



ATOMYX

\$ATMX Whitepaper

From waste to value.

A Proof-of-Recycling network for the United States and Europe

Version 1.0 · October 2026 · x.com/ATOMYXAI · t.me/ATOMYXAI

1. Executive summary

ATOMYX is a waste collection and recycling network for the United States and Europe. It uses AI to sort waste and a blockchain ledger to record every kilogram that is verified as recycled.

ATOMYX does not invent new recycling technology. It connects proven commercial tools: IoT scales at drop-off points, AI cameras and robot pickers in sorting stations, and mechanical and chemical recycling at partner plants, all tied together by one data trail.

The **\$ATMX** token rewards residents and collectors by the weight of recycled waste that has been verified, pays for services inside the network, and gives holders a say in how the network is run. Revenue comes from selling recycled materials, plastic credits and business services. It does not depend on issuing new tokens.

Slogan: From waste to value.

2. The problem: waste grows faster than we can recycle it

The United States produced about **292.4 million tons** of municipal solid waste in 2018, and recycled only about **9%** of its plastics ([US EPA](#)). The European Union recycled **41%** of its plastic packaging waste in 2022, which means most of it was still burned, landfilled or exported; each EU resident generated **36.1 kg** of plastic packaging waste that year ([Eurostat](#)).

- **Poor sorting at the source:** mixed waste loses its value and makes manual sorting expensive.
- **Collectors go unrewarded:** independent collectors, small haulers and scrap yards do much of the work, earn little and leave no data.
- **No transparency:** brands and municipalities cannot prove how much plastic was really collected and recycled.
- **Doubtful ESG and plastic credits:** paper-based inputs are hard to verify independently, just as EU and US rules start asking for proof.

ATOMYX focuses on three things: getting more waste sorted correctly, paying the people who collect it, and producing data that can be checked for every kilogram.

3. Technology and operations

ATOMYX links technology that is already in commercial use into one closed loop, and every step produces data that can be checked.

Component	Technology	Role
ATOMYX Point	Drop-off point with IoT scales, cameras and QR check-in	Residents and collectors drop off sorted waste; the weight is recorded, photographed and logged
ATOMYX Collect	Mobile app for collectors with GPS tracking	Logs each collection trip, its weight and the waste's origin

Component	Technology	Role
ATOMYX Sort	Sorting station with AI cameras, near-infrared (NIR) sensors and robot pickers	Sorts by plastic type (PET, HDPE, PP...), metal and paper
ATOMYX Process	Partner recycling plants: mechanical recycling, plastic pyrolysis, e-waste metal recovery	Turns sorted waste into recycled resin, fuel and recovered metals
ATOMYX Ledger	Blockchain that records the data	Logs each batch from drop-off to recycler, open for audit

Flow: collect → weigh and photograph at the Point → move to the sorting station → AI sort and reweigh → partner recycler confirms receipt → every step is recorded on-chain.

Measurement, reporting and verification (MRV): each batch gets a unique ID. Its weight is matched at three points: the drop-off Point, the sorting station and the recycler's receipt. If the figures differ by more than 5%, the batch is held for review. ATOMYX aims to meet the [Verra Plastic Program](#) standard so it can issue collection and recycling credits.

4. The \$ATMX token and Proof-of-Recycling

\$ATMX has a fixed supply of 1,000,000,000 tokens. There is no mining, and no new tokens are ever issued. Recycling rewards come from a pre-allocated community pool and are paid by the weight of waste that has passed verification.

1. A resident or collector delivers waste to an ATOMYX Point; its weight and type are recorded.
2. The batch passes the sorting station and the partner recycler confirms receipt.
3. When the data at all three checkpoints match, a smart contract pays \$ATMX to the person who delivered it, at the current reward rate.

Reward rate: set in \$ATMX per kilogram and different for each material, depending on its recycling value. The DAO adjusts the rate by vote so the community pool lasts for many years.

What the token is used for:

- **Collection rewards:** paid to residents and collectors by verified weight
- **Paying for services:** door-to-door pickup and weight reports for businesses
- **Operator staking:** Point operators stake \$ATMX as a bond and lose part of it if they report false weights
- **Governance:** voting on reward rates, new cities in the US and Europe, and the environment fund

Revenue model: sales of sorted recycled materials; sales of plastic credits once certified; collection fees and reports for businesses. Part of the revenue, at a rate set by the DAO, buys \$ATMX on the market to refill the reward pool or to burn.

