



# DDO Chain



- DDO Chain WEB3.0 Ecological Value Exchange Intelligent Public Chain •

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# Development Background

A large, white, stylized 'DDO' logo is positioned at the bottom of the slide. To its left is a thick, teal diagonal line. Above the 'DDO' text, there are three circular elements: a small red dot, a medium-sized teal circle, and a large teal circle with a blue-to-teal gradient.

# The era of digital economy has arrived

In 2024, the digital economy will usher in a broader space for development. As global Internet penetration increases, more and more people will join the ranks of the digital economy. The rapid development of cloud computing, big data, artificial intelligence and other technologies will provide digital enterprises with more innovation opportunities. Whether it is e-commerce, online education, virtual reality, financial technology or smart manufacturing, digital technology will bring new business opportunities and growth drivers to various industries.

Under the wave of digital economy, artificial intelligence will become the core driving force of the future economy. Breakthroughs in artificial intelligence technologies such as machine learning, deep learning, and natural language processing will greatly change the way production and services are produced. Intelligent assistants, automated production lines, intelligent trading systems and other fields will develop rapidly, improving efficiency, reducing costs, and further promoting economic growth and innovation.

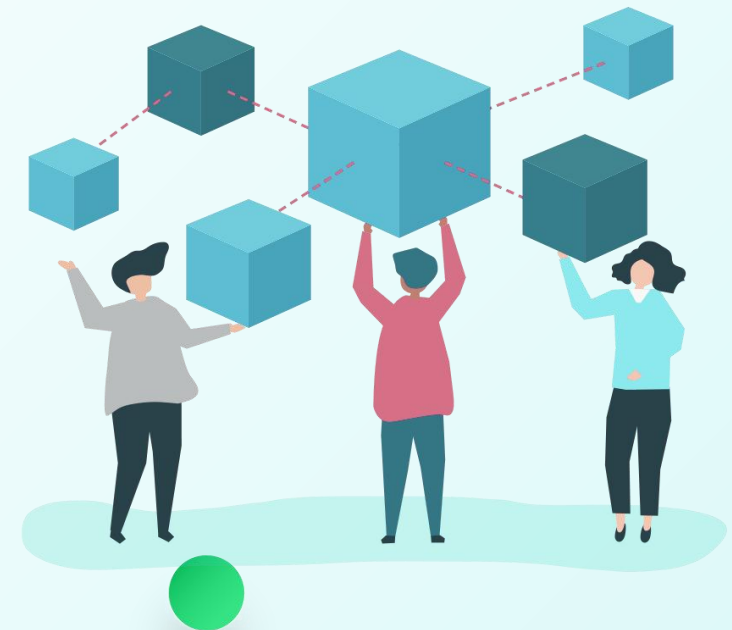


# Digital economy AI transformation comprehensively promotes the development of WEB3.0.0 industry



There are still some unreasonable aspects in the current development stage of WEB3.0, and many early WEB3.0 projects lack sustainability. The development of artificial intelligence technology provides new opportunities to break the current dilemma. DDO Chain believes that AI technology can help digitize non-financial assets, allowing these assets to be circulated and traded in the digital economy, breaking down the barriers to business models. Through AI's advanced data analysis and pattern recognition capabilities, various assets in the physical world, such as options, artworks, intellectual property, and even personal skills and personal brands, can be effectively converted into digital assets to form valuations. This conversion not only increases the visibility and liquidity of these assets, but also opens the door for their transactions and circulation in the digital economy, revitalizing the entire global economy for better development.

In addition, AI technology can also provide more accurate and efficient asset assessment, price prediction and risk management, thus breaking the limitations of traditional business models and bringing broader and deeper development momentum to the WEB3.0 ecosystem. This innovation not only strengthens the inclusiveness of the digital economy, but also provides a more fair and transparent market environment for various assets, promoting the prosperity and sustainable development of the entire digital economy.



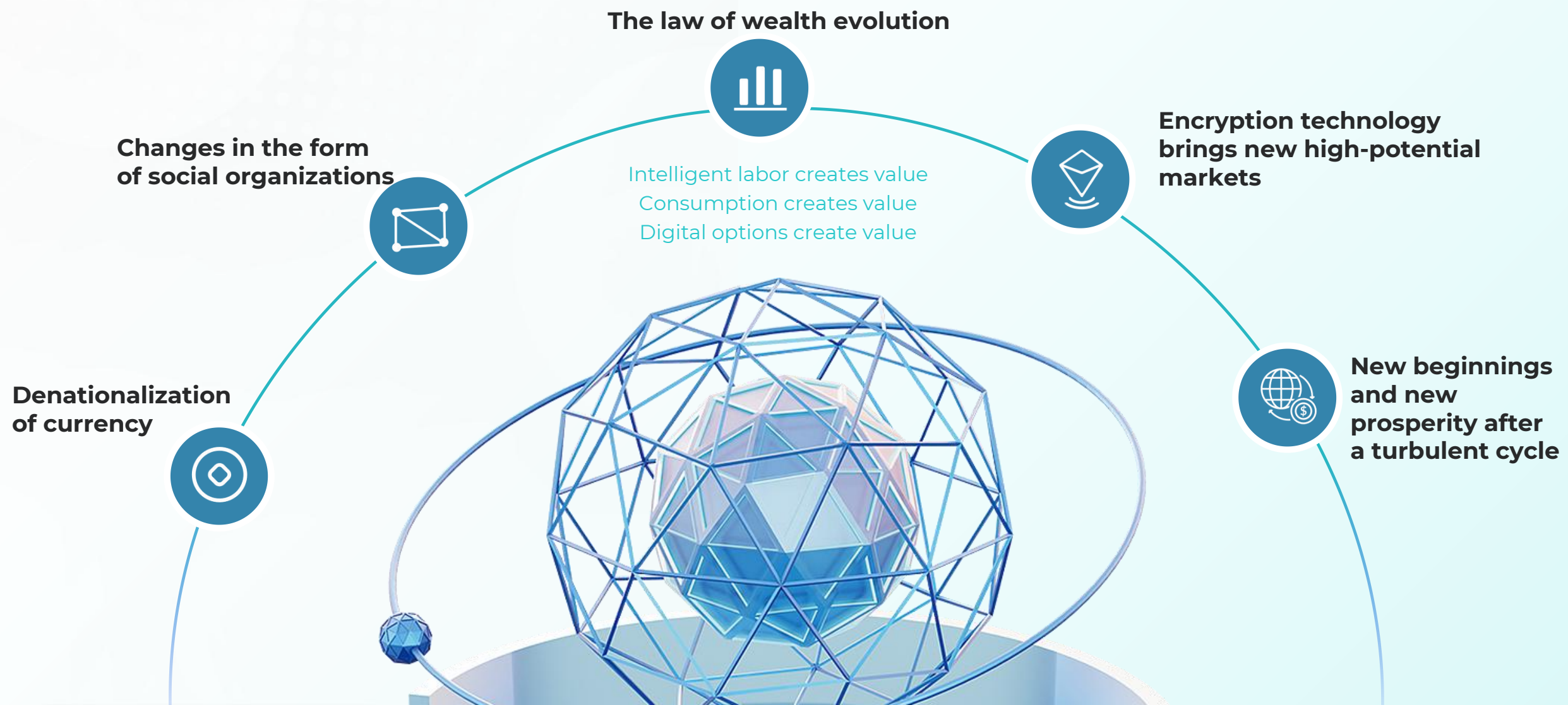
# The integration of AI and public chain

PWC predicts that artificial intelligence will contribute \$15.7 trillion to the global economy by 2030, increasing global GDP by 14%. With the development of AI technology, AI will not only attract attention as a separate technology. The combination of AI and other technologies has gradually become a general trend and is constantly affecting other existing technologies and industries. WEB3.0 is no exception.

