

# Territe Token(NKT) & Asterite Token(NKA) White Paper

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# 1 - Overview

## 1.1. Overview

Ni no Kuni: Cross Worlds is an expansion of the Ni no Kuni series that reimagines the fantasy world of the original games. Anime-style graphics rendered in Unreal Engine 4, heartfelt cutscenes, and original music tracks by longtime Studio Ghibli film composer Joe Hisaishi combine to immerse players in a gaming experience that feels like an interactive animated film.

Ni no Kuni: Cross Worlds employs a gameplay-based blockchain system, giving players who enjoy Ni no Kuni: Cross Worlds the opportunity to play to earn tokens through gameplay.

Players can acquire two types of tokens in the Ni no Kuni: Cross Worlds blockchain system, and our team will do our best to preserve the token values.

## 1.2. Goals

**A.** Our goal is to emphasize the game's intrinsic fun factor and create a token economy structure that benefits both players and token holders. The essential goal of the game's use of tokens is to avoid speculative pre-sales and NFT pre-releases and to ensure fun and sustainable profitability via a high-quality game and proven, well-designed token economy.

**B.** Ni no Kuni's global token economy consists of two token systems each reflecting a currency within the setting of Ni no Kuni and forming a free market economy.

**C.** One billion each of NKT and NKA tokens will be issued. Differentiated value will be established by clearly distinguishing their sources, scope of payment, and [Exchange Sector].

## 2 - Tokens

### 2.1. Territe Token (NKT)

Territe Token (NKT) is a utility token existing on the MARBLEX platform.

Users can exchange in-game currency from Netmarble Neo's Ni no Kuni: Cross Worlds for Territe tokens and freely distribute them outside the game (store, exchange, sell, purchase).

#### How to Get Territe

Territe can be earned by playing the game. Users can exchange Territe for Territe Tokens (NKT).

Earn it from Dailies, Familiar Adventure, or hunting monsters in Chaos Fields.

- **Chaos Fields**

Earn Territe by hunting monsters in Chaos Fields!

You can earn more Territe by hunting monsters in higher-level Chaos Fields.

The 'Territe Energy' available inside the Chaos Field. This accumulates every day, up to a week's worth. There is a very high chance of obtaining Territe until your accumulated Territe Energy is fully exhausted.

The maximum amount of Territe Energy accumulated daily increases according to your Class Grade, which increases according to your character level.

- **Dailies**

Territe can be also earned by completing simple in-game missions. Dailies reset every day.

- **Familiar Adventure**

Set off on a Familiar Adventure with familiars and occupy the Territe Gathering Sites! Occupy the Territe Gathering Sites to earn more Territe!

## 2.2. Asterite Token (NKA)

Asterite Token (NKA) is a utility token existing on the MARBLEX platform. Users can exchange Asterite for Asterite Tokens (NKA).

Users can exchange in-game currency from Netmarble Neo's Ni no Kuni: Cross Worlds for Asterite tokens and freely distribute them outside the game (store, exchange, sell, purchase).

### How to Get Asterite

Asterite can be earned from competitive content in-game, and users can exchange Asterite for Asterite Tokens (NKA).

- **Lava Valley**

The Lava Valley team arena is a 3 vs 3 competitive battle mode where your team must defeat all opponents to win.

Participants can earn Asterite from the weekly and season rewards.

Participants must be ranked in the top 10% to earn Asterite rewards.

- **Familiar Arena**

The Familiar Arena is a competitive battle mode where your team of 5 familiars can compete against teams of other players' familiars.

Participants can earn Asterite from the weekly and season rewards.

Participants must be ranked in the top 10% to earn Asterite rewards.

- **Temple Team Arena**

Temple Team Arena is a 5 vs 5 competitive battle mode where players fight against other players and monsters to win according to set game rules.

Participants can earn Asterite from the weekly and season rewards.

Participants must be ranked in the top 10% to earn Asterite rewards.

