

AI Prediction Platform



AI Bitcoin Pick

ABP PROJECT

WHITE PAPER

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Part 01

Preview



1-1 Preview

Artificial Intelligence (AI) became widely known in the world as a powerhouse of Lee Se-dol 9dan and AlphaGo, and brought a great direction, and then began to be used in various fields around the world. It is actively used in the fields of life science and education research, including services and insurance related to finance, and is used not only in various industries including information, defense, manufacturing, energy, transportation, and healthcare, but also in retail, communication, media, entertainment, and sports. It is widely used in the field of life.

From controlling 'Alexa' or 'Siri' with a smartphone to operating advanced technologies in IT companies... The convenience provided by AI is now a necessity for humans. As the number of companies rushing to adopt AI technology is increasing, the market size will increase to 126 billion dollars (about 149 trillion 2470 billion won) by 2025.

The same goes for distributed ledger technology and virtual currency. Virtual currency using AI is aiming to compete with financial currency at a rapid pace. In recent years, various approaches have been attempted to predict the price of cryptocurrency, and in particular, it varies from attempts to apply stock price prediction techniques in the traditional stock market to attempts to apply deep learning and reinforcement learning. However, the cryptocurrency market is a market with several new features that are not present in the existing stock market, and the demand for new analysis technologies suitable for the cryptocurrency market is increasing as well as the traditional stock market analysis technology.

Due to the nature of the cryptocurrency market, trading is conducted 24 hours a day, 365 days a year, there is no limit to price fluctuations, and the market price may change rapidly depending on various issues that are difficult to predict, such as the discovery of regulations or technical defects in each country. For these reasons, cryptocurrency investors continue to demand the following for safe and efficient transactions.

” Requirements

- 01 Can't we cope with the ever-changing cryptocurrency market in real time?
- 02 Are there any trading strategies that can consistently obtain stable profits?

Therefore, ABP (AI Bitcoin Pick) has built a prediction model that focuses on AI Prediction as a project that will take responsibility for the future, although it is a little unfamiliar yet, in which artificial intelligence and human judgment are combined in preparation for the changing market environment, and requires this data. It aims to provide a blockchain-based platform and additional services that connect companies to each other.



Part 02

Business Background



2-1 AI?

What is Artificial Intelligence (AI)? Many people expect artificial intelligence to be a perfect robot that behaves like a human. Therefore, we expect the ability to understand human words and to communicate like humans, and that is what artificial intelligence looks like. Perhaps it is defining artificial intelligence by imagining the appearance of a perfect robot from a science fiction movie. Indeed, it is necessary to check whether the artificial intelligence we have dreamed of in our imagination can be achieved, and what we must do before the perfect robot exists.



In the age of superintelligence by artificial intelligence, data will be a more powerful weapon, so its value is endless. Data must be collected and secured in terms of learning data of artificial intelligence, and processed into data that can be used for learning. And the pre-learning model that utilizes the re-learning and transfer learning characteristics of deep learning will become a new data economy. That is, the data economy in the era of superintelligence can be divided into collection, processing into learning data, and pre-learning models for transfer learning.

Google and Facebook collect all user behavioral data and provide super-intelligent advertising and product recommendation platforms. Healthcare and health diagnosis AI companies collect diagnostic data from various sensors or hospitals at a high cost and time. In order to apply the collected data to deep learning, which is a representative algorithm, there is an industrial area that processes data for learning through annotation such as masking or labeling.

The learned results based on deep learning are sold as artificial intelligence with visual and auditory recognition capabilities, and BERT, Google's pre-trained model for language recognition, enables rapid learning through additional training of secured language data. It is being derived from a data economy of extended concepts such as Google's cloud service for training possible and complex BERTs. As such, the super-intelligent society will provide endless opportunities for data economy in a fundamental and expanded form through the realization and rapid dissemination of artificial intelligence through technological advancement.

2-2 Market Status

Bitcoin, which appeared with the concept of blockchain after the global financial crisis in 2007, was presented as an alternative to new finance with the concept of decentralization. After that, a trading platform for trading Bitcoin, that is, cryptocurrency exchanges, appeared naturally, and various cryptocurrency exchanges and numerous types of cryptocurrencies appeared and occupied the market.

Compared to the stock market, the cryptocurrency market is just in its infancy and faces many opportunities and challenges to move forward. Therefore, we will have to find a successful strategy while moving quickly to this cryptocurrency market, which is a major opportunity to start the ABP (AI Bitcoin Pick) project.

Investors entering the cryptocurrency market want to make safe and efficient transactions. However, there are many cases of using an inefficient transaction environment due to the flow of the cryptocurrency market or structural characteristics. Below are the problems of the cryptocurrency trading environment from the perspective of investors.

Problems of the cryptocurrency trading environment



Information acquisition and
Limit analysis



Technical
Lack of analysis



24 hours a day, 365 days a year
An unstable market



majority
Exchange use

ABP(AI Bitcoin Pick) builds a prediction model focusing on AI Prediction, making it easy to access and use the Open Source Library environment, and connects accounts of each exchange to provide a service that allows you to use various exchanges on one platform. Will be provided.

2-3 Issue

After AlphaGo, Korea has also recognized the big changes that artificial intelligence will bring, and active attempts on research, introduction and use of artificial intelligence are being made. However, the level of understanding of mathematics and statistics related to machine learning and artificial intelligence accumulated in Korea is low, and the gap with advanced countries of artificial intelligence is widening as time goes by, as data acquisition and recognition of the importance of data for artificial intelligence development are still insufficient. to be.

Accordingly, ABP (AI Bitcoin Pick) intends to issue ABP Coin, the key currency that composes the AI Prediction-based platform and ecosystem, solve existing problems, and provide efficient services.



