



EcoBin
choose eco, not ego



5%

of 14mln ton
waste officially
recycles (2024)



\$80 MLN

estimated annual value of recoverable
materials—is **being lost** because
Uzbekistan's recycling rate

Sources: Ministry of Ecology, MyGo, Kun.uz

Strategy 'Uzbekistan-2030'
requires:
60-65% recycling rate and
establishment of **circular economy**



European Bank
for Reconstruction and Development

In 2022, Toza Hudud
took a loan: \$120mln



NOT-EFFECTIVE RESULTS



Sources: UNDP, lex.uz, timesca

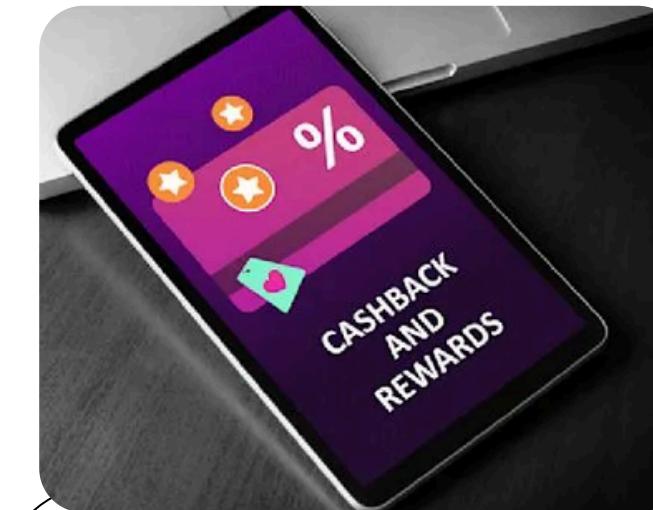
ECOBIN WILL INCREASE THIS RATE TO 60-65%



Our smart can accepts the can/plastic bottles, checking their condition



"Toza Hudud" - more than 1000 businesses
"MaxsusTrans" → 505 household complexes



Cash Back system

Trash Recycling companies:
aluminium - 800\$/ton
plastic(PET 1) - 300\$/ton

UZBEKISTAN: ECOBIN SMART RECYCLING NETWORK



By doing that we can achieve:



