EXTO : Exchange Token

Abstract: The EXTO (Exchange Token) project is an innovative initiative designed to maximize the value of digital assets and provide stable returns by merging the concepts of staking and crowd funding. Utilizing blockchain technology, this project enables transparent and efficient asset management, playing a pivotal role in the digital finance ecosystem. By integrating the concepts of staking and crowd funding, investors are afforded the opportunity to directly participate in the growth and development of various projects, receiving rewards commensurate with their performance. This approach offers a long-term asset growth strategy and provides investors with the means to navigate market volatility. By enhancing global accessibility and offering a platform that users from diverse cultures and countries can easily engage with, it secures a broad user base. The project aims to offer diverse investment opportunities to users worldwide through market diversification and expansion, with a particular focus on asset diversification in new markets.

1. Introduction

Based on blockchain technology, the EXTO project offers investors a long-term asset growth strategy and the opportunity to overcome market volatility, while providing staking operators with a chance to be at the forefront of ideas or project success. EXTO introduces a new paradigm in digital asset investment, providing the following opportunities:

- **Global Accessibility**: EXTO enhances the global accessibility of digital assets. By offering a platform designed for easy participation by users from various countries and cultures, EXTO secures a wide user base in the global market.

- **Market Diversification and Expansion**: Considering the rapid growth and volatility of the digital asset market, EXTO provides users with diverse opportunities. This can be an attractive option for users worldwide, especially those seeking asset diversification in new markets.

- **Increased Community Engagement**: Through staking, investors can directly participate in projects and receive rewards for the project's success. This forms a strong community between the project and investors, helping to build long-term relationships.

- **Risk Management for Investors**: Investment through staking can diversify risks. Investors can manage risk by investing small amounts in multiple projects.

- **Transparency and Reliability**: Blockchain-based staking provides transparency in the investment process. Since all transactions are recorded on the blockchain, investors can easily track how their funds are being used.

- **Low Cost of Capital Raising**: Crowd funding and staking allow for raising funds at a relatively low cost compared to traditional financial institutions. This is particularly advantageous for small-scale projects with

limited capital.

- **Investor Participation and Motivation**: The staking model motivates investors to become more deeply involved in the success of the project. Investors are seen not just as financiers but as partners contributing to the project′s success.

2. Overview

- **Token Overview**: EXTO implements its token using the Ethereum-based ERC-20 standard. This standard, widely recognized, standardizes functions such as token creation, transfer, and inquiry. ERC-20 tokens ensure high compatibility and efficiency, facilitating integration with various wallets and exchange platforms.

  - **Token Name**: EXTO (Exchange Token)
  - **Token Type**: ERC-20
  - **Total Supply**: 1 billion tokens

- **Staking Mechanism**: The EXTO staking mechanism operates by allowing users to lock their tokens within the network for a period. This process offers an opportunity to generate stable returns by utilizing digital assets, while also earning rewards in exchange for contributing to the project's growth and development.

  - **Staking Process**: Users participate by depositing EXTO tokens into a staking pool. The deposited tokens are used for the operation and improvement of the staking operator's project.
  - **Reward System:** The profits generated by the staking pool operators are distributed as rewards to investors at the end of the staking period. These rewards may be paid in the original form of the asset (EXTO tokens) or in other asset forms, as agreed upon. This provides staking participants with the opportunity to earn additional income through asset management over the staking period.
  - **Locking and Unlocking:** Tokens are locked for a specified period,

contributing to network stability and long-term contribution by participants. After the lock-up period, participants can retrieve their tokens.

- **Smart Contract Implementation**: The EXTO staking mechanism is implemented through ERC-20 smart contracts. These contracts manage the staking process in a transparent and automated manner.
  - **Smart Contract Features**: The contract automatically performs functions such as token deposit, lock, reward calculation, and token retrieval.
  - **Security and Audit**: The smart contract code is thoroughly reviewed and audited by security experts. This ensures the stability of the contract and the protection of user assets.

