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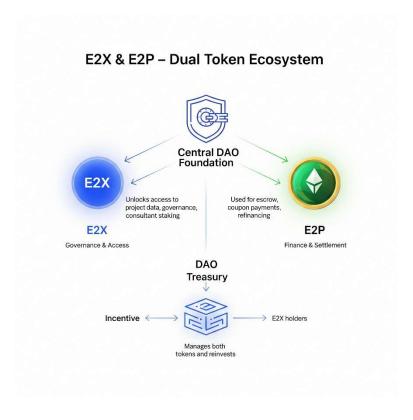
E2X & E2P – Gateway to Renewable Energy Finance

"From Knowledge to Participation: Powering renewable energy finance through tokenized consultancy and settlement"

Executive Summary

The E2X–E2P dual-token system provides a revolutionary ecosystem for renewable energy finance, combining mechanical carbon credit certification with blockchain-based settlement. E2X serves as a governance and staking token, while E2P functions as the primary settlement token for carbon credits and project financing.

Our innovative approach simplifies carbon credit certification through mechanical verification based on installation capacity and actual energy generation, eliminating the complexity and delays of traditional certification processes. This system enables direct connections between renewable energy projects in developing countries and carbon credit buyers in developed markets.



Key innovations include:

- Mechanical Carbon Credit Certification: Automated calculation based on real energy generation data
- Enhanced Staking Requirements: 5% E2X staking of loan value at market price
- Interest Security Mechanism: 6-month interest deposit in E2P tokens
- **Direct Settlement System**: E2P tokens for instant carbon credit transactions
- DAO-Governed Marketplace: Transparent project financing and carbon credit trading
- Investor Credit Rights: Clear vesting of carbon credit selling rights with investors or project designating bodies

This ecosystem creates a self-sustaining cycle where renewable energy deployment generates verifiable carbon credits, which are seamlessly traded using E2P tokens, with proceeds automatically reinvested into new projects through the DAO treasury.

Introduction



The global transition to renewable energy faces significant financing bottlenecks, particularly in developing countries where the need is greatest. Traditional carbon credit markets are plagued by complexity, high costs, and lengthy verification processes that delay revenue for project developers and limit market access.

The E2X-E2P ecosystem addresses these challenges through:

- Simplified Certification: Mechanical verification based on actual energy output
- Streamlined Financing: Direct access to DAO-governed capital
- Instant Settlement: Blockchain-based transactions using E2P tokens
- Global Marketplace: Direct connections between projects and carbon credit buyers
- Investor Credit Rights: Clear ownership and trading mechanisms for carbon credits

This white paper outlines how our dual-token system creates a more efficient, transparent, and accessible renewable energy financing mechanism that accelerates deployment while ensuring environmental integrity and protecting investor rights.

Market Opportunity



Developing countries are targeting massive renewable energy rollouts, creating unprecedented demand for innovative financing solutions:

- India: 450 GW renewable energy target by 2030
- **Brazil**: 48 GW renewable capacity expansion by 2030
- Southeast Asia: \$1.2 trillion investment needed by 2030
- Africa: 320 GW renewable energy potential by 2040

Simultaneously, developed country corporations face increasing pressure to meet ESG commitments:

- EU Carbon Border Tax: Creating demand for verifiable carbon credits
- Corporate Net-Zero Pledges: 500+ major companies committed to carbon neutrality
- Sustainable Finance Regulations: Mandatory climate risk disclosure

The E2X-E2P ecosystem bridges this gap by:

- Accelerating Project Deployment: Simplified certification and financing
- Ensuring Credit Integrity: Mechanical verification of actual energy generation
- Creating Market Efficiency: Direct settlement and transparent pricing
- Building Sustainable Growth: DAO reinvestment in new projects
- Protecting Investor Rights: Clear vesting of carbon credit selling rights

Problem Statement

Current Market Inefficiencies

- 1. Financing Bottlenecks
 - Limited access to capital for renewable projects in developing countries
 - High transaction costs and lengthy approval processes
 - Currency exchange and repatriation challenges

2. Carbon Market Complexity

- Traditional certification takes 6-18 months
- Verification costs \$15,000-50,000 per project
- Multiple standards with limited interoperability
- Unclear ownership and trading rights for carbon credits

