



# 2025 RTTX PROJECT WHITE PAPER

AN ECO-FRIENDLY BLOCKCHAIN INITIATIVE THAT LEVERAGES AI TO TRANSFORM THE VALUE OF GLOBAL AGRICULTURAL WASTE MATERIALS



## contents

|                                                                        |                     |
|------------------------------------------------------------------------|---------------------|
| <b>Abstract .....</b>                                                  | <b>One</b>          |
| <b>I. Project Summary .....</b>                                        | <b>Four</b>         |
| 1.1. RTTX Project Introduction .....                                   | Four                |
| 1.2 Blockchain Overview .....                                          | Six                 |
| 1.3 NFT technology continues to evolve .....                           | Nine                |
| 1.4 AI artificial intelligence .....                                   | Ten                 |
| 1.5 New Features of the Encryption Industry .....                      | Twelve              |
| <b>II. Project Background and Pain points .....</b>                    | <b>Fourteen</b>     |
| 2.1. The global agricultural waste problem is severe .....             | Fourteen            |
| 2.2. Technical and Mechanism Bottlenecks .....                         | Fifteen             |
| <b>III. Core Project Objectives .....</b>                              | <b>Sixteen</b>      |
| 3.1. Resource Recycling .....                                          | Seventeen           |
| 3.2. Technology Empowerment .....                                      | Seventeen           |
| 3.3. Innovative incentive mechanism .....                              | Nineteen            |
| 3.4. Transparent and Trustworthy .....                                 | Twenty              |
| <b>IV. Core Technology Architecture .....</b>                          | <b>Twenty-two</b>   |
| 4.1. Deep integration of artificial intelligence (AI) technology ..... | Twenty-two          |
| 4.2. Blockchain Technology Information Data Infrastructure .....       | Twenty-four         |
| <b>V. RTTX Economic Model .....</b>                                    | <b>Twenty-seven</b> |
| 5.1. RTTX Eco-Coin Economic Model .....                                | Twenty-seven        |
| 5.2. Application Scenarios .....                                       | Thirty              |
| <b>VI. Ecological Operation and Team .....</b>                         | <b>Thirty-three</b> |
| 6.1. Participating Roles .....                                         | Thirty-three        |
| 6.2. Operation Process .....                                           | Thirty-five         |
| 6.3. Team Introduction .....                                           | Thirty-eight        |
| <b>VII. Risks and Responses .....</b>                                  | <b>Forty-two</b>    |
| 7.1. Technical Risks .....                                             | Forty-two           |
| 7.2. Market Risk .....                                                 | Forty-three         |
| 7.3. Policy Risks .....                                                | Forty-four          |
| <b>VIII. FUTURE PLANS .....</b>                                        | <b>Forty-five</b>   |
| <b>IX. RTTX Mission and Vision .....</b>                               | <b>Forty-seven</b>  |



## Abstract

RTTX is a decentralized ecosystem project that aims to systematically address the dual challenges of global agricultural waste pollution and resource waste through the integration of cutting-edge artificial intelligence (AI) and blockchain technology.

The project's core lies in building an efficient collaborative value network platform. This platform seamlessly connects all stakeholders in the agricultural waste value chain – including farmers and farms as the source, recycling enterprises handling waste transfer, processing companies converting waste into resources, technical support providers, end consumers of green products, and eco-value investors – forming a closed-loop ecosystem where all parties thrive through mutual growth.

In the RTTX ecosystem, two core technology engines work together to ensure efficiency and fairness throughout the process:

AI as the "smart hub": Not only does it intelligently match agricultural waste producers with recycling enterprises, but it also dynamically optimizes cross-regional recycling routes through machine learning algorithms, minimizing transportation costs and maximizing efficiency. During processing, AI integrates with IoT sensor networks to monitor the entire agricultural waste transformation process 24/7, enabling real-time parameter adjustments to ensure resource products meet standards. The system continuously feeds processing data back into the ecosystem, providing precise data for subsequent value assessment.

Blockchain as the "cornerstone of trust and incentives": Its decentralized distributed ledger technology ensures transparent and tamper-proof data throughout the entire lifecycle of agricultural waste — from generation, transportation, and processing to product sales. Leveraging smart contracts, the system automatically





verifies data authenticity at each stage. Upon task completion and data compliance, it triggers an automated settlement and reward distribution mechanism, instantly issuing RTTX tokens to all participants. This fundamentally resolves pain points in traditional models such as high trust costs, lengthy settlement cycles, and opaque benefit distribution.

The core innovation of RTTX lies in deeply integrating environmental value with market mechanisms. Rather than relying solely on policy subsidies, this public welfare initiative employs technological solutions to convert environmental benefits of agricultural waste treatment (such as carbon reduction and soil conservation) into quantifiable economic value, which is then circulated through RTTX tokens in the market. This model effectively incentivizes all participants to actively engage in agricultural waste resource utilization, truly achieving the transformation of agricultural waste into "treasure".

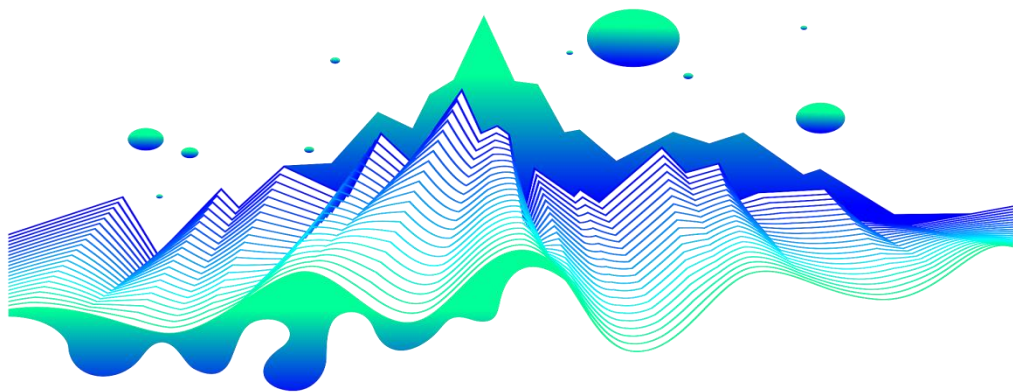
The project's long-term vision is to become a core force driving global sustainable agricultural development. It aims to break the linear development model of traditional agriculture and promote its transition to a green, efficient, and circular closed-loop economy. Ultimately, RTTX strives to establish a new paradigm of an environmentally sustainable economy where everyone participates, benefits, self-sustains, and grows continuously. This initiative provides an innovative solution that combines commercial viability with social value to address global agricultural environmental challenges.

As a global leader in agricultural waste value conversion, RTTX is committed to addressing the historical mission of tackling worldwide agricultural pollution and resource waste. By deeply integrating cutting-edge artificial intelligence (AI) with secure and transparent blockchain technology, we aim to build an unprecedented decentralized value network. This network transcends mere technological integration, fundamentally transforming traditional agricultural waste management models.

Our core innovation lies in the "EcoCoin" as an incentive mechanism. This



digital asset serves not only as a financial token but also as a "green engine" driving global environmental initiatives. Through smart contracts, the token precisely quantifies every eco-friendly action and assigns it corresponding economic value. This mechanism empowers and motivates all stakeholders — from farmers and agricultural enterprises to environmental organizations, tech developers, and even individual consumers — to collectively participate in an efficient recycling and scientific treatment system for agricultural waste.



Ultimately, we are committed to transforming these once-neglected agricultural byproducts into high-value resources like clean energy and organic fertilizers, thereby establishing a complete industrial chain that converts waste into treasure. Beyond resource recycling, we strive to build a self-sustaining ecosystem that grows organically, achieving sustainable agricultural development and effective global environmental protection. This approach creates a harmonious win-win for economic, social, and ecological values, leaving future generations a cleaner and more prosperous planet.



## I. Project Summary

### 1.1. RTTX Project Introduction

Around the world, while feeding human civilization, agriculture has also brought a serious challenge that has long been ignored: every year, more than 3 billion tons of agricultural waste--from straw and rice husk to livestock and poultry manure and vegetable waste--are carelessly discarded, burned or simply buried in the fields.

