

# **ALLBET WHITE PAPER**



# **Table of Contents**

I Introduction to the ALLBET Platform 2

1.1 Platform Introduction 2
1.2 1.2 Platform Vision 3
1.3 Introduction to Platform Smart Contract 3
1.4 Introduction to Platform Ecology 4
1.4.1 Fair and Reliable Blockchain Game Platform 4
1.4.2 High Performance and Extensible DAPP Game System 5
1.4.3 Profit Sharing Platform and Token Economic System of Games 6
1.4.4 Multi-shared Partner Ecology and Community Construction Governance 6
II Introduction to the ALLBET Platform Coins 7
2.1 Introduction to the Platform Coins 7
2.2 AT Coin Introduction 8
2.3 Exchange and Price Mechanism of AT Coin 9
2.3.1 Exchange Mechanism of AT Coin 9
2.3.2 Price Mechanism of AT Coin 9
2.3.3 Issuance Mechanism of AT Coin 11
2.4 AB Coin Introduction 11
2.5 Profit of the Platform Coins 11
III ALLBET Game Introduction 12
3.1 Game Rules of Bancor 13
3.2 Game Rules of Dice 13
3.3 Dice Game is Mining 13
3.4 Airdrop Rewards 14
3.5 Invitation Rewards 14
3.6 Account System 14
IV How To Play Games 15

#### I Introduction to the ALLBET Platform

#### 1.1 Platform Introduction

Based on blockchain, ALLBET is an ecological online entertainment platform for gambling and gaming. We offer the first "profit-sharing" game system that across the blockchain ecosystem on the market. The ALLBET platform is committed to solving the problems of transparency, fairness, security and convenience that are common in current gambling games by utilizing the mainstream public-chain network such as Ethereum and EOS and starting with the mainstream gambling games. The platform will launch a number of popular games in succession with multilingual versions in the world, including PC, H5, APP and so on.

ALLBET aims to create a "Game/Gambling as a Service (GaaS)" innovative DApp game ecosystem with a decentralized, fair and verifiable cross-platform. With the booming of decentralized application (DApp) and DApp game industry, the ALLBET team has possessed industry-leading technology and project experience. Besides, DApp and blockchain game applications have broad space for development in terms of number of users, transaction volume, number of transactions and user viscosity, ect. In the future, ALLBET will comply with laws and regulations around the world, provide the best experience of DApp games and entertainment services to users worldwide, and provide underlying technology and ecological sharing support to platform partners.

According to the research by Research and Markets, an internationally renowned market research institute, the global online gambling market reached US\$46.7 billion in 2018. It is expected to reach US\$89 billion in 2025, with a compound annual growth rate of 9.65%. On the other hand, a number of phenomenal applications such as EOSBET and BETDICE have emerged in the blockchain game market. Its peak transaction scale is comparable to that of many large-scale entertainment games and Macao small and medium-sized offline gaming venues. The related applications and market ecology are gradually forming. ALLBET will develop broadly in DApp and blockchain games.

The ALLBET platform remains committed to attracting more users outside the blockchain domain. At present, more than 100 countries and regions worldwide have legalized gaming industry. Their market size and the user base are very large, which provides a strong economic foundation and broad application prospects for the ALLBET platform.

#### 1.2 Platform Vision

ALLBET's vision is to build a fair, detrusted game ecosystem based on blockchain. We can provide a safe, reliable, fair and borderless virtual currency game platform with a relatively complete token economic system. We offer mainstream and innovative games, and all the games built on them will be more prominent in terms of rule transparency, algorithmic fairness, fewer loopholes, no backdoor deals, open results. Besides, these games have the advantages of friendly registration, low dealer advantage, high playability, reliable popularizing incentive system, etc. Our ALLBET Token (AT) and ALLBET Coin (AB) will allow holders to receive dividends from the platform game's profits or through participating directly in the game. The cross-platform will provide users with a game experience based on mainstream public links such as Ethereum and EOS. Users can participate in games through web or mobile devices anytime and anywhere.

