Leveraging the strengths of the CAICA DIGITAL Group, CICC will provide multi-chain support for Japan's GameFi
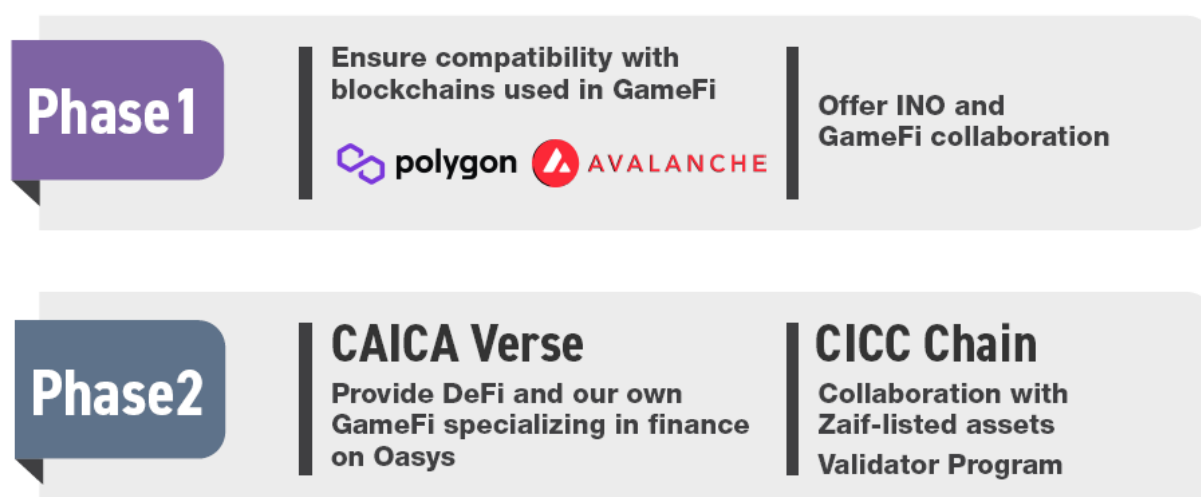
The CICC project's goal

Leverage CAICA's expertise to provide multi-chain support for Japan's GameFi

We will leverage Zaif's achievements to develop a GameFi ecosystem, and actively work towards creating an environment in which operators can confidently engage in the GameFi field. Additionally, we aim to establish CAICA COIN (CICC) as a crypto asset that serves as a hub in Japan's GameFi ecosystem.

To achieve this, we are advancing multi-chain compatibility, including the development of our own blockchain, and are introducing CICC across all chains used in Japan's GameFi. This will facilitate each GameFi project's ability to collaborate with CICC and Zaif, a well-established crypto asset exchange. By doing so, we strive to create a comprehensive system that enables seamless integration and cooperation.

Outline of each phase

First, during Phase 1, the CICC GameFi Hub Token Project will be implemented. In this project, we will actively seek to make CICC compatible with the Polygon blockchain (hereinafter, "Polygon") and promote the use of CICC. Polygon is well-known as a blockchain with low fees and fast processing speeds. Thanks also to its large user base and track record of use in the GameFi field, it is regarded as an ideal blockchain for the GameFi field. Notably, because Polygon has a large international user base, Polygon is thought to be highly complementary to the GameFi field, which is also expected to be developed outside Japan.

CICC will be issued not only on Ethereum, but also on Polygon. Having done so, we will enable users to select CICC on Polygon as a deposit or withdrawal option on Zaif, with the goal of bolstering utility by enhancing Polygon's decentralized exchange (DEX) liquidity. In addition, we will take steps to encourage CICC use in the GameFi field by allowing users to purchase NFTs for major GameFi titles on Polygon as early as possible via Zaif INO[*1] (Initial NFT Offering: an initial sale of NFTs in GameFi). Moreover, we will consider releasing GameFi using CICC in the future. Furthermore, we will respond at an early stage to blockchains that have the potential to become key options in the domestic Web3 industry, such as Avalanche. By doing so, we will explore collaboration with a variety of Web3 applications in Japan.

Next, in Phase 2, we will establish our own blockchain network. We have two options for building

our own network:
(1) Establishing the CICC Chain, which is our own blockchain employing cutting-edge technology known as Optimistic Rollup
(2) Establishing the CAICA Verse on Oasys (Layer 2 network on Oasys)

On the CICC Chain we will create a massive ecosystem centered on Zaif and CICC that employs cutting-edge technology known as Optimistic Rollup, with the aim of providing a chain on which users and companies participating in Web3 can confidently carry out their activities.