Information acquisition and **Limit analysis**

Since the official news of each cryptocurrency is uploaded first on the cryptocurrency official website and SNS, there is a time difference for investors to access the news. In addition, although information on news and market analysis is uploaded in various new cryptocurrency web services, it still tends to be concentrated or insufficient to satisfy investors.



Technical **Lack of analysis**

It is primarily a method of comparing and analyzing historical data using graphs of price and volume, and many investors spend a lot of time analyzing charts. For cryptocurrency investors who have to make relatively quick decisions, this chart analysis needs to be done and decided very quickly.



24 hours a day, 365 days a year **An unstable market**

The virtual currency exchange does not have a central exchange controlled by the state, and there is no break for a day, 24 hours a day, 365 days a year. Since there is no upper or lower limit, investors can't keep an eye on the price fluctuations of virtual currency exchanges.

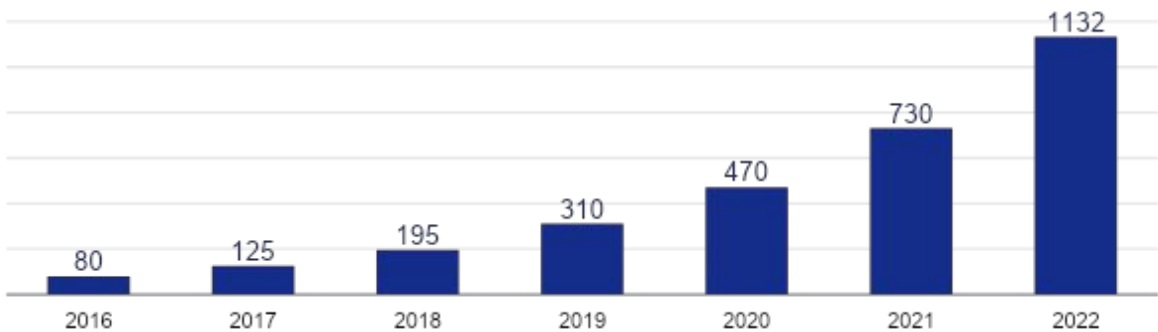


majority **Exchange use**

Most investors have different prices of cryptocurrencies from exchange to exchange, and when trading cryptocurrencies they want to invest in, they have to bear the inconvenience of having to look at multiple exchanges.

2-4 Market Analysis

Global artificial intelligence (AI) market size



Global blockchain technology market size

Global AI market size (2016-2022, unit: billion dollars)
Source: Gartner, IDC

01

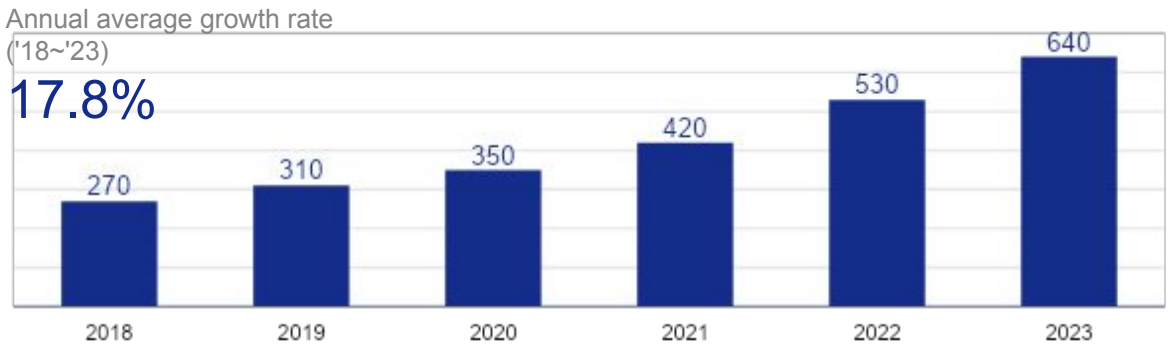
The main topic of this year's annual Google Developers Conference is artificial intelligence (AI). In a keynote address titled "AI for All," Google's chief executive announced that he would focus on investing in AI technology. "The mainstream form of computers has changed from personal computers (PCs) to the web and smartphones every 10 years," he said. "What is clear now is that we are moving from 'mobile first' to 'AI first'."

02

According to market research firm IDC, the global AI market is expected to grow at an annual average of 55.1% from 2016 to 2020, and the market size will increase from 8 billion in 2016 (about 9 trillion won) to 47 billion dollars in 2020 due to the wide introduction of various industries. It is expected to reach (about KRW 53 trillion).

2-4 Market Analysis

Forecast of the domestic artificial intelligence (AI) market



Forecast of the domestic artificial intelligence market

Domestic AI market size (2018-2023, unit: billions)
Source: IDC, National Information Society Agency (NIA)

01

The National Information Society Agency (NIA) selected the information industry technology issues and 9 trends in 2020. Artificial intelligence (AI) was selected as the core technology that will lead the next 10 years. It is predicted that the next 10 years will be the prelude to the AI era.

02

In a recent research report published by Korea's IDC, 'Domestic Artificial Intelligence 2019-2023 Market Forecast', the domestic artificial intelligence (AI) market will grow by 17.8% annually over the next five years, forming a scale of over 640 billion won in 2023.

03

According to the report, artificial intelligence is gaining popularity across the industry as the most critical technology initiative to change the future. In addition, he emphasized that the introduction of artificial intelligence technology can create powerful effects not only for simple work efficiency, but also for discovering data insights of complex phenomena that are difficult for humans to solve, and being utilized for immediate business decision-making and future predictions and recommendations.