At present, applications integrating artificial intelligence and blockchain technology have begun to appear. A typical example is the use of blockchain technology to protect the intellectual property of artificial intelligence algorithms. By storing the algorithm code on the blockchain, the integrity and non-tamperability of the algorithm can be ensured, thereby protecting the intellectual property of the algorithm. In addition, blockchain technology can also be used to establish a decentralized artificial intelligence market to enhance the security of data exchange and sharing. Another integrated application of artificial intelligence and blockchain technology is smart contract technology, which can make full use of AI to participate in financial services such as digital options more efficiently.



# Investment theory: five major trends in the future world



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## About DDO Chain

A large, stylized graphic of the letters "DDO" in white with a light blue shadow. To the left of the first "D" is a thick, teal diagonal line. Above the first "D" is a small red circle. Above the second "D" is a medium-sized teal circle. Above the "O" is a large teal circle. The background is a light blue gradient.

# Introduction to public chain

DDO Chain believes that realizing data interoperability and asset interoperability between heterogeneous chains will play an important role in promoting the digitalization of global financial assets. Based on WEB3.0, DDO Chain provides complete infrastructure for all digital economy-related fields, especially digital finance and other industries, through smart contracts + AI technology. It is leading the majority of consensus members to achieve "thousands of chains interconnected and value interoperable", leading the trend WEB3.0 new form.

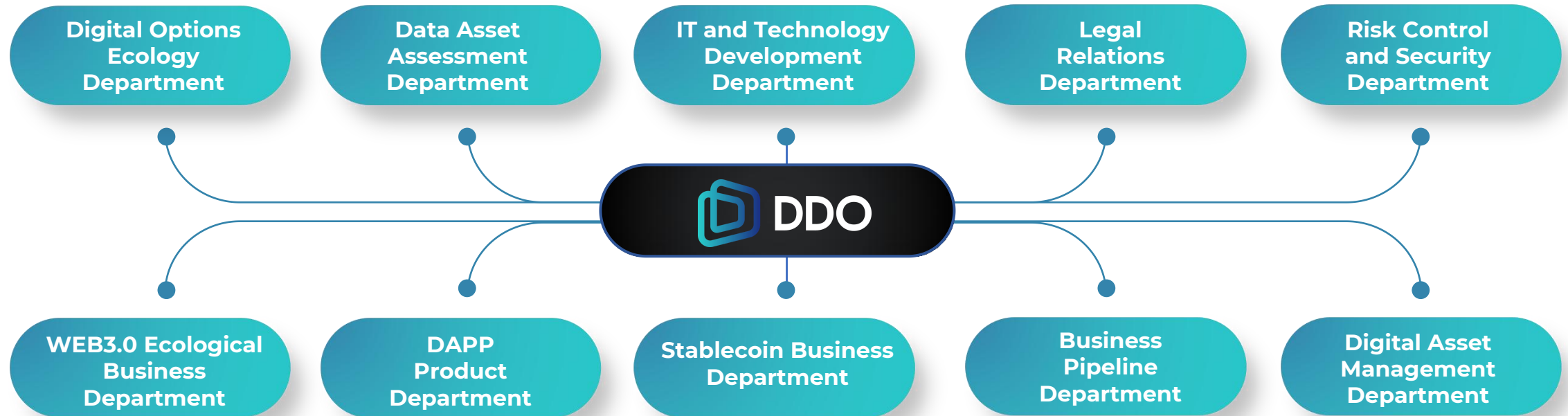


## Community Mission and Values

Most traditional blockchain systems are operated by intermediaries. However, DDO Chain will be operated by every participant and provide contribution value, and can obtain more return value. DDO Chain Community, which has strong inclusiveness, is willing to unite every participant who is passionate about WEB3.0 from all over the world to build it together.



# Organizational structure



# Ecological partner

 **TOKEN POCKET**

 **Blockchain.com**

 **Web3API**

 **TRUST**

 **CERTIK**

 **imToken**

  
**IoTeX**

 **METAMASK**

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## DDO Chain ecological layout

Decorative elements on the slide include a teal diagonal line on the left, a small red dot, a teal circle, and a larger teal circle, all with soft shadows. The text 'DDDO' is rendered in large, white, rounded letters with a slight shadow.

# DDO Chain ecological map

## Concept

User value

Ecological value

Financial value

## Driving force

Technological innovation

Ecological layout

DAO governance

## Ecological cornerstone

Multi-chain interoperability

Smart contract bottom layer

Digital Options Service Center

Stablecoin Operation Center

AI Application Ecology Center

## Functional application

Digital asset trading

AI application service platform

DAPP ecosystem  
Full scene landing  
Stable currency circulation

More applications...