Collaboration between the CICC Chain and Zaif will enable us to provide utility to Zaif-listed assets. Staking is one specific example of this utility. The use of the CICC Chain will allow us to provide staking and other forms of utility to Zaif-listed assets. By providing utility to listed assets on the CICC Chain, we aim to foster a long-term token market that uses CICC as an incentive. In addition, users' token ownership and activities can also be encouraged through incentives such as rewards and benefits.

Moreover, we plan to create ecosystems such as DeFi and NFT platforms on the CICC Chain by using the CICC GameFi Support Program and Validator Program. We also plan to establish a GameFi ecosystem by attracting companies such as game companies and intellectual property owners in Japan.

We seek to establish the CICC Chain as a GameFi-dedicated chain that can be used with greater confidence and ease, with the goal of creating an ecosystem that engages both game companies and contract developers.

Oasys is one of the most promising blockchains for GameFi development in Japan, due in part to the participation of leading Japanese game companies as validators. By launching our own CAICA Verse on Oasys, we will contribute to enriching the Oasys gaming experience by integrating the Oasys ecosystem with our own ecosystem.

Two specific examples of our activities are the use of INOs and the establishment of secure DeFi and GameFi ecosystems.

In the CAICA Verse, we will provide INO services with significant benefits to users. Notably, users who own CICC will be able to purchase a range of game NFTs early on through INOs, as well as purchase NFTs at significantly reduced cost using coupons obtained through CICC ownership. Furthermore, the Oasys Verse is currently facing the issue of DeFi not being fully developed because of exchange regulations.

In the CAICA Verse, we will be able to make functions comparable to those of a decentralized exchange (DEX) available even in a Verse environment through Zaif's active cooperation. Therefore, we believe that we can strengthen the Oasys ecosystem overall. In the future, we aim to provide an entirely new GameFi with a strong financial element using CICC.

* 1: ZAIF INO is an Initial NFT Offering service operated by CAICA Financial Holdings Inc.

Phase 1: GameFi hub token project

We will make CICC compatible with Polygon, which is currently utilized in various forms of GameFi in Japan and overseas, with a view to creating an environment where operators can confidently engage in GameFi.

In addition, CICC will be utilized in the rollout of a variety of services that leverage Polygon's rapid processing speeds and low fees, such as staking, and in the GameFi field.

Furthermore, we will actively assist GameFi in Japan by rapidly ensuring compatibility with multiple chains that will be used for major future GameFi in Japan such as Avalanche.

Polygon network used in the Gamefi field

The Polygon blockchain offers not only rapid processing speeds and low fees, but also has a vast user base. At the time this Lite Paper was published, the Polygon blockchain had over 300 million unique addresses, surpassing Ethereum's 230 million addresses. In addition, Polygon processes millions of transactions daily (source: Polygonscan), which establishes it as a blockchain with a proven operational track record.

Another notable aspect of Polygon is that well-known companies outside the Web3 industry, such as Starbucks, Meta, and Adidas, have entered the space by issuing NFTs on Polygon. In terms of ecosystem, Uniswap, one of the largest decentralized exchanges, and Opensea, one of the largest NFT marketplaces, have both launched services on Polygon. For these reasons, Polygon can be characterized as a blockchain with well-developed infrastructure.

Polygon has also been employed in Japan in the game and entertainment sectors, taking advantage of its rapid processing speeds and low fees. Matic token, which is used to pay Polygon fees, is available on crypto asset exchanges such as Zaif. Japan has an environment that facilitates and encourages the use of Polygon.
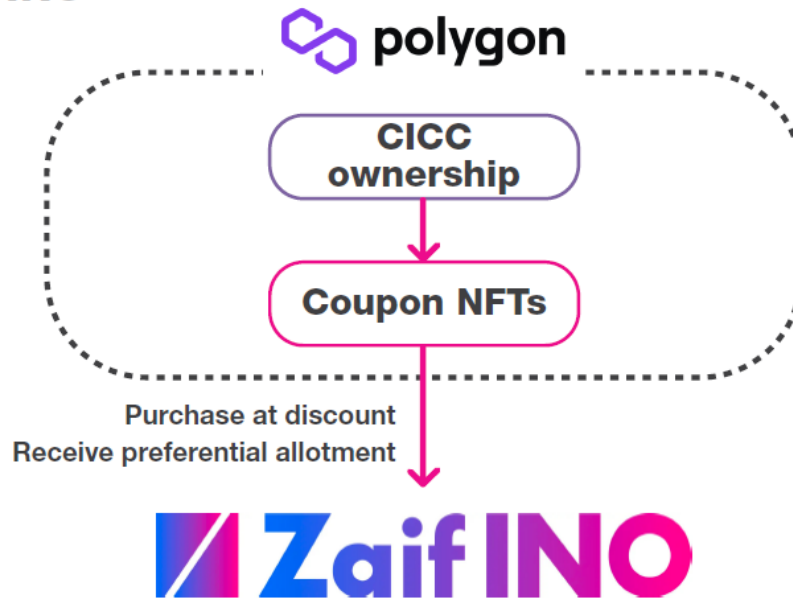
By rolling out CICC not only on Ethereum but also on the Polygon network, we will expand services that leverage Polygon's strengths, while also launching initiatives to support Japan's GameFi and entertainment sectors.