3. Settlement Inefficiencies

- Manual processes for credit transfer and payment
- Limited transparency in transaction history
- High intermediary fees reducing project returns

4. Market Fragmentation

- Separation between project financing and carbon credit markets
- Limited direct access between projects and buyers
- Inconsistent pricing and valuation methodologies
- Ambiguous rights structures for carbon credit ownership

The Need for Innovation

The renewable energy sector requires:

- Simplified Certification: Faster, cheaper verification of carbon credits
- Integrated Financing: Seamless connection between capital and projects
- Instant Settlement: Real-time transaction processing
- Transparent Markets: Clear pricing and immutable transaction records
- Clear Rights Structure: Well-defined ownership and trading mechanisms for carbon credits

E2X & E2P Solution

E2X Token – Governance & Staking



E2X is the governance and staking token that powers the ecosystem, providing access to project financing and decision-making rights.

Key Functions:

- Governance Rights: Vote on project financing, system parameters, and DAO operations
- 2. Staking Mechanism: Required for project financing applications
- 3. **Consultancy Access**: Entry to project data rooms and financial models
- 4. **Network Security**: Protection through economic incentives

Staking Requirements:

Applicants must stake **5% of the proposed loan value in E2X tokens** at the market price on the loan application date.

Token Allocation and Pricing:

Tier	Purchase Quantity	Price per Token	Tokens Allotted
1	1-9 tokens	\$300	200,000
2	100+ tokens	\$200	200,000
3	500+ tokens	\$100	200,000
Exchange Listing	N/A	\$500 (listing price)	200,000

Total Tokens Sold: 600,000 E2X **Total Raised**: \$120,000,000

Exchange Listing: 200,000 E2X tokens to be listed on October 1, 2026 at \$500 per E2X and

initial E2X token Holders are given first priority for lending.

This staking mechanism ensures:

• Skin in the Game: Applicants have financial commitment to project success

• **Risk Mitigation**: Staked tokens provide security for the DAO

• Quality Control: Serious projects with viable plans are prioritized

Additional Benefits:

• Consultancy Accreditation: E2X holders can become certified consultants

• Revenue Sharing: Percentage of transaction fees distributed to stakers

• **Priority Access**: First consideration for new investment opportunities



E2P Token – Settlement & Utility



E2P is the utility and settlement token that facilitates all transactions within the ecosystem, including carbon credit trading, loan disbursements, and interest payments.

Key Functions:

- 1. **Settlement Token**: Medium of exchange for all ecosystem transactions
- 2. Interest Security: 6-month interest deposit for loan applications
- 3. Carbon Credit Trading: Direct purchase and settlement of carbon credits
- 4. Ecosystem Access: Required for participation in marketplace activities

Interest Security Mechanism:

Applicants must deposit **6 months of interest in E2P tokens** based on their proposed interest rate (normally between 4-12% annually).

Example Calculation:

- Proposed loan value: \$1,000,000
- Proposed interest rate: 8% annually
- 6-month interest: \$1,000,000 × 8% × 6/12 = \$40,000
- E2P tokens to deposit: \$40,000 ÷ current E2P market price

This mechanism ensures:

- Interest Security: Guaranteed interest payments for investors
- Commitment Verification: Applicants demonstrate ability to service debt
- Risk Pricing: Market-based interest rates reflect project risk

Additional Benefits:

- Transaction Efficiency: Instant settlement with minimal fees
- Price Stability: Buyback program maintains token value
- Market Access: Entry to carbon credit marketplace

E2P Private Placement:

- Private Placement: 1,000,000 E2P tokens from private placement at \$100 USDT each
- Lending Mobilization: \$100 million from E2X listing proceeds

• **Exchange Listing**: E2P tokens to be listed on October 1, 2026 at \$200 USDT each at present it will be listed at 100 BZeUSD at uniswap



E2X Tokenomics

Token Specifications

• Token Name: E2X Governance Token

• Token Symbol: E2X

• Blockchain: Polygon Matic

• Token Type: ERC-20

• **Contract Address**: 0x4A4664dE346c990cA8b4Cc4A608E32d5A1Af707

• **Total Supply**: 1,000,000 tokens

• Intial market value issued 200000 Tokens at 300 BZeUSD at uniswap

Token Distribution

Category	Quantity	Percentage	Details
Tier 1 Sale	200,000	20%	1-9 tokens at \$300 each
Tier 2 Sale	200,000	20%	100+ tokens at \$200 each
Tier 3 Sale	200,000	20%	500+ tokens at \$100 each
Exchange Listing	200,000	20%	Listed at \$500 on October 1, 2026
Reserved	200,000	20%	Reserved for ecosystem development