This is not just a waste of hundreds of billions of dollars of resources every year, but also a multiple impact on the environment on which we depend: the smoke from burning exacerbates air pollution and climate change, and the random accumulation of waste pollutes the soil and water, creating a difficult gap on the road to sustainable agriculture.

Confronting this global challenge that determines Earth's future and human well-being, neither simple environmental initiatives nor fragmented solutions suffice. What we need is a profound systemic transformation—a paradigm that seamlessly integrates technological innovation, business models, and global collaboration. It is in this context that RTTX emerges as a transformative force.

RTTX is far from a conventional environmental initiative. It is an ambitious decentralized ecosystem powered by AI and blockchain, driving the resource utilization of agricultural waste. Our core philosophy is: technology empowers, market drives, transforming environmental protection from a mere responsibility into an economic activity that benefits all participants.

AI serves as our "smart brain": It doesn't merely match supply and demand, but uses deep learning algorithms to accurately predict regional agricultural waste generation and dynamically optimize recycling network layouts. It plans optimal routes for each recycling vehicle, avoiding traffic congestion and maximizing operational efficiency. During processing, AI monitors the conversion process 24/7



through visual recognition and sensor networks, ensuring every piece of agricultural waste is efficiently and compliantly transformed. This makes the "turning waste into treasure" process intelligent, controllable, and quantifiable.

Blockchain serves as our "trust cornerstone" by establishing a transparent, tamper-proof distributed ledger. This system ensures full traceability of data throughout the entire process—from agricultural waste generation, transportation, and processing to final product sales. Through smart contracts, the system automatically distributes value, delivering profits and rewards to contributors in real-time and with precision. This fundamentally resolves pain points in traditional models such as information opacity, high trust costs, and lengthy settlement cycles, thereby injecting a solid foundation of trust into the ecosystem.



In RTTX's carefully built value network, every participant is an indispensable link, and can reap tangible economic rewards while creating environmental value:

Farmers: Say goodbye to the trouble and cost of disposing of agricultural waste.



Just move your finger to submit information, and you can turn the original "burden" into a stable additional income, making life easier and production more efficient.

**Recycling and processing enterprises:** They have obtained massive and stable business orders, reduced operating costs and improved processing efficiency through AI optimization. Every effort of the enterprise can get excess return through transparent mechanism, realizing the unity of business value and social responsibility.

**Consumers:** They can easily buy green, organic and high value-added products derived from agricultural waste, such as vegetables cultivated with organic fertilizer without chemical addition or clean and environmentally friendly biomass fuel, so as to enjoy a healthy life and contribute to the burden reduction of the earth.

**Investors:** By holding RTTX digital assets, they can deeply participate in the green economic revolution. With the expansion of the ecosystem scale and the increase of value, they can share the growth dividend of the ecosystem, achieving a win-win situation of wealth appreciation and environmental protection.

Our mission is to break the traditional thinking of the opposition between environmental protection and economy, and accurately quantify the intangible environmental value and transform it into tangible economic value. We are committed to providing a feasible, self-sustaining and sustainable system solution for the green transformation of global agriculture.

We are confident that RTTX will ultimately transcend the boundaries of a commercial venture, becoming a core engine and standard-setter for global sustainable agricultural development. Together with like-minded partners, we will transform every agricultural waste into new life, jointly safeguarding our unique blue home and leaving future generations a cleaner, more fertile land.

## 1.2 Blockchain Overview

Blockchain technology, first proposed by Satoshi Nakamoto in the Bitcoin white





paper 'Bitcoin: A Peer-to-Peer Electronic Cash System,' has sparked intense debate. While some hail it as the next big game-changer after the steam engine, electricity, and the internet—capable of revolutionizing value transfer and potentially sparking a new tech revolution—others dismiss it as a scam or voice deep concerns about its future.

In recent years, the explosive growth of cryptocurrencies like Bitcoin and Ethereum has propelled blockchain technology into the global spotlight. This cutting-edge innovation has captured worldwide attention, with its applications now spanning finance, logistics, food safety, and beyond. While Bitcoin's future remains a subject of debate, most tech experts are bullish about blockchain's potential. They predict that its revolutionary concepts will eventually outpace cryptocurrencies themselves, emerging as both a game-changer and the defining technology of our era.

However, despite its booming applications, widespread attention, and rapid development, the public's understanding of blockchain remains superficial. People's perception of blockchain is often limited to cryptocurrencies or viewed as a high-tech marvel that's out of reach in daily life. Fundamentally, blockchain technology establishes a new trust mechanism that enables decentralized consensus among network nodes without requiring an authoritative node—a groundbreaking leap from concept to reality.

In his seminal work *\*Bitcoin: A Peer-to-Peer Electronic Cash System\**, Satoshi Nakamoto never formally defined 'blockchain.' Instead, he proposed a chain-like structure of blocks based on hash proofs, which became the foundational data architecture. The term 'blockchain' originated from this concept, where 'block' refers to the basic unit containing data, and 'chain' denotes the linked sequence of these blocks through hash functions.





In a narrow sense, blockchain technology is a distributed ledger system that organizes data blocks into a chain-like structure in chronological order, ensuring immutability and authenticity through cryptographic methods. Broadly speaking, it represents a groundbreaking distributed infrastructure and computational paradigm utilizing blockchain architecture for data verification and storage, consensus algorithms for data generation and updates, cryptographic security for transmission and access, and smart contracts composed of automated scripts for data programming and operations. Generally recognized as an emerging technology born alongside digital currencies like Bitcoin, blockchain is a peer-to-peer distributed ledger system



rooted in cryptographic algorithms, representing a novel application model integrating distributed storage, peer-to-peer transmission, consensus mechanisms, and encryption algorithms.

Blockchain consists of three fundamental components: transactions (a single operation that alters ledger status), blocks (which record transactions and status changes within a specific period, forming a consensus on current ledger status), and chains (a sequence of blocks arranged chronologically, serving as a continuous log of



status updates). Each block in the blockchain stores transaction records from a defined time period, forming a secure and tamper-proof distributed ledger through cryptographic mechanisms. Simply put, blockchain is a shared ledger containing all historical transactions, with each node holding a copy. Nodes use consensus algorithms to ensure all ledger entries eventually align. Each block acts as a page in this ledger, recording a batch of transactions. This structure ensures all transaction details are publicly accessible across all nodes. To modify a recorded transaction, all nodes holding the ledger must update simultaneously. Furthermore, since each page contains a summary of the previous page, altering a page (i.e., tampering with a block) would cause its summary to mismatch the next page's summary. This would then trigger subsequent page summaries to become inconsistent, creating a chain reaction of discrepancies. In this way, tampering with a single transaction would cause all subsequent block summaries to be modified, and it would be a huge and almost impossible task to get everyone to accept those changes. It is from this perspective that blockchain is immutable.

## 1.3 NFT technology continues to evolve

NFT, or Non-Fungible Token, refers to a unique and verifiable digital asset on a blockchain network. Essentially, it is a data object with multidimensional and complex attributes that can be recorded and processed on the blockchain.

Over the past few years, the NFT landscape has undergone significant transformations, particularly in the realm of profile picture (PFP) NFTs. However, in the latter half of 2022, image-based NFT transactions saw a marked decline as users began demanding more functionalities. Consequently, the NFT ecosystem is undergoing a transformation to address these evolving needs. Ethereum Improvement Proposals (EIPs) have become the benchmark for gauging the community's direction, with recent proposals predominantly focusing on NFT standards – a clear indication of the community's desire for NFTs with enhanced utility. We believe 2023 will be a pivotal year, as various NFTs, including dynamic NFTs, will tackle these challenges by introducing innovative features.

Dynamic NFTs are a unique type of NFT that can adapt and evolve based on



specific triggers in their smart contracts. These triggers may result from on-chain or off-chain events, or even real-world occurrences. The changes in dynamic NFTs are typically achieved by modifying their metadata.