Phase 1.1: Develop and provide services that leverage Polygon's strengths

GameFi INO services on Polygon

Polygon INO

CAICA Financial Holdings Inc. of the CAICA DIGITAL Group boasts the handling of one of Japan's highest volumes of INOs.

With the CICC ecosystem, we plan to develop and provide GameFi-related INO services on Polygon. These services will enable CICC holders to purchase various game NFTs early on through INOs and purchase them at significant discounts using coupon NFTs that can be obtained by holding CICC.

Phase 1.2: Enhance GameFi-linked functions

GameFi-linked measures on each chain

	NFT "gacha machine" using CICC	CICC reward program	CICC Buyback
Over-view	Users can try NFT "gacha machines" with CICC	Grant CICC to NFT purchasers as a bonus	Buy back with a portion of revenue
Effect	Stimulate demand for CICC Diversify payment methods	Stimulate demand for NFTs	Support the price

The CICC GameFi Token Hub Project aims to utilize CICC to evolve into a base currency for games, where it will be used more widely, by collaborating with various forms of GameFi. At the same time, by making CICC's utility easily accessible to various games, the project seeks to popularize CICC in a way that benefits game companies and users as well.

Specifically, the project is looking at initiatives such as providing services that have functions that attract users of each GameFi title, such as NFT "NFT Gacha system" and CICC reward programs, and buying back CICC with a portion of the revenue generated from such GameFi titles.

NFT "gacha machines" using CICC

The Zaif NFT Marketplace[*2] is equipped with gacha features that randomly award prizes such as NFTs, which are used as characters in GameFi and other titles.
This feature is ideal for GameFi developers who want to randomly assign game characters. We plan to enable the use of CICC as a form of payment for the NFT "gacha machines" on the NFT Marketplace. We are also exploring the possibility of adding a feature that offers rebates on fees for using CICC. These measures will allow users to participate in the "NFT Gacha system" more cost-effectively.

CICC reward programs when purchasing NFTs

Besides the NFT "NFT Gacha system," we are also planning to implement a program in which a small amount of CICC will be awarded to users when they purchase an NFT on Zaif NFT Marketplace.
If this feature is implemented, GameFi operators will benefit from the ability to approach various users more easily, centered on Zaif users, allowing them to attract a wider range of customers.

Buybacks based on game revenue

As GameFi evolves on Zaif and in the CICC ecosystem, profits will be generated through sales and other revenue from Zaif and Zaif NFT Marketplace. We are considering implementing a program to buy back CICC in the market with the sales linked to each GameFi project.

These buybacks will allow us to partially absorb the effect of releasing CICC into the market through the CICC Distribution Program, while facilitating our goal of improving CICC's value further.

* 2: Zaif NFT Marketplace is an NFT marketplace operated by FISCO Decentralized Application Platform Ltd.

Phase 2: Development of our own blockchain network

By establishing and developing our own blockchain network, we will create an environment where Japanese operators can confidently engage in the GameFi field.