Fundraising Details

• Total Raised: \$120,000,000

• Initial Sale Period: 1st October to 2025 to 31st March 2026

• Exchange Listing Date: October 1, 2026

• Initial Listing Price: \$500 per E2X

• E2P Private Placement: 1,000,000 E2P tokens at \$100 USDT each

• Lending Mobilization: \$100 million from E2P listing proceeds

Circulation Rules

• Maximum per Holder: 1,000 tokens

• Circulating Supply: 80% (800,000 tokens)

• **Reserved Supply**: 20% (200,000 tokens)

• **Ecosystem Fee**: 2% of all transactions to DAO Treasury



Staking Mechanics

1. Loan Application Staking:

- 5% of loan value in E2X tokens at application date market price
- Staked tokens locked until loan repayment

2. Staking Rewards:

- 1% of transaction fees distributed to E2X stakers
- Additional rewards for successful project completion
- Governance voting power proportional to staked amount

3. Staking Penalties:

- Forfeiture of staked tokens for project default
- Reduced rewards for late repayments
- Temporary suspension of voting rights during loan period

E2P Solution (Finance & Settlement Token)



Token Specifications

• **Token Name**: E2P Utility Token

Token Symbol: E2P

• Blockchain: Polygon Matic

• Token Type: ERC-20

• Contract Address: 0x63453aBC2791e36cAE5b43E49080311129B939D2

Total Supply: 11,000,000 tokens

Token Distribution

Category	Quantity	Percentage	Details
Private Placement	1,000,000	9.09%	At \$100 USDT each
*Promotion 9.09 (Books+LP) + Promoters 9.09%	2,000,000	18.18%	E2X holders (600Kand book purchasers)
Public Sale	8,000,000	72.73%	Phased sale to public

*E2p distribution details for 2 Million:*1 Million Token Reserved for Promoters at 1BZ DZIT DAO LLC and Administrator eauqlly locked for 2 years. 600000 tokens freely distributed to e2x token holders. 300000 tokens sold as book promotions and advertisements. Prometers and Promotional tokens issue and liquidiation are at the discretion of 1BZ DZIT DAO LLC subject to 2 Years Lock in for the tokens. For Voting and Submitting the proposals the use of tokens are allowed but sale the tokens has to be kept as it is in the wallet or escrow smart contract account.

And 100000 tokens will be given as reward for Liquidity providers at pools.

Interest Deposit Mechanism

Applicants must deposit **6 months of interest in E2P tokens** based on their proposed interest rate:

Interest Deposit = (Loan Value × Annual Interest Rate × 0.5) ÷ E2P Market Price

Interest Rate Range: 4-12% annually, determined by:

- Project risk assessment
- Technology type and location
- Developer track record
- Market conditions

Dual-Token Utility - E2X & E2P



E2P - Finance & Settlement



Token-gated access to project data and dealflow



Used for escrow and refinancing



Consultant staking to qualify as Investor Sourcing Partners



Coupon payments within ecosstem



Governance voting on DAO Treasury allocations



Distributed free to E2X holders (incentive)



DAO Vault

Together powering renewable finance.

Settlement System

E2P tokens facilitate all ecosystem transactions:

1. Project Financing:

- Loan disbursement in E2P tokens
- Interest payments in E2P tokens
- Principal repayment in E2P tokens

2. Carbon Credit Trading:

- Direct purchase of carbon credit NFTs
- Instant settlement upon verification
- Transparent transaction history

3. Fee Payments:

- Registration fees for projects
- Certification fees for carbon credits
- Transaction fees for marketplace activities

Carbon Credit Ownership and Trading Rights

Investor Rights Structure

Carbon credit selling rights always vest with **investors or project designating bodies**. For the purposes of this ecosystem, investors will be considered as having rights to carbon credits provided that project designating bodies formally entrust these credits to investors through legally binding agreements.