## 2.3. Token Exchange Formula

### < Exchange Factor Formula >

$$1NKT = AVR \left( \sum_{n=k-14}^{k-1} \frac{Max(n-1)}{T(n-1)} \right)$$

$$1NKA = AVR \left( \sum_{n=k-14}^{k-1} \frac{Max(n-1)}{T(n-1)} \right)$$

The exchange rate can't be derived if there aren't at least 3 values for  $\frac{Max(n)}{T(n)}$  (3 days after opening)

**k** = The number of days since the start of game service, based on the formula calculation date.

(Ex: If game service started on 5/25/22 and the date of calculation is 7/31/22, then **k** = 67).

**Max(n)** = Daily maximum Territe production quantity based on DAU and character production on day n since the start of game service.

$$T(n) = \frac{G(n)}{W}$$

**T(n)** = Maximum token quantity that can be exchanged on day n since the start of game service.

$$G(n) = 300,800 + (300,800 * n - M(n)) * K$$

**M(n)** = Amount of Territe => Territe Tokens exchanged by the user up to day n since the start of game service.

**W** = Game's distribution control variable. A real number at least 1

**K** = Ratio of potential tokens remaining following all exchanges the previous day to additional potential tokens available on the current day (ex. 0.01)

The exchange formula above calculates the exchange factor value, and the 14-day average exchange factor value determines the day's Exchange Rate.

If the number of exchange factors is less than 3, the Exchange Rate can't be determined.

## 2.3. Token Exchange

### A. Issue & Use Plans

1,000,000,000 tokens will be issued initially. Additional tokens may be injected into the coin economy as necessary to expand it.

Category	Issued Tokens (Quantity)	Weight (%)
Distribution Via Game Currency and Exchanges	670,000,000	67%
Marketing	200,000,000	20%
Operation	100,000,000	10%
MBX Deposit	30,000,000	3%
Total Quantity	1,000,000,000	100%

### B. Exchange For Territe & Asterite

Territe Tokens (NKT) and Asterite Tokens (NKA) can be exchanged for their respective Territe and Asterite currencies in-game at any time.

The amount of Territe or Asterite redeemable per token is determined by the token exchange rate at the time of exchange.

	<b>Territe</b>	<b>Asterite</b>
Acquisition Limit	Always obtainable No mining limit (Drop rate decreases significantly once Territe Energy is depleted)	Acquired through Weekly & Season Rewards
Distribution Range	Anyone can obtain	Can be obtained from competitive content Only available to top 10%

*Asterite has a very limited distribution amount and range compared to Territe. As a result, it can maintain a higher value than Territe.*

## **C. Exchange**

In-game currency for tokens (Territe & Asterite) can be obtained by playing the game and exchanged for their respective tokens (Territe Tokens & Asterite Tokens).

The Exchange Rate for NKT and NKA is based on the actual DAU.

The previous day's DAU is taken into account in the exchange formula and it is used to calculate the daily exchange factor value.

Once the exchange factor value accumulates for at least 3 days, the actual exchange rate is displayed as the average value of 14 days.

## **D. Exchange Fees**

In-game currency can be exchanged with NKT and NKA based on the daily exchange rate. Special fee currency may be consumed as part of this process.

A set percentage of the Token's market price is used to calculate the Exchange Fee.

## **E. Exchange Limit**

The amount of tokens that can be exchanged per day may be limited per account.



## **3 - Token Characteristics**

### **3.1. Acquisition Proportional to Character Value**

We will never betray players who enjoy the game. Territe Tokens (NKT) are designed for users who actively engage with the game. Users who grow their characters and do other activities will have greater chances to earn than users who are simply mining.

Asterite Tokens (NKA) are designed for users who actively engage with competitive content in the game. Users who have high ranks in competitive content will have greater chances to earn.

### **3.2. Stable Return Generation**

Users can generate a return with NKT gained from Territe mining right from the game's launch. However, NKT may lose some of its starting value as more users play.

Players who have strengthened their characters through consistent play will be able to earn Asterite, which can be converted into high-value NKA to generate greater revenue.

In the long run, players who consistently play Ni no Kuni: Cross Worlds are guaranteed stable returns.

### **3.3. Reasonable Value**

A reasonable value is set by designing a token exchange rate formula that takes into consideration the total production amount and service days.

### **3.4. Value Conservation**

The value of Territe Tokens (NKT) will be preserved throughout the life of the game by increasing the ways Territe is used for character progression.