Having done so, we will form multifaceted partnerships with developers and domestic game companies who are considering rolling out blockchain services, with the goal of creating an expansive ecosystem.
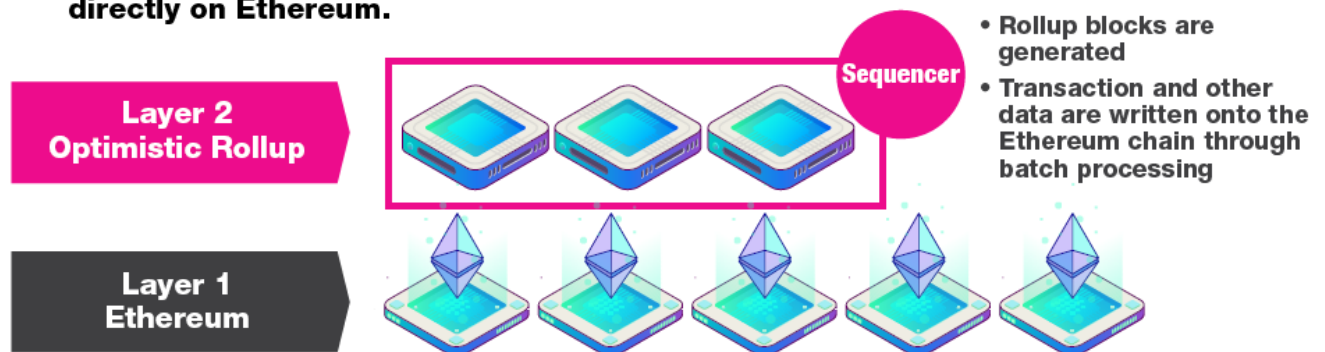
CICC Chain

Overview of the CICC Chain

CICC Chain is our own blockchain. It leverages cutting-edge technology known as Optimistic Rollup to scale up Ethereum's processing capability. The massive amount of data on the CICC Chain is written onto Ethereum in a compressed format using Optimistic Rollup technology.

As a result, the security of the massive and highly stable Ethereum chain can be carried over to the reliability of data on the CICC Chain. Even with this reliability, Optimistic Rollup technology is capable of minimizing fees and delivering rapid data processing speeds. Therefore, the CICC Chain provides an even greater degree of convenience than Ethereum.

The CICC Chain has a built-in GameFi Support Program and CICC Validator Program. For this reason, we aim to form partnerships with major GameFi developers, with the aim of driving the growth of high-quality GameFi and a blockchain ecosystem.

Collaboration with Ethereum

Collaboration with the Ethereum mainnet: CICC Chain utilizes an Ethereum Layer 2 technology known as Optimistic Rollup. Optimistic Rollup guarantees the accuracy of the CICC Chain's on-chain data processing and the availability of the data underlying such processing via smart contracts on the Ethereum chain. As a result, while guaranteeing the same level of security as Ethereum, users can benefit from rapid processing speeds and lower fees than Ethereum via the CICC Chain nodes. (Source: https://ethereum.org/en/developers/docs/scaling/optimistic-rollups/) Furthermore, through Ethereum smart contracts, data can be bridged with Ethereum assets smoothly and with the same level of security as Optimistic Rollup technology. Ethereum is the world's largest decentralized finance market. The CICC Chain has a significant advantage in terms of its ability to integrate seamlessly with this market.

Collaboration with Zaif-related services

Through collaboration centered on CAICA DIGITAL, which is leading the CICC Chain project, we aim to provide services in partnership with Zaif and related services. One specific example of such collaboration is staking. Staking is an arrangement in which users contribute to network security and operation by holding crypto assets and receive staking rewards in return. The main issuers of Zaif-listed assets will be able to provide utility such as staking through the CICC Chain.

Through this function of providing utility to external projects linked to Zaif-related services, we aim to foster a long-term token market with CICC serving as an incentive. It is expected that the provision of utility will raise investor and user interest in project tokens, resulting in improved demand and liquidity for these assets. In addition, incentives such as staking rewards and benefits can be used to encourage token ownership and activity among users.

Enhance our own services

Enhance applications: We plan to develop and provide a variety of applications that operate on the CICC Chain. Specifically, we are considering applications such as decentralized finance (DeFi) protocols, non-fungible token (NFT) marketplaces, and decentralized applications (DApps).