At present, the common problems perplexing online games and their platforms are the lack of trust and fairness, difficulty in settlement of funds, complicated registration verification, complicated game forms, highly centralized platform system, lack of privacy protection, and high cost without profit sharing. All of the above problems have increased the participation or operating costs of users and project parties in both of the endorsement of trust and brand promotion. ALLBET will improve this, aiming to achieve a blockchain game platform with the following characteristics:

- Safe, reliable and detrusted
- Verifiable fairness, reasonable and transparency
- Moderate decentralization
- Convenient settlement of funds
- Convenient registration verification and privacy protection
- Simple and direct game participation experience
- Low game fees, promotion incentive system and platform profit sharing

## 1.3 Contract Introduction

ALLBET platform games will be built on the basis of Ethernet, EOS blockchain smart contract, and therefore has all the advantages and features of blockchain games. Considering the current DApp games and ecology is still growing, and the various code attacks emerge endlessly, the ALLBET platform will perform the greatest code auditing on contract security and build vulnerable prevention measures for the platform and all games.

The ALLBET team already has several mature product projects in the blockchain domain. It has technical strength and operational experience in blockchain games and DApp development. All games and related products on the ALLBET platform will be launched after multiple rounds of testing and safety penetration testing as well as in-depth testing. In the future, the ALLBET team will disclose contract-related information while ensuring the security of the platform and users' funds, taking into account users' safety as well as openness and transparency of the platform.

The ALLBET platform can also provide APIs and SDKs related to DApp game platforms for ecological partners. With the better market environment and business development, the ALLBET platform, together with third-party DApp application developers, will build a platform ecosystem, develop product applications, and share flow dividends and an economic system.

#### 1.4 Platform Ecological Construction

#### 1.4.1 Fair and Reliable Blockchain Game Platform

The blockchain can extraordinarily drive the entire game industry. In general, the blockchain basis of ALLBET game platform is of great significance for the evolution of traditional online gambling games.

The ALLBET game platform is built on blockchain and smart contracts and has the core features of openness, transparency, verifiable fairness, reliability and detrusted.

# • Openness, Transparency and Non-tampering

The blockchain-based game platform can guarantee the transparency and non-tampering of information such as game participants (wallet address or platform account), game rules, bets, and gambling results. Smart contracts based on ETH and EOS have revolutionized platform fraud, dealer fraud, etc., and solved the problem that game platforms and users are difficult to self-certify. Meanwhile, based on the open and transparent mainstream virtual currency network and the open chain record supervision, the ALLBET game platform can reshape the trust system of online gambling games to a certain extent, and maintain the good operation order of the game as well as the participant' contract spirit through technical regulation.

#### • Safe, Reliable and Detrusted

Through a smart contract, the ALLBET platform delivers game betting funds and bets with different complexities in various game scenarios. It also prevents the risk of default between the gambling participants or players and the dealer to ensure the fund flow and settlement of the involved parties are safety, efficient and smooth. Long-term and cross time bet delivery also can be done through smart contracts. Set by users or reaching the trigger condition by itself, the smart contract can perform automatic betting and transactions of platform coins, or give rewards and dividends to the platform users, and users can operate detrusted rely on the platform operation. Platform users can participate in the game through the wallet address or anonymous platform account, which can protect the privacy and information of the game participants. Since the game is built on the blockchain and the smart contract is a

perpetual execution script on the blockchain, the ALLBET game platform will avoid game disconnection due to downtime, censorship or third party intervention.

#### Verifiable Fairness

The significance of the blockchain-based game platform is that the system generates a random number through hash operation based on the SHA256 hash value of the server, user or third-party random seed. The result of the game's bets and its generating mechanism are irreversible and unpredictable in the current cryptography, so we can judge whether the user wins or not by comparing the similar result values and return the corresponding digital currency according to the odds. It has remarkable fairness. At the same time, the platform can provide users with a verification interface to ensure the verifiability and fairness of the random number algorithm, thus ensuring the platform's advantage of fairness compared with the traditional game platform. In addition, the ALLBET blockchain game platform has a lower game dealer advantage than general game platform, and has better game fairness.

