

WHITE PAPER.

[HTTPS://DARTS.NE.JP/](https://darts.ne.jp/)

New world of value and revenue created by blockchain



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01.

INTRODUCTION

DART's is a blockchain-centric network designed to facilitate individual existence, asset value preservation, and profit distribution in transactions. Users can freely utilize these advanced features without needing special attention.

Currently, the Ethereum blockchain widely supports Web3 with cryptocurrency circulation and smart contract execution. However, it faces challenges such as fluctuating gas fees and price instability due to demand changes.

DART's resolves these issues by developing the private blockchain "DART's Chain," aimed at efficient and cost-effective issuance and circulation of NFTs and RFTs (Re-Fungible Tokens). This includes advanced functionalities like content protection and direct profit sharing for content creators through multiple revenue distributions.

DART's Chain, equipped with interoperability with various blockchains including Ethereum, functions as a cross-chain platform core for NFT and RFT issuance and circulation.

The DAR token (Digital Asset Right Token), issued by DART's, is used for payments within the DART's ecosystem and for distributing profits to creators and stakeholders in the issuance and circulation of advanced NFTs and RFTs. Profit distribution from NFT and RFT transactions is executed via the DART's Vault smart contract within DART's Chain. DAR token holders can deposit funds into DART's Vault, earning incentives proportional to their contribution to ecosystem maintenance.

Furthermore, the DAR token is planned to be exchangeable with fiat currencies on global cryptocurrency exchanges to enhance its real-world effectiveness. It aims to provide convenience in asset value definition, preservation, copyright and neighboring rights, transactions, distribution, promotion, settlement, and revenue sharing across industries, contributing to the transformation of the NFT and RFT markets.



02.

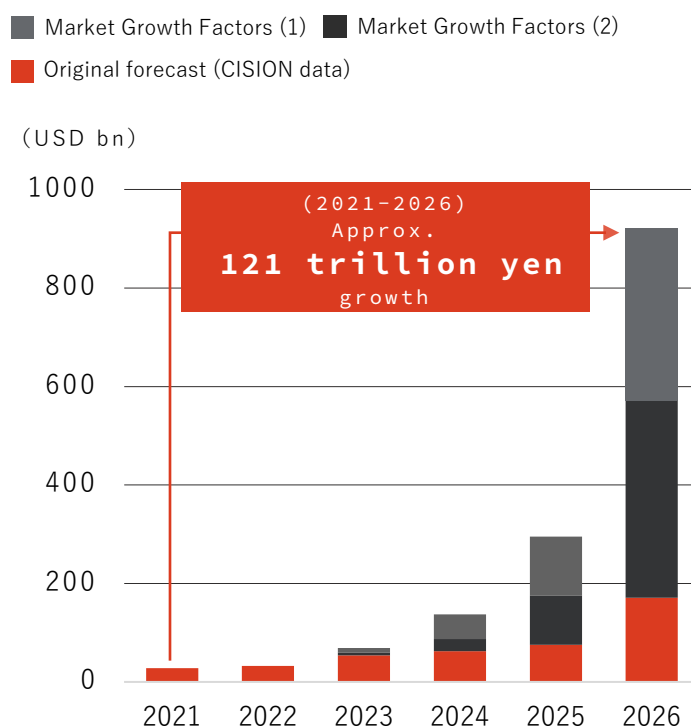
PROJECT OVERVIEW

2-1 | NFT Market

According to the latest data from third-party research firm CISION, the NFT market is expected to grow by \$142.74 billion (about 20 trillion yen) from 2021 to 2026. Despite significant transaction volume reduction since May 2022, technological innovations and marketing, such as reduced gas fees and commissions, are continuously happening in some NFT marketplaces. As a development-oriented company, DART's seamlessly provides services from scratch development to marketing, advancing various projects.

We anticipate our technology innovations will catalyze cross-market transactions, including sales in multiple NFT marketplaces, leading to mainstream issuance and circulation of advanced NFTs featuring multiple revenue distributions (Market Growth Factor ①). Additionally, the issuance and circulation of RFTs, introduction of DART's-Stocks for financial transactions, and general use of advanced NFTs (like ID generalization) are expected to contribute to a market growth of \$893.66 billion (about 121 trillion yen) from 2021 to 2026 (USD exchange rate = 135 yen).

NFT Market Size Trends



*Market Growth Factors (1) Cross trading among exchanges, advanced NFT issuance and distribution including nRevenue sharing
*Market Growth Factor (2) RFT issuance and distribution, financial transactions through NFT stock, and further general-purpose use of IDs
Based on CISION: Non-fungible Token (NFT) Market Size.