Beyond dynamic NFTs, the community is witnessing growing discussions about other programmable NFTs featuring advanced functionalities like executable NFTs, those with separated permissions, and shared ownership models. These innovations open up diverse possibilities for creators, collectors, and gamers to interact and engage. Programmable NFTs are poised to gain significant traction within blockchain ecosystems, as they enable sophisticated use cases that transcend traditional methods of representing digital ownership through images or records. These NFTs offer vast potential for creating interactive experiences, representing unique and complex digital assets, and developing new financial instruments.

Meanwhile, to widely adopt dynamic NFTs, we must address the reliability of triggering events that cause NFT changes. To achieve this, it is essential to implement more reliable oracles and establish clear NFT standards to verify the authenticity of triggering events, while also promoting transparency and fairness in smart contract rules governing dynamic NFTs.

As the blockchain ecosystem continues to attract more game developers, artists, and entrepreneurs, their creative output is steadily improving. The emergence of dynamic NFTs is expected to inject fresh excitement into the NFT ecosystem in 2023. A growing number of talented creators in this field will unlock endless possibilities for innovative and imaginative applications.

## 1.4 AI artificial intelligence

Since its inception, artificial intelligence (AI) has made remarkable progress. It has evolved from early 1950s research in natural language processing (NLP) and problem-solving to the latest advancements in data synthesis and machine learning (ML). This evolution has led to AI's widespread adoption across industries, including healthcare, finance, media, and transportation.

With the success of large language models (LLMs), there is growing anticipation that AI will see widespread adoption in 2023, with ChatGPT being a prime example. The blockchain gaming industry stands to benefit significantly from AI advancements, particularly in streamlining traditional game development workflows and enhancing





player experiences—all powered by generative AI.

Generative AI is a field that has been developing for more than a decade, but only recently has it developed enough to mimic or even surpass human capabilities in image, language and speech recognition. The market was valued at \$8 billion in 2021 and is expected to reach more than \$63 billion by 2028.

Currently, AAA game developers allocate a significant portion of their budgets to content creation, which remains a major bottleneck in the industry. Top-tier game studios require at least three years to complete production, forcing developers to predict consumer trends years before product launches. In cryptocurrency games, development cycles become even more challenging as crypto players' preferences can shift rapidly and unpredictably.



Generative AI can serve as a powerful solution to this challenge. By collecting user behavior data from core community beta testers across multiple game iterations, developers can train models to generate unique, programmatically created content tailored for specific player demographics—such as levels, characters, and items. This AI-generated content evolves in real-time based on user behavior patterns. Not only does this approach deliver diverse and dynamic gaming experiences, but it also





significantly reduces the need for manual content creation for developers.

Beyond gaming, we are also excited to see AI's potential in other cryptocurrency verticals. Predictive risk management is gaining traction in trading teams, where they train generative AI models to generate synthetic financial data that simulates various market conditions—such as prices, CEX/DEX trading volumes, order book depth, and AMM liquidity. This helps traders identify and address potential risks across different market scenarios.

Smart contract auditing powered by AI solutions represents another critical focus area. Current auditing processes remain cumbersome, inefficient, and costly. Our vision is to develop future AI models that can be trained using large datasets of existing smart contract code, along with information on vulnerabilities, errors, and attack patterns. After thorough data processing and cleansing, these models should be capable of automatically analyzing and auditing new smart contract code inputs.

The most effective AI solutions are those that optimize data collection processes—both in quantity and quality. We envision an incentivized data market as the future. Decentralized computing protocols like Filecoin and dFinity, along with distributed GPU rendering platforms such as RenderNetwork, serve as pioneering examples. With the emergence of distributed AI protocols, parts of ecosystems can be tokenized while leveraging incentives to encourage user participation and data sharing, thereby strengthening AI-driven models. This symbiotic relationship between users, AI, and tokens holds immense potential to revolutionize the industry.

## 1.5 New Features of the Encryption Industry

The Web3 ecosystem first captured public attention through a game called Crypto-Kitties. This simple yet innovative platform allowed players to purchase virtual cats on the Ethereum (ETH) blockchain by paying digital currency. The core mechanism involved issuing Web3 tokens as proof of ownership – essentially serving as digital certificates. When someone bought a different cat, they received their own Web3 token, creating unique ownership proofs. These tokens naturally



differ from one another. Thanks to blockchain's immutable and transparent nature, the ownership of these digital cats is legally recognized and protected by the entire network.

Unlike traditional virtual pets that were stored on service providers' servers and would vanish when those companies shut down, CryptoKitties utilize blockchain technology to permanently record ownership across the internet. This makes them irreplicable, tamper-proof, and indestructible, allowing users to permanently own these digital companions while storing, circulating, and trading them on any Ethereum blockchain platform.

After the app went live, daily transactions reached millions of dollars, with the most expensive being a crypto cat named Dragon, which sold for 600ETH at the time, equivalent to \$270,000 a month at that price.

However, the Ether Cat project declined due to a combination of factors, including poor gameplay, a flood of similar games, a drop in the price of the coin, a drop in the attention of the crypto community, and a slow transaction speed on Ethereum.

The WEB3 art market is currently booming. Interestingly, the mechanics of WEB3 art and gaming are remarkably similar. For instance, artists can pay ETH to publish their artwork on the ETH network and obtain a WEB3 token containing the artwork's metadata — essentially a digital "ownership certificate". When buyers bid and pay ETH, the WEB3 token transfers from the artist to the buyer, granting them ownership of the artwork through this tokenized proof.

The history of WEB3 is far longer than most people realize. The first attempt at WEB3 emerged during the ColoredCoin era (2012-2013). From 2018 to 2019, the WEB3 ecosystem experienced massive growth, with over 100 projects existing in this space and more continuously joining. In 2020, the DeFi concept's popularity gave WEB3 a new lease on life, laying the groundwork for its explosive growth in 2021.



We believe that despite being 2021, the WEB3 industry remains in its infancy. Although WEB3 has seen tremendous growth over the past year, the ecosystem is still very young, so this upward trend will only continue.



In fact, we believe the growth of the WEB3 ecosystem will accelerate as more people and companies recognize its potential and implement it. Developers will continue to create innovative WEB3 applications, and interoperable projects will revolutionize the industry. We predict that within five years, WEB3 will bring about a transformative shift in the industry!

## II. Project Background and Pain points

### 2.1. The global agricultural waste problem is severe

Global agriculture produces hundreds of millions of tons of agricultural waste



every year, such as straw, livestock and poultry manure and fruit and vegetable residues.

These wastes have become a global environmental problem. The traditional treatment methods are mainly incineration and landfill.

The burning of straw and manure will release a large number of harmful gases and particulate matter, which is one of the main causes of haze in many areas. Landfill occupies valuable land resources, and its leachate will also pollute the soil and groundwater.

This not only causes serious air and soil pollution, but also a huge waste of valuable resources such as biomass energy and organic nutrients.

At present, the whole industry lacks a unified and efficient recycling system and scientific value evaluation standards. This leads to uneven resource allocation and difficulties in forming a closed industrial loop on a large scale.

This not only limits the sustainable development of agricultural economy, but also makes it difficult for environmental protection investment to be transformed into actual economic benefits, and fails to effectively motivate all parties to participate in the construction of green agriculture.

## 2.2. Technical and Mechanism Bottlenecks

In addition to the macro resource waste and environmental pollution, the current agricultural waste treatment field is also facing two core bottlenecks: the lack of technical means and the failure of incentive mechanism.

### Technical challenges

Recycling is scattered and inefficient: agricultural production itself is highly dispersed, resulting in a large number of agricultural waste, wide area and small quantity.



This makes centralized recycling costly, logistics scheduling difficult, and it is difficult to achieve economies of scale.

The processing link is long and the transformation is inefficient: from the generation of agricultural waste to the final resource product, there are many intermediate links and the chain is long.

The lack of transparency leads to difficulties in coordination among various links, low processing efficiency and serious value loss.