## 1.4.2 High Performance and Extensible DApp Game System

The ALLBET platform provides users with a basic way to participate in games using ETH and EOS. By allowing users to place bets in various ways, such as platform currency and account recharge, it can circumvent the influence caused by virtual currency network delays, enabling multiple virtual currencies to gain an efficient experience of instant gaming and results verification. Most of the early DApp games originated from the ETH-based public chain network. The number of DApp games under the ETH ecosystem is huge and the users are extensive. However, as the transaction processing capabilities of current Ethereum is limit, game delays may occur due to the network. In the current EOS ecosystem, game applications have achieved a superior experience with high TPS and low latency. With the development of blockchain technology, the performance of the mainstream public chain is likely to be improved in the future, and the bottleneck of blockchain game platform has potential for breaking through. The ALLBET game platform will also continue to build the underlying system of games through cutting-edge blockchain technology.

The ALLBET platform will develop a variety of DApp game applications, and enable the platform to support multiple types of virtual currency to participate in the game in the future. It will maintain high expansibility in game functions, game modes, game mechanics, economic models, etc., and remain its openness in the promotion channels, audience, partners, application development, community building, etc.

Users can participate in the game anytime and anywhere through the ALLBET online platform website, or participate through the blockchain wallet and cooperation platform. In addition, ALLBET will develop APP and client applications to meet the needs of different user groups who use the fragment time to participate in games.

# 1.4.3 Profit Sharing Platform and Token Economic System of Games

The ALLBET platform builds a profit-sharing blockchain game platform through platform coins AT and AB. The platform can obtain dividends and realize the balance and circulation of the token economic system through the platform's built-in transaction system.

- Game is mining: Users or players participate in the platform game and get the corresponding platform coins. The platform will give or drop the corresponding platform coins to all game users in a way similar to virtual currency "mining". The game is one of the main ways to get platform coins.
- Coin holding/pledge is dividend: The platform coin is the equity certificate of the ALLBET game platform. As long as the user holds the platform coins or does the pledge operation that meets the requirements, the user can obtain the corresponding proportion of dividends according to the rules. Platform coin AB will receive dividends directly, and Bancor platform coin AT will give dividends to users through profit repurchase.
- Decentralized transaction platform: By utilizing a practical and enhanced token protocol based on Bancor, ALLBET actualize a decentralized transaction engine and transaction of platform coins based on smart contracts. In addition to mining, users can purchase platform coins directly.
- Adjustable token economic system: The airdrop ratio of platform coins will be adjusted according to the project dividends and platform development. The platform coins' circulation can be regulated and controlled through platform coin games, lottery, community consensus voting, etc.

#### 1.4.4 Multi-shared Partner Ecology and Community Construction Governance

Blockchain technology can improve the experience and mode of online games, and can improve the intelligence, security and efficiency of traditional online games. However, the categories of games need to be enriched, the user groups need to be expanded, and the supporting technology and services need to be developed.

•Third party technical support and cooperation: ALLBET blockchain game platform is dedicated to building a multi-shared partner ecosystem. Based on the mature model and management experience of existing DApp game development, the ALLBET platform will provide common API interfaces and SDK toolkits for partners including third-party DApp developers, and it will provide customized application technology for qualified partners to achieve cross-platform collaboration and docking. Developers

can share the Bancor transaction engine and platform token system of the ALLBET platform.