Social Awareness & Behavioral Change



Environmental Protection & Waste Reduction



National Sustainability Goals & Local Empowerment

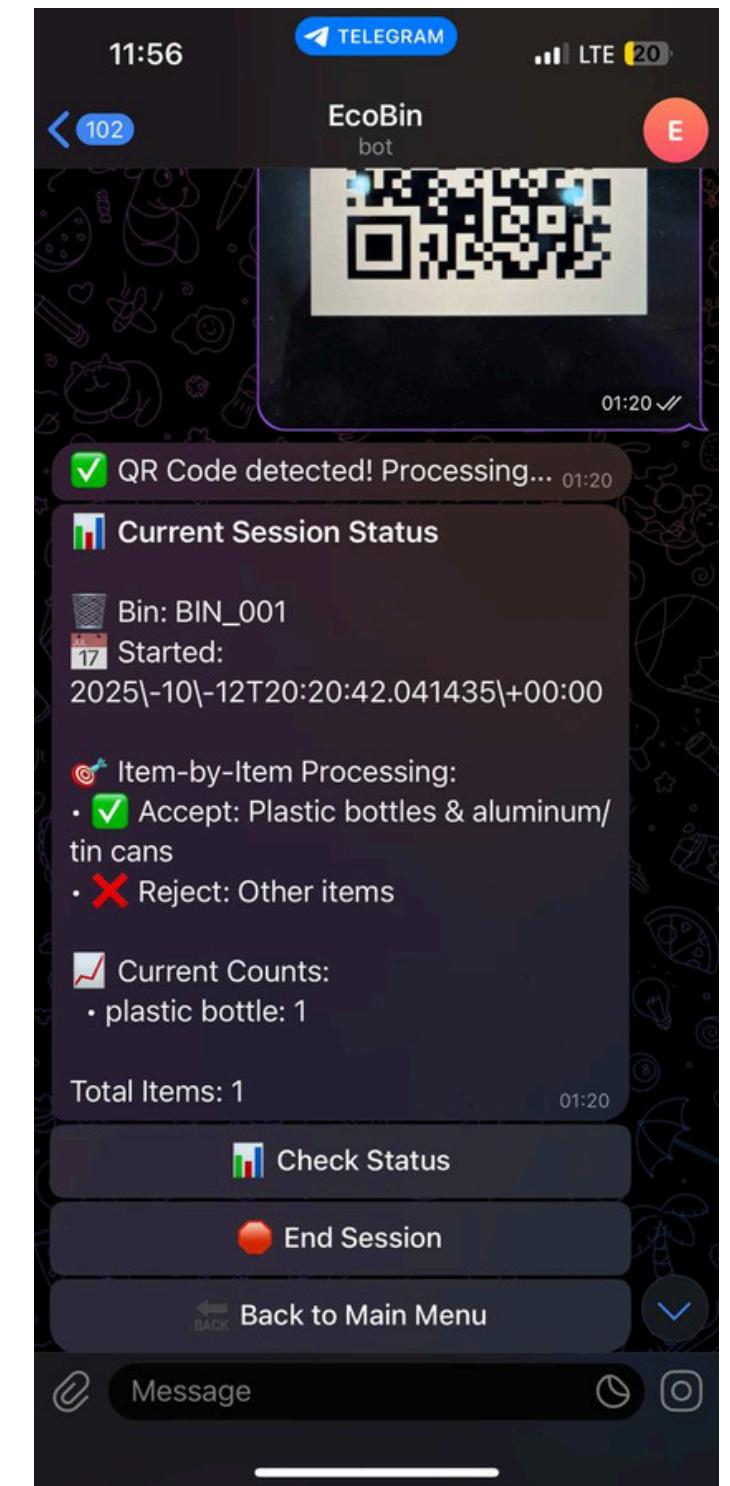
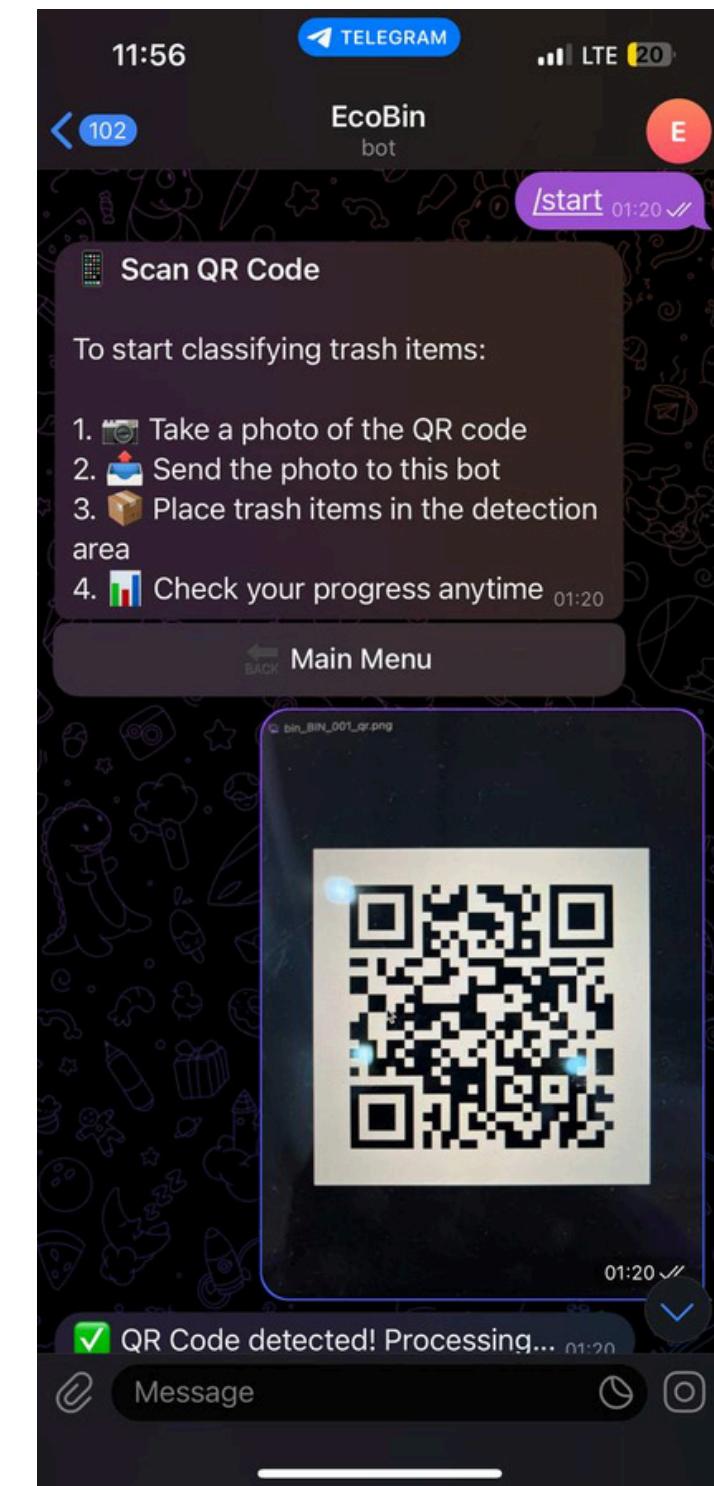
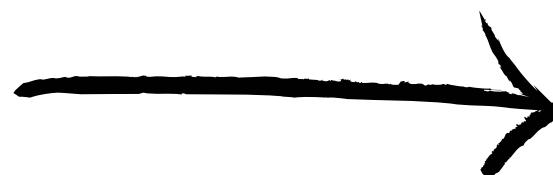