Traceability and pricing difficulties: There is a lack of effective technical means to accurately trace the whole process of agricultural waste from generation, recovery, transportation and treatment.

This makes it impossible to assess its true value scientifically, let alone price it fairly.

#### Mechanistic dilemmas

Failure of market incentives: Environmental protection behavior has significant positive externalities, and the social value brought by it (such as air improvement and soil restoration) is difficult to quantify and trade.

The existing market mechanism cannot transform these intangible social values into economic benefits that participants can directly obtain.

As a result, farmers, enterprises and other core participants lack sufficient motivation to invest in the refined recovery and treatment of agricultural waste.

These bottlenecks are intertwined, forming a vicious circle of "whoever is environmentally friendly, whoever suffers", which seriously restricts the healthy development of agricultural waste recycling industry.

## III. Core Project Objectives



## 3.1. Resource Recycling

Our primary goal is to build a closed-loop ecosystem for the recycling, treatment and reuse of agricultural waste materials around the world.

This means completely changing the previous "produce-dispose" linear mode. We are committed to opening up the whole industrial chain from the source of agricultural waste generation to the reuse of high value-added resources.

By integrating the scattered agricultural waste resources around the world, we will establish an efficient and coordinated recycling network. With the use of advanced technology for scientific treatment, we will eventually produce high-value products such as clean energy and organic fertilizer.

This can not only fundamentally improve the resource recovery rate of agricultural waste and turn waste into treasure, but also form a self-circulating and self-value-added green economic ecology, providing a solid foundation for the sustainable development of agriculture.

In this closed-loop ecosystem, each link supports and promotes each other. The recycled agricultural waste provides sufficient raw materials for the treatment process, and the processed resource products feed back to the agricultural production, forming a virtuous cycle.

This model not only solves the problem of waste disposal, but also transforms agricultural production from resource-consuming to resource-circulating, providing a replicable and scalable solution for the green transformation of global agriculture.

Ok, no problem. I expanded and polished this point to make it sound more specific, more persuasive, and more highlighting the technical barriers of the project.

## 3.2. Technology Empowerment

To break the efficiency bottleneck of the traditional model, RTTX takes



technology as the core driving force and deeply integrates artificial intelligence (AI) into the whole process of agricultural waste treatment, achieving three key breakthroughs:

## Intelligent recycling scheduling improves recycling efficiency

We use big data analysis and machine learning algorithms to accurately predict the amount and distribution of agricultural waste in different regions and seasons.

Based on these predictions, the AI system can automatically generate the optimal recycling vehicle scheduling plan and transportation route planning. It is like equipping the recycling fleet with a "super brain", ensuring that the vehicles can complete the recycling task with the highest efficiency and the lowest cost, greatly improving the response speed and coverage of the entire recycling network.

## Precise value assessment to achieve fair pricing

RTTX has developed an AI-based value assessment model trained on massive data. This model comprehensively evaluates multiple factors including the type, composition, moisture content, processing difficulty of agricultural waste, and market demand for end-product resources.

Through this model, we can accurately quantify the value of each batch of agricultural waste. This solves the long-standing problem of "fair pricing" in the industry, ensuring that the labor and resources of every participant are reasonably rewarded.

## Optimize the processing process and reduce operating costs

In the process of agricultural waste treatment, we deploy Internet of Things (IoT) sensors to collect key data in real time during the treatment process, such as fermentation temperature, pH value, energy conversion rate, etc.

The AI system will analyze and monitor these data in real time, dynamically adjust the processing parameters, and ensure that the processing process is always in the most efficient and energy-saving state. This will not only improve the output



quality and efficiency of resource products, but also significantly reduce the operating costs of enterprises and enhance the profitability and sustainability of the entire ecosystem.

Of course, no problem. This is a more detailed and persuasive version of the long version, hoping to meet your needs.

### 3.3. Innovative incentive mechanism

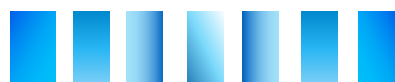
Build a value closed-loop and ecosystem-driven system with RTTX Eco-Coin as the core

To address the core pain points of insufficient participation motivation and difficult contribution quantification in the traditional environmental protection model, we innovatively introduce RTTX environmental coin as an incentive medium, aiming



to establish a multi-level and comprehensive positive incentive system covering individuals, enterprises, social organizations and even government agencies.

This system is not merely a simple points redemption system, but a meticulously designed value ecosystem. Through advanced technologies including IoT devices,





mobile applications, and blockchain-based evidence storage, it systematically records and quantifies users' environmental behaviors with precision, transparency, and tamper-proof integrity. These behaviors span from individual actions like waste sorting, eco-friendly transportation, and water/electricity conservation, to corporate initiatives such as energy efficiency, emission reduction, circular economy practices, and environmental technology R&D applications, extending even to public welfare projects initiated by social organizations.

Every environmental effort, no matter how small, will be automatically recognized by the system and converted into a corresponding amount of RTTX environmental coin rewards. This makes the invisible environmental contribution have the attributes of measurable and transferable digital assets for the first time.

To ensure the effectiveness and sustainability of the incentive program, RTTX Eco-Coin will develop diverse application scenarios. Holders can redeem eco-friendly products, services, or exclusive discounts at partner online stores and physical merchants, while also using it to participate in crowdfunding for environmental projects, invest in green innovation enterprises, and even facilitate compliant value circulation within specific ecosystems.

Through this mechanism, we aim to transform environmental protection from a mere social responsibility into a conscious action that delivers tangible value. This approach significantly lowers the barriers to participation, ignites public enthusiasm and creativity for environmental causes, and empowers diverse stakeholders to actively engage in concrete environmental initiatives. Together, we will advance the global Sustainable Development Goals.

### 3.4. Transparent and Trustworthy

This is a great application scenario to use blockchain technology to solve the problem of trust and traceability in the treatment of agricultural waste.



In short, the core of this sentence is to use the characteristics of blockchain, which is immutable and open and transparent, to put a "time stamp" on every step of agricultural waste treatment that cannot be cheated.

How does blockchain technology realize the whole process of agricultural waste treatment traceability

1. Data on the chain: From the source of agricultural waste generation, including the time, place, type, quantity and other information, will be recorded in real time and uploaded to the blockchain.

2. Full process coverage: Every key node of the whole processing chain, such as collection, transportation, storage, resource utilization or harmless treatment, will be recorded.

These records include the operator, time, processing method, and equipment parameters.

3. Ensure openness and transparency: All data on the blockchain is publicly visible to the authorized party.

Government regulators, corporate partners and even consumers can check it at any time, avoiding information asymmetry.

4. Traceability: Once a problem is found, such as non-compliance in the processing process or the whereabouts of the product is unknown, it can be quickly traced to the specific link and responsible person through the blockchain record.

This greatly improves the efficiency of regulation and the accuracy of accountability.



## IV. Core Technology Architecture

### 4.1. Deep integration of artificial intelligence (AI) technology

By deeply integrating artificial intelligence (AI) technology, we drive intelligent upgrades across the entire agricultural waste management chain. To fundamentally transform agricultural waste management from extensive management to refined, efficient, and intelligent operations, we have deeply embedded AI technology throughout our business processes. This integration has created three core application engines that comprehensively enhance the system's decision-making efficiency, evaluation accuracy, and regulatory capabilities.

#### 1.1 Intelligent Recycling Scheduling System: Data-driven Dynamic Optimization Network

We have abandoned the traditional manual scheduling model and developed an intelligent recycling dispatch system powered by big data analytics and machine learning. Deployed through smart terminals at farms, households, and enterprises, the system collects real-time multi-dimensional data including agricultural waste generation volume, types, geographical locations, and production cycles. AI algorithms perform in-depth data mining and trend prediction to generate spatial-temporal distribution heat maps of regional agricultural waste. Based on these insights, the system automatically optimizes vehicle routing and capacity allocation, achieving dynamic coordination between transport vehicles, personnel, and collection points. This not only significantly reduces transportation time and empty mileage while lowering recycling costs, but also ensures timely and efficient transfer of agricultural waste from source to processing centers, effectively preventing secondary pollution.