# Digital financial ecology

+

## M&A and Transactions

Asset M&A and Reorganization

Financial derivatives

Quantitative financial services

## Commodity Warrants Trading

Fiat currency trading

Cryptocurrency trading

Digital options trading

## Broker

Traditional finance

Institution /Individual

Quantitative Team

User community

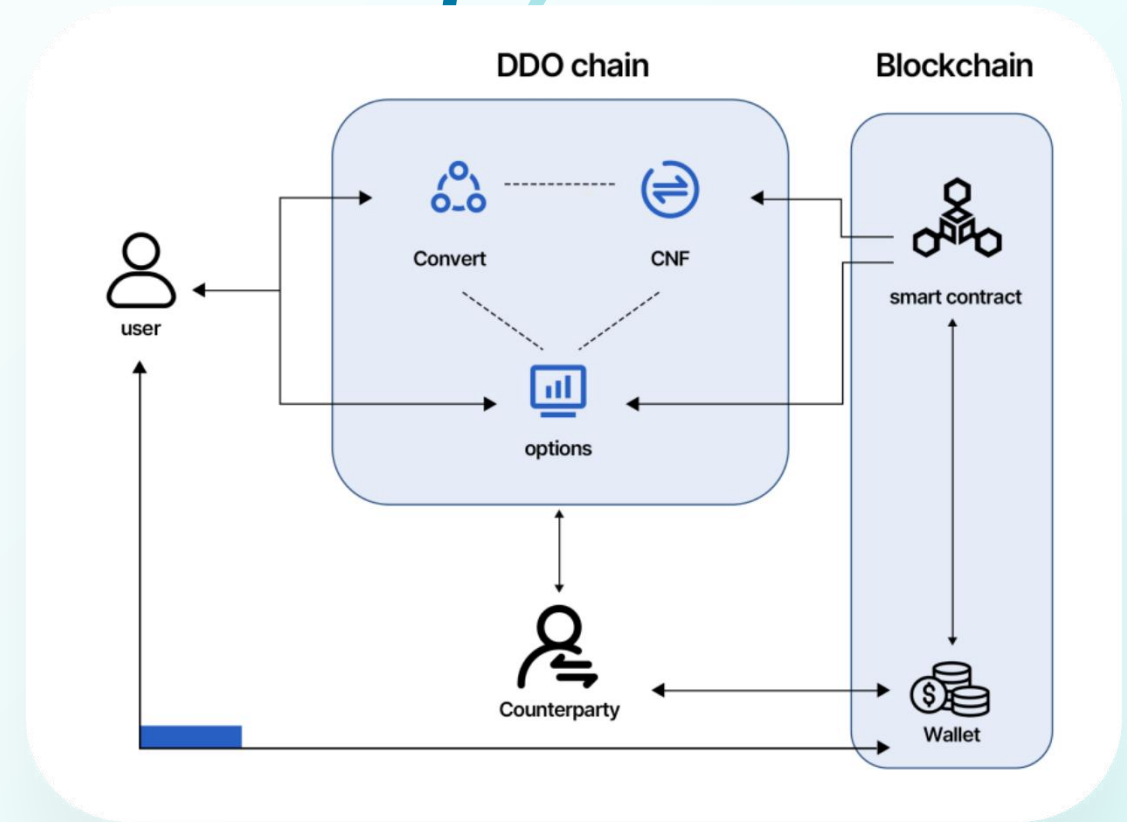
Digital options

Trading platform

Financial derivatives

# Digital options based on smart contract technology

- DDO Chain plans to support BTC, ETH and other mainstream tokens that comply with ERC-20 standards, and will gradually add other digital currencies in the future to diversify digital option products such as DDO.
- DDO Chain uses smart contracts to greatly simplify the circulation cycle of options products and accelerate the entire transaction process. DDO Chain uses the proprietary Nest system to include option pricing tools and matching tools. Users only need to choose between TradePROTECT or TradeBOOST to use options to help reduce asset risks while obtaining better returns. In this process, users only need to hold DDO Chain Digital Options DDO, and can easily reduce payment of transaction fees, withdrawal fees, API authorization fees, etc.



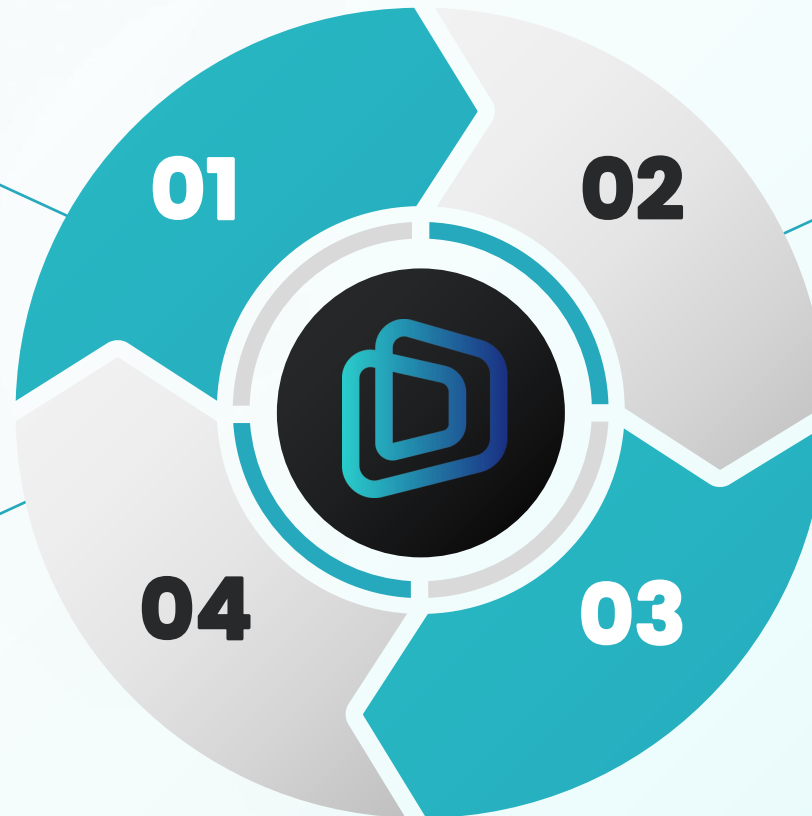
# Markets available for trading options

## Forex

Participate in the world's largest financial market. Trade Digit Options and Call/Put spreads on major, minor and smart FX pairs.

## Stocks and indices

Open long or short positions on OTC indices and use leverage to increase your potential profits.



## Derivative index

Participate in various product transactions with financial market characteristics or their derivatives.

## Commodity

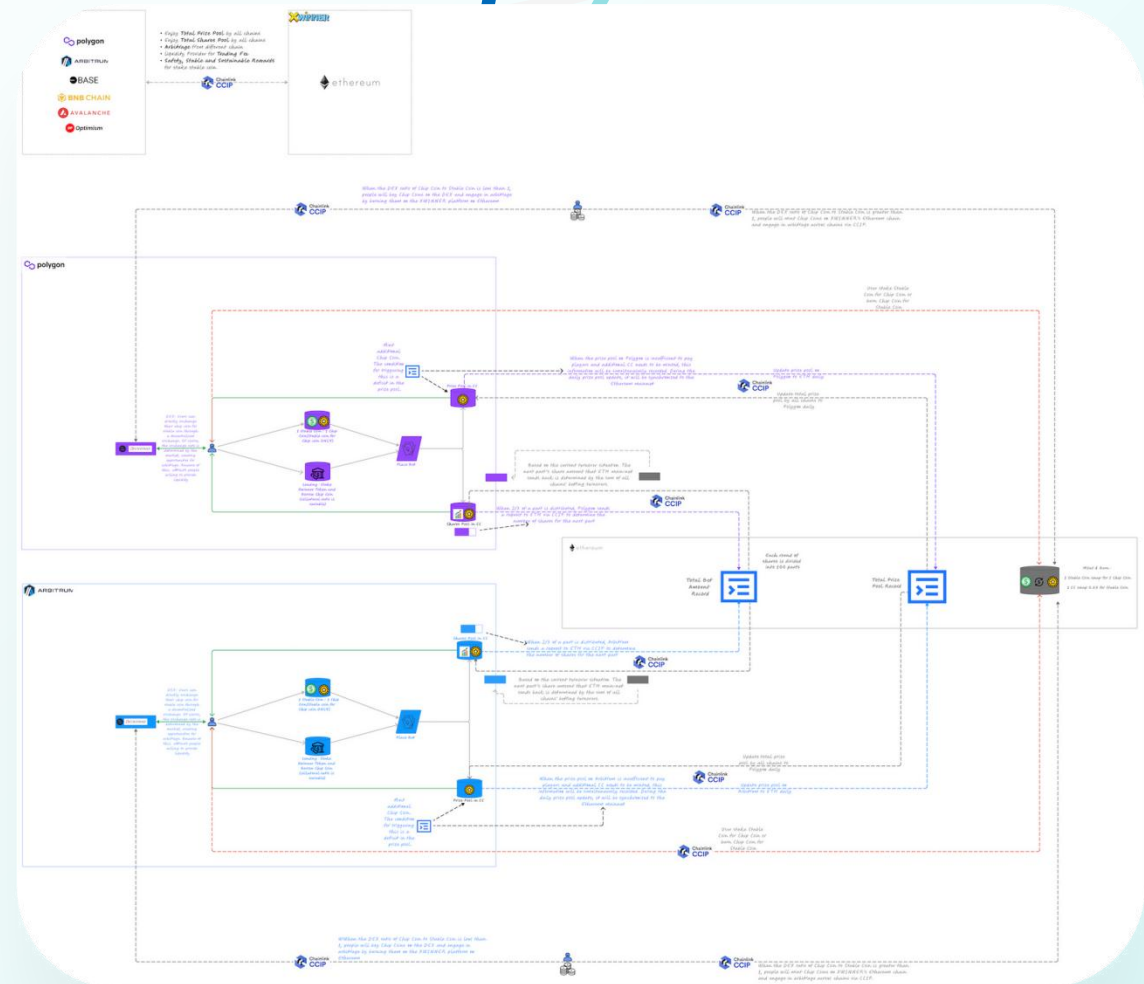
Forecast the price trends of commodities such as silver, gold, oil, etc., and use contract technology to expand potential profits.