Part 03

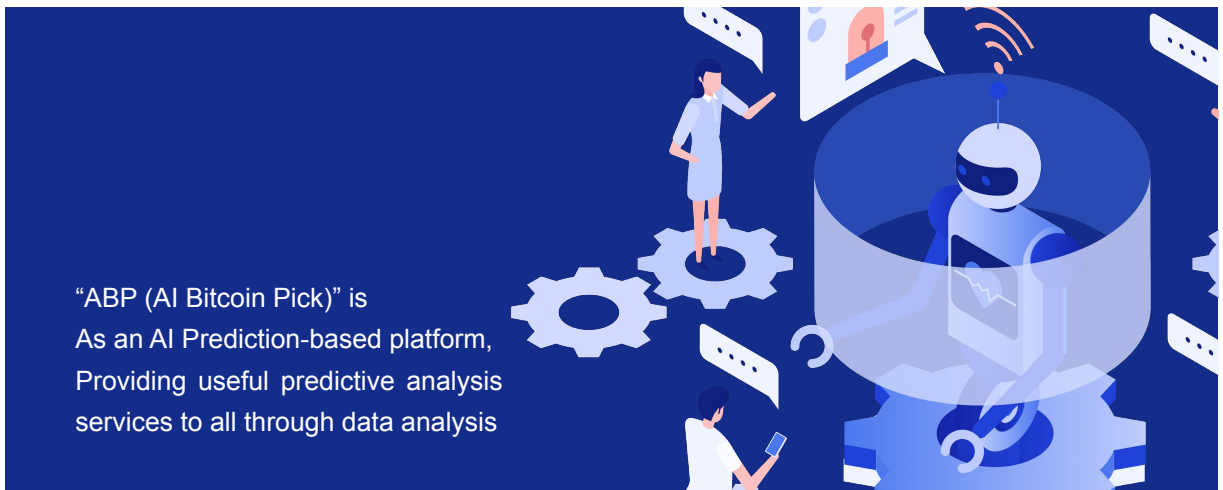
Business



3-1 ABP (AI Bitcoin Pick)?



AI Bitcoin Pick



01
AI Prediction Platform

02
AI Prediction Signal Service

03
AI Trading Bot Service

04
AI Asset Management Platform



3-2 ABP Vision & Mission

| Our Vision

Create a Healthy Investing Culture

| Our Mission

We believe everyone deserves a chance to make better investment decisions. Because people often lack the discipline to follow the market, they end up investing out of a hunch or hiring expensive advisors. ABP is here to change that. Our mission is to provide everyone with a service that's both affordable and informative.

| Our Dream

We have a dream of creating a safe and sound investment culture, so that everyone can easily understand and use the asset management service that a few have enjoyed. We want to help you invest for the present and future based on ABP's technology (AI Deep Learning) so that people around the world can properly manage assets for the world

3-3 Business Introduction

Currently, AI technology is a high value-added industry that can continuously grow, and in fact, revenue is generated through numerous examples. ABP (AI Bitcoin Pick) aims to solve the shortcomings of the existing market and provide various services by combining blockchain and artificial intelligence.



Over the past decade, the rapid development of the cryptocurrency economy has opened up numerous opportunities for opportunities, providing an efficient and creative alternative to the existing economic system.

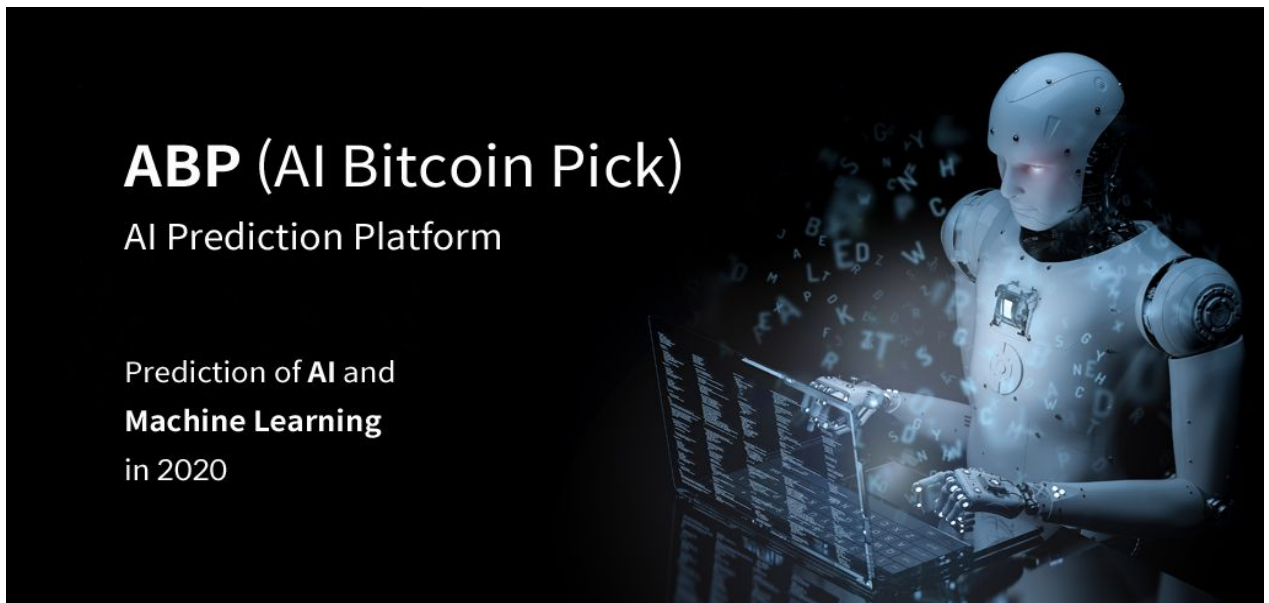
The size of the cryptocurrency market, viewed at the level of capitalization and trading volume, continues to increase without signs of slowdown, and even when faced with obstacles preventing the market from developing, we are immediately finding ways to overcome them. The reason is that it is in the spotlight as a new market, and it is based on the fact that the cryptocurrency community is highly diversified in terms of technology and ideas.

Despite this rapid growth, the cryptocurrency market is still not efficient. The valuation of the market shows a significant level of volatility, which may be due to the lack of knowledge and methods for the correct valuation of value.