- Collaborate with wallet and application market: ALLBET will collaborate with DApp application distribution platforms and virtual currency wallet applications to obtain a wider application flow. At the same time, share the flow dividends of the ALLBET user groups with platform partners. Under the premise of in-depth cooperation, global users can enjoy the same digital asset game service provided by ALLBET through the ALLBET platform or other platforms with ALLBET components.
- Collaborate with traditional game makers and offline channels: Based on the principle of legality, the ALLBET team will cooperate with local governments, licensed companies, game manufacturers, etc., and explore cooperation with offline game user groups and related legal operated channels. The cooperation is flexible, for instance, 1) Access to game products. Licensed offline channels can bring high-quality game products and user groups to the ALLBET platform; 2) Open the chip exchange. Offline casinos can use the mainstream virtual currency supported by ALLBET, or open exchange with ALLBET platform chips, so that more users can use the ALLBET platform chips to exchange their offline physical chips. 3) Based on data statistics and blockchain technological applications, ALLBET will help offline casinos, game makers, etc. to optimize user service strategies.
- Collaborate with media and research institutions: The ALLBET team will cooperate with media and self-media in the blockchain and game domain to exchange shared audience and flow. ALLBET will seek in-depth cooperation with blockchain research institutions, analyze data on blockchain game market, and form industry reports with knowledge increments to provide scientific and effective data support for the development of blockchain game industry, to expand the influence of the platform and to enhance the brand value.

DApp and the blockchain game industry always run through the community co-governance spirit of blockchain. On the basis of open and transparent game rules, ALLBET game platform will further listen to community feedback. Through community voting, it will allow users to participate in part of the game mechanism and operational decision adjustment, and jointly build a co-governance ALLBET game community ecology.

#### II ALLBET Platform Coins

#### 2.1 Introduction to the Platform Coins

The ALLBET platform implements a dual platform coin strategy, that is, the issuance of AT and AB platform coins, of which AT is the Bancor coin and AB is the general platform coin.

#### 2.2 AT Coin Introduction

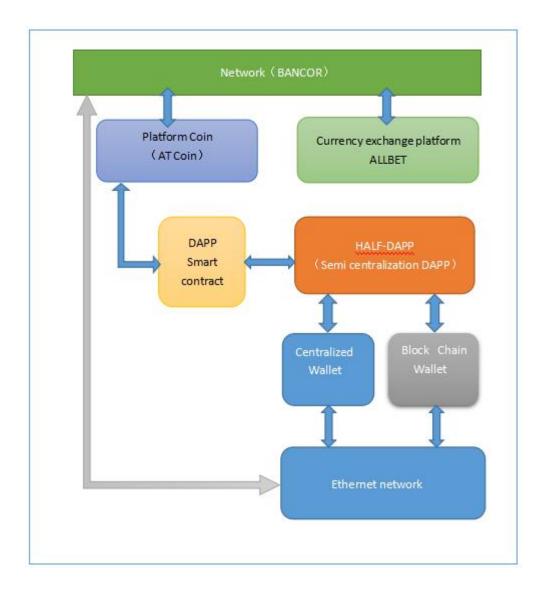
The AT transaction mechanism establishes a network for digital currency exchange based on the Bancor protocol for connecting to the ALLBET platform coins. The platform's AT Coin is used to support all DAPP applications under the platform, providing a basis for future platform value-added services. AT is the Bancor coin issued by ALLBET, with a total issuance of 10 million pieces. The team holds 4 million pieces which will be unlocked in four years. The first phase is unlocked on January 1, 2019. Of the remaining 6 million, 1 million of them are used as reserves to initialize the Bancor reserve pool.

The Bancor protocol is an underlying protocol that provides continuous liquidity and asynchronous price discovery for encrypted digital currencies through blockchain and smart contracts. Briefly, traditional cryptocurrency faces serious obstacles in the process of exchange, that is, the liquidity of cryptocurrencies requires the "double coincidence of demand" between the two parties, which means the buyer buys meanwhile the seller is just ready to sell, and the transaction can be completed only if both parties are agreed on the price. This condition undoubtedly hinders the liquidity of the currency.

Considering the above issues, the Bancor protocol introduces a technical solution to solve the problem of liquidity and price through smart contracts and reserves. Based on tokens created by Bancor, tokens can hold other tokens as their own reserves at a preset rate, and the newly created tokens directly receive value regardless of the volume of the transaction. It also directly obtains the exchange rate between itself and the reserve token, so it can be exchanged back to its reserve tokens at any time, with or without buyers.