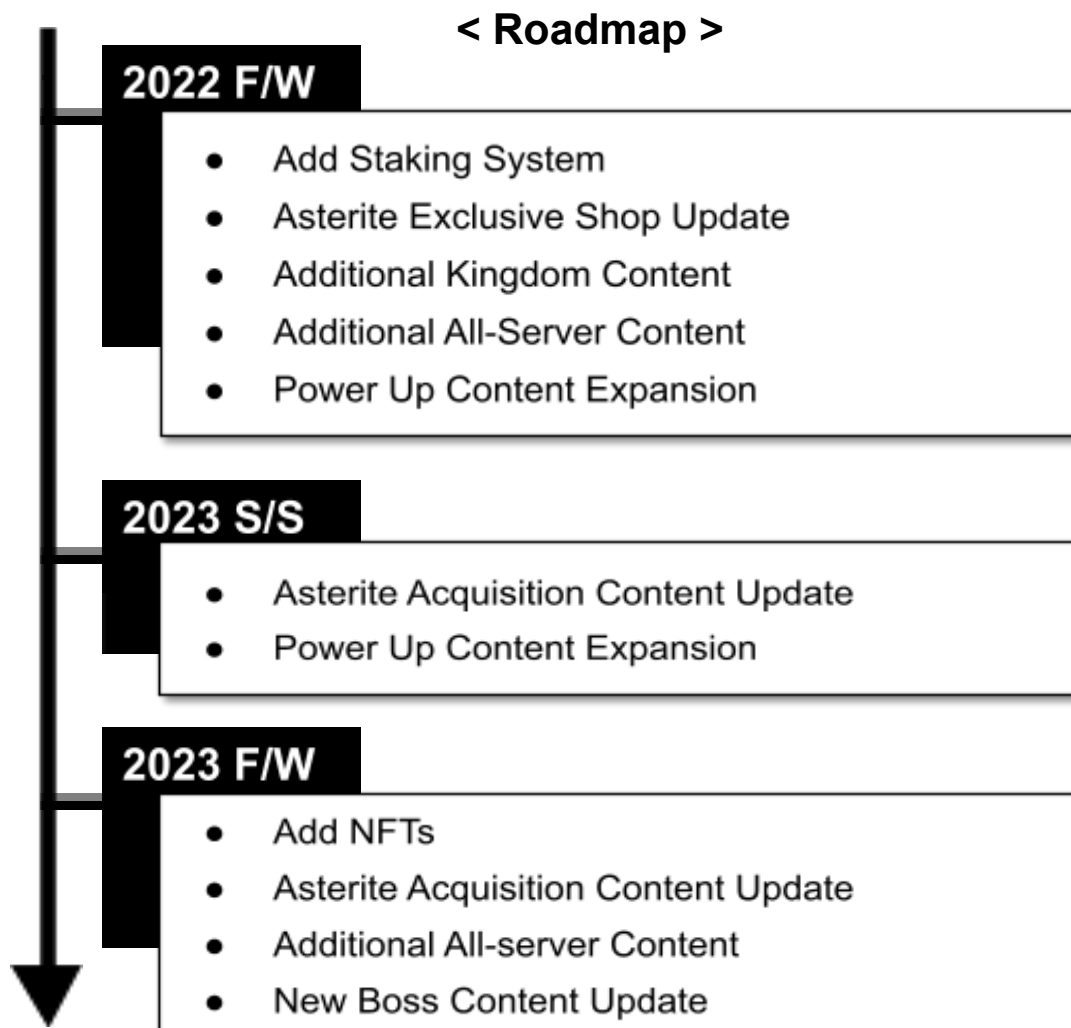
The value of Asterite Tokens (NKA) will be preserved throughout the life of the game by increasing the ways Asterite is used.

The formula is advantageous for preserving the token's value because it's designed to better the exchange rate over time while other factors remain constant.

### 3.5. Reliable Investment Asset

Each token will be used only for distribution via game currency and exchanges, marketing, operation, and Ecosystem Fees. Netmarble Neo does not sell tokens directly to anyone.