This clear rights structure ensures:

- Investor Protection: Clear ownership of valuable carbon assets
- Financing Incentive: Enhanced project returns through carbon credit revenue
- Market Efficiency: Streamlined decision-making for credit sales
- Legal Clarity: Unambiguous ownership structure for all stakeholders

Rights Transfer Mechanism

- Project Designation: Project designating bodies (developers, governments, etc.) formally designate carbon credit rights to investors
- 2. Legal Agreement: Binding contracts establish the transfer of rights
- 3. Blockchain Recording: Rights transfer recorded on blockchain for immutability
- 4. **DAO Recognition**: Ecosystem recognizes investor as rightful owner for trading purposes

This mechanism creates a transparent, efficient system for establishing and transferring carbon credit ownership rights within the ecosystem.

Mechanical Carbon Credit Certification

Innovation Overview

Our revolutionary approach to carbon credit certification eliminates the complexity and delays of traditional methods through mechanical verification based on actual energy generation data.

Certification Process

1. Project Registration:

- Developer submits project details (location, capacity, technology)
- System calculates expected carbon credits based on installation capacity
- E2P payment for registration fee

2. Automated Monitoring:

- IoT devices track actual energy generation in real-time
- Data transmitted to blockchain oracles
- Continuous verification of output

3. Mechanical Calculation:

Carbon Credits = Actual Energy Generated (MWh) × Grid Emission Factor

- Grid emission factors by country (pre-defined)
- No subjective assessment or complex methodologies
- Immediate calculation upon energy generation

4. NFT Certification at IPvault:

- Carbon credits converted to NFTs at https://ipvault.1bz.biz/
- Immutable record of generation and certification
- Instant transferability to investors or project designating bodies

Advantages Over Traditional Certification

Aspect	Traditional Certification	Mechanical Certification
Time	6-18 months	Minutes to hours
Cost	\$15,000-50,000 per project	<\$1,000 per project
Complexity	Multiple methodologies, subjective	Simple formula, objective
Transparency	Limited documentation	Full blockchain verification
Scalability	Limited by human capacity	Unlimited automation
Verification Risk	Human error, bias	Automated, consistent

Integration with E2P Ecosystem

1. Automated E2P Purchase:

- System automatically buys E2P tokens with carbon credit revenue
- Immediate liquidity for project developers
- Increased demand for E2P tokens

2. Loan Repayment Process:

- Proceeds from E2P liquidation used for loan repayment
- Automatic distribution to investors and DAO treasury

Reduced default risk through automated settlement

3. NFT Marketplace:

- Carbon credit NFTs traded on DAO marketplace
- Direct connection to developed country buyers
- Transparent pricing and instant settlement
- The DAO team may allow Carbon Credits disposal to loan applicant provided the deposit of loan instalment with interest is made in E2P tokens in time.

Carbon Credit Trading and Loan Repayment Process

Pre-Loan Repayment Requirements

Before every loan repayment, investors or project designating bodies must:

1. Generate Carbon Credit Certificate:

- Based on actual power generation proof
- Include power generating system efficiency details from https://copyguard.1bz.biz/
- Verify generation data through automated oracles

2. Convert Credits to NFT:

- Carbon credits must be converted to NFTs at https://ipvault.1bz.biz/
- NFT serves as immutable proof of carbon credit ownership
- NFT contains all generation and efficiency data

3. Submit Sale Proposal to DAO:

- Investors propose sale price for carbon credits
- Proposal includes all supporting documentation
- DAO evaluates proposal based on market conditions