# Stable currency system ecology

DDO Chain will launch a stablecoin system to provide global users with a reliable digital currency, aiming to reduce the volatility of the cryptocurrency market and improve the efficiency of financial transactions by reducing transaction costs and providing faster and safer transactions. efficiency.

The stablecoin launched by DDO Chain will be a programmable stablecoin that can execute financial contracts, custody services, digital options exchange, and insurance without intermediaries.

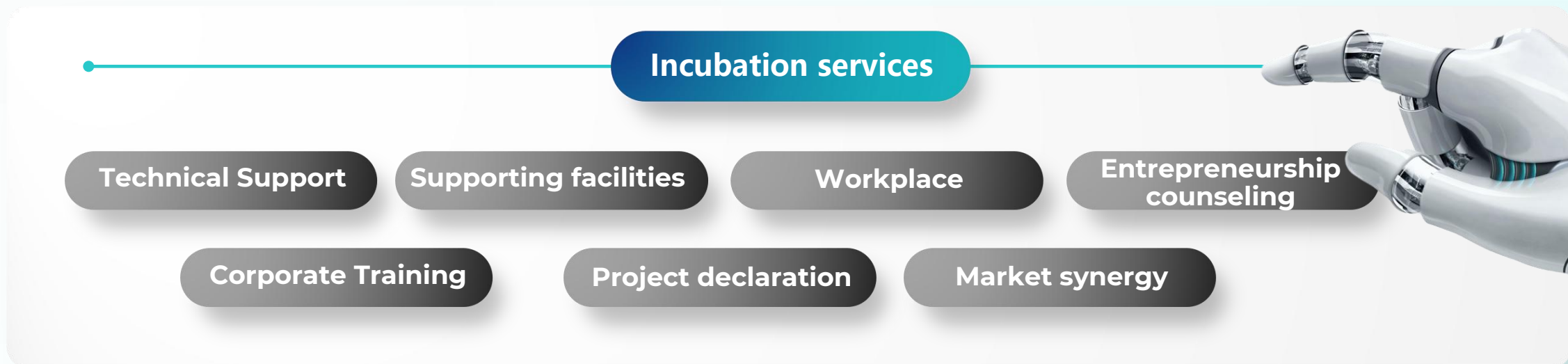
The stablecoin to be issued will always be convertible into U.S. dollars at a 1:1 ratio, and the redemption reserve will be deposited in a separate bank account and monitored and audited by an independent third party.





# AI application incubator

DDO Chain AI Incubator will integrate the WEB3.0 industry chain, build a benign industrial ecology, and help early-stage artificial intelligence application companies complete product innovation, technology iteration, and scenario implementation through business, financial, and technical support. On the one hand, it opens its own technology ecology, computing power ecology, business ecology, and scenario ecology to help start-ups and large institutions connect to achieve technological empowerment, product innovation, entrepreneurial support, and business interoperability. On the other hand, the incubator cooperates with well-known investment institutions and more than 20 ecological resource partners to provide capital market consulting, training and industry insights for start-ups, helping artificial intelligence companies solve the problem of "difficulty finding money" in the early stage.



# DDO AI home robot

In the future, DDO Chain will lay out the application of AI robots in the intelligent Internet system in the home. DDO launches more than just an ordinary home robot. It uses advanced AI algorithms to understand and predict the needs of family members, thereby providing personalized services. It can manage smart devices in the home and provide convenience in daily life, such as intelligent control of home temperature, lighting and security systems. It can also be used for children's education and companionship. More importantly, DDO can become an intelligent Internet bridge between family members. In particular, it can provide customized and personalized service content to make life more interesting and warm.



# DDO AI robot

## Integration with digital finance

Let's take a look at how DDO plays a role in the digital currency and fintech world. Through its advanced algorithms, DDO can extract and analyze information from massive digital currency market data to help users identify high-quality encryption projects and investment opportunities. It can track market dynamics in real time, provide users with timely information and suggestions, and help them make wise decisions in this complex and ever-changing market.

## Integration with data transactions

DDO's AI capabilities play a vital role in digital options and digital currency trading. It has advanced market sniffing capabilities, combined with historical trend and behavioral pattern recognition, to predict and identify potential market risks. When there are unusual fluctuations or potential risks in the market, DDO's AI function can issue an accurate and reliable early warning system to users in a timely manner, protecting users' investments from losses.

## Conclusion

In summary, DDO AI robots not only change our family life, making it more intelligent and efficient, but also play an important role in the fields of digital currency and financial technology. Its advanced analysis and early warning system provides users with unprecedented security and convenience, allowing us to always stay ahead in the WEB3.0 era.

# DDO AI robot business strategy

## Optimization strategies for home applications

- Enhanced user experience: Through user feedback and continuous software updates, the user interface and interactive experience are continuously optimized to ensure that the DDO AI robot is easy to use and fully functional.
- Customized services: Provide more customization options, such as personalized settings for different family members, to meet a wider range of user needs.
- Smart home integration: Cooperate with more smart home device brands to achieve wider device compatibility and enhance market competitiveness.
- Deepening of educational applications: developing richer educational content and interactive models, especially educational games and learning tools for children of different ages.

## Optimization strategies for the digital currency market

- Improvement of data analysis capabilities: Continuously optimize data analysis algorithms to improve the accuracy and timeliness of market trend predictions.
- User education and support: Provide educational resources and support services to help users better understand and utilize digital options and digital currency markets.
- Cooperation and Compliance: Cooperate with financial institutions and regulatory agencies to ensure that services comply with local regulations and enhance user trust in the platform.
- Enhanced security: Invest in security technology to ensure the security of users' investments and personal information, and build user trust.

