

KIT TOKEN WHITEPAPER

Smart Orchard Technologies Electric Tractors & Modular Agricultural Systems Community-Based Industrial Financing International Investor Edition

Executive Summary

Kaanay Makina designs and manufactures compact, ATV-style economical tractor platforms and modular agricultural equipment for orchard and rural applications, focusing on low fuel consumption, high maneuverability, driving comfort, and multi-purpose functionality.

The **Tay**, **Boğay** and **Buğray** model tractor platforms combine off-road capability, suspension-supported driving comfort, and full agricultural operability. This architecture allows farmers to reduce machinery redundancy, lower ownership and operating costs, and improve overall utilization rates. Each model can be utilized not only for agricultural duties but also for low-cost transportation of goods and comfortable mobility in rural daily life.

Through the **KIT Token initiative**, Kaanay Makina aims to expand its manufacturing capacity and accelerate long-term research and development programs, including electric tractor platforms and AI-driven robotic automated harvesting systems. The initiative supports a gradual transition toward smart orchard automation while maintaining compatibility with existing agricultural practices.

The KIT Token is structured as a transparent, sustainability-oriented and community-aligned financing mechanism, designed to support long-term industrial value creation rather than short-term speculative activity.

1. Introduction

Global agriculture is increasingly affected by rising labor costs, workforce shortages, and inefficient use of machinery. Orchard farming, in particular, remains highly dependent on seasonal manual labor, especially during harvesting periods.

Kaanay Makina addresses these challenges by developing extremely economical multi-purpose, high-mobility tractor platforms and modular agricultural equipment that maximize utilization, reduce ownership and operating costs while establishing a technological foundation for future automation.

2. Company Overview

Industry: ATV Tractor and Agricultural Machinery Manufacturing

Core Focus: Cost-efficient, multi-purpose tractor platforms and modular agricultural equipment

Kaanay Makina develops mechanical solutions aligned with real-world rural usage patterns. In many agricultural regions, tractors are used intensively only during limited seasonal periods and remain underutilized for the rest of the year. This structural inefficiency increases ownership costs and limits capital productivity.

By integrating transportation capability with agricultural productivity, Kaanay Makina enables a single vehicle to operate effectively across multiple use cases throughout the year.

Legal Entity: Kaanay Makina İmalat İthalat İhracat Sanayi ve Ticaret Limited Şirketi
Turkey-based agricultural machinery manufacturer specializing in compact ATV-type tractors and compatible equipment for orchard and rural farming.

3. ATV-Style Tractor Platform Architecture

Core Differentiation

Tay, Boğay and Buğray tractors are engineered as **ATV-type tractor platforms**, clearly distinguished from conventional compact tractors by combining off-road mobility with full agricultural functionality.

Key characteristics include:

- Integrated suspension system for enhanced driving comfort
- High mobility on uneven terrain, orchards, and rural roads
- Maximum speed up to **42 km/h**, enabling efficient transportation
- Dual-purpose usage for agricultural operations and daily rural logistics

This platform architecture allows farmers to rely on a single vehicle for both productive field work and comfortable mobility throughout the year.

4. Products and Tractor Platforms

Tay Tractor – 15HP (6800 USD EXW)

Key features:

- T3 category compact tractor
- High maneuverability in narrow orchard rows
- Driving comfort for long operating hours
- Compatibility with standard three-point hitch implements
- Low operating and maintenance costs

Tay tractor serves as the entry-level platform within the Kaanay Makina ecosystem.

Boğay Tractor – 12 HP (9000 USD EXW)

A compact **12 HP** ATV-type tractor designed for orchard and garden agriculture.

Key features:

- T3 category compact Tractor and ATV features combined in a single vehicle
- High maneuverability in narrow orchard rows
- Suspension-based driving comfort for long operating hours
- Compatibility with standard three-point hitch implements
- Low operating and maintenance costs

Boğay serves as the entry-level platform within the Kaanay Makina ecosystem.