Accordingly, ABP believes that if the crypto market is stabilized and made more efficient through the implementation of accurate AI predictions, more investors can benefit from each other.



3-4 Business Detail



AI Prediction Platform

- A unique prediction platform that combines AI and blockchain technology
- Provides services to easily access and use the Open Source Library environment

'How will the cryptocurrency market price change?'

'Can you accurately predict the price of cryptocurrency?'

Machine learning, an area of artificial intelligence, uses computer algorithms combined with data input to predict cryptocurrency prices. Considering the way these systems learn past data or prediction results, Machine Learning Service is expected to develop further in the future.

3-4 Business Detail

It is a fact that everyone knows that cryptocurrency prices are intentionally inflated or manipulated by rumors, news, speculation, etc. by forces rather than normal supply and demand. We have been collecting data for a long time to create an artificial intelligence that can synthesize these elements. Accordingly, it is possible to predict the value of cryptocurrency with excellent accuracy based on high identification ability.



We analyzed more than 400 metrics, included them in the framework, and entered them into the platform's neural network to ensure maximum accuracy. A special pretreatment mechanism determines the indicator at the highest level according to the overall market situation at a specific point. This approach frees AI from emotional factors that can lead to misinformation and creates high flexibility and independence from the market environment.

The cryptocurrency market seems to be self-regulating, but it is still not enough to judge the results without additional information. Even a highly expert, it takes a lot of time and a high level of expertise to properly analyze vast amounts of information by people. When most people start reading blogs and news about cryptocurrencies, they only check the information they want to see.

We monitor and collect data, analyze the data using specific neural networks, and perform a thorough classification of coins, exchanges, regulations and other categories that may affect cryptocurrency prices. The exaggerated element is reduced in this way and transformed into a predictable element with the negative or other emotions it produces. Using neural networks implemented on our platform, we can create data that can be interpreted by people without the technical knowledge or expertise necessary to predict key market trends. This includes the actions of large investors on certain assets, such as moving large amounts of tokens from exchanges to wallets.

3-4 Business Detail



ABP (AI Bitcoin Pick)
AI Trading Bot Service

Analyzing prices, trends, volume, etc.
Buy and sell automatically

◆ AI Trading Bot Service

- Provides a service that enables users to profit by automatically trading cryptocurrency at the correct timing

Algorithm trading analyzes the price, trend, and volume of an asset, so that a computer program can automatically buy and sell. Algorithm trading thoroughly excludes human emotions and trades only based on data and principles, so you can expect quick investment decisions, stable returns, and improved market liquidity.

In ABP, investors can purchase a trading bot that performs an algorithm optimized for the cryptocurrency market through ABP Coin and generate profits through the automatic trading bot. Furthermore, it plans to enhance the trading algorithm or engage a real professional trader team as an asset manager to entrust cryptocurrency management.

ABP provides purchase information to investors through the expected rate of return of the algorithm, and the developer continuously modifies the algorithm based on the data to increase the hit rate. Naturally, the more users there are, the higher the data accuracy, and in this part, ABP can integrate multiple exchanges to encompass a large number of users, so it can be expected to provide a relatively higher return than other algorithmic trading bots.

Trend Following Strategy

Counter-Trend Strategy



3-4 Business Detail

Algorithm bots operate actively according to the market trend based on the following major trading strategies.

The trend-following strategy assumes that the stock price will continue to move in the same direction as the current trend. Such strategies often include profit and loss criteria to fix profits or avoid large losses in the event of a trend reversal.

Trend-following strategies are used by short-, mid- and long-term investors. Investors use both price movements and other technical tools to determine the direction of the trend and when it will change. Investors using trend-following strategies look at price movements on the chart. . Investors want to see the price move above the previous high price for an uptrend, and expect it to remain above the previous low when the price falls.



A. Trend Following Strategy The trend following strategy is a strategy to establish a position in the same direction as the trend, expecting that the trend formed in the mid to long term will continue in the future. The trend-following strategy uses technical indicators such as Moving Average Line, Moving Average Convergence and Divergence (MACD), and Relative Strength Index (RSI). A typical trend tracking strategy is the crossing of moving average lines.

B. Counter-Trend Strategy Counter-Trend Strategy is a strategy that expects prices to move against a trend in the short-term or medium-term, and establishes a position in the opposite direction from the previous short trend. The reverse trend strategy uses the price range formed by the stock price over a period of time to determine overheating or stagnation.

Here, a certain period is usually a short period, and Scalping is the majority of the trading method, and in the reverse trend strategy, the low or high price contained in the candle is used, and technical indicators such as RSI, Stochastic Oscillator, separation degree, and Bollinger Band are also used. do.

3-4 Business Detail



◆ AI Asset Management Platform

- It provides a function to check the user's trading history and asset balance, analyzes the rate of return, and provides the status of asset holdings by exchange as visualized data.

Through this function, users can check the asset status for each exchange and determine which exchange it is advantageous to trade their assets on by receiving the fees for each exchange as visual data.

In addition, it is provided with a portfolio composition recommendation function and a risk management function tailored to the status of one's own assets to check the effectiveness of investment strategies and check the status and information of the trading bots being used.

Asset Management

Staking

Custody



3-4 Business Detail

A

Asset management service

ABP's asset management service is a service that supports the management of an investment portfolio composed of various assets according to the market conditions according to the investment tendency and investment strategy of cryptocurrency investors.

Investors can receive basic portfolio proposals through artificial intelligence (AI) and big data analysis that apply their own algorithms, and share trading strategies of cryptocurrency experts and professional traders.

C

Custody service

ABP's Custody Service is a service that stores and manages investors' digital assets on their behalf. We plan to entrust cryptocurrency management by participating in an actual professional trader team as an asset manager, and we intend to proceed with a reliable custody contract using a blockchain smart contract.