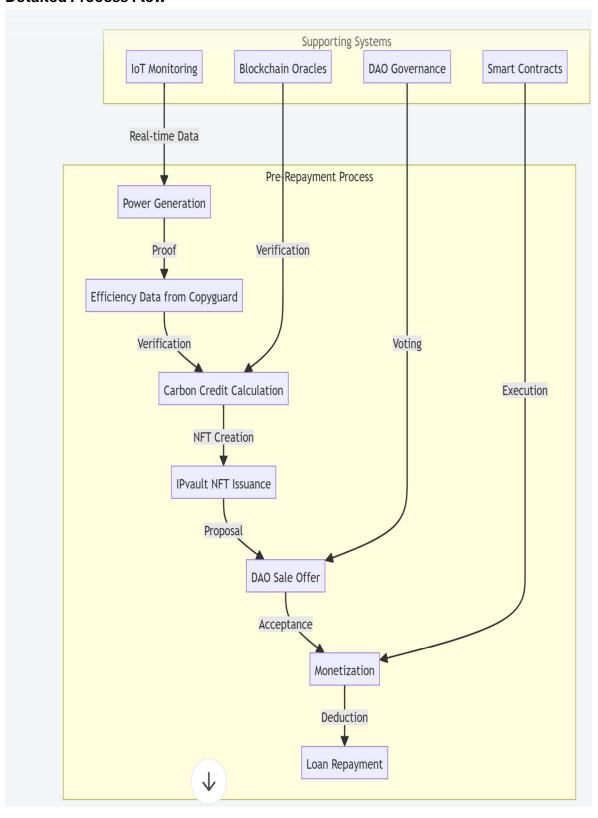
4. DAO Acceptance and Monetization:

- If DAO accepts the proposal, credits are monetized at proposed rate
- Smart contract executes sale automatically
- Funds transferred to investor's account

5. Loan Repayment Processing:

- Loan repayment accepted after deducting carbon credit value
- Remaining balance (if any) settled through other means
- Transaction recorded on blockchain for transparency

Detailed Process Flow



Benefits of This System

1. For Investors:

- Clear mechanism for monetizing carbon credits
- Transparent valuation process through DAO governance
- Efficient loan repayment using carbon assets
- Immutable proof of generation and efficiency

2. For the DAO:

- Access to high-quality carbon credits
- Transparent governance of credit valuation
- Reduced loan default risk through asset-backed repayment
- Enhanced treasury management through strategic credit acquisition

3. For the Ecosystem:

- Standardized process for carbon credit monetization
- Integration of physical asset data with blockchain verification
- Efficient connection between energy generation and financial settlement
- Increased trust through transparent, auditable processes



Governance & DAO Structure

Organizational Framework

The ecosystem is governed through a decentralized structure with clear separation of responsibilities:

1. 1BZ DZIT DAO LLC (Wyoming):

- Oversees token issuance and ecosystem promotion
- Manages day-to-day operations and development
- Implements DAO decisions and policies

2. Estonian DAO Foundation SPV:

DAO Hosted at https://app.aragon.org/dao/polygon-mainnet/0x4730E07dE346c990cA8b4Cc4A608E32d5A1Af707/dashboard?membes=admin&proposals=all

- Legal wrapper for DAO operations
- Holds treasury reserves and manages compliance
- · Provides regulatory oversight and risk management

3. DAO Governance:

- E2X token holders participate in decision-making
- Voting on project financing and system parameters
- Transparent proposal and execution process
- Special voting rights for carbon credit valuation proposals

Governance Mechanisms

1. Proposal System:

- Any E2X holder can submit proposals
- Minimum stake requirement to create proposals
- Structured format for different proposal types
- Special process for carbon credit valuation proposals

2. Voting Process:

- Voting power proportional to E2X holdings
- Quorum requirements for major decisions
- Time-locked execution for security
- Enhanced voting rights for carbon credit proposals

3. Parameter Adjustment:

- E2X staking requirements
- E2P interest deposit percentages
- Fee structures and distribution
- Buyback program parameters
- Carbon credit valuation methodologies

DAO Contract Address

Polygon Matic: 0x4730E07dE346c990cA8b4Cc4A608E32d5A1Af707/dashboard

Transaction Flow

Project Financing → 2% Fee → DAO Treasury → 1% Reinvestment → New Projects

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1% Consultant Rewards

Technology Stack

Blockchain Infrastructure

• **Primary Chain**: Polygon Matic

• Smart Contracts: Solidity with OpenZeppelin libraries

Token Standards: ERC-20 for E2X/E2P, ERC-721 for carbon credit NFTs

• Interoperability: Cross-chain bridge support for future expansion

 Since the Estonian Dao already formed the lending process can take at post sale of tokens at unswap or conclusion of Pre sale Tokens, whichever is earlier.

Oracle Systems

• **Energy Data**: Chainlink oracles for real-time generation data or one can go through Uniswap prices.