3. Tokenomics

- **Purpose of the Token** : The token can be used for various purposes such as staking, trading, and rewards distribution. It allows for interest to be earned through staking and can be traded on various platforms.
- **Reward System** : Regular interest payments are made on staked tokens, providing additional income opportunities for token holders.
- **Supply and Distribution** : Tokens are supplied to the market through initial issuance. The total supply of tokens, the method of initial distribution, and the possibility of additional issuance are determined according to the project's economic model.
- **Control** : The supply of tokens can be managed, and the amount of staking can be adjusted to stabilize the value.

- **Categories**
  - **Private Sale (1.0%)**: Tokens sold to specific investors at the project's initial stage.
  - **Presale Round A (0.5%)**: The first presale round following the private sale, where 0.5% of the total token supply is sold.
  - **Presale Round B (0.5%)**: The second round of presale, with an additional 0.5% of the total token supply being sold.
  - **Public Sale (5.0%)**: Tokens sold to the general public, with 5% of the total token supply being sold.
  - **IDO (Initial DEX Offering) (1.0%)**: The initial sale of tokens on decentralized exchanges, with 1% of the total token supply allocated.
  - **Marketing & Promotion & AirDrop (1.0%)**: Allocated for marketing, promotional activities, and airdrops, comprising 1% of the total token supply.
  - **IEO (Initial Exchange Offering) (5.0%)**: The initial sale of tokens through centralized exchanges, with 5% of the total token supply allocated.
  - **Team & Advisor (2.0%)**: Allocated for rewards and incentives for the project team and advisors, making up 2% of the total token supply. This supports the successful progression and sustainable development of the project.
  - **TokenMile (84.0%)**: Allocated for the main operations of the project, staking rewards, future partnerships, and ecosystem expansion, making up 84% of the total token supply. This is a critical part for ensuring the project's long-term growth and stability.

EXTO Tokenomics

Private Sale • PreSale Round A • PreSale Round B • Public Sale • IDO
Marketing & Promotion & AirDrop • IEO • Team & Advisor • TokenMile

Figure 1 EXTO Tokenomics

4. Staking Service

▪ **Overview**

Staking offers users the opportunity to lock (stake) their cryptocurrency assets to aim for stable income generation and asset growth. It is designed as an incentive for users to contribute to the ecosystem′s stability and growth, while also benefiting from the project′s success.

▪ **Mechanism**

• **Unique Identifier**: Each staking transaction is assigned a unique identifier, allowing for easy tracking and management through

transactions.

- **Staking Period**: Users can stake their assets for a predetermined period. During this time, the assets remain locked, and early withdrawals are restricted, ensuring a stable environment for asset growth.
- **Maximum Recruitment Amount**: The maximum amount of funds that can be raised through staking.
- **Participation Amount:** Specifies the minimum and maximum amounts that can be contributed to the staking pool by a user.
- **Benchmark Yield**: The guaranteed yield for staking, stored in a smart contract. Initially set at a 5% Annual Percentage Rate (APR), this rate is paid out in the form of tokens.
- **Actual Yield**: Reflects the performance-based yield of projects operated with the staked assets.
- **Reward Yield**: The mechanism for calculating reward tokens at the end of the staking period is as follows:
  - ○ If the actual yield does not reach the benchmark yield, rewards are paid at the benchmark yield.
  - ○ If the actual yield exceeds the benchmark yield, the actual yield is paid out.
  - ○ Rewards are distributed after deducting a 10% operating fee from the reward yield.
- **Operating Fee**: 10% of the reward yield.
- **Emergency Withdrawal**: A feature that allows users to withdraw their staked tokens before the end of the staking period, with the tokens being withdrawn excluding any penalties.

- **Yield Oracle**
  - An external certification service, specified in the smart contract, determines the yield at the end of staking. It ensures transparency and

fairness in calculating returns

- Information about ongoing staking can be verified through the official website at any time, enhancing transparency and trust.