ABP and professional traders make bigger profits by operating the entrusted cryptocurrency, and investors can only pay a certain portion of the profits to professional traders and receive profits without having any specialized knowledge or trend information.

B

Staking service

ABP's staking service is similar to that of ordinary banks' interest deposit services. Just like depositing money in a bank account and receiving interest, users can use ABP's asset management service and custodial service by depositing cryptocurrencies such as ABP Coin in the ABP staking wallet.

We plan to provide a step-by-step service according to the minimum deposit quantity, deposit period, and yield, and we plan to launch staking products for various cryptocurrencies. Furthermore, we will launch staking services not only for ABP but also for virtual assets that have partnered with ABP to build an ecosystem between them.

3-4 Business Detail



◆ AI Prediction Signal Service

- The cryptocurrency market has very high price fluctuations, constantly changing 24 hours a day.
- You can receive notifications according to market changes, and smart notifications include a total of three functions, so you can easily set an alarm that suits your trading tendency.

A. Price Notification

Price changes can be tracked through easy setup. This feature is very useful for traders waiting for an opportunity to open/close their positions when a certain price is reached.

B. Trend change

With the trend change notification function, you can set an alarm to track trend changes based on a moving average line (MA) or an exponential moving average line (EMA). This feature is useful for traders waiting for an overall trend change in the market, and the moving average line allows you to track trends relatively accurately.

C. Sudden price change

When the market price reaches the highest and lowest points and an inflection point occurs, you can receive a notification through the price sudden change notification function. This feature helps traders seize opportunities for short-term price fluctuations when they are looking for an inflection point in the market.

3-5 Other R&D

Cryptocurrency-related research is a young field, but since cryptocurrency itself is a relatively new economic trend, it has the advantage of being able to use all economic studies that have been used before. Through this, it is possible to easily apply existing methods and develop new methods that fit the reality of the cryptocurrency market.

The ABP Foundation believes in the power of diversification and sound competition, and is researching a prediction platform that can continuously evolve while providing a variety of services to solve market stability issues together.

A. Exchange equation

$$M * V = P * Q$$

Money Supply Circulation per year	=	Price per Unit Quantity Produced
DEMAND SIDE		SUPPLY SIDE

Fisher's exchange equation is one of the major economic laws used to explore the relationship between price levels and money supply. Because of its popularity, it is not surprising that this law has been adopted in the cryptocurrency framework to better understand the value of cryptocurrency assets, tokens and coins.

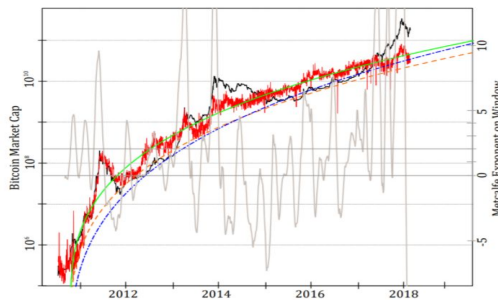
According to this method, the price of cryptocurrency depends on the speed at which money is used to buy and sell things. The higher the speed, the lower the price, and it has a positive effect on the price with the belief that BTC will be saved. This theory is supported by data showing recent declines in BTC rates and rising prices, which were further reinforced by experimental tests by Ciaian, Rajcaniova and Kancs in 2015.

The exchange equation raised the weight of criticism as Evans and Loklin published articles in 2018 and 2019, respectively. Evans criticizes the fact that speed is treated as a factor outside the model, and instead suggests treating speed as one inside the model.

The exchange equation is still one of the most popular theoretical frameworks used for token and cryptocurrency pricing. As economists continue to accumulate more data for better results, the effectiveness of this method also increases, making predictions more accurate.

3-5 Other R&D

B. Metcalfe's Law



Metcalfe's Law regulates the value of telecommunications networks and generally does not apply to financial institutions such as currencies. However, due to the nature of cryptocurrency, you can use this method to evaluate the price. According to Metcalfe's law, the value of a network is proportional to the number of users, and more users provide higher value.

This law, which applies to cryptocurrencies, works almost similarly by evaluating the cryptocurrency price as the square of the zero-balanced address, and using this method, Alavi conducted tests on Bitcoin, Ethereum and Dash in 2017. It can predict the price.

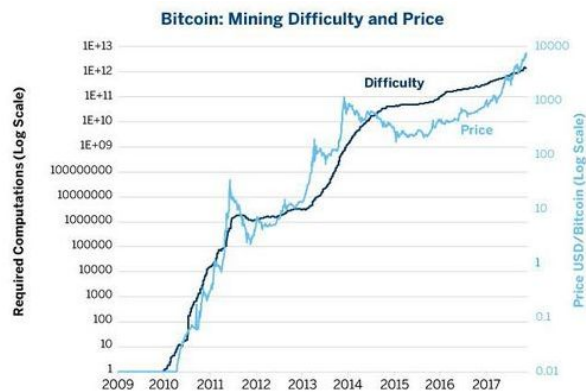
C. Price Regression Model



The price regression model is a method of verifying the value of a cryptocurrency asset by regressing it from another variable. Time is usually used, and the main advantage of this method is that it can predict the future more than the predictions made with the previous method. It's an easy way to use because you don't need to do complicated calculations.

3-5 Other R&D

D. Production cost model



The cost of production is part of a study aimed at estimating the cost of mining to predict the price of cryptocurrency assets. It is a rather simple approach based on Adam Smith's theory of natural prices, and has two prices: the natural price equal to the price of production and the market price, the price at which the asset is sold. To this end, Satoshi Nakamoto expanded the exchange rate of bitcoin further by using a model for the amount of electricity consumed for mining.

Using such a model, we can now understand the economics of mining, and through this, we can detect the bubble of cryptocurrency.