Development of active markets involving existing assets: For services on the CICC Chain, we aim to develop active markets by, for example, developing applications on the CICC Chain in collaboration with existing assets and tokens. Through these efforts, we will promote transactions centered on CICC, with the goal of increasing market liquidity and the activity of participants. We aim to improve market diversity by expanding interoperability and transaction possibilities among various tokens.
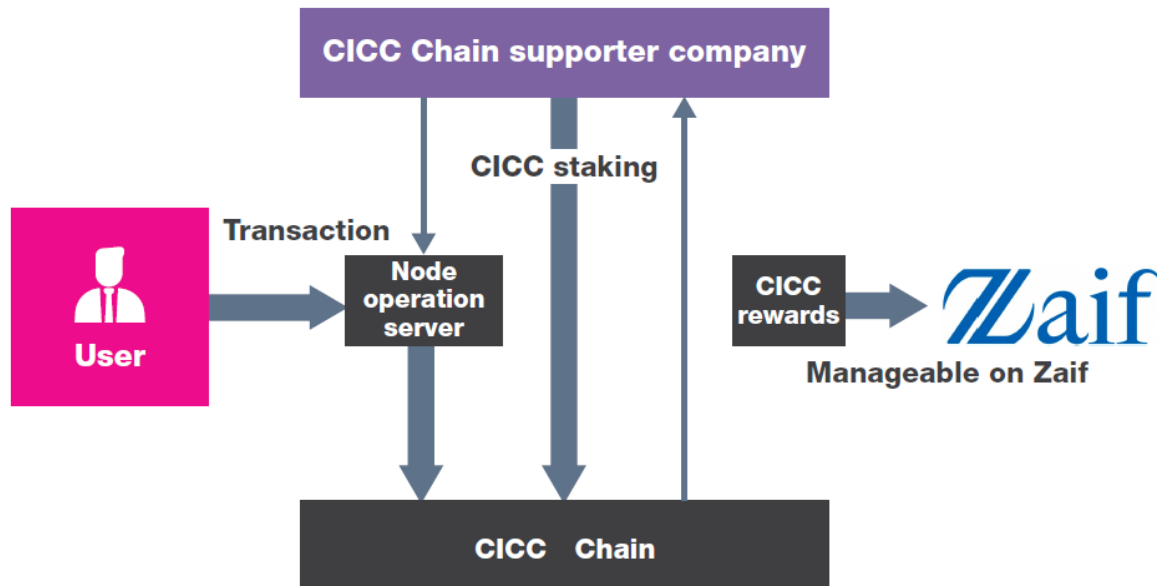
GameFi Support Program

We plan to offer a subsidy program using CICC to developers who develop promising GameFi and other applications on the CICC Chain.

This program will significantly aid developers who have many GameFi plans and good ideas but find it difficult to raise capital, and it will be a crucial step toward expanding the ecosystem further.

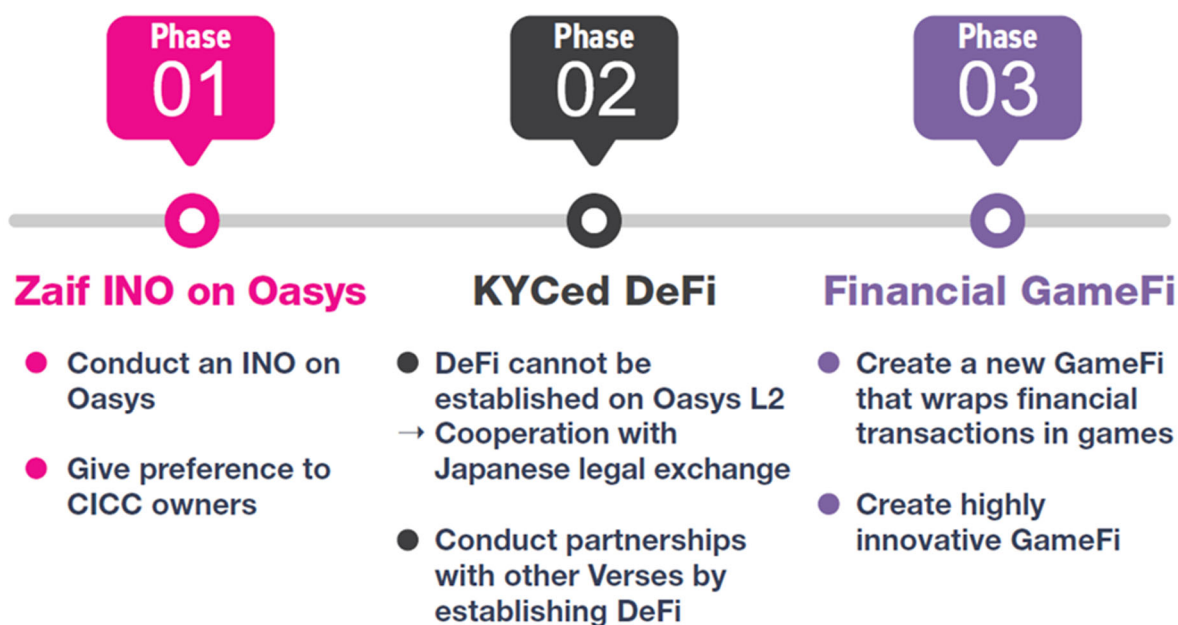**CICC Validator Program in collaboration with Zaif**

Companies that play a pivotal role in improving the CICC Chain's value, such as game development companies, will participate in the CICC Chain Validator Program as CICC Chain supporters. We will implement the Validator Program as a joint effort to improve the CICC Chain's value and strengthen its stability as a blockchain, as we build close relationships with various companies entering Web3 in Japan.