## Comprehensive business strategy

- Marketing and brand building: Improve the market visibility and brand image of DDO AI robots through effective marketing strategies and brand building activities.
- Diversify revenue sources: Explore diversified revenue models, such as subscription services, value-added services, and cooperative promotions.
- Continuous innovation: Invest in research and development, continuously introduce innovative functions and services, and maintain technological leadership.
- User feedback and community building: Build a strong user community, encourage feedback and participation, and conduct product iterations guided by user needs.

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# Technology Architecture

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# DDO Chain technology core

**DDO Chain leads the trend of decentralized digital options assets with its advanced technical architecture. Its technical features include:**



## **AI-D-PoW consensus algorithm**

The AI-D-PoW consensus algorithm is adopted to dynamically modify the blockchain configuration to achieve efficient, fast and secure transaction verification, overcoming the limitations of the traditional synchronization period and improving network performance.



## **Smart contracts integrate blockchain technology**

Smart contracts and blockchain technology are cleverly combined to create a flexible digital business ecosystem where users can enjoy digital financial services efficiently and at low cost.



## **Cross-chain compatibility**

DDO Chain focuses on blockchain network interoperability and is compatible with the Ethereum Virtual Machine (EVM). Based on this, Ethereum applications can be easily migrated to the DDO Chain platform, supporting traditional and decentralized financial solutions, providing efficient and low-cost services, and achieving greater flexibility.



## **Innovative scalability solutions**

In order to solve the scalability challenge, DDO Chain introduces innovative functions to ensure the sustainable development of the platform. Combined with Ethereum Virtual Machine (EVM) compatibility, DDO Chain breaks through technical limitations and becomes a more flexible digital financial platform.

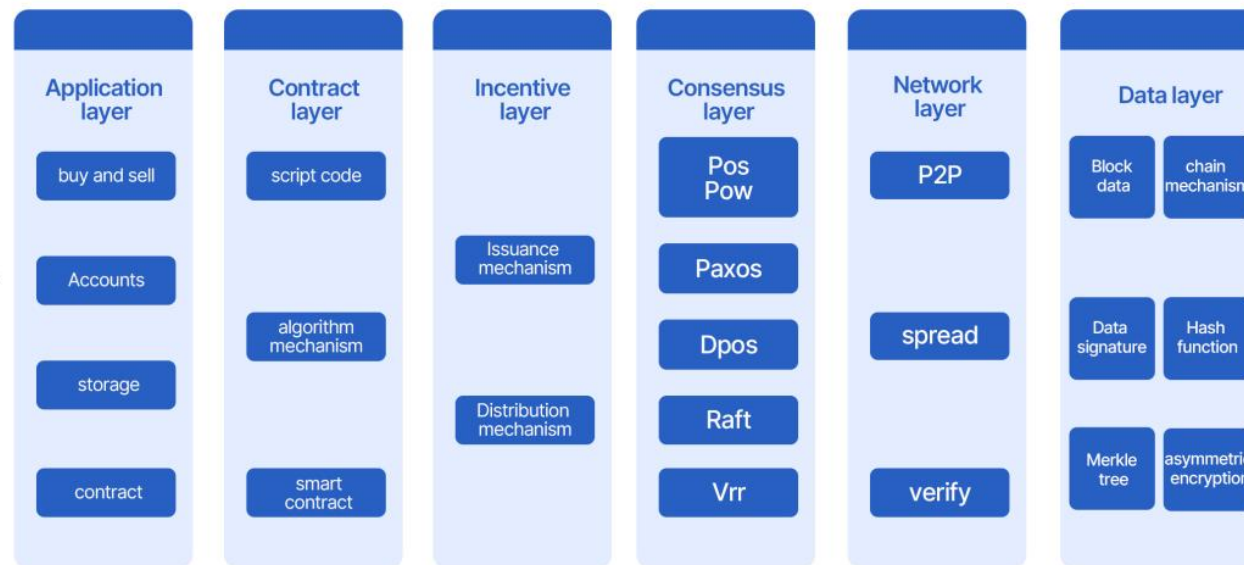
# DDO Chain basic layer technology

Data privacy and security

Decentralization and transparency

Distributed computing and collaboration

## Basic technical architecture of blockchain



# Layer2 modular public chain reduces gas costs



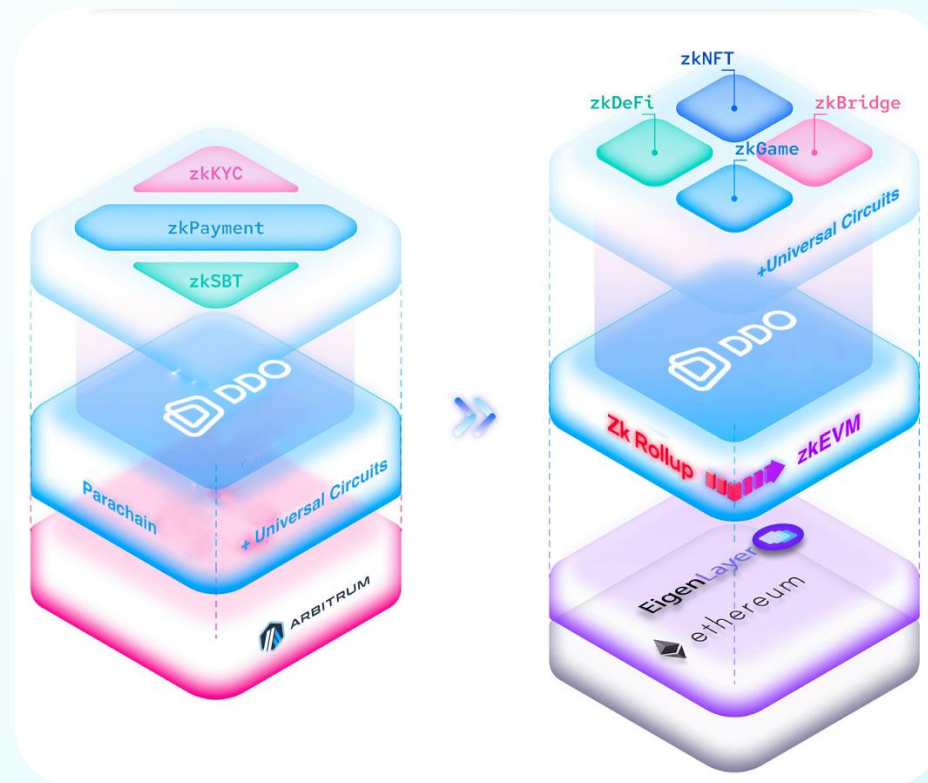
## Drag-and-drop public chain generation technology

DDO Chain has created an open modular library. Developers can drag and drop some modules from the library as needed and quickly build a new public chain. The consensus mechanism of the new public chain can be customized by itself. Choice. No need to be consistent with mainnet.