State Receiving Analytical Data for Planning

How it works?



controlled by
Telegram Bot



Business Model

B2G

-our "EcoBin"s for 1200\$

SOE "Toza Hudud" – collection points all over Uzbekistan

SOE "MaxsusTrans" – dominates Tashkent

B2B

-CSR and cashback partnership:



Cost of 1 ECOBIN

Overall: 752\$

Frame: 415\$

Camera: 12\$

Electronics: 200\$

Battery + Solar panel: 42\$

Soft: 82\$

Market Size

~\$450 B

TOTAL AVAILABLE MARKET

- 3.5 billion tons × \$100 = \$350 billion per year (traditional waste market)
 - Including smart systems, sensors, AI data, and sustainability analytics:
-

\$150 B

SERVICEABLE AVAILABLE MARKET

- About 60% of all waste comes from cities, offices, and institutions.
 - Smart collection solutions can cover around 30% of TAM.
-

\$300 M

MARKET SHARE

- Stage 1 (Uzbekistan pilot) – \$0.3–3 million/year
- Stage 2 (Central Asia + CIS expansion) – \$20–30 million/year
- Stage 3 (10 countries scale-up) – \$100–300 million/year
- At just 0.2% of SAM, EcoBin could reach:

Competitors Analysis

	Cost-Efficient	Advanced AI Integration	Connectivity & Software	Local Manufacturing
				
				
				

ROADMAP



Eco-driven team



**Khurshida
Saydullayeva**

5+ years in
Software engineering



**Oysara
Makhmudova**

4 years in
Product Management



**Nurmukhamad
Nuriddinov**

2+ years in
AI/ML Engineering



**Makhkambek
Teshabayev**

3+ Mechanical and
Robotics Engineering



**Shukrullo
Sodikov**

3+ Mechanical and
Robotics Engineering