When a smart Token is bought, its price rises; when it is sold, its price falls. In this way, the value ratio of reserves and supplies can remain stable as the value flows in and out of the smart token. However, by acting as a smart token with automated issuance and exchange, smart contracts do more than just build prices. When the smart Token is bought, the value of the reserve token will increase, which will trigger the smart contract to issue a new token to the party that added the reserve. Similarly, when a smart token is sold, the smart contract destroys the smart token and provides the party with the appropriate amount of reserve tokens. Thus the value ratio of both reserves and supply can remain stable.

Smart token maintains the unchanged value ratio between the reserved token value and the token value in the market through smart contracts and a "Constant Reserve Ratio (CRR)". Smart contracts constantly measure the value of the reserved token and the circulating token, and establish a CRR-based transaction price between the two.



### 2.3 Exchange and Price Mechanism of AT Coin

# 2.3.1 Exchange Mechanism of AT Coin

AT is completely based on the Bancor protocol. The ALLBET platform provides the function of smart token price conversion, and sets up a quotation system for currency transactions, which provides a unified circulation algorithm for digital currency. Bancor algorithm pricing formula is the core of transaction system's design and potential, because it enables AT to determine its own reliable, predictable price all long.

# 2.3.2 Price Mechanism of AT Coin

The ratio between the total value of the AT and the corresponding connector is maintained. We call this ratio the weight of the connector, referred to as CW.

$$CW = \frac{connector\ balance}{AT\ Token's\ total\ ualue}$$

AT price formula:

$$AT\ price = \frac{c\ onnerctor\ b\ alance}{AT\ To\ ken's\ outstanding\ supply\ \ \times\ CW}$$

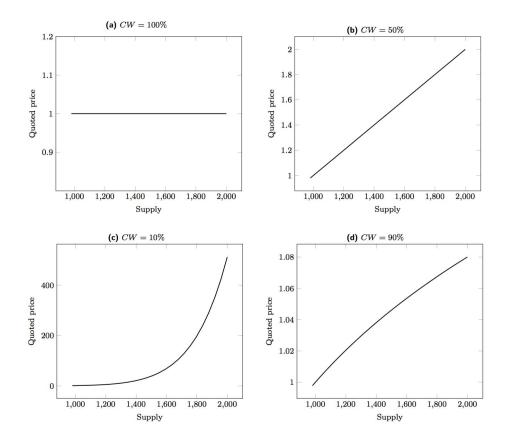
among them:

Price(P)=Token unit price Connector balance= Connector token balance Outstanding supply=AT token surplus supply CW=Connector weight

AT Token's Total Value:

AT Token's total ualue = AT price  $\times$  AT Token supply

The CW continuously calculates the correct price of AT when the ETH surplus changes and when the AT supply changes.



When the demand for AT is small (When the amount sold is greater than the amount purchased), the price of AT will fall; when the demand for AT is large (When the amount purchased is greater than the amount sold), the price of AT will rise.

#### 2.3.3 Issuance Mechanism of AT Coin

The ALLBET platform is based on the ETH smart contract and Bancor algorithm. By using ETH as the reserve fund, the ALLBET platform issues the smart contract token AT Coin through the Bancor protocol. Realize the mutual circulation between AT Coin and ETH by locking ETH. The biggest feature of ALLBET transaction platform is that the anchored base currency ETH reserve will continue to increase, thus ensuring the continuous and permanent increase the value of AB Coin, which will never break. We will continue to inject a fixed proportion of (ETH) from the game fee into reserves, therefore fixed unit AT Coin has steadily increased in exchange for ETH.

#### **Buying Model:**

Number of AT tokens obtained by storing X ETH

买入 AT 数量 = AT 总供应量 
$$\times \left( \left( 1 + \frac{X}{ETH 储备金} \right)^{cw} - 1 \right)$$

In this formula:

买入 AT 数量=Number of AT tokens bought

AT 总供应量=Total AT supply

ETH 储备金=ETH reserve

#### **Selling Model:**

Number of ETH obtained by selling X AT tokens

卖出 ETH 数量 = ETH 储备金 × 
$$\left(\sqrt[cw]{\left(1 + \frac{X}{AT \ \text{总供应量}}\right)} - 1\right)$$

In this formula:

卖出 ETH 数量=Number of AT tokens sold

ETH 储备金=ETH reserve

AT 总供应量=Total AT supply

#### 2.4 AB Coin Introduction

AB Coin is the universal platform coin of ALLBET platform, with a total of 10 billion pieces. It will never be issued again. The team holds 30% which will be locked for four years and will be released in equal proportion every month. The first phase is unlocked on November 30th. Of the remaining 70%, 10% or 1 billion will be released in the form of "game is mining".

