSABLES

AloT Container Circulation Leading Company







The biggest circular infra and reward app leading circular economy in Korea

Cumulative Devices

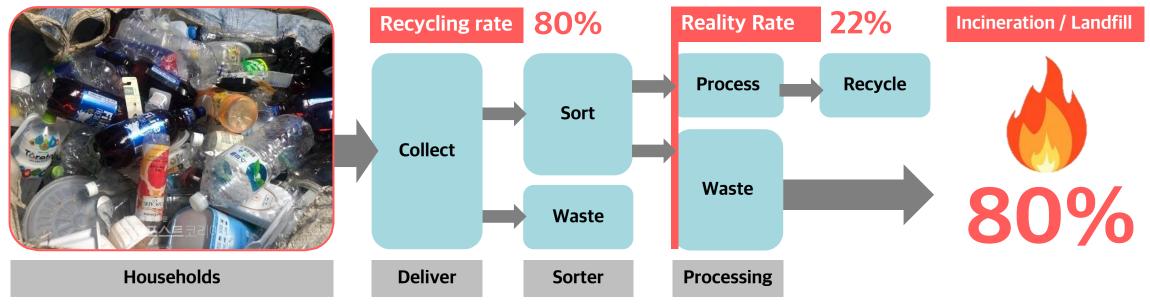
Accrued Revenue

Cumulative Users

659ea 45M usp

80K

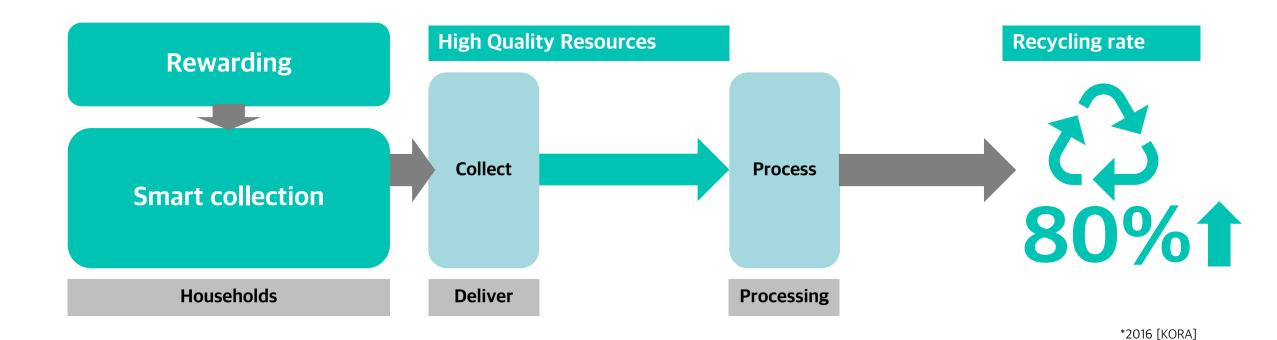
Unsorted disposals by users makes recycling unviable



*2017 [GreenPeace]



Smart infrastructure and rewarding can lead to clean separated disposals





Raise recycling rate from 30%* to 68%** with Lalaloop solution



Lalaloop Client data Console



Reward points or money!