## 4 - Vision



## 5 - Guide

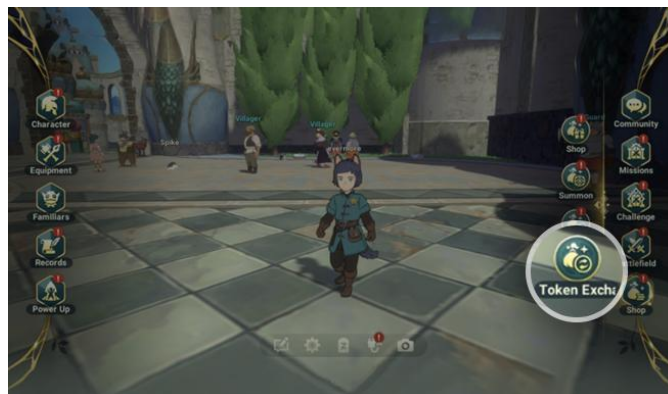
Territe and Asterite, which are Ni no Kuni in-game resources, can be exchanged for NKT and NKA respectively and then stored or traded outside the game.

Each token can also be exchanged back into Territe or Asterite to be used in game.

You can exchange Territe and Asterite for tokens or exchange tokens for Territe and Asterite via the Token Exchange in the game's Shop menu.

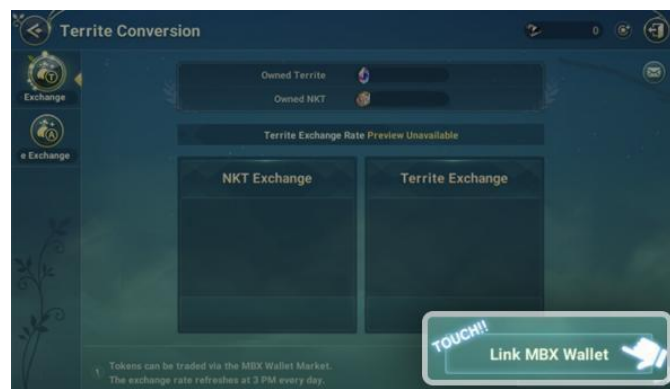
### Step 1: Accessing the 'Token Exchange' Menu

Tap the top right of the Main Menu → Shop → Token Exchange to access the Token Exchange menu.



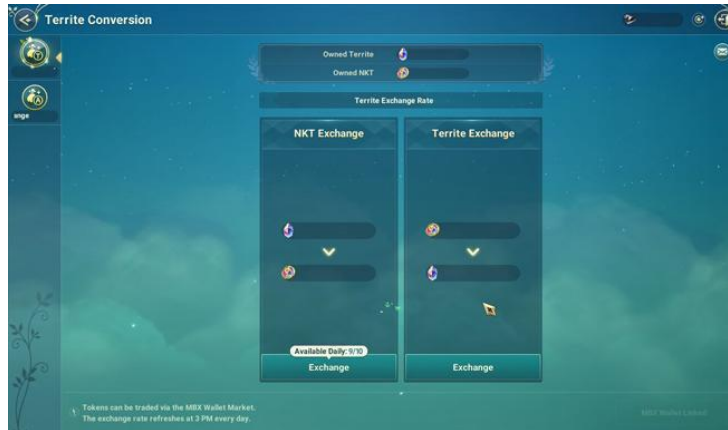
### Step 2: Linking to MARBLEX Wallet Account

To exchange in-game currency for tokens via the token exchange, a MARBLEX Wallet ID must be linked to the game account. Please log in if prompted by the MARBLEX Wallet ID login screen and check for exchanged tokens in your wallet.



### Step 3: Exchange

In-game currency for tokens (Territe & Asterite) can be obtained by playing the game and exchanged for their respective tokens (Territe Tokens & Asterite Tokens).



## 5.1. Exchanging Territe or Asterite for Tokens

- Territe and Asterite can be exchanged for tokens.
- A fee may be required to exchange.
- The exchanged NKT and NKA will be saved to the MARBLEX Wallet linked with the game account.
- Up to 10 tokens can be exchanged per day.

## 5.2. Exchanging Tokens for Territe or Asterite

- When exchanging tokens for Territe or Asterite, you'll receive Territe or Asterite according to the [Daily Exchange Rate].
- To exchange tokens for Territe or Asterite, the total amount of Territe or Asterite held after the exchange must be below the maximum limit.
- Token exchange results will be immediately reflected in your character's owned currency.