• **Price Feeds**: Market price data for E2P tokens

• Verification: Multiple oracle sources for data integrity

Key Smart Contracts

1. Project Registry Contract:

- Project registration and validation
- E2X staking mechanism
- Loan application processing

2. Carbon Certification Contract:

- Mechanical credit calculation
- NFT minting and management
- Verification and endorsement

3. Settlement Engine Contract:

- E2P token transactions
- Loan repayment processing
- Fee distribution

4. Governance Contract:

- Proposal creation and voting
- Parameter adjustment
- Treasury management

5. Integration Contracts:

- Copyguard Integration: Verification of power generation efficiency data
- IPvault Integration: NFT creation and management for carbon credits
- Repayment Processing: Carbon credit-based loan repayment system

Security Measures

- Multi-Sig Wallets: For critical operations
- Time-Lock Execution: For governance decisions
- Formal Verification: Of critical smart contracts
- **Regular Audits**: By reputable security firms

Roadmap

Phase 1: Foundation (0-6 months)

- **E2X Token Issuance**: Complete token sale and distribution
- Smart Contract Deployment: Core ecosystem contracts on Polygon
- Project Onboarding: Initial 10-20 pilot projects
- Mechanical Certification: Implementation of automated system
- Initial E2P Distribution: To E2X holders and book purchasers
- Copyguard Integration: Power generation efficiency verification system
- IPvault Integration: Carbon credit NFT creation and management

Phase 2: Expansion (6-12 months)

• **DAO Treasury Activation**: Full governance implementation

- Marketplace Launch: Carbon credit NFT trading platform
- Buyback Program: Initiation of structured buybacks
- Exchange Listings: E2X and E2P on DEX and regulated exchanges
- **Project Scaling**: Onboard 50+ projects across multiple countries
- Repayment System: Full implementation of carbon credit-based loan repayment

Phase 3: Ecosystem Growth (12-24 months)

- **Global Expansion**: Projects in 20+ developing countries
- Secondary Market: Advanced trading features for carbon credits
- Institutional Partnerships: With major carbon credit buyers
- Regulatory Integration: Compliance with emerging carbon market regulations
- **Technology Enhancement**: Al-powered verification and prediction systems
- Rights Management: Advanced systems for carbon credit ownership tracking



Legal Disclaimer

Important Notices

- 1. **Utility Tokens**: E2X and E2P are utility tokens designed for ecosystem access, governance, and settlement. They do not represent equity, debt, or profit-sharing rights.
- 2. **No Investment Advice**: This Internal document paper does not constitute investment advice. Potential participants should conduct their own due diligence.
- 3. **Regulatory Compliance**: E2X and E2P tokens are not available to U.S. or Estonian citizens, residents, or companies. Participation from these jurisdictions is prohibited.
- 4. **Risk Factors**: Participants should be aware of:
 - Market volatility and token price fluctuations
 - Regulatory changes in carbon markets
 - Technology and security risks
 - Project execution and repayment risks
 - Carbon credit valuation risks
- 5. **No Guarantees**: The issuer makes no commitment to buy back, repurchase, or provide financial guarantees regarding the tokens.whatever data provided based on assumptions set with planning.
- 6. **Carbon Credit Rights**: The vesting of carbon credit selling rights with investors or project designating bodies is subject to applicable laws and regulations in relevant jurisdictions.

Contact Information

• Website: https://consultancy.e2x.work/

• Email: ceo@1bz.biz

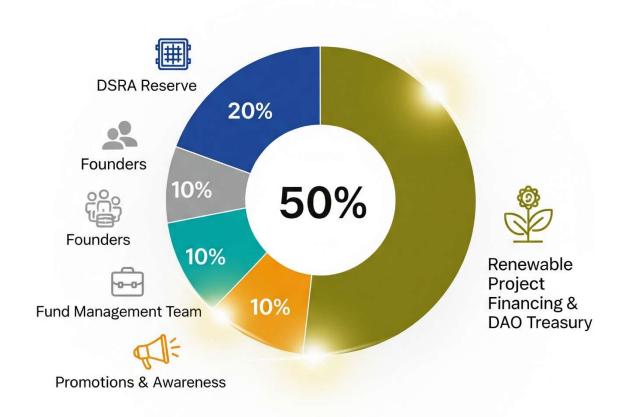
Jurisditional Restriction - No U.S. or Est an Participation



E2P is not available to U.S. U.S. citizens, residents, or companies or to Estoinian, residents, or companies.