## 1.2 AI Value Evaluation Model: Building a Fair and Transparent Contribution Quantification System

To address the industry's pain points of inconsistent and subjective evaluation standards for agricultural waste resource value, we developed a multi-dimensional, self-learning AI model for value assessment. This model utilizes massive historical



and real-time data inputs including waste types, physical composition, chemical properties, moisture content, processing difficulty coefficients, and market fluctuations in resource product prices. Through deep learning algorithms, it continuously optimizes evaluation parameters and weights. The model automatically, objectively, and accurately calculates the resource potential and economic value of each batch of agricultural waste, serving as the core basis for RTTX Environmental Coin distribution. This mechanism ensures fair and scientific incentive allocation, guaranteeing that every environmental contribution receives precise value compensation.

## 1.3 Full-process AI monitoring system: Ensure both processing process and



## product meet the standards

At the core of agricultural waste processing, we have integrated IoT, AI vision, and sensor data analytics to build a 24/7 monitoring system with no blind spots. By deploying sensors for temperature, humidity, gas concentration, energy consumption, and material levels, along with high-definition cameras across the facility, the system collects real-time operational data and visual records from critical processes like fermentation, degradation, and conversion. AI algorithms analyze this data stream at millisecond precision, dynamically monitoring treatment effectiveness and equipment status. When parameters deviate from preset thresholds or abnormal conditions occur, the system immediately triggers alerts and provides intelligent diagnostic recommendations. This ensures strict compliance with environmental standards throughout the process, guaranteeing stable output of resource products such as biogas, organic fertilizer, and biomass fuel that consistently meet quality benchmarks.

## 4.2. Blockchain Technology Information Data Infrastructure

Leveraging blockchain technology as the cornerstone of trust, we have established a reliable data infrastructure for agricultural waste resource utilization. To ensure transparency, fairness, and full traceability throughout the waste management process, we have built a decentralized, highly secure, and trustworthy technical framework based on mature blockchain technology. This robust infrastructure provides solid trust guarantees for the healthy operation of the entire ecosystem.

### 2.1 High-performance underlying architecture: Technology selection that balances efficiency, security, and cost

We avoid rigid adherence to a single blockchain solution. Instead, we strategically select high-performance public chains or consortium chains as the underlying architecture based on specific business scenarios. For instance, in enterprise collaboration requiring high transaction speed and privacy protection, we



employ consortium technologies like Ethereum sidechains or Hyperledger Fabric. These solutions enhance transaction processing efficiency through node authorization mechanisms while effectively safeguarding sensitive business data. For public-facing applications demanding maximum decentralization and community engagement, we leverage the ecosystem advantages of mainstream public chains. This flexible architectural design ensures the system can handle high-frequency data interactions and token transactions, while providing bank-grade security against malicious attacks to maintain stable ecosystem operations.



## 2.2 Smart Contract Automation: Building an Execution Environment Without Trust

Smart contracts serve as the core automation engine of our ecosystem. We implement key business logic — including agricultural waste recycling protocols, processing standards, value assessment formulas, and RTTX token allocation rules— into smart contracts and deploy them on the blockchain. When predefined triggers



(such as successful waste collection and inspection compliance, or meeting processing standards) are met, the contracts automatically execute irreversible actions like issuing RTTX tokens to participants and recording processing completion status. This mechanism completely eliminates reliance on third-party intermediaries, prevents human intervention and moral hazards, ensures transparent, standardized, and rigid enforcement of all rules, and creates a trustless environment where "code is law."

## 2.3 Full life cycle data on the chain: Achieve immutable traceability and audit

To address data silos, tamper risks, and traceability challenges in traditional agricultural waste management, we implement blockchain-based storage for critical lifecycle data spanning waste generation to resource utilization. This includes: farmer-entered waste disposal certificates, GPS tracking and weighing records of collection vehicles, real-time operational parameters and treatment reports from processing facilities, and quality certifications of resource outputs issued by third-party testing agencies. Once recorded on the blockchain, these data entries gain tamper-proof timestamps, forming a complete, transparent, and traceable data chain. Authorized parties—including regulators, environmental stakeholders, and the public — can verify data authenticity at any time, significantly enhancing regulatory efficiency, streamlining audit processes, and providing robust data foundations for product traceability.



## V. RTTX Economic Model

**Token name: RTTX**

**Total issuance: 151.557 billion**

Ecological incentive (10%):

Fond reserve (10%):

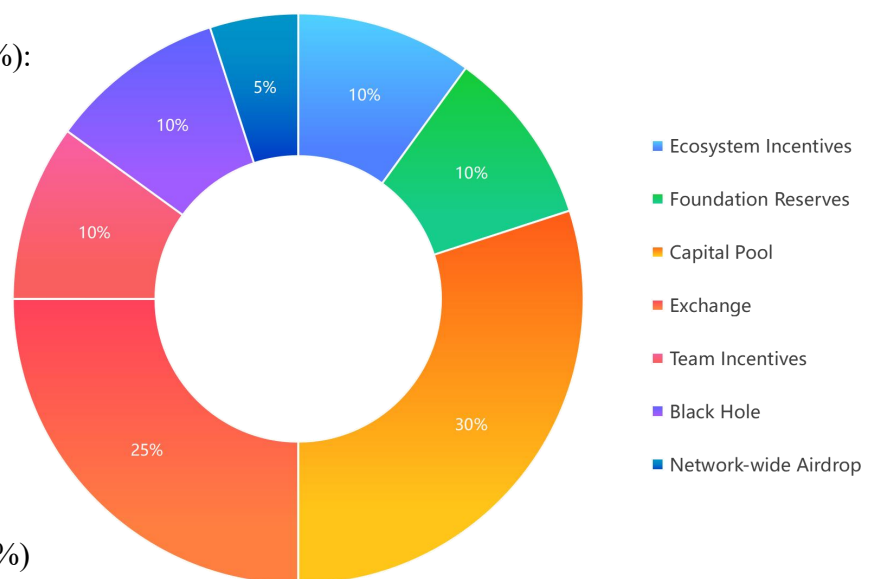
Capital pool (30%):

Exchange (25%)

Team Incentives (10%):

Black hole (10%)

Network-wide airdrop (5%)



### 5.1. RTTX Eco-Coin Economic Model

Building a sustainable value distribution ecology

To ensure the long-term health, stability, and prosperity of the RTTX Eco-Mint ecosystem, we have designed a scientific, transparent, and forward-looking token allocation and destruction mechanism. The total issuance of this model is capped, with a refined proportional distribution that balances multiple objectives including ecosystem incentives, community building, project operations, and value preservation. The specific allocation is as follows:

**1. Ecological incentives (10%): The core engine driving environmental behavior**



This portion of the token will serve as the core incentive fuel for the ecosystem and will be automatically distributed through smart contracts to all participants who contribute to environmental actions. This includes, but is not limited to:

Individual users: Get rewards for daily environmental behaviors such as garbage classification and green travel.

Enterprise partner: an enterprise that meets specific standards in the practice of energy conservation, emission reduction and circular economy.

Environmental organization: a social organization that successfully implements or participates in environmental public welfare projects.

Technical contributor: A developer who provides effective solutions for the technical development of the ecosystem.

## **2. Foundation reserve (10%): Strategic fund to ensure long-term ecological development**

This portion of the token is managed by the RTTX Ecosystem Foundation as a strategic reserve to ensure the long-term stability of the project. The funds are used for:

Crisis response: used to maintain ecological stability in the event of severe market fluctuations or sudden crises.

Strategic investment: Invest in high-quality projects or technologies related to environmental protection, blockchain and AI to feed the ecology.

Cooperation and expansion: to establish strategic cooperative relations with the government, large enterprises and scientific research institutions.

Legal compliance: Ensure that the project operation complies with the legal and regulatory requirements of the world.