Buğray Tractor – 24 HP (12000 USD EXW)

A higher-power 24HP Tractor and ATV features combined in a single vehicle designed for heavier agricultural and multi-purpose rural operations.

Key features:

- Reinforced chassis structure
- Operator protection system (ROPS)
- Shared suspension and comfort architecture with Boğay
- Increased payload capacity and equipment compatibility

Boğay and Buğray form a scalable tractor platform family with shared mechanical architecture.



Figure 1

Tractor Production Line



Figure 2

Shipping Area



Figure 3

Storage Area

5. Agricultural Equipment Ecosystem

Kaanay Makina manufactures and validates a modular portfolio of agricultural equipment compatible with standard three-point hitch systems.

Core equipment includes:

- Rotovator (12–40 HP, T2–T3)
- 750 kg tipping trailer
- Plow
- Cultivator
- 200 Liters Sprayer unit
- Grass mower
- Hydraulic lift basket
- 400-liter grain silo

All equipment is detachable, interchangeable, and engineered for year-round use.

6. R&D Vision

6.1. Electric Tractor & AI-Based Robotic Harvesting

Electric Tractor Development – Tay Electric Model (17 kW)

The TAY Electric Model is a fully electric compact tractor under development.

Objectives:

- Elimination of fossil fuel dependency
- Reduced mechanical complexity
- Zero tailpipe emissions and low noise operation
- Compatibility with AI-driven agricultural systems



Figure 4 – 17 kW Tay Electric Tractor to be manufactured after the R&D phase

6.2. AI-Based Robotic Harvesting Systems

A rear-mounted, detachable AI-powered harvesting system compatible with standard three-point hitch systems.

Design principles:

- Long-reach robotic arms (up to ~4 meters)
- Machine vision for fruit detection and ripeness analysis
- Soft-grip harvesting end-effectors
- Integrated conveyor system transferring fruit to rear-mounted crates

Expected impact:

- Reduced dependency on seasonal labor
- Improved harvesting consistency and quality
- Lower operational costs

Target crops include apples, cherries, sour cherries, pears, and similar orchard fruits.



Figure 5-The autonomous harvesting robot to be manufactured after the R&D phase

7. Integrated Smart Orchard Ecosystem

By combining:

- ATV-type mechanical tractors (Boğay, Buğray)
- Electric tractor technology (Tay)
- AI-based robotic harvesting systems
- Modular agricultural equipment

Kaanay Makina enables a **gradual transition to smart orchard automation** without requiring full replacement of existing machinery.

8. Business Model

The business model is based on:

- Modular product architecture
- Cross-selling of tractors, equipment, and trailers
- Direct field feedback-driven product development
- Reduced dependency on fragmented service networks

9. KIT Token Overview

Token Information

- Token Name: **KIT**
- Blockchain: **BNB Smart Chain (BSC)**
- Total Supply: **300,000,000 KIT**
- Decimals: **18**
- Supply Type: **Fixed**
- Official Website: <https://www.kaanay.com.tr/en/kit>

10. Purpose of the KIT Token – R&D Tokenization Model

The KIT Token is **not issued for equity financing, capital contribution, or balance sheet expansion** of Kaanay Makina.

The primary purpose of the KIT Token is to **support, accelerate, and commercialize defined research and development (R&D) activities** and to enable participation in the **economic outcomes generated by R&D-derived products**.

Under this model:

- The KIT Token represents **tokenized participation in R&D activities and their commercial results**, not ownership of the company
- Funds raised through the KIT Token are allocated exclusively to **R&D execution, validation, and commercialization**
- Products developed through KIT-supported R&D are intended to generate **real-world commercial revenue**
- Revenue generated from such products may, at management discretion and subject to operational conditions, be shared with KIT Token holders.

This structure allows community participants to align with **innovation outputs and commercialization success**, rather than corporate equity or governance.

11. Utility Enhancement – KIT Token Practical Usage

In addition to its role as a research and development (R&D) participation token, the KIT Token provides **practical, real-economy utility** within the Kaanay Makina product and service ecosystem.