## Jigsaw DApp development

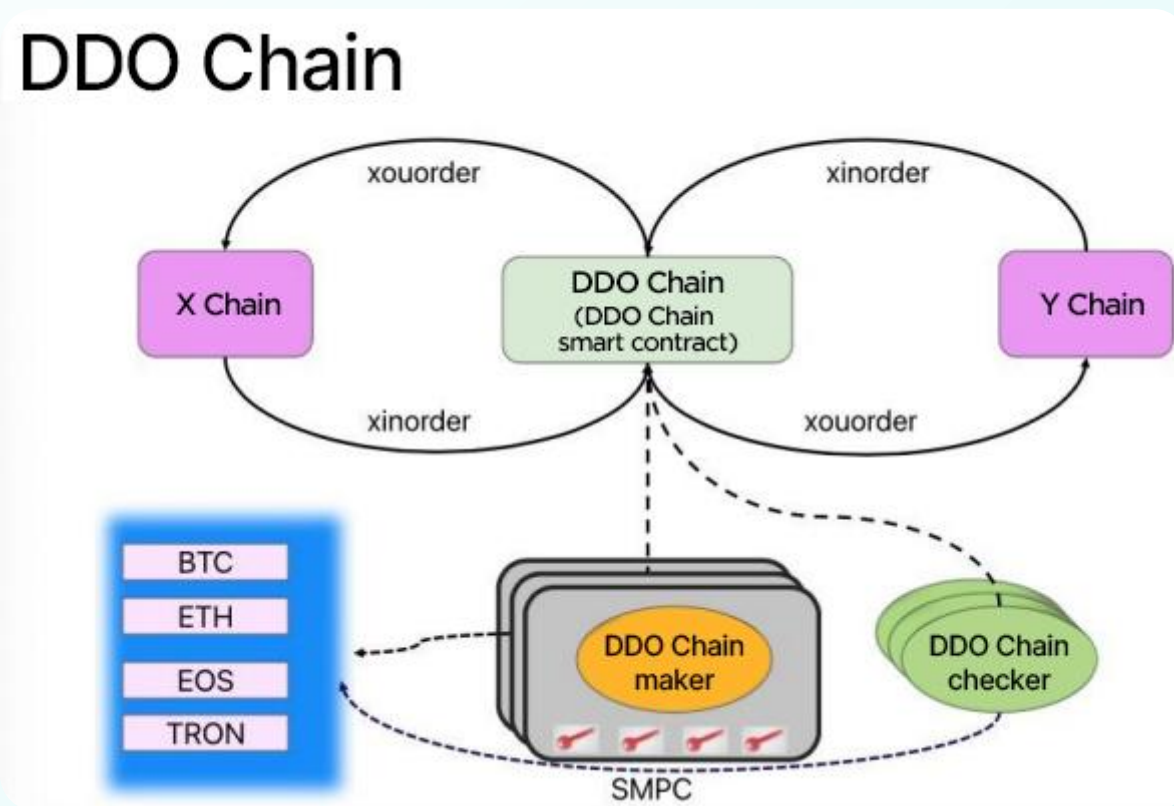
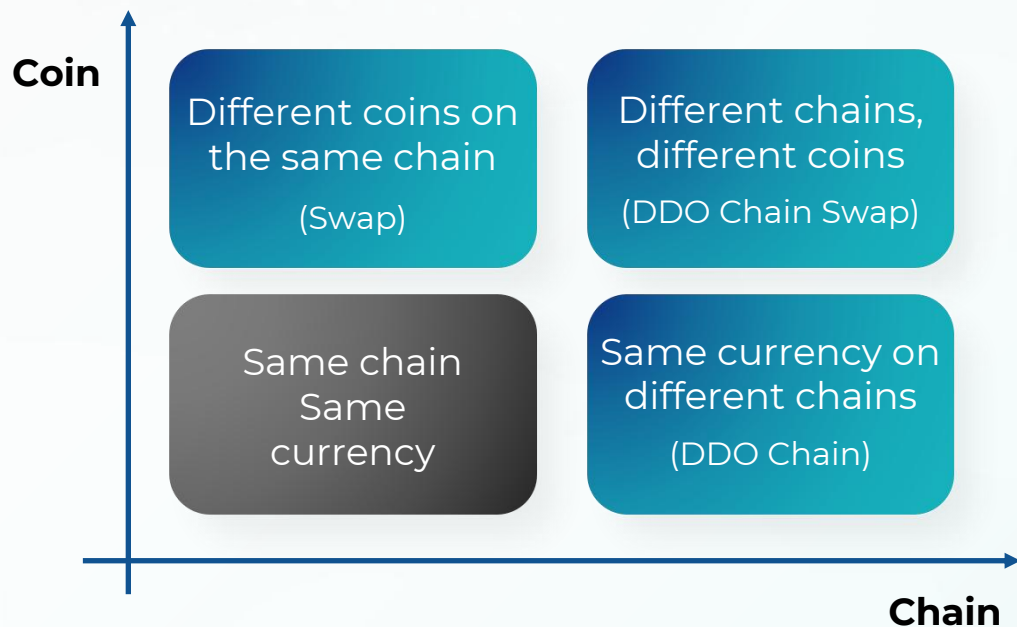
DDO Chain has established an open component library and provides a large number of basic functional components. Developers only need to call the components to quickly build a DApp, which is as easy as playing a jigsaw puzzle.





# DDO Chain cross-chain technology

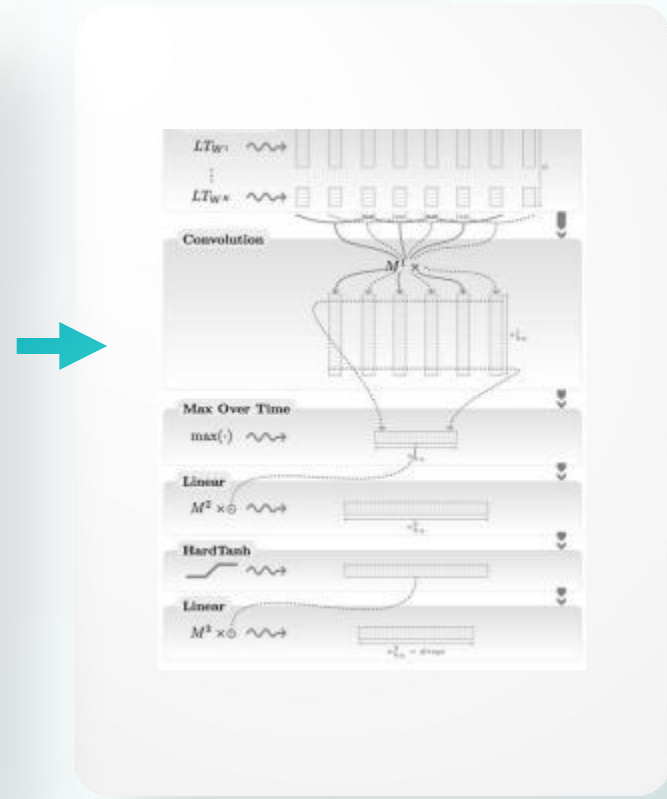
The asset cross-chain tool developed based on smart contracts supports mainstream public chain assets to cross into and out of DDO Chain, and supports the transaction and exchange of any two public chains and digital assets.