E. Cryptocurrency Bubble

The creation of the financial bubble is rooted in speculator psychology. Using cryptocurrency makes it much easier to create a new bubble as it is not fixed in the existing valuation method. Bitcoin's history is relatively short, but bubbles and crashes occurred in several cycles.

Thus, identification of such bubbles becomes one of the major priorities in cryptocurrency price prediction and analysis.

Most of these models relate to the generalization of Mankiw's law, and four have been found and tested to prove the effectiveness of this method so far, using its deviation to detect the presence of bubbles. As other methods are developed and improved, and as more data is collected, so does the efficiency, enabling early detection and avoidance of cryptocurrency bubbles.

3-6 Prediction X Blockchain

Many people don't know yet, but the 'prediction market' is right before your eyes. Predicting the future is often regarded as a mysterious realm. However, what many overlook is that they tend to try to predict from day to day without realizing it. For example, when investing in a company's stock, you predict the future from your own perspective.

It makes predictions about the rise and fall of the stock price, and if the prediction is socially appreciated, many repeat the prediction as it is. Eventually, these forecasts will affect the company's stock price, and forecasts are likely to come true. Currently, there are systems that help various industries make their predictions. It is the 'prediction market'.

One of the reasons people do not recognize the 'prediction market' is the 'centralization problem' that exists in the existing system. The problem of centralization is the biggest obstacle in the market. Lin Xiaohong analyzed how a country would create its own forecast market. However, even a single country can be a competitor in many factors, resulting in higher market prices, increased disruption, increased risk, and so on. Market centralization eventually allows hackers to break into the system and manipulate the results. ABP's research will enable the forecasting market to be more efficient.



Part 04

ABP Token Information



4-1 ABP Token Summary

- The ABP Foundation issues ABP Token to ensure the value of the ABP Platform and Service and to create continuous value.
- All services of the Platform are used as ABP Token, and various benefits are provided for using ABP Token.
- ABP Token is operated on the Giant Mammoth Chain network.
- The basic information of ABP Token is as follows.

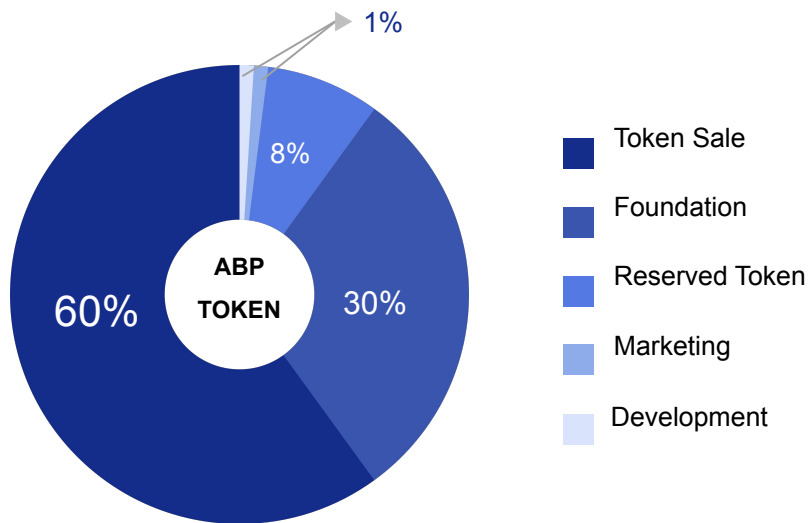
Division	Contents
NAME	ABP (AI Bitcoin Pick)
TICKER	ABP
TYPE	GIANT MAMMOTH CHAIN
TOTAL TOKEN SUPPLY	2,000,000,000

❖ Token issuance schedules and rates may change depending on conditions.



4-2 ABP Token Distribution

- The distribution plan of ABP Token is as follows.



Division	Contents
Token Sale	1,200,000,000 (60%)
Foundation	600,000,000 (30%)
Reserved Token	160,000,000 (8%)
Marketing	20,000,000 (1%)
Development	20,000,000 (1%)
TOTAL	2,000,000,000(100%)