Item	Value
Name	ATOMYX
Ticker	\$ATMX
Max supply	1,000,000,000 (fixed)
Network	EVM-compatible blockchain, final choice before launch
Distribution	Proof-of-Recycling, paid from the community pool

5. Tokenomics

35% of the total supply goes to the community and is paid out over time as recycling rewards for verified weight. Team and partner vesting is written into the smart contract and published on-chain.

Allocation	Share	\$ATMX	Unlock
Community & recycling rewards	35%	350,000,000	Paid out by verified recycled weight
Collection points & sorting operations	20%	200,000,000	6-month lock, 24-month vesting
Liquidity	15%	150,000,000	Unlocked at launch
Team	10%	100,000,000	12-month lock, 36-month vesting
Environment fund	10%	100,000,000	Spent by DAO vote
Partners & marketing	10%	100,000,000	18-month vesting
Total	100%	1,000,000,000	

Trading tax: 2% per trade: 1% is burned and 1% goes to the environment fund.

6. Ecosystem and participants

Every group in the chain has a clear role and is paid for real work:

Group	What they do	What they get
Residents	Sort at home and drop off at an ATOMYX Point	\$ATMX by weight, with history in the app

Group	What they do	What they get
Independent collectors & scrap yards	Register in ATOMYX Collect and deliver to sorting stations	Material price plus an \$ATMX bonus, with income on record
Businesses & brands	Buy collection services, plastic credits and weight reports	Verifiable data for ESG/CSRD reports and packaging EPR obligations in the EU and US states
Operating partners	Open a franchise Point and stake \$ATMX as a bond	Operating fees and a share of material revenue
Token holders	Vote in the DAO	Decide reward rates, new cities and the environment fund

Public data dashboard: anyone can see the total weight collected by city and material, the \$ATMX paid out as rewards, and the amount burned.

7. Roadmap: from a US pilot to the US and Europe

The roadmap starts small with a pilot in one US city, then expands to cities in the US and the European Union. Timelines are targets and depend on funding, permits and partners.

- 1. Phase 1 – Foundation (months 0–6):** legal setup in the US and EU and choice of blockchain; ATOMYX Collect v1; agreements with 1–2 US recycling partners; 3–5 pilot Points in one US city
- 2. Phase 2 – Pilot (months 6–12):** first sorting station with AI cameras, 5–10 tonnes/day; first independent data audit; \$ATMX launch and recycling rewards where legally permitted
- 3. Phase 3 – Scale (months 12–24):** 50+ Points across 2–3 cities in the US and the EU; Verra Plastic Program filing; reporting service for EPR and CSRD
- 4. Phase 4 – Expansion (month 24+):** franchised Points across the US and Europe; DAO-run rewards and funds; e-waste recovery under EU WEEE rules and US state programs

To be announced before the token launch: the pilot city, the names of recycling partners, team information and the legal entities.

8. Brand identity and community

- **Logo:** an atom, its nucleus a small cube of waste breaking up into glowing particles
- **Main colors:** charcoal, electric violet and neon green on a dark background
- **Mascot:** "Atom", a small sorting robot, the face of the ATOMYX Sort stations
- **Community name:** The Reclaimers, the people taking the planet back
- **Hashtag:** #AtomizeTheWaste

Community activities: monthly clean-up challenges (before-and-after photos earn rewards), meme contests featuring Atom, and an airdrop event every time 1,000 tonnes of waste are processed.

9. Risks and legal notice

This document describes the planned direction of ATOMYX. It is not an offer of securities, an offer to sell, or investment advice. Figures on capacity, collection points and timelines are targets, not results already achieved.

- **Legal:** token rules differ in the US and in each EU member state. Before launch, ATOMYX will obtain legal advice on US federal and state rules and on the EU Markets in Crypto-Assets Regulation (MiCA), and may restrict access in some jurisdictions.
- **Operations:** the project depends on recycling partners, permits and recycled material prices, which change with the market.
- **Data:** there is a risk of false weights at drop-off points. Three-point matching, operator staking and independent audits reduce it.
- **Certification:** filing under the Verra Plastic Program is not guaranteed to be approved; credit revenue starts only after the project is certified.
- **Market:** the price of \$ATMX may be volatile and holders may lose part or all of its value.

Sources

- [US EPA – National Overview: Facts and Figures on Materials, Wastes and Recycling](#)
- [Eurostat – 41% of plastic packaging waste recycled in 2022](#)
- [Verra – Five things you should know about plastic credits](#)