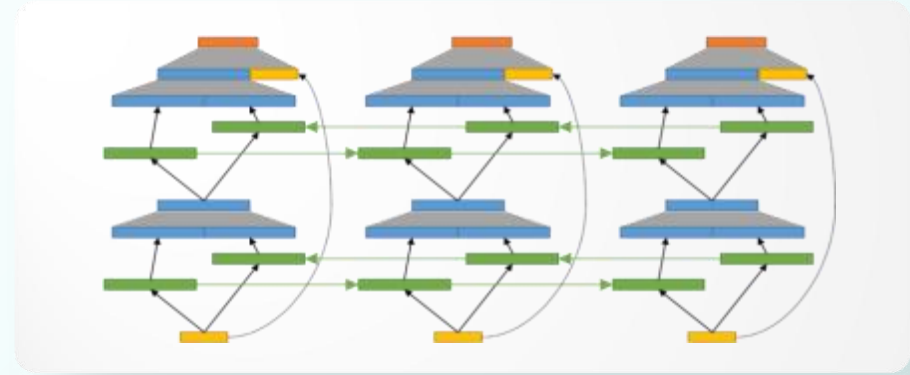
# DDO automatically generates smart contracts



Natural language based scripts



Convolutional neural network for text feature recognition



Recurrent neural networks for code generation



```
contract Service {
  mapping(address => uint) balances;
  uint constant totalCoins = 1000000000;

  // Below creator of contract with 100%
  function Service() {
    balances[msg.sender] = totalCoins;
  }

  // Send  $amount$  ( $0 < amount < 1000000000$ ) ERC from the amount of
  //  $fromAddress$  ( $address$ ) to an account accessible only by  $toAddress$ 
  function send(address to, uint256 amount) {
    LT (balances[to], amount) == balances[to] {
      balances[to] += amount;
      balances[msg.sender] -= amount;
    }
  }

  // Getter function for the balance
  function balance(address who) constant returns (uint256 balance) {
    return balances[who];
  }
}
```

Automatically generate and write smart contracts

# DDO independent expansion technology

DDO Chain can seamlessly connect various developer ecosystems. Developers do not need to learn new languages. They can use mainstream programming languages such as C#, GO, and Java to develop, debug, and compile smart contracts in a familiar IDE environment. , saving application development time and costs.

## AI large model

Self-developed 50 billion parameter financial model

## Computing power cluster

Ability to process massive amounts of data instantly and at high frequency

## Risk control engine

Instantly eliminate all potential security risks

## Machine learning

Helping the financial industry achieve intelligence

## Development tools

Provide the best development tools to developers

## Storage technology

Perfect implementation of decentralized storage technology

## Multi-chain operation

Compatible with more public chain cross-chain technologies

04

# Digital Options Economics

DDDO

# Introduction to digital options DDO

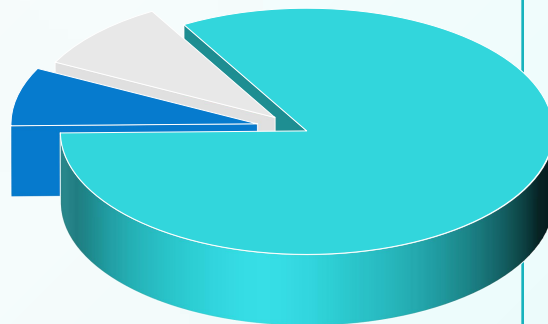
DDO digital option is the abbreviation of Ding Dao Option, which represents the digitization and value visualization of financial digital assets and digital options in the era of digital economy. DDO will be applied and consumed in more application scenarios in the entire ecosystem, and holding DDO will also have more economic and commercial value.

**Full name of the token:** Ding Dao Option **Abbreviation:** DDO

**Total issuance quantity:** 65,000,000,000 tokens, will never be issued additionally

## Distribution ratio

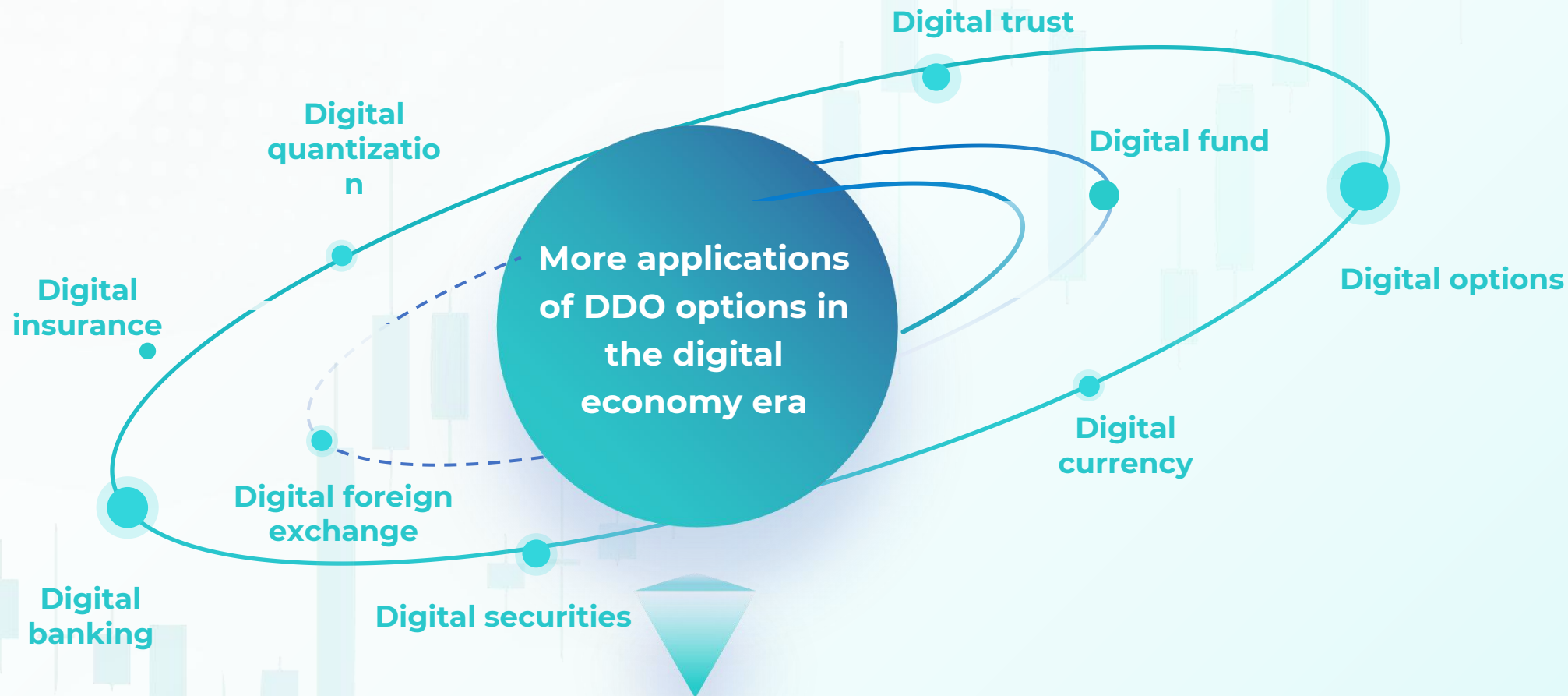
- Asset anchoring and asset translation: 54 billion
- Conditional reward release: 5 billion
- Mining machine mining output: 6 billion (completed in 167 years)