#### 2.5 Profit of the Platform Coins

- **2.5.1 Holding is dividend:** We give 100 percent of the profits to users who hold AB and AT coins, and the platform does not participate in any draw, 70 percent of which goes to AB holders and 30 percent to Bancor ETH reserves in the form of ETH to boost the value of AT coins.
- **2.5.2** Game is mining: When the player participates in the game in the platform, he will get the AB Coin given by the platform. ALLBET returns the corresponding

platform coins to the users through the form of "game is mining". Platform coin AB enjoys 70% dividends, and it may also be online to exchange in the future. Its potential is huge.

**2.5.3 Community Autonomy:** In the future, the ALLBET platform will launch an open platform. The online platform of self-developed games and third-party affiliated games can be decided by users in the community through voting. In the future, ALLBET will put the exchange module online and users who hold AB and AT can decide the online currency.

**2.5.4 Platform coin appreciation:** In the future, AT and AB will be used to consume, exchange, pledge and add value in the game.

#### **III ALLBET Games Introduction**

#### 3.1 Game Rules of Bancor

Bancor game is the exchange market of the AT Coin which is one of the ALLBET platform coins. In this market users can buy and sell AT Coins. The platform researched and improved the Bancor algorithm on its own, realizing a decentralized automated exchange engine that can place entry order. Each AT transaction directly interacts with a smart contract without waiting for others to trade with you. You can also place your entry order, the system will automatically complete the entire transaction when the market price to meet your entry order price. The data of the whole transaction process can be queried in the blockchain browser.

In order to encourage users to purchase AT Coins issued by the ALLBET project, the transaction fee is waived throughout the purchase process. Since the AT Coin transaction is the exchange market based on Bancor agreement, the early ALLBET economy is still developing and is highly prone to violent fluctuations. To prevent early investors from deliberately manipulating the AT Coin price to impact ALLBET development, a certain fee will be charged when the user sells the AT Coin.

The biggest advantage of the AT Coins exchange market is that it can complete the entire transaction in satisfying price without waiting for the other party, and it can ensure the convenience and liquidity of the transaction by combining with Bancor algorithm.

#### 3.2 Game Rules of Dice

Dice is a completely decentralized, transparent blockchain game that runs on the ETH network. The moment of the dice falling determines your winning or losing. Rolling

dice can have 100 results which is 1-100. You can choose the forecast number from 2 to 98. The larger the number you choose, the more likely you are to win. For example, if you move the slider to a forecast of 70, then when the lucky number is in the range of 1to 69, you will win an return equal to the bet amount multiplied by the odds.

The maximum bet amount is 1.5% of the platform ETH and the minimum bet amount is 0.01ETH so as to avoid the player's addiction. Participating in the game, the player will receive a certain amount of AB Coins to receive platform dividends.

Note: If you win, subtract 1% commission from the total amount returned to the player. In the game you will need to pay a small gas fee to bet. Gas fee is not accepted by our platform but used to maintain ethereum blockchain.

# 3.3 Dice Game is Mining

In the Dice game, the ALLBET platform will airdrop AB Coins to users in the form of "game is mining". Whenever the user participates in the game and wins, the system will reward the AB Coin by 1:1000; whenever the user participates in the game but loses, the system will reward the AB Coin by 1:2000.

# 3.4 Airdrop Rewards

During the operation of the ALLBET platform, the AB Coins will be irregularly airdropped. The airdrop reward will be distributed to user's account in the form of lucky numbers and critical strike rewards while the user is playing the Dice game.