2-2 | DART's Wallet

DART's Wallet, more than a typical wallet, functions as a contract wallet, distinct from traditional IT wallets used for storing cryptocurrency (tokens, NFTs). It offers an interface capable of freely interacting with any smart contract, serving as a component library.

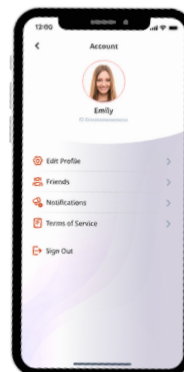


No-gas Fee

Friend Registration

SNS Log-in

Members ID card



2-3 | Utilization in Entertainment

In the entertainment industry, production companies and talent agencies have traditionally operated fan clubs for marketing and audience engagement.

However, many now exist as DAOs in the Web3 era.

Centered on Decentralized Identification (DID), DART's Wallet is transforming entertainment. It supports fan clubs as membership apps, seamlessly manages event invitations, ticket issuance, payment, and talent-related merchandise purchases. Additionally, individual fan activities are recorded as NFTs on the blockchain, with options for public or private settings.

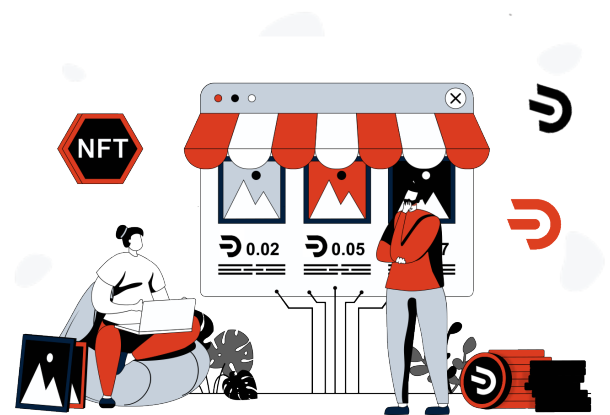
DART's has a permanent shop in Shibuya, Tokyo, for DART's Wallet practical testing and plans to accelerate the global expansion of DAR tokens, supporting the international expansion of K-POP superstars.



2-4 | DART's Marketplace

Our marketplace differs from typical ownership trading sites (like OpenSea). It allows sellers (creators and promotion companies) to freely set up their stores based on their rules, offering a one-stop solution for browsing and direct access to desired sellers.

DART's Marketplace also features a One Touch Affiliate Button, enabling effortless affiliate marketing even for users without special registration or knowledge. The global affiliate market, estimated at about \$22 billion in 2020, is expected to reach approximately \$37 billion by 2025.



2-5 | DART's NFT Authoring

Traditionally, creating NFTs required understanding smart contracts and incurred additional costs. For instance, costs for NFT authoring on OpenSea include creator fees, necessary tools, and software, often resulting in hundreds to thousands of dollars for high-quality NFT creation.

Our freemium model includes basic authoring software with paid subscription services, allowing users to start authoring at a very low cost.



03.

CHALLENGES AND SOLUTIONS

3-1 | Achieving a Gas-Zero Society

The so-called "gas fees" incurred during NFT minting or token transfers have posed challenges to the proliferation of smart contracts. DART's aims to build a society where smart contracts are used freely worldwide, and addressing this issue is unavoidable.

We adopt a step-up approach to tackle this challenge. In STEP1, we use existing Ethereum and Polygon mainnet networks for service validation and introduce our services for both enterprise and client-facing applications. In STEP2, we demonstrate reduced network costs while executing complex smart contracts, and in STEP3, we complete the service launch on DART's Chain.

