

5.6 Manaia Token Eco System

Comparative Perspective: Manaia vs. Traditional Alternatives

The Manaia Token Ecosystem represents an investment model rooted in sustainability, and decentralized finance. While the projections outlined in this paper are illustrative and subject to change, they may offer a compelling contrast to conventional investment vehicles:

Investment Type	Liquidity	Accessibility	Yield Potential	ESG Alignment	Transparency
Manaia Token Ecosystem	High (Tokenize)	Broad (via platform)	Variable, with upside	Strong (carbon-linked)	Blockchain-based
Public Equities	Moderate	Broad	Market-dependent	Varies by sector	Regulated disclosures
Private Equity	Low	Limited (accredited)	High, long-term	Often limited	Opaque structures
Real Estate	Low–Moderate	Moderate	Stable, asset-backed	Location-dependent	Varies widely
Crypto (general)	High	Broad	Volatile	Mixed	Transparent ledger

5.7 Immediate Investment Prospect(s)

Manaia through its partner network has immediate access to a development, project investment and potential corporate investment pipeline of mainly off market ET transactions, which emanate from Manaia's 120 year+ combined global industry experience. A majority of the ET opportunities we see are based in North America, but we are also currently pursuing a limited number of international opportunities through our partner network

Most of our projects are immediately investable within customary due diligence periods, and have been or will be screened through Manaia's evaluation process described earlier. They include window film applications that may increase building efficiency by up to 20%, Solar energy and biogas to power projects in Western Canada, and the West Coast of the USA, and tidal energy projects in the UK.

Small edge data centers (distributed) in the 5MW range are also being reviewed in combination with distributed solar and battery storage opportunities, given the rapid advancement of AI and data center activity in the US.

For many of the investment opportunities significant state, federal, and philanthropic funding is potentially available, to compliment Manaia's investments. This mix of funding is particularly helpful for SME's, and tends to reduce risk for Manaia, while providing a boost to potential investment returns.

Investment returns on the use of funds which may be utilized in the late stage development phase, are projected to be in the 15-25%. For project and corporate investments (being supported by revenue sources such as State low carbon fuels credits, Federal Clean Electricity Investment Credits, sale of commodity electricity, and grants etc) we project renewable gas and fuel returns in the 12-15%, Solar and Battery storage 10%+, Tidal Energy 10-12%, Energy efficiency 8%+. Data centers at distributed small scale 8%+ (based on land leasing).

Immediate use of funds, assuming USD \$10 million is raised (net USD \$7 million to projects):

- USD \$1-2 million for Renewable Fuels, Western Canada/West Coast USA
- USD \$2-3 million Solar and Battery Storage, Western USA
- USD \$1-2 million Tidal Energy, UK

The financial and ecosystem assumptions and projections following are intended as illustrative examples to demonstrate potential outcomes under a defined set of assumptions. These forward-looking estimates are based on anticipated platform adoption, Token velocity, carbon credit issuance volumes, and macroeconomic indicators such as inflation. As such, they are inherently speculative and subject to change. The actual performance may differ materially due to evolving market conditions, regulatory shifts, technological developments, and user behaviours.

Assumptions for an illustrative example only

Platform Growth

- **SMEs on Platform:** Begins with 2 in 2026 and grows by 3 each year, reaching 17 by 2031, or this could be one or more larger SMEs with growth potential.
- Assumes steady adoption of the Manaia platform by sustainability-focused small and medium enterprises.

Economic Factors

- **CPI (Consumer Price Index):** Fixed at **3% annually**, influencing Token price growth and economic modeling.

Token Mechanics for the Manaia Platform

- **Minting Rate (CO2c):**
 - 200 million Tokens minted and sold in 2026, then 350 million in 2027, 2028, and 500 million in 2029,2030,2031
 - Assumes controlled inflation and Token availability for Ecosystem scaling.

- Assumes Manaia's ability to market and sell the volumes of Tokens minted in a given year.

- **Token Velocity (Number of times the coin is traded):**

Increases linearly from 1.0 to 5.0, reflecting a conservative view of growing transaction velocity, volume and platform utility.

- **Token Price:**

- Starts at \$0.05 in 2026 and increases annually, influenced by CPI and velocity.

Market Capitalization

- **Base Market Cap:**

- Calculated as: $\text{Minting Rate} \times \text{Token Velocity} \times \text{Token Price}$

- **Cumulative Base Market Cap:**

- Sum of all prior years' Base Market Cap.

Revenue Allocation

- **Manaia Fees:**

- Fixed at **10% of Base Market Cap** annually.

- **Net Project Funding:**

- Remaining 90% of Base Market Cap after Manaia Fees.

- **Carbon Revenue:**

- Starts at **10% of Base Market Cap** in 2026 and declines by 1% annually to 5% in 2031.

- **Coin Holder Carbon Revenue Share:**

- 50% of Carbon Revenue distributed to coin holders.

- **Staking Rewards:**

- Fixed at **10% of Base Market Cap**, representing additional incentives for staking participation, which is optional on the part of investors.

For a single Accredited Investor In 2026 if you made an;

- Initial Investment: \$1,000
- Token Price in 2026: \$0.05
- Tokens Purchased: 20,000 Tokens
- Staked Tokens: 2,000 Tokens (10% of holdings)

Then your return might look like the following:

Token Value Growth (2026-2031)

Year	Token Price	Value of 20,000 Tokens
2026	\$0.0500	\$1,000
2027	\$0.06875	\$1,375
2028	\$0.08750	\$1,750
2029	\$0.10625	\$2,125
2030	\$0.12500	\$2,500
2031	\$0.14375	\$2,875

Staking Rewards (2,000 tokens staked)

Your share = 0.01% of staking pool.

Year	Staking Rewards total Pool	Your Share
2026	\$1,000,000	\$100
2027	\$4,331,250	\$433.13
2028	\$7,962,500	\$796.25
2029	\$18,062,500	\$1,806.25
2030	\$26,250,000	\$2,625.00
2031	\$35,937,500	\$3,593.75
Total		\$9,354.38

Carbon Revenue Share (20,000 tokens)

Carbon revenue % declines 10% → 5% (2026–2031). Coin-holder share = 50%.

Your share = 0.008% of coin-holder pool.

Year	Carbon %	Carbon Revenue	Coin Holder Share	Your Share
2026	10%	\$1,000,000	\$500,000	\$40
2027	9%	\$3,897,563	\$1,948,781	\$155.90
2028	8%	\$6,370,000	\$3,185,000	\$254.80
2029	7%	\$12,643,750	\$6,321,875	\$505.75
2030	6%	\$15,750,000	\$7,875,000	\$630.00
2031	5%	\$17,968,750	\$8,984,375	\$718.75
Total				\$2,305.20

Final Return by 2031

Component	Value
Token Value	\$2,875
Staking Rewards	\$9,354.38
Carbon Revenue	\$2,305.20
Total Value (2031)	\$14,534.58

6. Tokenomics