▪ **Reward Structure**

- **Basic Rewards**: Staked assets receive a reward based on the benchmark yield, as specified in the smart contract at the time of token issuance. This ensures a minimum return for participants.

- **Additional Rewards**: Rewards can be adjusted based on user participation and the platform's performance. This incentive is designed to reward users who contribute to the platform's overall growth and market activity, encouraging active engagement and long-term participation.
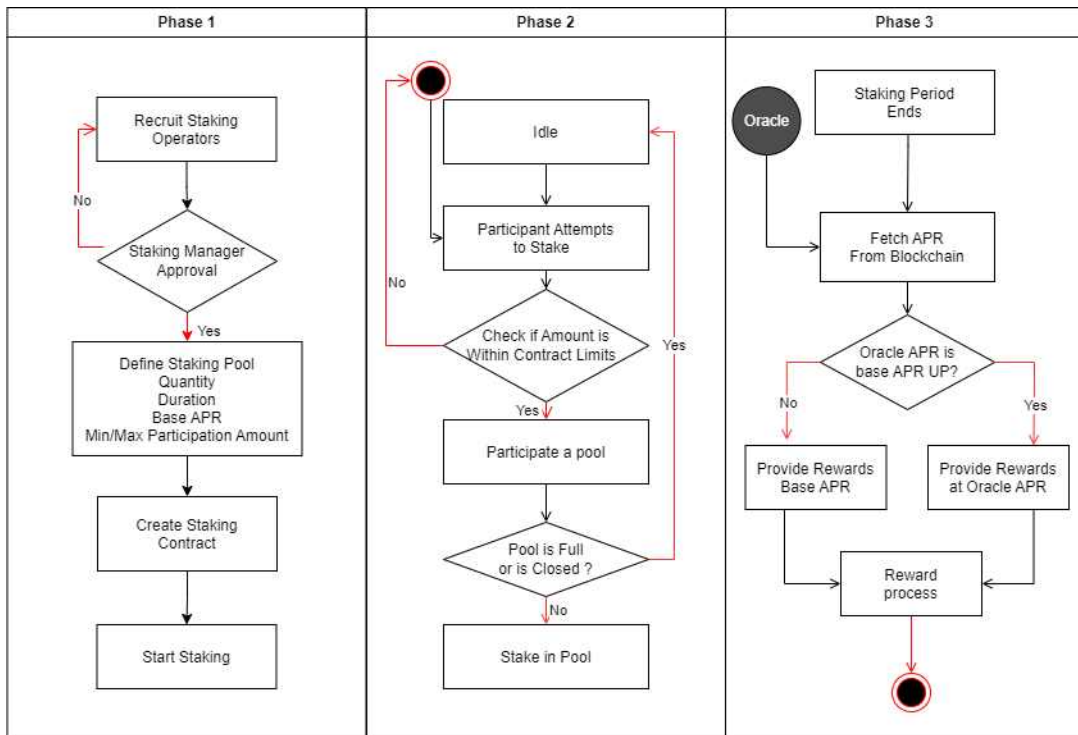
Figure 2 Staking Contract Structure

5. Presale

▪ **Overview**
  • **Presales** are conducted to secure initial capital for the project and to draw the interest and support of the community. At this stage, investors have the opportunity to purchase the project's tokens under special conditions.
  • **Participants** must understand and agree to important conditions related to the cryptocurrency purchase. These conditions include the amount of cryptocurrency to be purchased, the price per token, and requirements for vesting (the process by which tokens are gradually transferred to the user) and lock-up (conditions that prevent tokens from being sold or transferred for a certain period). All this information is detailed in the project's whitepaper and must be thoroughly understood before participation. By understanding and agreeing to the conditions stated in the whitepaper, participants are entering into the contract.