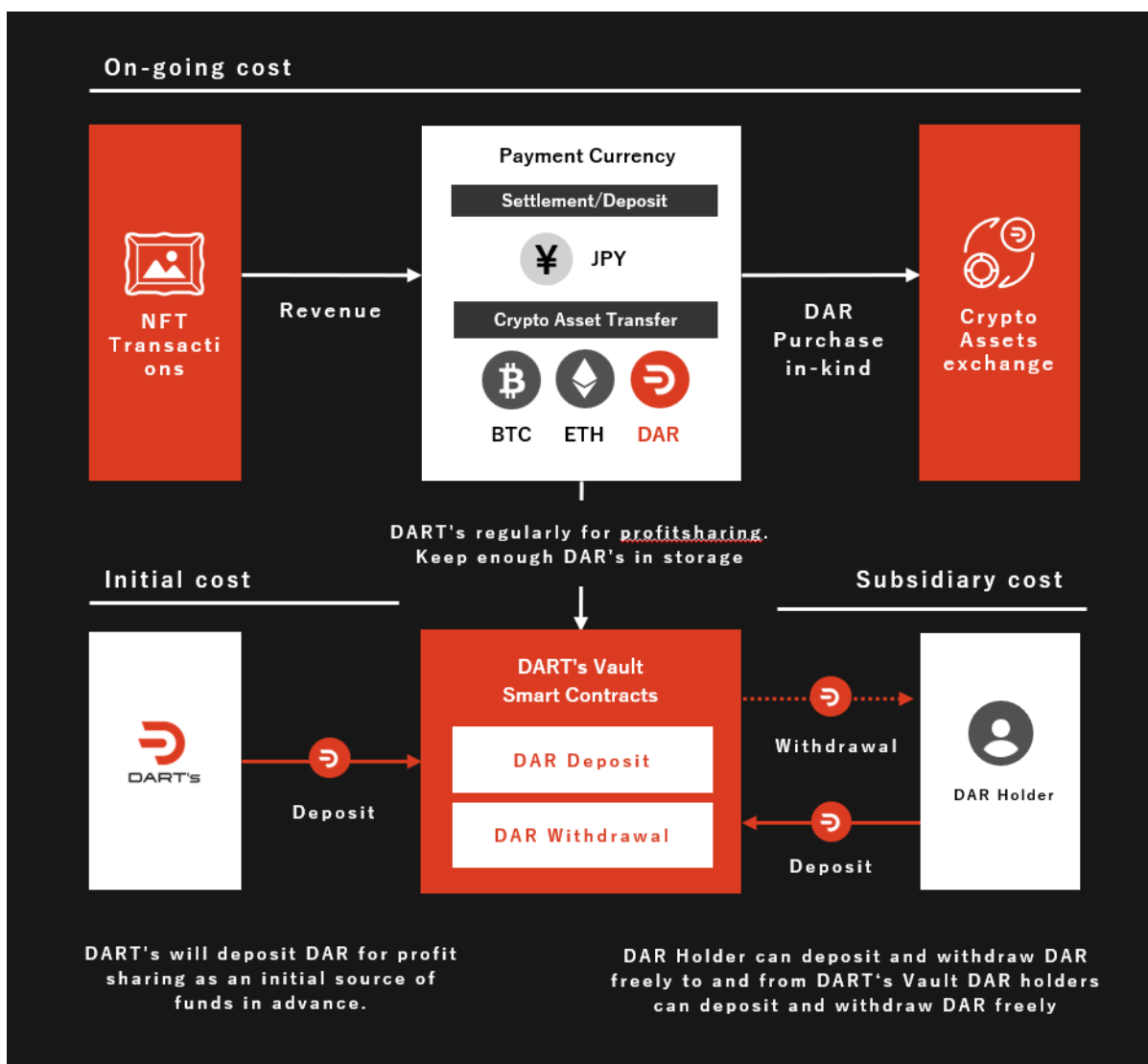
Achieving a gas-zero society is a global aspiration, essential for continuous automatic revenue distribution to content creators, arrangers, promoters, etc., with each transaction (defined by us as multiple revenue distributions). In the Web3 era, the boundaries between professionals and consumers blur, placing everyone in a world of unrestricted profit distribution as "prosumers."



3-2 | DART's Vault

The DART's ecosystem's maintenance and profit distribution require a constant source of funds, achieved through DART's Vault, a smart contract mechanism. DART's contributes the majority of the initial capital for DART's Vault, ensuring initial liquidity.

A certain percentage of revenues from DART's Marketplace and DART's NFT Authoring, as commission income, is supplied as capital through DART's Vault.



※DART's Vault Image



04.

TOKENOMICS - DAR

4-1 | Token Overview

Token Name	DAR Token
Issuer	DART's Corporation
Ticker	DAR
Token Standard	ERC20 (Cross-chain to DART's Chain)
Total Final Issuance	60,000,000,000 Tokens
Initial Issuance	30,000,000,000 Tokens
Decimal Places	18