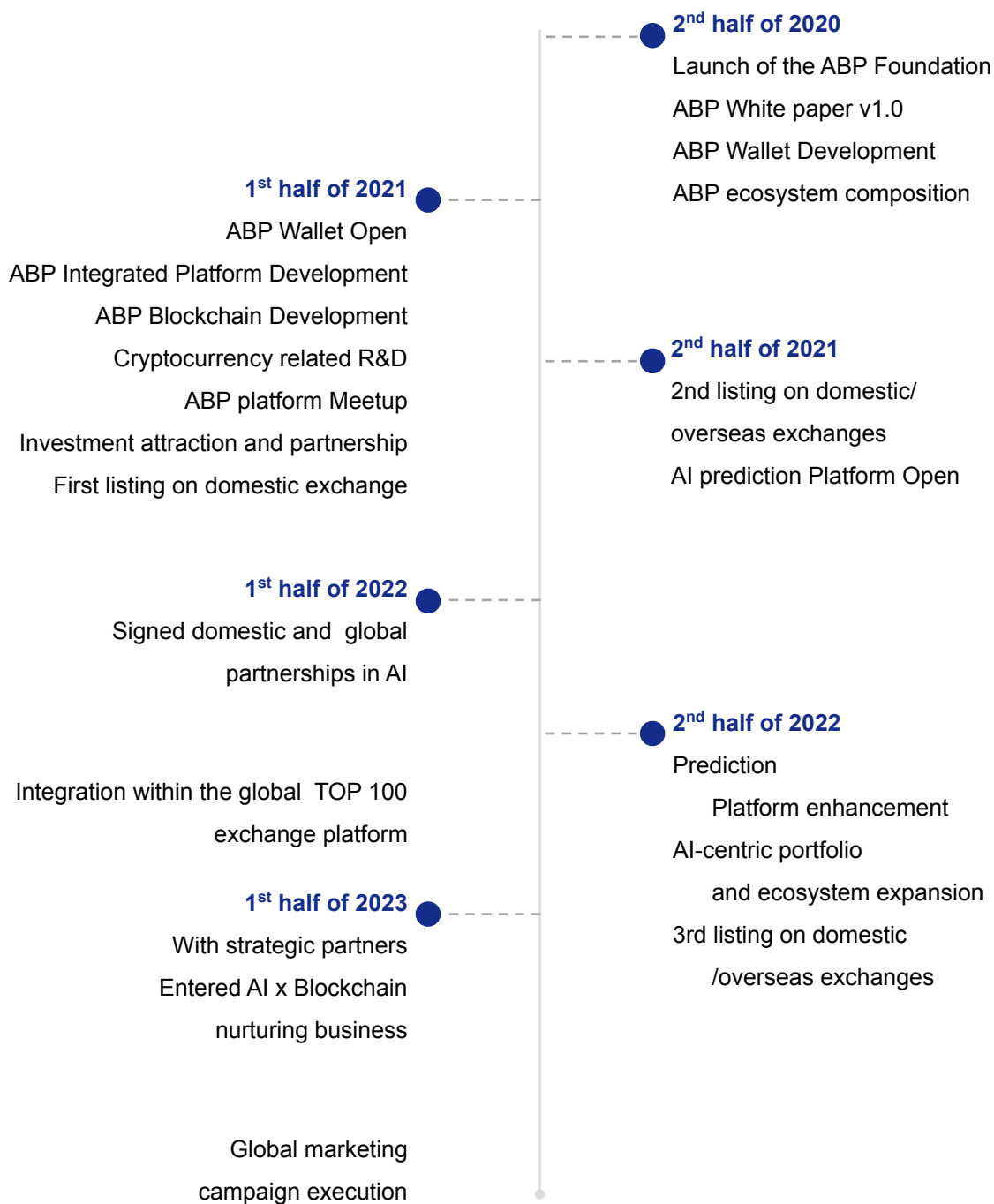
- The sales volume of ABP Token is 60% of the total issuance, and the project team is designed to minimize the possibility of directly affecting the market and establish a fair infrastructure.
- The rest will be used as a reserve for timely procurement of ABPs necessary for creating the ecosystem, and will be used for various activities that use ABP as a medium such as rewards, development, participation compensation, partnership, investment, marketing, and reserve.



Part 05

Road map





※ The above roadmap is subject to change according to development progress and market conditions.



Part 06

Disclaimer



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01

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03

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- (2) Errors or omissions in the white paper;
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- (2) losses incurred during business transactions, business activities, and activities related to operating profits;
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- (5) wasted or lost administrative time;
- (6) Indirect or consequential damages cannot be compensated even if prior warning has been given or the damage is predictable.

04

This white paper informs you that there is no guarantee for the accuracy or reality of certain statements that are planned for the future. These forward-looking statements and informed decisions can result in damage to tangible and intangible assets. Also, we inform you that any financial information contained in this white paper has not been audited.



05

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06

Please be advised that information on areas such as law, tax, regulation, finance, and accounting in this white paper is not advice. The purchase of ABP Token may result in material losses to buyers, including the physical assets paid for the purchase of ABP Token. Prior to purchasing ABP Token, buyers are encouraged to consult with experts in tax, regulatory, finance, legal, etc. about the potential risks, revenues, and consequences of trading ABP Token.

07

The ABP Foundation refers to or uses this white paper for all forms of monetary damage, liabilities, direct or indirect accidents, depreciation of intangible assets, income, sales, capital reduction, debt and other damages for the results of decision-making actions. We are not responsible for any responsibilities. All ABP Token buyers are deemed to have acknowledged and agreed to purchase ABP Token as-is, without any warranty of any form.

08

ABP Token purchasers may incur other issues such as income tax that may occur in the acquisition and disposal of ABP Tokens within their legal jurisdiction, and the ABP Token purchaser is solely responsible for taxation.

09

Publication and distribution of this white paper is prohibited in countries where the publication and distribution of white paper is prohibited. The information in this white paper has not been verified or authorized by any regulatory agency, and any actions contrary to the law have no effect on the ABP Foundation. We do not guarantee that the publication and distribution of this white paper complies with all regulations of the country in which it was issued.

10

The official data for the ABP Platform project is this white paper, written in Korean. This white paper may be translated into other languages, and may be used for oral or written communication with prospective and existing purchasers. Some information may be misinterpreted, misinterpreted or lost during this process. Therefore, please be aware that we cannot guarantee the accuracy of these alternative communications. In the event of such inaccurate communication, the information in this official white paper written in Korean takes precedence.



Part 07

Legal notice



01

ABP Token is a crypto utility token controlled by the ABP Foundation. ABP Token, designed to increase the activity within the platform and promote interaction of the members of the platform ecosystem, is a token used only on the platform to use the functions and options of the platform. Only ABP Token holders can use the Platform without restrictions.

02

Within any legal jurisdiction, ABP Token is not a collateral or financial medium, and likewise, it is not an open-to-business fundraising. If you believe that ABP Token can serve as a collateral or financial instrument within a country's legal system, we recommend that you do not purchase ABP Token and consult with the ABP Foundation or an expert about the potential risk first.

03

ABP Token is not a share or stock of the Foundation. Holding the ABP Token does not allow you to exercise your rights to the company's internal management activities such as dividends, profits, and the board of directors. Also, ABP Token does not give holders any ownership rights to the Foundation.

04

ABP Token is not an electronic money or electronic payment service. ABP Token can only be used inside the platform and does not always have the same exchange value as the issued value. Also, within the project, ABP Token is not exchanged for other currencies.

05

ABP Token does not correspond to loans, bonds and debts of the ABP Foundation.

06

ABP Token is non-refundable. The Foundation is not obligated to refund ABP Token holders for any reason, including money. There is no promise for the future value or utility of ABP Token, and we are not obligated to guarantee ABP Tokens outside the platform.