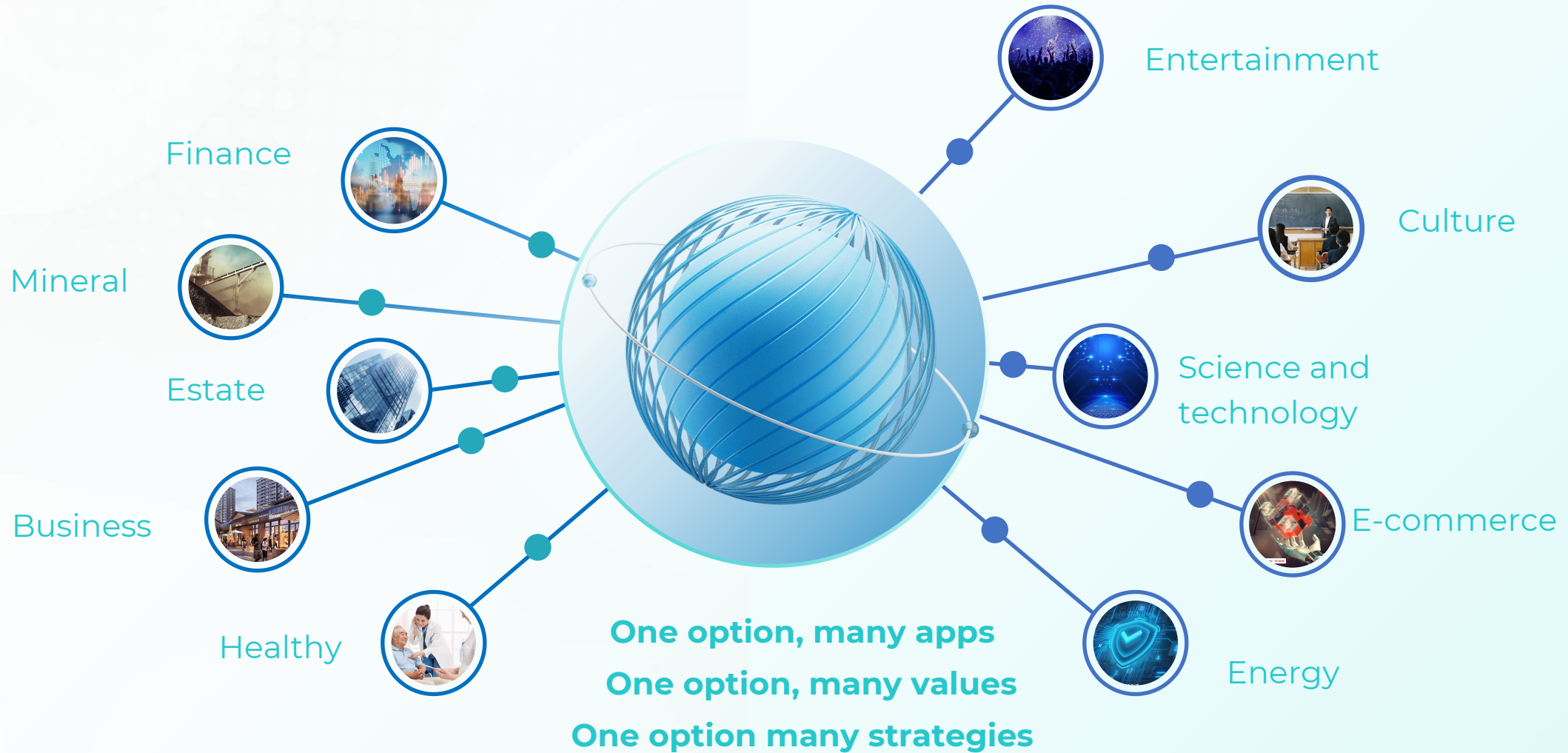
## Deflation model

- 01 Production cycle:** The production cycle of the mining machine is 167 years, and the market circulation is very small.
- 02 Deflation mechanism:** The mining output rate of mining machines gradually decreases, and less and less circulation is released.
- 03 Destruction mechanism:** The platform and ecological business will use the proceeds of each project to repurchase DDO and destroy it to ensure that the market circulation is getting smaller and smaller.

# DDO application ecology



# DDO digital options application ecology



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# Technology roadmap

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# Technology development roadmap

## 2022

- Complete the infrastructure development of DDO Chain, including the design and deployment of the basic smart contract platform and initial consensus mechanism.
- Implement multi-layer security strategies to ensure the network's ability to resist attacks.

## 2023

- Develop cross-chain bridges with other major public chains to achieve seamless circulation of assets and data.
- Introduce a more efficient and environmentally friendly consensus mechanism to improve network throughput and reduce transaction costs.
- Application chain release will release multiple application chains in the form of side chains to support the vigorous development of the DDO Chain application ecosystem. This high-performance public chain will shorten the block generation time to less than 1 second, and the maximum scalability of each block is 100MB, which is enough to support the development of our ecosystem. Various applications requiring high performance.
- Release the SDK (Software Development Kit) of the application chain to facilitate the development of Dapps in the DDO Chain ecosystem. The SDK will provide the tools, development libraries and documentation needed to build a public chain platform, and provide good support for mainstream programming languages.
- Develop blockchain infrastructure that is deeply integrated with artificial intelligence. Artificial intelligence and machine learning are seamlessly integrated into the blockchain infrastructure at the highest standards. Establish an AI-based smart service and tool market to showcase AIGPT-based DApp and service examples.

# Technology development roadmap

## 2024

- The mainnet was officially released. In order to ensure the security and scalability of the mainnet, the team conducted rigorous stress testing and security audits to eliminate any potential vulnerabilities. At the same time, the main network is constantly recruiting verification nodes to participate in the consensus, aiming to build a strong main network ecosystem and a strong user community.
- The IPFS storage chain is online. In addition to providing basic storage services, it will also act as the custodian of randomly generated private data in the future, storing data in a truly decentralized manner.
- Smart contract optimization, launching more advanced smart contract development tools and standards, lowering the development threshold and attracting more developers to join.
- Decentralized identity (DID) and data storage solutions provide decentralized identity verification and data storage functions to enhance user privacy protection.

## 2025

- Comprehensively integrate artificial intelligence (AI) services, integrate AI services in smart contracts and DApps, and develop functions such as smart contract auditing and market forecasting.
- Build Layer-2 based on ZK (zero knowledge) proof, directly built on DDO Chain, based on secure multi-party computation (MPC) encryption technology to ensure the perfect balance of security, decentralization and efficiency of the first-layer public chain.

# Application ecological development

Digital options  
issuance and  
trading

Financial  
insurance services

Supply chain  
financial services

NFT auction  
section

GameFi section

Internet of Things  
(IoT) Integration

SocialFiSocial

Stablecoin/Lending  
Platform



# DDO Chain

DDO Chain WEB3.0 Ecological Value Exchange Intelligent Public Chain



[https://twitter.com/DDO\\_Chain](https://twitter.com/DDO_Chain)



Group: [https://t.me/DDO\\_chain](https://t.me/DDO_chain)

Channel: [https://t.me/DDO\\_Chaininfo](https://t.me/DDO_Chaininfo)



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