Product Purchase Utility

KIT Tokens may be used as a **partial payment instrument** for the purchase of Kaanay Makina products and services.

- Up to **20% of the total purchase value** of tractors, agricultural equipment, and selected services may be paid using KIT Tokens
- When KIT Tokens are used as part of the payment, an **operational payment advantage of up to 4%** may be applied to the total purchase value
- The remaining portion of the purchase price is settled using fiat currency or other accepted payment methods

- The applicable KIT Token usage ratio, payment advantage, and conditions are determined by company management and may vary based on product type, availability, market conditions, and operational considerations

This mechanism enables KIT Token holders to directly benefit from ecosystem participation while maintaining **operational, financial, and accounting stability** for the company.

Ecosystem Alignment & Demand Support

The product purchase utility serves multiple strategic objectives:

- Encourages long-term holding and active ecosystem engagement
- Creates organic demand for KIT Tokens through real-world product usage
- Links token utility to tangible industrial output rather than speculative activity
- Reinforces the R&D tokenization model by connecting innovation funding with product adoption

Utility Governance Disclaimer

KIT Token usage for product purchases:

- Does not represent a guaranteed discount, rebate entitlement, or price stabilization mechanism
- Does not constitute financial incentives, investment returns, or profit guarantees
- Does not grant ownership, equity, or governance rights
- Remains subject to operational feasibility, regulatory considerations, and management discretion

All utility features may be updated, expanded, or adjusted in accordance with applicable laws, regulatory requirements, and internal compliance policies.

12. R&D Valuation Framework

The total R&D program supported by the KIT Token initiative is valued at **USD 3,000,000**.

The KIT Token initiative represents the **tokenization of a defined portion of this R&D value**, enabling external participants to support and align with the commercialization of R&D outputs.

The initial public funding target through token distribution is **USD 600,000**, corresponding to **20% of the total R&D valuation**.

- This model establishes a clear and transparent relationship between:
 - R&D scope
 - Tokenized participation
 - Commercialization objectives

13. Token Distribution (Tokenomics)

The total fixed supply of **KIT** Tokens is **300,000,000 KIT**.

The indicative allocation structure is as follows:

Allocation Category	Percentage	Amount (KIT)
DXSale Presale	20%	60,000,000
DEX Liquidity Pool	8%	24,000,000
R&D Commercialization Pool	22%	66,000,000
Team & R&D Contributors (Vested)	10%	30,000,000
Reserve & Ecosystem Development	40%	120,000,000

Tokens allocated to team members and R&D contributors are subject to **vesting and lock-up schedules** to ensure long-term alignment with R&D execution and commercialization milestones.

14. DXSale Presale Structure

The KIT Token presale will be conducted via **DXSale** under the following parameters:

- Tokens offered in presale: **60,000,000 KIT**
- Presale token price: **USD 0.01 per KIT**
- Total presale funding target: **USD 600,000**
- Accepted currencies: BNB and/or stablecoins supported by DXSale

The presale is designed to fund **R&D execution and early-stage commercialization**, not to raise corporate capital or equity financing.

15. Use of Presale Funds

Funds raised through the DXSale presale will be allocated as follows:

Liquidity Allocation (60%)

- **USD 360,000** equivalent
- Automatically deployed as liquidity on PancakeSwap
- Liquidity will be **time-locked** to ensure market stability
- Locked liquidity cannot be withdrawn during the lock period

R&D Execution Allocation (40%)

- **USD 240,000** equivalent
- Allocated exclusively to:
 - Electric tractor development
 - Prototyping and validation
 - Field testing and commercialization preparation

No portion of the presale funds is allocated for dividends, profit guarantees, or equity distributions.

16. Token Generation Event (TGE) & DEX Trading

Following the successful completion of the DXSale presale:

- Liquidity will be automatically deployed on PancakeSwap
- Liquidity tokens will be time-locked
- KIT Tokens will become **freely tradable on decentralized exchanges**
- Token pricing will be determined by **market supply and demand**

The KIT Token does not have a fixed post-presale price or guaranteed market valuation.