3. Capital pool (30%): The key to maintaining ecological liquidity and value stability



The capital pool is the "living water" of the ecological economy, mainly used for:

Liquidity provision: Provides initial liquidity for RTTX Eco Coin's trading pair on PancakeSwap, ensuring the token maintains strong market depth.

Market making and arbitrage: Market making operations are carried out by algorithms or professional teams to smooth out price fluctuations and maintain the relative stability of token prices.

Ecological application support: Provide funding or grants for DApps or innovative applications developed based on the RTTX ecosystem.

4. Exchange (25%): A channel for ecological value circulation and market expansion

These tokens will be allocated to partner centralized and decentralized exchanges, primarily for:

Listing fee: Pay the exchange for listing and technical services.

Liquidity incentive: Cooperate with exchanges to carry out trading mining, liquidity mining and other activities, attract more traders to participate and enhance market activity.

Market Promotion: Partner with exchanges to conduct marketing campaigns, expanding the brand influence and market reach of RTTX Eco Coin.

## **5. Team motivation (10%): Tie core members to the long-term interests of the project**

To attract and retain top talent and ensure the project's sustained efficiency, 10% of the tokens will serve as team incentives. These tokens typically feature strict lock-up periods and linear release schedules (e.g., 2-4 years) to prevent short-term speculation, deeply aligning the team's interests with the project's long-term development.

6. Black hole destruction (10%): Value appreciation mechanism under deflation





model

The "Black Hole" serves as a public and irreversible destruction address. Periodically or based on specific criteria (such as a percentage of transaction fees or upon reaching major ecosystem milestones), a portion of RTTX EcoCoin will be permanently destroyed at this address. This mechanism creates a deflationary effect by continuously reducing the total token supply, thereby enhancing the scarcity and potential value of remaining tokens.

7. Network-wide airdrop (5%): Expand community base and ecological awareness

To rapidly expand the user base and enhance project visibility, 5% of the tokens will be allocated for a network-wide airdrop. The recipients include, but are not limited to:

Environmental KOLs and community members

Active users in the blockchain industry

Contributors to early testing or community governance

Through a fair and transparent airdrop, more people will have the opportunity to get RTTX Eco Coin for free and become part of the ecosystem.

## 5.2. Application Scenarios

RTTX Eco-Coin: Versatile Applications for Building a Closed-Loop Ecosystem of Behavior-Value-Governance

RTTX Eco Coin is not merely a reward token, but a core value carrier and functional token that permeates the entire ecosystem. We have meticulously designed diverse application scenarios to create a complete closed loop integrating incentives, consumption, and governance, endowing RTTX with genuine and sustainable intrinsic value.



## 1. Incentive exchange: Value quantified environmental contribution feedback

This is RTTX's most fundamental and core application scenario. The system uses an AI-based value assessment model to accurately quantify each participant's environmental contribution, including recyclers and processing companies.

Trigger mechanism: When the recycler completes the collection and transportation of agricultural waste as required and passes the system acceptance; or when the processing enterprise converts the agricultural waste into a standard product, the smart contract will be automatically triggered.

Value assessment: The AI model automatically calculates the corresponding RTTX reward amount based on multiple dimensions of agricultural waste, such as type, quantity, quality, processing difficulty and market recycling value.

Automated distribution: Rewards are distributed directly and transparently to participants' digital wallets through smart contracts, eliminating human intervention and ensuring timely and fair incentives. This enables the direct conversion of eco-friendly actions into digital assets.

## 2. Ecological consumption: Building a value circulation network of internal circulation

To enhance RTTX's practicality and liquidity, we've built a thriving consumer market within its ecosystem. RTTX holders can purchase a wide range of products and services on the platform using the token, creating a virtuous cycle where environmental protection generates value, and value supports environmental efforts.

Technical service procurement: Enterprises can purchase advanced agricultural waste treatment technology solutions, equipment maintenance services, and AI optimization models through RTTX to improve their processing efficiency and resource utilization level.

Resource trading: The platform will aggregate premium recycled products, including high-purity organic fertilizers, biodiesel, and biomass power generation





materials. Users can purchase these eco-friendly products directly through RTTX, supporting the end-use of the environmental protection industry.

Third-party services: The future ecosystem will also introduce third-party service providers such as logistics, testing, and finance. Users can also use RTTX to pay related fees, expanding the application boundaries of the token.

### 3. Governance voting: the cornerstone of decentralized community autonomy

RTTX is not only a carrier of value, but also a right certificate for ecological governance. Holding RTTX means having the right to vote in community decisions, which is the core of decentralized autonomy.



Proposal initiation and voting: Any community member with a certain number of RTTX can initiate a proposal for the development of the project, such as adjusting incentive rules, upgrading underlying technology, and approving major cooperation.

Voting weight and execution: Voting weight is typically tied to token holdings or lock-up periods, ensuring core contributors and long-term holders have greater say. Once a proposal receives sufficient support, the relevant resolution will be



automatically executed through smart contracts, ensuring transparent and efficient governance.

Ecological governance: Through community voting, RTTX's future direction can be collectively determined, truly returning project control to community members and building a more democratic, equitable, and vibrant ecosystem.

## VI. Ecological Operation and Team

### 6.1. Participating Roles

In our meticulously crafted agricultural waste recycling ecosystem, every participant is not an isolated entity but an interconnected co-creator of value. From the source of waste generation to its final value realization, everyone can find their place in advancing the grand vision of green sustainable development and reap the rewards they deserve.

Farmers and farms (the source of agricultural waste) are the source of ecology and the original creator of value

As the cornerstone of the agricultural ecosystem, farmers and farms serve as the vital link between farmland and market. In the past, managing agricultural waste like crop residues and livestock manure required significant time and effort while posing environmental risks. Now, through our platform, you simply need to submit details about the type, quantity, and location of your agricultural waste. The system automatically matches the most suitable recycling solutions. Professional teams will deliver the waste to your door. You don't need to worry about follow-up processing – once the recycling cycle is complete, you'll receive direct digital asset rewards from RTTX. This not only resolves the pain points of agricultural waste management but also transforms every "waste" into tangible economic returns, truly achieving "turning





waste into treasure" and adding new revenue streams to agricultural production.

Recycling enterprises: the blood of ecology, the key hub of resource circulation

Recycling enterprises serve as vital connectors ensuring agricultural waste efficiently flows from fields to processing centers, functioning as the lifeblood of the entire ecosystem. On our platform, you can freely take on massive recycling tasks based on your transportation capacity, regional advantages, and product categories. Through an intelligent dispatch system, we optimize delivery routes to enhance efficiency per trip, reduce empty runs, and lower operational costs. When you safely and punctually deliver agricultural waste to designated processing points and complete handovers, you'll not only receive stable and transparent transportation service fees but also earn RTTX rewards based on the tons of waste collected, product types, and task completion rates. This approach transforms every delivery into a valuable asset, creating new growth opportunities beyond traditional business models.

Enterprise processing: the heart of the ecosystem, the core engine of value regeneration

Processing enterprises serve as the core link in transforming "waste" into "treasure", acting as the "heart" of ecological value regeneration. Leveraging advanced technologies such as biomass energy conversion, organic fertilizer production, and solid waste pyrolysis, you convert recovered agricultural waste into high-value-added resource products including electricity, gas, organic fertilizers, and bio-based materials. These products not only align with national green development policies but also meet extensive market demand. All your resource products can be directly connected to our platform's sales channels, enabling seamless distribution to businesses and individual consumers nationwide. Meanwhile, your conversion efficiency, technological advancement, and contributions to ecological emission reduction will be precisely quantified by the system and rewarded through RTTX incentives. The more technologically advanced your operations, the higher your conversion efficiency, and the greater your overall returns will be.