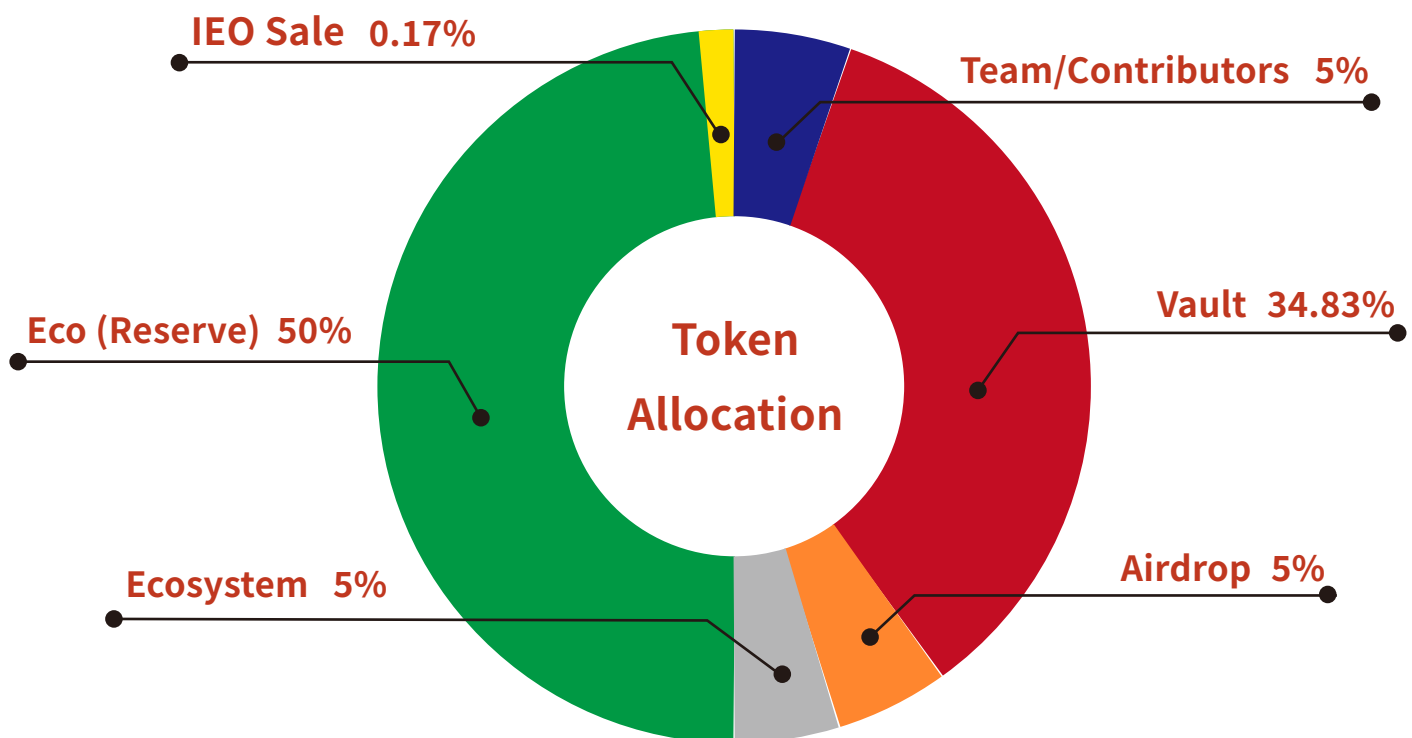


4-2 | Token Allocation

	Number	Percentage %	Lock & Vesting
IEO Sale	100,000,000	0.17	None
Team/Contributors	3,000,000,000	5	Vesting 6 months※ ¹
Vault	20,900,000,000	34.83	None
Airdrop	3,000,000,000	5	※ ²
Ecosystem	3,000,000,000	5	None
Eco (Reserve)	30,000,000,000	50	Locked for 12 months

※¹ Team vesting schedule: 10%, 10%, 15%, 15%, 25%, 25%

※² Airdrop: 60,000 tokens per hour x 50,000 hours (about 5 years and 8.5 months)



05.

ROADMAP

5-1 | Roadmap Overview

2022	Q3	Operation of DART's Chain Core System (Completed)
2023	Q1	Technical presentation at Japan Blockchain EXPO (Completed)
2023	Q2	Launch of DART's Wallet Service (Completed, updates ongoing)
2023	Q3	Renewal and opening of permanent NFT booth at Shibuya MODI (Completed)
2023	Q4	Technical and case presentation at Japan Blockchain EXPO (Completed)
2024	Q1	Implementation of IEO
2024	Q2	Opening of DART's Marketplace
2024	Q3	Start of DART's NFT Authoring Service
2024	Q3	Commercial operation of DART's Chain
2024	Q3	Start of DART's Vault operation

5-2 | Future R&D

- Development of quantum computer-resistant encryption technologies
- Establishment of NFT Stocks Market (NFT securities market)
- Expansion of Nude Parameters® in NFT Games



06.

