

# MASS & ENERGY

Stockpiling what the future can't do without.

A two-token accumulation protocol on Solana. Trading fees are converted into tokenized real-world assets, the metals, energy and infrastructure the world will need more of every year, and the profits buy the tokens back every week.

**\$MASS** · the physical economy

**\$ENERGY** · the power economy

THE IDEA

# One mission. Two tokens. Two real economies.

Some things only get scarcer, and more expensive, with time: the metals that build cities, the power that runs them, the infrastructure that connects them. Mass & Energy exists to accumulate exactly those assets in tokenized form, and to keep buying while everyone else chases the next narrative.

**\$MASS** / the physical economy

Fees buy tokenized industrial metals and the raw resources behind construction and heavy industry. The hard backbone of everything we build.

- Tokenized industrial metals (copper, aluminium, steel)
- Construction materials and inputs
- Industrial and resource commodities

**\$ENERGY** / the power economy

Fees buy renewable-energy equities, tokenized carbon-credit markets and energy-infrastructure projects. A stake in how the world is powered.

- Renewable energy company shares
- Tokenized carbon credit markets
- Energy infrastructure projects

THE MECHANISM

A flywheel between crypto and the real world.

**01 · Fees**

Every trade on Pump.fun generates fees for MASS and ENERGY.

**02 · Buy RWAs**

Each token spends its fees on its own basket of tokenized real assets.

**03 · Profit**

Appreciation and margins build across the accumulated holdings.

**04 · Buyback**

At each weekly close, the profit buys back the token that earned it.

**WEEKLY BUYBACK**

Every week the profit goes home. Gains from a token's assets buy back that exact token. **MASS profit buys MASS, ENERGY profit buys ENERGY.** No mixing, no leakage.

WHY NOW · THE NUMBERS

# The real-world tailwinds, in figures.

Independent, current data (2024-2026) from the IEA, BloombergNEF, the World Bank, the World Gold Council, RWA.xyz and DefiLlama. Forecasts are labelled FCST.

**\$26-30B**

On-chain RWA value (excl. stablecoins), early 2026  
Chainalysis · RWA.xyz

**+266%**

RWA on-chain growth in 2025  
RWA.xyz

**\$2-16T**

Tokenized assets by 2030 **FCST**  
(McKinsey low / BCG high)  
McKinsey · BCG/ADDX

**~30%**

Copper supply deficit by 2035 **FCST**  
IEA Critical Minerals 2025

**\$3.3T**

Global energy investment in 2025 (\$2.2T clean, 2:1 vs fossil)  
IEA

**\$21.4T**

Power-grid investment needed by 2050 **FCST**  
BloombergNEF

**\$100B+**

Carbon-pricing revenue (compliance), 2024  
World Bank

**\$1.1T/yr**

Carbon market by 2050, high-quality scenario **FCST**  
BloombergNEF

**863 t**

Central-bank gold buying in 2025 (store-of-value demand)  
World Gold Council

**\$1.78B**

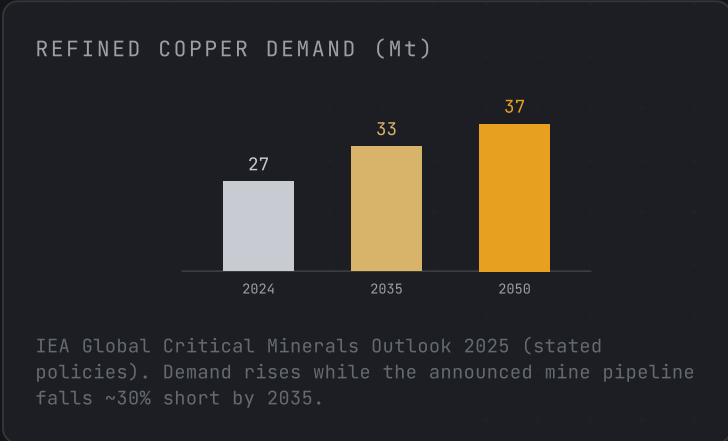
Cumulative fees generated by **Pump.fun**, the launch venue, all-time.

DefiLlama · ~\$1.18B revenue, ~\$443M annualized run rate (2026). The fee-to-buyback flywheel already works at scale.

\$MASS · THE PHYSICAL ECONOMY

# The metals the future is structurally short of.

Electrification, power grids, EVs, AI data centers and the energy transition all run on more metal per unit of GDP than the economy they replace, while new supply takes ~17 years to come online. The result is a widening, structural deficit in exactly the materials MASS accumulates.



**-40%**

Fall in average copper ore grades since 1991  
IEA / S&P Global

**14 vs 225**

New copper deposits found last decade vs the prior 23 years  
S&P Global / IEA

**\$15,000/t**

Goldman Sachs LME copper, 2035  
**FCST**  
Goldman Sachs Research

**~292kt**

Aluminium deficit in 2026 **FCST**  
(surplus → deficit)  
Bank of America

**<\$75M**

Tokenized industrial metals on-chain today (vs ~\$2.6B tokenized gold) = early  
CoinGecko / RWA.xyz

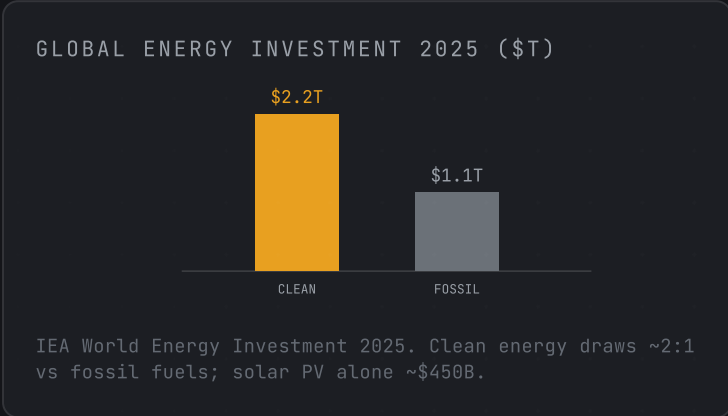
**WHY IT MAPS TO \$MASS**

The IEA's ~30% copper deficit by 2035 and a 40% drop in ore grades are the literal "assets the future needs more of": structurally undersupplied metals whose long-run scarcity underpins MASS accumulating tokenized industrial metals and construction resources, a segment still under \$75M on-chain today.