**Lucky Number:** When the game shows a lucky number 88, the user can get 18 AB Coins.

**Critical Strike Rewards:** Each user's AB Coins doubled in their 66<sup>th</sup>、88<sup>th</sup>、166<sup>th</sup>、188<sup>th</sup>...(and so on) participation in the game during 0:00 to 24:00 O'clock that day.

Note: Lucky number 88, critical strike times 66, 88, 166, 188... are for reference only. Please refer to the announcement after the platform is online for details.

#### 3.5 Invitation Rewards

After registering an account, the player can invite his or her friends to participate in the game through the invitation link. The player will receive a registration reward of 5000 AB Coin after the friend has registered the account. With the friend's participation, the AB Coins obtained by mining will trigger the system's invitation reward. The rules are as follows: The system will reward the inviter with 8% AB Coins according to the friend's AB Coins holding amount, and reward the invitee with 2% AB Coins. Unlike other platforms, ALLBET platform shows consideration for

every user by rewarding both inviter and invitee.

#### 3.6 Account System

The account system of the ALLBET platform is divided into two categories: platform accounts and HD wallet accounts. You can choose an account system to participate in the games on the platform. The platform accounts are divided into four levels, and different levels of accounts can enjoy different mining rights. The levels are as follows:

- 1. Level I Account: a limited number, only 88! Each level I account will give 200,000 AB Coins at a time, and the mining rebate will be 200%. The top 10 users invited by this account will automatically become the level III account. Since it has been purchased by 10 ETH, the level I account can be maintained only through completing the registration of 10 invitations within 7 days, otherwise it will be reduced to the level II account.
- 2. Level II Account: a limited number, only 288! Each level II account will receive 100,000 AB Coins at a time, and the mining rebate will be 150%. The top 5 users invited by this account automatically become level III account. Since it has been purchased by 5 ETH, the level II account can be maintained only through completing the registration of 5 invitations within 7 days, otherwise it will be reduced to the level III account.
- 3. Level III Account: Unlimited number, each level III account can get the mining rebate of 120%. It can be registered only through the invitation of level I and level II account. Since its registration, level III account can be maintained through completing the registration of 2 invitations within 7 days, otherwise it will be reduced to the ordinary account.

No need to wait for long ethereum transactions, and no need to pay gas fees per transaction, all platform accounts can provide you with a faster and more economically gaming experience when participating in all games on the platform.

HD wallet accounts are players who directly use the MetaMask plugin or HD wallet client to play games. HD wallet accounts can quickly access all games on the platform without registration.

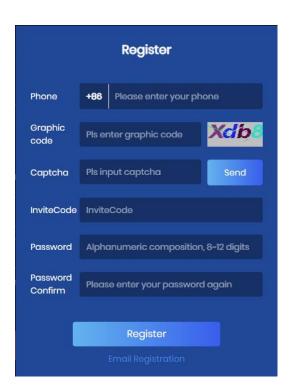
# **IIII** How To Play Games

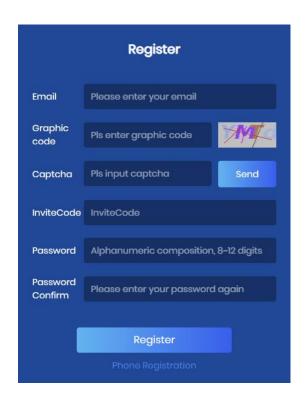
#### 4.1 How To Play Games

Before participating in the game on the ALLBET platform, you need to prepare a platform account or MetaMask plugin.

**4.1.1 Login/Register Account:** First visit the ALLBET official website, click Login to enter the login/registration process, you can log in using the mobile phone number/mailbox number and login password.

If you don't have an account, you can register now using mobile phone number or mailbox number. The invitation code is optional. If there is no invitation code, the invitation reward will be returned to the system by default. So hurry and invite your friends to participate.

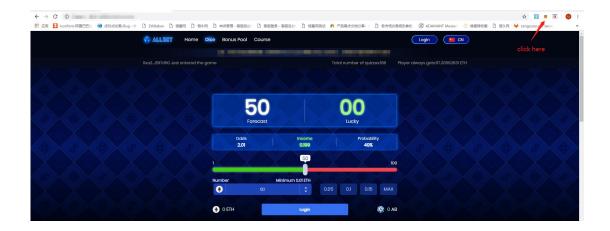




After the successful registration, you can log in to play the game.