COMPANY OVERVIEW & TEAM

6-1 | Company Overview

Company Name	DART's Corporation
Address	2nd Floor, Maruhashi Building, 1-25-2 Higashi, Shibuya-ku, Tokyo
Established	October 2021
Business Activities	<ol style="list-style-type: none">1. Construction of a digital rights management system using distributed ledger technology2. Development of digital content sales, settlement, and revenue distribution systems3. Construction of digital content distribution and viewing systems4. Development of rights management systems for licensed products5. Construction of tracking management systems for the distribution of licensed products6. All related businesses accompanying the above
Capital	60 million yen (+ 60 million yen reserve funds)
Legal Advisor	Harada International Law Office
Patent Advisor	IPX Patent Firm



Wallet / NFT / ID / Chain / Market / Vault

6-2 | Team

CEO

Yasunori Sugii



● Publications:

The Most Approachable Guide to Blockchain

The Impact of Blockchain (Chapter 4)

Introduction to Blockchain & Bitcoin (Contributor)

Japanese Salary and Jobs Encyclopedia

(Contributor: Blockchain Engineer)

Expanding the World of Creators: NFT Guide 2023



● Expert Committee Roles:

Cabinet Office: Michibiki Usage Verification Expert Committee Member

Ministry of Economy, Trade, and Industry:

- Blockchain Study Group Member
- System Evaluation Axis Development Committee Member
- Committee Member for Blockchain Technology in Content Business

Patent Office: Patent Application Technology Trends Survey (Blockchain-related)

Ministry of Agriculture, Forestry, and Fisheries: Food Traceability Platform Study Group Member

Bank of Japan: Fintech Forum

(Blockchain Implementation Challenges and Safety Measures in Finance, etc.)

The Japanese Bankers Association: Blockchain Study Group Member

● Industry Association and Board Roles:

Former Director, Blockchain Promotion Association (BCCC)

Former Director, Japan Blockchain Association (JBA)

Member, FinTech Association; Former Member, Blockchain Working Group

Member, Financial Information System Center (FISC); Former Member, Blockchain Working Group

Cryptoassets Governance TaskForce, Security Working Group

6-2 | Team

CFO

Takeshi Matsumura



Graduated from Tokyo Institute of Technology in 1985, completed master's program in 1987, and later earned a doctoral degree in engineering. Specialized in material engineering, pioneering in consulting bridging patents/products of listed companies with the market. Served as the director of a Junior Chamber and vice president of a UN-recognized organization. Has consulted over 100 companies and currently holds director positions in over 10 companies. Entered the IT field in 1998, accumulating experience in the FinTech sector. Since 2018, has successfully launched numerous startups in the blockchain platform sector. At DART's, he handles investor relations, general affairs, finance, and legal affairs

Director

Nobutoki Ito



Worked for a major general contractor, involved in environmental field operations. In 2016, leveraging environmental expertise, founded GLOBAL NETWORK JAPAN Corporation. Later established GNJ Hong Kong to list tokens for CO2 reduction and build a token economy. Currently establishing GNA India in Bangalore, India, preparing a wallet system in business collaboration with DART's for the Indian market, focusing on Exchange, remittance, and payment platforms. Leveraging Indian market connections, he is expanding the development and proliferation of NFT platforms and DART' s Wallet components from India to the world.

6-2 | Team

Fellow Takeshi Ishiguro



After graduating from Meijo University's Faculty of Science and Technology in 1990, he was responsible for designing automobile part production lines at MHI Sagamihara Factory. Then, he moved into digital design and DTP, founding a design production company for casino amusement machines. During the same period, fascinated by New World wines and organic food culture, he imported organic ingredients and wines from Australia and New Zealand, operating NewWorldWine specialty stores in Shibuya and Ebisu. During the cryptocurrency boom in 2017, he researched blockchain and IoT, leading him to manage agriculture-related projects due to their future potential. He is currently engaged in collaboration with blockchain development companies, focusing on marketing and business development. At DART's, he is responsible for market development and business development based on partnerships in the Indian market.

Tech Lead Kai Adachi



Kai Adachi's journey began in his student years, where he ventured into independence, focusing on web system and SaaS development. Post-graduation, he honed his skills at Yahoo Corporation, contributing to the development of internal systems. His career path then led him to Accenture Corporation, where he played a pivotal role in the system renewal for government agencies. His vast experience expanded further as he assumed the roles of Architect Lead and engaged in various engineering positions across numerous web companies, significantly bolstering the technological landscape. In his current endeavor, he delves into blockchain development, emphasizing smart contracts. At DART's, as a Tech Lead, Kai Adachi innovatively designs and manages KPIs for development operations, effectively melding marketing with development to drive forward the company's ambitious projects.