Technical side: the brain of the ecosystem, the foundation of efficient operation

The technology framework serves as the "smart brain" driving the entire ecosystem's efficient, transparent, and trustworthy operations. Your technical support permeates every aspect of the ecosystem: AI algorithms optimize recycling path planning and task matching, enabling smarter resource allocation; IoT devices enable real-time monitoring of agricultural waste from generation to disposal, ensuring data traceability; blockchain technology provides immutable trust endorsements for every transaction and value transfer, safeguarding all participants' rights. The platform dynamically evaluates your technical contributions, offering continuous RTTX incentives based on tangible benefits like cost reduction, efficiency enhancement, and transparency improvement in practical applications. Your technological innovations directly fuel the ecosystem's growth while delivering consistent returns.

Consumers/investors: the soil of the ecosystem, co-builders of value recognition

Consumers and investors are the ultimate beneficiaries of ecological value and the "soil" of the market. Your participation provides crucial support for the closed-loop ecosystem. As consumers, you can purchase green, organic, and eco-friendly recycled products derived from agricultural waste through the platform — such as additive-free organic vegetables and clean biomass fuels — enjoying a healthy lifestyle while contributing to environmental protection. As investors, you can hold RTTX digital assets to deeply engage in ecological development. With the continuous expansion of the ecosystem, growing participation, and maturing recycled product markets, RTTX's value will rise in tandem with the ecosystem's growth. Every bit of your trust and investment will help us witness the emergence of a new paradigm in green economy.

## 6.2. Operation Process

Our operations are a highly automated, data-driven and open and transparent closed-loop system that ensures that every piece of agricultural waste is efficiently



and accurately converted into value, and that all participants' contributions are fairly and promptly rewarded.

The whole process consists of four core links, which are closely linked and seamlessly connected:

## 1. Data-driven, intelligent ordering

It all starts with a simple step from the source of agricultural waste (farmers/farms). You can easily upload key data of agricultural waste through the platform App, including specific types (such as straw, livestock manure, vegetable waste, etc.), estimated quantity and geographical location.

After submitting the information, the backend AI algorithm model activates immediately. By integrating historical recycling data, regional distribution of recycling companies' transportation capacity, real-time processing plant demands, and transportation costs, it performs millisecond-level comprehensive analysis to automatically generate an optimal smart recycling order. This order precisely matches the most suitable recycling companies, ensuring maximum recycling efficiency.

## 2. Efficient fulfillment, on-chain ownership confirmation

After recycling enterprises see the orders on the platform, they can accept the orders according to their own business planning. Then, the enterprises arrange vehicles and personnel to go to the designated place to complete the loading and transportation of agricultural waste.

Throughout the transportation process, IoT devices (such as GPS trackers and smart scales) continuously record critical data including vehicle trajectories, initial weight, and arrival times. Once agricultural waste is safely delivered to the designated processing site and the handover is completed, these tamper-proof records are instantly uploaded to the blockchain.

Blockchain data triggers pre-set smart contracts, which automatically verify whether the transportation task is completed as agreed. After confirmation, the smart



contract executes automatically, issuing the agreed transportation service fee and corresponding RTTX reward to the recycling enterprise. The entire process is open and transparent, requiring no human intervention.

### 3. Intelligent monitoring and standard incentive

After the enterprise receives the agricultural waste, it will carry out the recycling treatment according to the predetermined technical plan, such as fermentation to produce biogas, crushing to produce organic fertilizer, etc.

The entire processing process is monitored 24/7 by AI vision recognition and sensor networks. The system monitors key indicators such as temperature, humidity, and gas composition in real time to ensure that the processing process meets environmental standards and resource requirements.



Upon completion of processing and AI system confirmation of compliance, the processed results and product data will be recorded and uploaded to the blockchain. This action will trigger the smart contract to distribute RTTX rewards to the



processing enterprise, linked to its processing volume and effectiveness, thereby incentivizing continuous improvement in processing technology and efficiency.

#### 4. Realize value, build ecology together

The platform's online store directly handles resource products from enterprises, such as organic fertilizers, biomass pellet fuel, and bio-based materials, which are sold to consumers and corporate clients nationwide.

The proceeds from the sale of the product will be automatically and transparently distributed among all participants, including the generator, the recovery enterprise, the processing enterprise and the technology party, in accordance with the preset smart contract rules.

To preserve RTTX's long-term value, the operational framework incorporates a deflation mechanism: after each profit distribution, a portion of earnings is allocated to repurchase and destroy RTTX from the market. This mechanism effectively reduces the total circulating supply, thereby enhancing RTTX's scarcity and value, creating a self-sustaining ecosystem that drives positive growth.

## 6.3. Team Introduction

### Core Team Introduction

Our core team is a diverse elite group of global leaders, including top-tier technical experts, seasoned financial executives, serial entrepreneurs, and academic authorities. They not only possess decades of profound expertise and remarkable achievements in their respective fields, but also share a common vision and deep insights into the integration of blockchain technology with the real economy.

#### JF-CEO (Chief Executive Officer)

#### Jeff-CEO

Dr. Jeff is a top-tier technical expert and manager with a Ph.D. in Electrical



Engineering from Washington University in St. Louis. His career began at Freescale Semiconductor, where he served as a System Architect and led the development of the LG Electronics Broadband Remote Access Router (BRAS-40) switching architecture chipset for South Korea's telecom networks, demonstrating exceptional technical leadership.

Subsequently, he joined Huawei Technologies Co., Ltd. 's U.S. Wireless Access Laboratory as a principle scientist and senior engineer, serving as the architect of the Base Station SoC Network Chip Program. This program was successfully integrated into chip design, laying a solid technical foundation for Huawei's wireless business. During his time at Broadcom, he held key positions in the enterprise transformation business unit, further deepening his influence in the communications and semiconductor industries.

Dr. Jeff brought his deep technical expertise in chip design, wireless communications, and system architecture, along with a global perspective, to RTTX. He was responsible for the company's overall strategic planning and technical roadmap, ensuring the project's technological leadership and commercial viability.

Alex-CTO (Chief Technology Officer)

Alex-Chief Technology Officer

Alex is a senior expert with over 10 years of experience in fintech and large-scale system architecture. His career highlights include founding and serving as the Director of the Information Technology Institute (ITI) under Singapore's National Computer Board (NCB), where he spearheaded the forefront of information technology research and innovation in Singapore.

He also served as Chief Information Officer at Singapore's National Computer Board and as a National Project Manager for IT 9001 certification, making outstanding contributions to Singapore's digital transformation. Additionally, he founded the Singapore-Israel Industrial Research and Development Fund (SIIRD), demonstrating exceptional capabilities in resource integration and international



collaboration.

Alex, with extensive experience in leading roles at financial institutions including Bank of Russia, possesses profound expertise in the security, stability, and compliance of financial systems. He will bring financial-grade technical architecture design and security assurance to RTTX, ensuring the robust operation of the ecosystem.

Hofbauer-Chief Architect (Chief Architect)

Hoffbauer-Chief Architect

Hoffbauer is a seasoned veteran with over 15 years of software development experience, and an early pioneer in blockchain technology. He has a profound understanding of blockchain's underlying technologies, particularly excelling in the theoretical frameworks, consensus mechanisms, and code implementations of major projects like Ethereum and IPFS.

His technical expertise spans full-stack development from underlying protocols to upper-layer applications, enabling him to accurately identify blockchain technology trends and core pain points. In the RTTX project, Hoffbauer will lead the design and optimization of the blockchain infrastructure, ensuring the system delivers high performance, robust security, and scalable capabilities – establishing a solid technical foundation for the decentralized operation of the entire ecosystem.

Allan WANG - Product Director

Wang-Product Director

Wang is an early pioneer and serial entrepreneur in China's mobile internet field, with more than 15 years of rich experience. He founded Dangle Network, a leading mobile game platform in China, and has a deep understanding of user needs and product iteration logic.

Prior to founding Dangle, he gained extensive experience in corporate operations



and capital management through roles at industry leaders including Samsung and Qingke Capital. As a visionary investor, he was among the early backers of prominent blockchain projects such as SmartMesh, Babit, and Aware, demonstrating sharp insights into the sector's ecosystem development and product implementation.

The king brought his successful experience in product development, user growth, and business monetization to RTTX, taking charge of product strategy, user experience design, and marketing to ensure RTTX's products can accurately meet market needs and quickly achieve user growth and ecological prosperity.