In the Validator Program, validators will stake a certain amount of CICC on the CICC Chain, and then set up nodes to process CICC Chain transactions. This will allow them to earn CICC rewards based on the volume of transactions they process.

Collaborating with Zaif as part of the Validator Program will enable validators to manage assets through a Zaif account. This setup will provide a more transparent view of the wallet management structure and accounting issues, which have tended to be problematic, thereby making it much easier for participants to get involved.

CICC Verse

CICC Verse roadmap

Phase 01

Zaif INO on Oasys

- Conduct an INO on Oasys
- Give preference to CICC owners

Phase 02

KYCed DeFi

- DeFi cannot be established on Oasys L2
→ Cooperation with Japanese legal exchange
- Conduct partnerships with other Verses by establishing DeFi

Phase 03

Financial GameFi

- Create a new GameFi that wraps financial transactions in games
- Create highly innovative GameFi

CICC will partner with Oasys, a blockchain originating in Japan that specializes in games, with plans to launch the CAICA Verse, our own L2 network on Oasys.

In the CAICA Verse, we aim to significantly accelerate the expansion of Japan's GameFi by building various utilities that can only be provided by Zaif and CAICA on top of this platform.

Features

The CAICA Verse can be expected to provide various utilities that can only be provided by Zaif and CAICA.

1. INO in the CAICA Verse: By strengthening collaboration with Zaif services, the CAICA Verse will be able to create a more integrated ecosystem. INO, in particular, plays a critical role in Oasys, a blockchain specializing in games. The CAICA DIGITAL Group boasts a leading track record in INOs in Japan through Zaif INO.
    The CAICA Verse will allow users to purchase various game NFTs early on through INOs by holding CICC. Our plan also includes offering users the opportunity to purchase game NFTs at significant discounts using coupon NFTs that can be obtained by holding CICC.

2. Safe and secure DeFi compliant with regulations: The CAICA Verse aims to become capable of providing functions comparable to decentralized finance (DeFi) via CAICA DIGITAL, the CAICA Verse's core operating body. This will enable customers to make use of highly reliable on-chain transaction services. One major issue with Oasys L2 (Verse) is that it cannot provide DeFi to users because of its consortium chain format. By solving this issue, we believe we will be able to dramatically advance Japan's GameFi sector.

With these characteristics, the CICC blockchain will accelerate the development and growth of the CICC ecosystem by collaborating with Zaif and providing innovative services in the DeFi and GameFi fields, among other initiatives.

CICC plans to use Oasys Verse to create its own blockchain, which is scheduled to be equipped with the following functions in the future.

Phase 1: INO (Initial NFT Offering)

We will conduct initial sales of NFTs carried both within and outside Oasys. Through these efforts, we aim to encourage the creation and distribution of new digital assets. Functions will be implemented that will allow CICC holders to receive rewards, with utilities such as benefits and discounts awarded to those who hold CICC.

Phase 2: KYCed DeFi (Know Your Customer Enhanced DeFi)

We will contribute to the Oasys ecosystem by providing crypto asset transaction services in the Oasys Layer 2 through the CAICA Verse. These transaction services will feature a usability comparable to that of a decentralized exchange (DEX). We aim to provide a system that will allow users to connect transaction services with other applications and contracts in the CAICA Verse.

This will not only allow users to trade and engage in a wide range of tokens, but through connection with this function, the Oasys ecosystem can also be expected to see increased activity.

Leveraging CAICA DIGITAL's strengths, we will achieve DEX-like transaction services that were previously unattainable in Oasys Layer 2.

Phase 3: Games featuring financial entertainment at the forefront

We are exploring the development and distribution of games that feature financial entertainment and challenges. Our goal is to encourage economic activity and token utilization in the games, and to allow players to receive financial incentives and earn rewards.

By implementing these functions, the CICC blockchain will broaden the Oasys ecosystem with the goals of providing innovative services and experiences to the NFT, DeFi and financial game fields.