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Innovative Sustainable Value chain of Recycling and Reuse

Taegoan Bae,
CEO &Co-Founder

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Lalaloop

Full Circularity Technology Platform
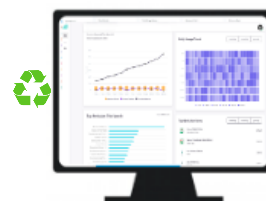# For Recyclables & Reusables

Unique ID tracking

Smart Bots

Consumer App

Client Sustainability Dashboard

Diverted Waste from Landfill & Oceans | **624 Tons**

Installed Bots | **1K Bots**

Technical Team | **6 Devs**

Strength & Expertise

- AI Based material recognition
- Data metrics for ESG and Smart City
- Tracking with Digital Product Passport
- Boost consumer motivation with rewards App
- Brand marketing opportunities

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Let's collaborate to build a more sustainable future!

Areas

- **Smart City Integration: Robot Network Optimization, AI Waste Management.**
- **AI & Machine Learning - Recognition, Waste Prediction Models.**
- **Digital Passports & Blockchain**
- **Joint R&D - Innovative Recycling Technologies, Pilot Projects.**

Partnerships

- **Urban planning and smart city development.**
- **Advanced materials science and recycling technologies.**
- **Artificial intelligence and data analytics.**
- **Blockchain technology and digital platforms.**
- **Global environmental research.**

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INNOVATION IDEA

AI-driven system for precise carbon footprint measurement and recycled material tracking

Pain Points

- Inaccurate urban recycling carbon data.
- Lack of real-time material traceability in smart cities.
- Inefficient integration of recycling data into urban planning.

Value Proposition

- AI-powered carbon measurement for city-wide recycling.
- Blockchain-secured material tracking for transparency.
- Data analytics for optimized smart city waste management.

Key Innovations

- AI models for urban recycling carbon footprint analysis.
- Digital passports for material tracking within smart city.
- Data integration for city planning.

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Let's make the circular economy a reality together.

Oysterable Co., Ltd.

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