Li - Operations Director

Li Yun-Operations Director

Li Yun is a versatile talent with a top-tier academic background, extensive experience in multinational corporate leadership, and deep industry expertise. Holding a Ph.D. in Computer Science from MIT, he has held executive positions at global tech giants including Microsoft, Amazon, Google, and IBM, where he gained substantial experience in corporate management, data analysis, and business operations.

As a computer science professor at the University of Pennsylvania, Dr. Li Yun has published hundreds of academic papers in the fields of computer science, internet, and blockchain, establishing himself as a leading authority in these domains. With unique and profound insights into the essence, application scenarios, and future trends of blockchain technology, he excels at bridging cutting-edge academic theories with practical business applications.

In the RTTX project, Li Yun will be responsible for the formulation, data analysis and optimization of the ecological operation strategy, as well as the coordination of cross-department and cross-partner work to ensure the efficient and orderly operation of the project and promote the sustainable and healthy development of the ecosystem.



## VII. Risks and Responses

We fully recognize that every innovation project comes with opportunities and challenges along the way. Therefore, we have established a comprehensive and dynamic risk management system to anticipate, identify and effectively mitigate potential risks, so as to ensure the steady and sustainable development of the ecosystem.

### 7.1. Technical Risks

potential risk :

Insufficient accuracy of AI models may lead to unreasonable recycling path planning and error in processing effect prediction, which will affect the overall operation efficiency.



As the ecological scale expands, blockchain may face performance bottlenecks



such as transaction congestion and processing delays, which affect user experience and system throughput.

coping strategy :

Building a top-tier technical team: We have assembled senior experts in AI, blockchain, big data and other fields to form a dedicated technical task force. The team will continue to optimize AI algorithm models by introducing more real-time data dimensions (such as weather, road conditions, and treatment plant load) to improve prediction and decision-making accuracy.

Elastic architecture upgrade: At the blockchain level, we implement a hybrid 'main chain + side chain' architecture with interfaces reserved for integration with more efficient Layer 2 solutions or next-generation public chains. This ensures seamless performance scaling with transaction volume growth, fundamentally addressing potential performance bottlenecks.

## 7.2. Market Risk

potential risk :

As a value carrier within the ecosystem, RTTX's market price may fluctuate due to the overall volatility of the cryptocurrency market.

Recycled products (such as organic fertilizer and biomass fuel) may face fierce competition from traditional similar products, or may face poor sales due to changes in market demand.

coping strategy :

Building diversified application scenarios: We are actively expanding the application boundaries of RTTX, so that it is not only an incentive tool within the ecosystem, but also will be applied to supply chain finance, green credit collateral, carbon trading offset and other fields in the future, to enhance the price stability by



improving its intrinsic use value.

Establishing long-term strategic partnerships: We have entered into long-term procurement agreements with major agricultural conglomerates, energy companies, and retailers. These collaborations not only secure stable sales channels and cash flow for our resource-based products, but also reduce unit production costs through bulk orders, thereby enhancing the market competitiveness of our offerings.

## 7.3. Policy Risks

potential risk :

Global and national and regional support policies and subsidy standards for the environmental protection industry may be adjusted, affecting the policy dividends of the project.

The regulatory policies of various countries on cryptocurrencies and digital assets are still in development and change, which may bring uncertainty to the circulation and trading of RTTX.

coping strategy :

Building a Global Compliance Team: We have professional policy research and legal teams in all major operating regions, closely tracking the latest developments in local environmental and financial regulatory policies. The team will ensure that every aspect of project operations strictly complies with local laws and regulations.

Proactive Communication and Standardization Collaboration: We actively establish communication mechanisms with environmental protection authorities, financial regulators, and industry associations worldwide. Beyond merely complying with policies, we are committed to becoming standard-setting participants and contributors in the green digital economy sector. Through proactive dialogue, we strive to create a favorable development environment and promote the establishment



of industry self-regulatory standards.

## VIII. FUTURE PLANS

Our development plan is a clear, feasible and ambitious blueprint, which not only depicts the growth path of the platform, but also outlines our determination and steps to promote the global agricultural transformation. We will take three steps, from technological foundation to global leadership, to gradually realize the grand vision of reshaping the future of agriculture with science and technology.

### 8.1. Breakthrough in pilot projects based on technological foundation

This phase is our "Genesis" phase, and the core task is to lay the foundation and complete the market validation.

**Technical Breakthrough and Platform Development:** We will pool top-tier technical expertise to develop and integrate AI-powered scheduling algorithms, IoT monitoring systems, and blockchain infrastructure. The ultimate goal is to deliver a stable, efficient, and secure core platform that establishes an unshakable technological foundation for the entire ecosystem.

**Precision pilot and model validation:** We will select representative agricultural production areas in 1-2 major agricultural countries (such as China, the United States, or Brazil) for in-depth pilot projects. By collaborating with local governments, large farms, and recycling enterprises, we will implement our model.

**Accumulate initial ecological assets:** During the pilot period, we will accumulate the first batch of core users (generators, recycling and processing enterprises) and valuable operational data. These data will be used to continuously optimize AI models and operational processes, achieve the key breakthrough from 0 to 1, and prove the feasibility and commercial value of our model.



## 8.2 Global Expansion Ecology Scale

This phase is our "expansion phase," where the core task is to replicate success and achieve economies of scale.

Global network layout: On the basis of successful pilot, we will quickly replicate the model and expand the strategy to the major agricultural producing areas around the world. The goal is to establish a network of agricultural waste recycling and resource treatment covering five continents, connecting the global agricultural ecological participants.

Optimizing Incentives for Ecosystem Growth: We will refine RTTX's incentive framework through iterative adjustments based on initial operational data. By implementing more sophisticated algorithms, we ensure incentives are precisely allocated to every value-creating process, thereby attracting a broader and more diverse range of participants to the ecosystem.

Achieving scale growth: We will achieve exponential growth in two core metrics. First, the global volume of agricultural waste processing will surge, making a significant contribution to environmental protection. Second, the circulation and application scenarios of RTTX will expand dramatically, transforming it from an ecological incentive token into a digital asset with tangible value.

## 8.3. Ecological leadership, universal value

This phase is our "lead phase", with the core task of establishing industry standards and driving the global transformation of agriculture.

To become the absolute leader in the industry: Our goal is to become the undisputed and largest agricultural waste recycling ecological platform in the world. By then, we will have the most extensive user base, the most advanced technical capabilities and the most efficient resource circulation system, and define the future of the industry.

Driving systemic agricultural transformation: We will transcend commerce itself





to become a key force in driving the global agricultural transition from traditional to green, circular and sustainable models. Our platform will not only be a business network, but also a public infrastructure to address global environmental and food security challenges.

RTTX establishes global value recognition: As a value measurement and circulation medium for agricultural green transformation, RTTX is gaining widespread adoption and recognition worldwide. It will serve as a bridge connecting agriculture, environmental protection, finance, and other sectors, realizing its grand vision as a global green economy digital token.



## IX. RTTX Mission and Vision

RTTX's mission is to fundamentally address the global dual challenges of agricultural waste pollution and resource waste through cutting-edge technological innovation. We firmly believe that every piece of agricultural waste holds immense untapped value, and technology is the key to unlocking this potential.

We are committed to deeply integrating intangible environmental values with efficient market mechanisms. By leveraging AI and blockchain, we provide an



unprecedented, systematic solution for sustainable agricultural development. This is not just a business model, but a groundbreaking paradigm shift.

Our vision is to build a decentralized environmental ecosystem where everyone participates and benefits. In this ecosystem, the contribution of every person, whether it is a farmer working in the field, a developer providing technology, or an ordinary consumer concerned about the environment, can be accurately quantified and fairly rewarded.

We firmly believe that RTTX is more than just a platform or digital asset—it will become the core engine driving global agriculture toward greener, more efficient, and circular practices. Together with all like-minded partners, we will safeguard our planet and leave future generations a cleaner, more prosperous world.