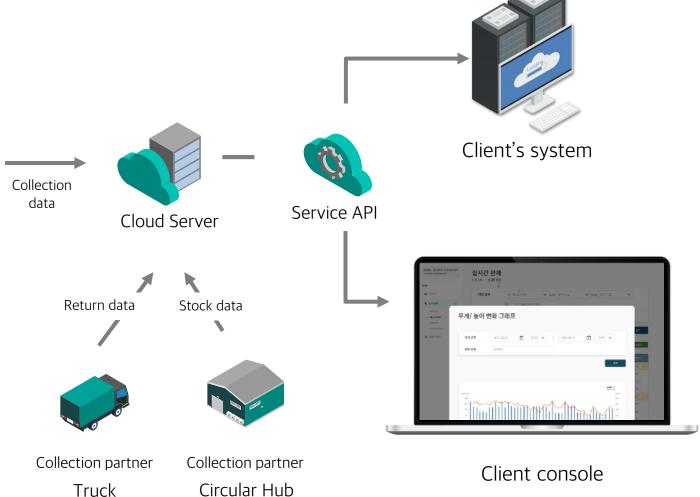




Smart management with Service API and Cloud System



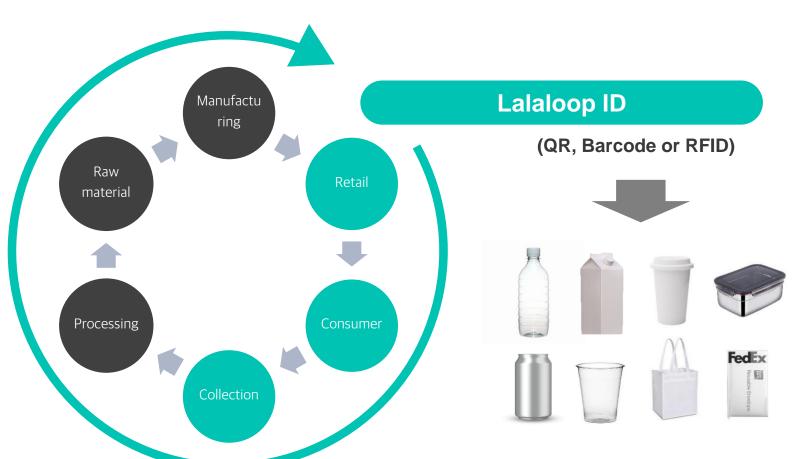
Smart Collector

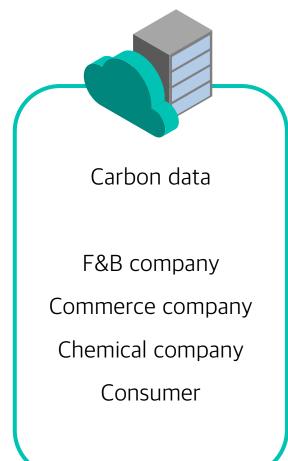


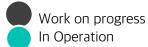




Lalaoop ID - Package LCA tracking solution for carbon neutral data











Cost-Effective solution for local resource circulation against waste







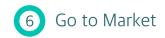


Categories	Deposit items only
Reward	X
Deposit	0
External reward	X
Price	30K~40K USD
App Service	X
Location	Public places
Smart city feature	X

Deposit items only
Χ
0
X
30K~40K USD
X
Public places
Χ



All Recyclables + Reusables	
0	
0	
0	
7~10K USD	
0	
Home Complexes, Offices, Public places, stores, etc.	
Control service, monitoring API	



Broad market share with F&B industries and Gov. references

Recycling Value chain









Local recycling Value chain building

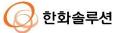


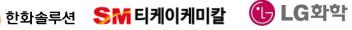




Package collecting and recycling solution POC









Residential area recycling resource collecting POC

Reusable Value chain











Reusable cup circulation management system









Reusable food container collection system









Reusable shopping bag collection system





Target the smart city market with circular economy infrastructure

TAM

3.3T USD

Global smart city market *** CAGR 22.76%

SAM

2.3B usd

Plastic recycling market in Korea **

30M usp

Recycling collection infra in Korea 10%*

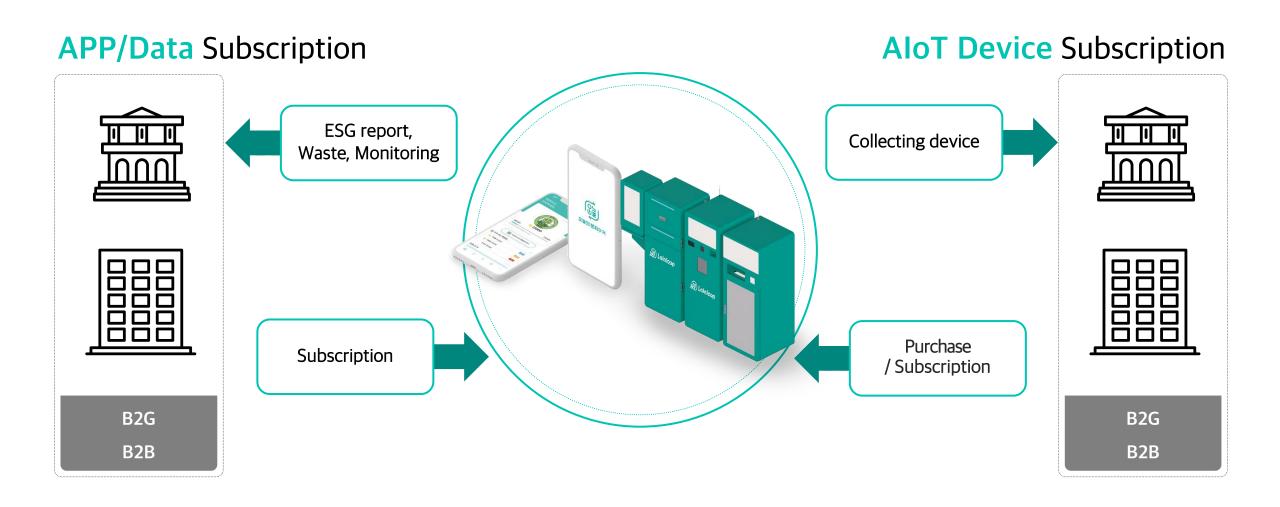
^{* 10%} share of 120K Recycling stations in residential area