\$ENERGY · THE POWER ECONOMY

# Capital is pouring into how the world will be powered.

Clean energy now attracts twice the capital of fossil fuels, AI is driving a step-change in electricity demand, and the grid that ties it together is the multi-trillion-dollar bottleneck. Carbon markets add a second, policy-driven leg.



**\$21.4T**  
 Power-grid investment needed by 2050 **FCST**  
 BloombergNEF

**485 → 950**  
 Data-centre electricity demand (TWh) doubling by 2030 **FCST**, AI-led  
 IEA / S&P Global

## CARBON MARKETS

**\$100B+**  
 Compliance carbon-pricing revenue, 2024 (~28% of emissions priced)  
 World Bank

**€60-95**  
 EU ETS carbon price range, 2025-26 (tightening 2040 target)  
 carboncredits.com

**\$1.1T/yr**  
 Carbon market by 2050, high-quality scenario **FCST**  
 BloombergNEF

**WHY IT MAPS TO \$ENERGY**

A 2:1 clean-vs-fossil capital ratio, a \$21.4T grid gap to 2050 and AI-driven power demand give ENERGY a multi-decade tailwind across renewable equities and infrastructure. Carbon adds a policy-driven leg; integrity remains the open debate, with the upside concentrated in high-quality and removal credits.

ON-CHAIN WRAPPER & VALUE ACCRUAL

# Tokenization makes it buyable. Buybacks make it accrue.

Real-world assets are moving on-chain fast, giving the protocol a verifiable, fractional, 24/7 way to hold them. And fee-funded buybacks, Wall Street’s oldest trick imported into tokenomics, are now a mainstream, proven value-accrual mechanism.

**\$26-30B**

RWA on-chain, early 2026 (+266% in 2025)

Chainalysis · RWA.xyz

**\$2.4B+**

BlackRock BUIDL tokenized treasury fund

Securitize / CoinDesk

**~\$370M**

PUMP bought back & burned (~36% of supply), then 50% of revenue ongoing

CoinDesk / Pump.fun

BUYBACK IS A PROVEN FLYWHEEL, NOT A GIMMICK

**~\$386M**

HYPE repurchased by Hyperliquid (~97% of fees)

DWF Labs

**50%**

Of Jupiter fees used to buy and lock JUP

Jupiter

**~\$800M**

Crypto tokenholder revenue, Q3 2025 (+400% YoY) **EST**

Messari (via FXStreet)

THE MASS & ENERGY LOOP

Pump.fun trade fees → buy tokenized RWAs (per token) → assets appreciate →

weekly close: profit buys back the token ↻

Mass & Energy’s design, “use trading fees to buy appreciating real-world assets, then buy back the token at each weekly close”, sits squarely in the validated buyback-and-burn / buyback-and-make trend, layered on a venue whose own fee-to-buyback loop already runs at billion-dollar scale.

THE ACCUMULATION THESIS

# Scarce, necessary, and a proven store of value.

The physical and power economies need far more metals, energy and infrastructure than supply can deliver, and hard assets have historically preserved purchasing power. Accumulating them, patiently, is the whole point.

**\$2.3T**

Global energy-transition investment, 2025 (+8% YoY)  
BloombergNEF

**~\$5,595**

Gold all-time high (oz), Jan 2026; JPM eyes \$6,000 by year-end **FCST**  
CME / J.P. Morgan

**~40%**

Projected lithium supply deficit by 2035 **FCST**  
IEA

ROADMAP

**Phase 01**

Launch both tokens on Pump.fun; fee accrual from day one.

**Phase 02**

First tokenized allocations: metals for MASS, renewables for ENERGY.

**Phase 03**

First weekly buyback cycle + public on-chain holdings view.

**Phase 04**

Expand the basket: carbon markets, larger infrastructure.

**IMPORTANT · NOT FINANCIAL ADVICE**

Mass & Energy is an experimental crypto project. This document is informational only and is not financial, investment or legal advice, nor an offer or solicitation. Crypto assets are highly volatile and you can lose your entire investment. Statistics are dated 2024-2026 and sourced as cited; items marked **FCST** (forecast) or **EST** (estimate) are projections that may not materialise. Real-world asset and tokenized-carbon markets carry custody, counterparty, regulatory and credit-quality risks. Always do your own research.

SELECTED SOURCES

IEA · Global Critical Minerals Outlook 2025 & World Energy Investment 2025 · BloombergNEF · power grids / energy-transition / carbon · World Bank · carbon pricing revenues 2024 · World Gold Council · central-bank gold · S&P Global · Copper in the Age of AI · Goldman Sachs Research · copper · RWA.xyz & Chainalysis · RWA on-chain · BCG/ADDX & McKinsey · tokenization forecasts · Defillama & Pump.fun docs · fees/buybacks · CoinDesk · PUMP burn · CFA Institute & London Business School · real assets as inflation hedge. Full URLs published alongside this brief.