17. Revenue Participation from R&D-Derived Products

Revenue participation for KIT Token holders is based solely on **commercial revenues generated by products developed through KIT-supported R&D activities**.

Key principles:

- Revenue participation is **discretionary and performance-based**
- No guaranteed return, fixed yield, or minimum payout is implied
- Distribution decisions are evaluated annually

- Distributions, if any, may be executed in stablecoins or blockchain-based assets
- Revenue participation does not constitute dividends, securities, or ownership rights

18. Existing Operations & Market Validation

Kaanay Makina is an active and established agricultural machinery manufacturer with significant real-world deployment.

To date:

- Approximately **1,000 Tay, Boğay and Buğray tractors** are actively operating in the field
- Over **2,000 modular agricultural equipment units** have been sold and are in active use
- Deployments include **Turkey, Africa, and other international agricultural regions**

This existing operational footprint demonstrates validated demand, field-tested engineering, and commercial readiness, forming the foundation for the KIT Token-supported R&D expansion.

19. Regulatory Positioning & Disclaimer

The KIT Token is structured as a **research and development participation token**.

- The KIT Token does not represent equity, shares, voting rights, or ownership interests
- Token holders do not receive governance or decision-making authority
- Revenue participation is discretionary and not guaranteed
- Token availability may be restricted in certain jurisdictions
- Participation may require KYC/AML compliance depending on platform and jurisdiction

Prospective participants are responsible for ensuring compliance with applicable local regulations.

20. Conclusion

The KIT Token introduces a transparent and real-economy-focused **R&D tokenization model**, enabling community participation in the commercialization of agricultural innovation.

By combining proven mechanical platforms, validated market presence, and forward-looking R&D initiatives, Kaanay Makina positions the KIT Token as a long-term alignment mechanism between industrial innovation and decentralized participation.

21. Project Team

Project Leader: Assoc. Prof. Dr. Yusuf UZUN

Project Director: Aubri BECKHAM

Project Engineer : Baris PRINCCI

R&D Engineer: Rustem KADEROGLU

Investor FAQ

1. What is the primary purpose of the KIT Token?

The KIT Token is designed to support the **commercialization of Kaanay Makina's research and development activities**, specifically electric tractor platforms and AI-assisted robotic harvesting systems.

2. Does the KIT Token represent equity or ownership in Kaanay Makina?

No. The KIT Token does **not** represent equity, shares, voting rights, or ownership in Kaanay Makina.

3. How are funds raised through the KIT Token used?

Funds are allocated to final-stage development, validation, manufacturing preparation, and commercialization of R&D-derived products, as well as operational activities directly supporting this process.

4. Is profit-sharing guaranteed for KIT Token holders?

No. Profit-sharing is **not guaranteed**. Any potential distributions are discretionary and depend on financial performance, cash flow, and management decisions.

5. How often are profit or revenue distributions evaluated?

Potential distributions are evaluated on an **annual basis** following the completion of each fiscal year. Additional interim distributions may be considered at management's discretion.

6. In what form may distributions be made?

If distributions occur, they may be executed in **stablecoins or other blockchain-based assets**, subject to operational feasibility.

7. Is the KIT Token a security or investment product?

The KIT Token is intended as a **utility and participation token** supporting industrial development. It is not structured as a security or regulated investment product.

8. What are the main risks associated with the KIT Token?

Risks include market demand fluctuations, regulatory changes, R&D execution challenges, supply chain constraints, and overall financial performance risks.

9. Can the company change the use of funds after the token sale?

Allocation decisions are made by management based on technical progress and operational priorities. Funds are used in alignment with the commercialization objectives described in the whitepaper.

10. Does holding KIT Tokens provide voting or governance rights?

No. KIT Token holders do not receive governance, voting, or decision-making rights within the company.

11. Is there a minimum holding period for KIT Tokens?

There is no mandatory holding period unless specified by the token sale platform or smart contract conditions.

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