DAO and Estonian Foundation operate outside U.S. juricitione. Global participation only

E2X Token Allocation





Conclusion

The E2X-E2P ecosystem represents a paradigm shift in renewable energy financing and carbon credit markets. By combining mechanical certification with blockchain-based settlement, we create a more efficient, transparent, and accessible system that accelerates the deployment of renewable energy in developing countries while providing verifiable carbon credits to buyers in developed markets.

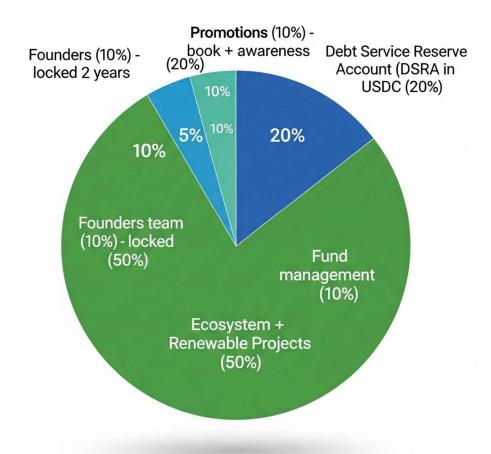
Our innovative approach to carbon credit ownership rights ensures that investors have clear, enforceable rights to carbon credits, creating a powerful incentive for renewable energy investment. The integration of Copyguard and IPvault systems provides unprecedented transparency and verification of power generation and efficiency data.

The carbon credit-based loan repayment mechanism creates a self-sustaining ecosystem where renewable energy generation directly facilitates financial obligations, reducing default risk and creating a virtuous cycle of investment and deployment.

Our innovative staking and interest deposit mechanisms ensure project quality and investor protection, while the DAO governance structure maintains transparency and community control. The result is a self-sustaining ecosystem that drives environmental impact while generating economic value for all participants.

Join us in revolutionizing renewable energy finance and creating a more sustainable future for all.

E2X Tokenomics - 1000 000 Supply



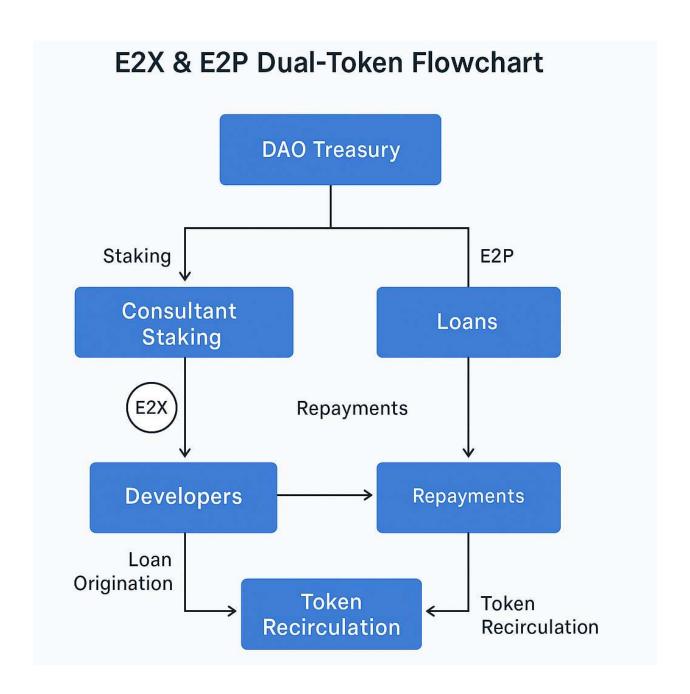
Important Notice: The official white paper, technical paper, and legal documents will be published and registered on **October 1, 2025**. From that date forward, the terms and conditions outlined in the white paper will be considered final and conclusive.

Currently, a **20%** voting majority is considered sufficient to amend any conditions in the white paper. This will be the standard for passing all resolutions until **80%** of the tokens have been sold. After this threshold is met, all decisions will be at the sole discretion of the token holders. At present the voting rights of promoters and management team are considered legal decisions on behalf of management from administrator of 1BZ DZIT DAO

LLC and the new management team can exercise their choice after Token sale formalities concluded.

Disclaimer.





E2X DAO - Transparent Governance