▪ **Duration / Specific Conditions**
  • **Private Sale (2024.03.01 ~ 2024.03.31)**
    ○ Quantity: 10,000,000 EXTO
    ○ Sale Price: $0.6
  • **Pre Sale Round A (2024.04.01 ~ 2024.04.30)**
    ○ Quantity: 5,000,000 EXTO
    ○ Sale Price: $0.8
  • **Pre Sale Round B (2024.05.01 ~ 2024.05.30)**
    ○ Quantity: 5,000,000 EXTO
    ○ Sale Price: $0.9

▪ **Vesting and Lock-Up Conditions**
  • Sales or transfers of tokens purchased through presale are

restricted until the staking platform officially starts. This applies during the lock-up period, after which tokens are gradually transferred to the owner upon request (this process is known as 'vesting').

- **The vesting period and conditions are managed according to predefined rules.** These measures are necessary to ensure the token's stability and prevent sudden volatility in the market.

▪ **Benefits**

- **Preferential Prices** : Participants in the presale can purchase tokens at a lower price than the public sale.

- **Early Access**: Participating in the project at an early stage offers the opportunity to benefit more significantly from the project's future growth and value appreciation.

- **Additional Airdrop**: Tokens directly purchased through the presale will be eligible for an additional airdrop of 20% of the original token quantity purchased at the end of the lock-up period. This additional reward is an incentive for presale participants and is automatically applied when the lock-up period ends.

▪ **Referral Airdrop Campaign**

- **Participation Conditions**

  ○ Participants must use their referral code to sign up acquaintances on the official website and have them participate in the Sale during the Private Sale or Presale period.

  ○ If the invited acquaintance participates in the Sale and purchases tokens, the inviter will receive an additional reward of 20% of the token quantity purchased by the acquaintance.

  ○ As a minimum condition for receiving rewards, participants must already own at least 1000 EXTO. This condition serves as an important indicator of the participant's trust in and commitment to

the project.

- **Reward Payment**
  - Rewards are automatically paid to the participant's account after the acquaintance's purchase is completed and the campaign conditions are met.
  - All additional reward tokens are processed as part of the Referral Airdrop campaign, and the lock-up period or vesting conditions for these rewards are the same as the presale.

6. Roadmap

- **Q4 2023. Planning and Research Phase**
  - Market research and target customer analysis
  - Design of the token economy structure and staking mechanism
  - Legal requirements and regulatory review
- **Q1 2024. Smart Contract Design**
  - Definition of features and characteristics
  - Development and testing of smart contracts
  - Security audits and code verification
- **Q2 2024. Token Issuance and Initial Distribution**
  - Token issuance and lock-up settings according to tokenomics
  - Conducting presales for early participant groups and partners
  - Token airdrops through marketing and promotion
  - Execution of marketing campaigns and enhancement of brand recognition
  - Facilitating community engagement and strengthening user support
  - Expansion of partnerships and ecosystem development
  - Public Sale for the general public

- **Q3 2024. Staking Platform Launch / Airdrop**
  - Token airdrops through marketing and promotion
  - User Interface (UI) and User Experience (UX) design
  - Integration of staking and rewards system
  - Beta testing and collection of user feedback
- **Q4 2024. Service Optimization and Expansion**
  - Enhance liquidity by listing on Uniswap v3 (Ethereum).
  - Platform feature updates and optimization
  - Market expansion and support for various currencies
  - Continuous enhancement of security and user experience
- **Q1 2025. Token Liquidity and Community Strengthening**
  - Enhance liquidity through listing on LBank.
  - Strengthen the EXTO community via initiatives and events.
  - Maintain continuous dialogue and collaboration with the community to improve services.
  - Secure partnerships for broader brand promotion.
- **Q2 2025 and beyond. Long-term Strategy and Sustainability**
  - Expand to Ethereum Layer2 and other mainnets to offer faster, cheaper transactions.
  - Develop and implement long-term growth strategies.
  - Make flexible adjustments to meet technological and regulatory changes.

7. Change Log

▪ **October 23, 2024**

   • Roadmap Update Due to Marketing Strategy Changes: Revised 2024 Q4;
   Added 2025 Q1.