# 4.1.2 MetaMask Plugin Login:

You can choose HD wallet login. If you are playing on the PC Clients, please install the MetaMask plugin first. If you have already installed it, please click the MetaMask plugin in the upper right corner of the browser to log in and play the game.



If you didn't have the MetaMask plugin installed, please go to the MetaMask website https://metamask.io/

Click the "GET CHROME EXTENSION" button to download the Chrome version of the plugin, the site also provides a plugin for Firefox. Click the "Add to CHROME" button.

The MetaMask plugin will be installed on the browser and a small fox icon will be visible in the upper right corner of the browser.

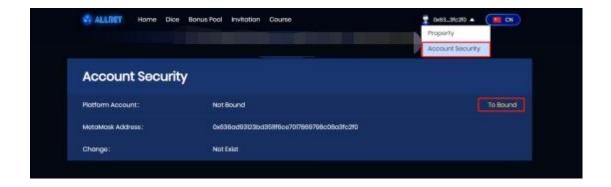


You have successfully installed the MetaMask plugin which can be used after logging in.

#### 4.2 Start the Game

After logging in to the platform account, you can recharge the platform ETH managed address and then you can participate in the game. After logging in to the HD wallet account, you can use MetaMask plugin to pay for the games.

After logging in to the HD wallet account, you can bind the account. If the binding is successful, you will be rewarded with 5000 ABCoins as well as invitation rewards.



After the successful binding, you can switch the address to play the game.



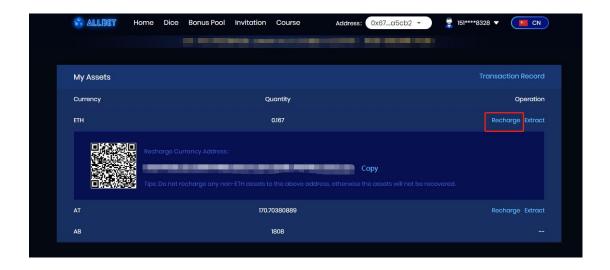
# 4.3 Viewing Records, Assets and Withdrawals

You can view your AT transaction and game records on the Home and Dice pages.

You can view your current assets in "my assets", and switch accounts to respectively view the assets of the platform ETH managed address and HD wallet address.

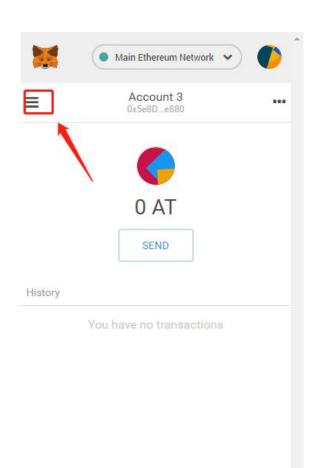


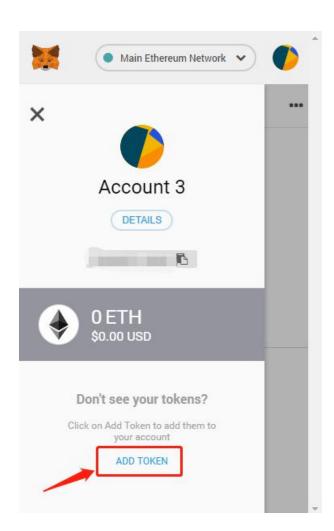
You can freely recharge the ETH and AT of the platform account.



# 4.4 How to check the number of AT coins in the MetaMask

Click on the button on the left in MetaMask and click on the "ADD TOKEN" button in the open page.





Select "Custom Token" and fill in the Token Address:

0x6f05477ff849eff7dcb262960ff5b5081aa5e212

fill out the "NEXT" button, click the 'ADD TOKEN' button on the confirmation page, you can see the number of AT coins in the account.