^{**} Samll PwC, Insight research, 2022

^{***} TechNavio, Global Smart City Market, 2020

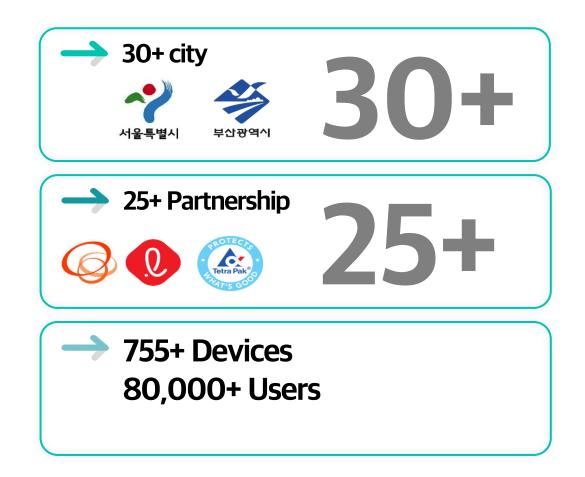


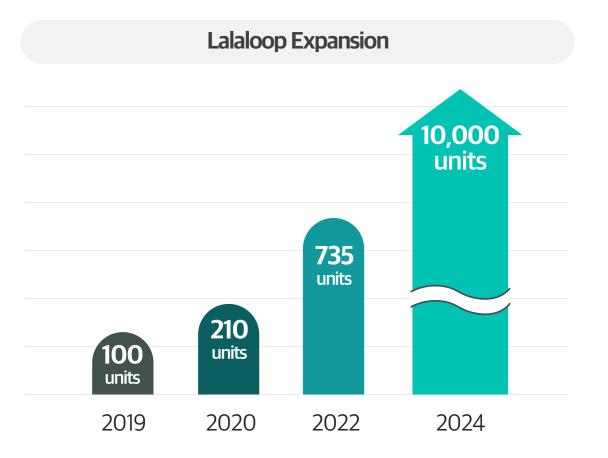
B2B, B2G Circular collection system with operation and data service





The biggest collection device operation and partnership to lead a market







Recycling and reuse to reduce waste and carbon footprint

Recycling/Reuse rate increase

Recycling 68%

Reusables Return 80%

Single-use cup reduction 57%





Reduce Waste Reduce Carbon

Make daily Recycling/Reuse

45 Monthly action per user

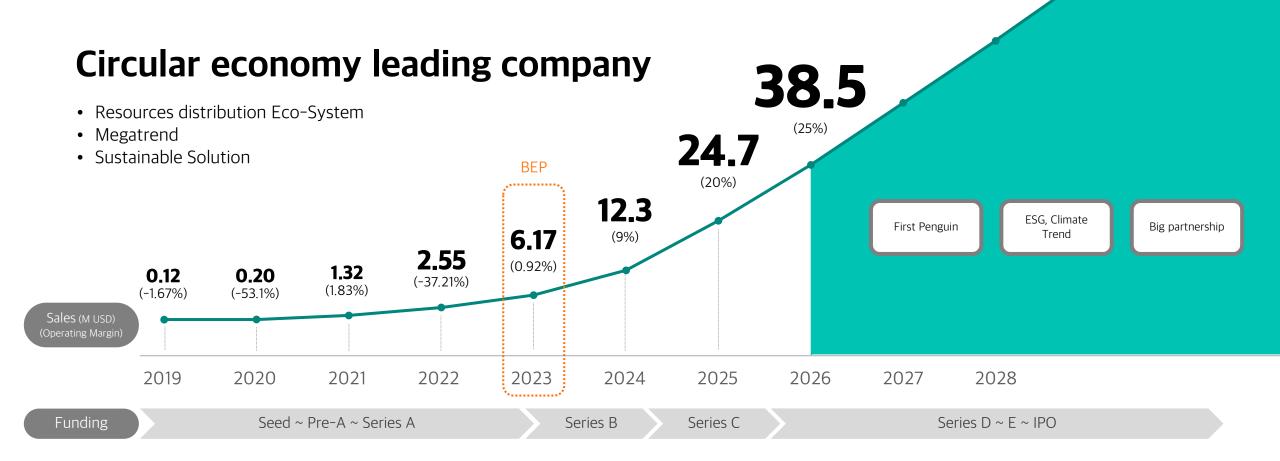
10K Monthly active user
Registered user

63K Monthly container return

Number of Reusable cup return



Recycling and reuse market occupation with circular tracking system





Professional team with IT based circular economy and smart city service



Taegoan Bae CEO

R&D, Inventor. Master (주)imt / Senior Researcher



Juyong Yum CSO

Abu dhabi Sales (주)Sinheung



Changhee Lee CPO

Architectural Designer JAIA Design



Eric Michel CTO

PhD, R&D, Inventor, Lead Engineer Kyunghee Univ.

10 teams + 37 members (12 Devs)

9yster able

THANK YOU

We assist the people who save our planet

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Scalable POC MVP for market