07

Citizens, permanent residents, or residents of countries where token sales are restricted (tax or other payment obligations) cannot purchase ABP Token. If a citizen of the above prohibited countries purchases ABP Token, the buyer is responsible for all legal responsibility. ABP Token buyers are advised to seek independent legal advice regarding compliance with applicable laws of jurisdiction before purchasing Tokens. Originals and copies of this white paper or any part of this white paper must not be received or transmitted in countries where the distribution or dissemination of such information is prohibited or restricted.



Part 08

Investment risk



The ABP Foundation is notifying buyers of various types of risks, including the risk of losing a significant amount of the ABP Token purchase price. Therefore, when purchasing ABP Token, you should fully understand the risks involved in purchasing these virtual currencies. The accuracy of any risk or uncertainty information presented below is not guaranteed. Prior to purchasing ABP Token, buyers are encouraged to consult with experts in tax, regulation, finance, and law regarding the potential risks, profits, and consequences of token trading. If you are considering purchasing ABP Token, please read the information on the risk below and purchase ABP Token.

Buyers are deemed to be clearly aware of the following risks as the buying and selling of ABP Tokens:

01
Blockchain Risk: Due to the congestion of the blockchain system, transactions may be processed late or transactions may be invalidated. In particular, on the Ethereum blockchain, users' transactions may be canceled or delayed.

02
Personal Information Risk: User's personal information is necessary for distribution and control of ABP Token in the electronic wallet of ABP Token buyers. Therefore, if personal information is leaked, the ABP Token in the purchaser's electronic wallet may be leaked. Furthermore, due to the leakage of the buyer's personal information, a third party may steal the ABP Token by reading the buyer's electronic wallet.

03
Ethereum risk: The smart contract responsible for the issuance and distribution of ABP Tokens is based on a technology called Ethereum blockchain. Blockchain systems are still in the early stages of development and have not been sufficiently verified. It is not guaranteed that there will be no errors in the ABP Token development process. The Ethereum protocol may have weaknesses and vulnerabilities, and various bugs may occur, including a bug in which ABP Token is lost. In addition, material damage to the Foundation and ABP Token buyers may occur due to these Ethereum blockchain problems.

04
Security Risk: Like all other cryptocurrencies, Ethereum is vulnerable to mining attacks such as 'double payment attack' or '51% attack'. Hackers or other groups with malicious intent can attack the Foundation or ABP Token with the above attack method, and if such a block chain attack is successful, it can seriously damage ABP Token transaction and ABP Token.

05
E-wallet compatibility risk: In order to purchase or store ABP Token, you must use an electronic wallet that is technically compatible with ABP Token. If you use another wallet, you may not be able to access and view the purchased ABP Token.



06
Token transaction risk: ABP Token is designed to be used only on the AI Bitcoin Pick Platform and is not optimized for secondary token trading platforms or external use. Also, ABP Token is not recognized as a spot, and ABP Token has a great risk that its value may fall to zero.

07
Non-current asset risk: ABP Token may have no value within the AI Bitcoin Pick Platform, and there is no guarantee for the liquidity of ABP Token. Please note that the ABP Foundation does not take any responsibility for the market value, transferability, liquidity, and value of ABP Tokens within external organizations or platforms.

08
Risk of uninsured loss: Unlike bank accounts or institutional financial institutions, ABP Token and blockchain system are not insured. Please note that at present, there is no insurance company that compensates for the loss of users' ABP Token and losses due to the decline in ABP Token value.

09
Market competition risk: The ABP Foundation believes that other similar types of platforms and applications, and unauthorized open source code or open source protocols may adversely affect the ABP Foundation or the ABP Token.

10
User Risk: Even if the AI Bitcoin Pick Platform is completed and released, there is a possibility that the AI Bitcoin Pick Platform is not used by many users or only a small number of users. Lack of interest in these markets can affect the potential value of the foundation and project.

11
Development and Maintenance Risks: The AI Bitcoin Pick Platform is still under development and can change significantly over time. The Foundation will endeavor to develop and maintain the Platform as it is written in the white paper, but changes may occur in the details of the ABP Token and AI Bitcoin Pick Platform for various reasons such as legal reasons, design, technology, and regulations. Please note that the above changes may differ from the expectations of ABP Token buyers or prospective buyers.

12
Risk of project failure: All contents written in this white paper have not been verified for a long time. The AI Bitcoin Pick Platform project may not be completed and implemented due to reasons such as lack of public interest, failure to raise funds, lack of commercial value, and leakage of key personnel. In the above cases, the AI Bitcoin Pick Platform project may be disrupted without a refund of the ABP Token.



13
Risk of uncertainty in the regulatory frame: Regulations for virtual currency and blockchain technology have not yet been established in many countries, and the prediction of future regulations is also very difficult. These regulations may be negatively established and act on the AI Bitcoin Pick Platform in the future. In such a case, the Foundation may suspend the development of the Platform and may suspend services under the government that legally or commercially prohibit such activities.

14
Licensing and Permission Risk: Although there are currently no legal requirements, such as that the Foundation must obtain a license and authorization for the sale of ABP Token, there is a possibility that such regulations will occur in the future. However, even if these regulations arise, the Foundation will operate the project in accordance with such license and accreditation conditions. However, the Foundation may suspend the sale of ABP Tokens and suspend the project if it determines that changes to the applicable laws and regulations are not possible within the proper time and budget.

15
Tax Risk: The taxation system for virtual currency is still unclear. ABP Token buyers must search for the taxation system for the acquisition, disposal, holding, and use of ABP Token within their nationality, place of residence, or country of residence, which may have adverse consequences for ABP Token buyers.

16
Other Unexpected Risks: Virtual currency (Token) including ABP Token is a new technology that has not been sufficiently verified. In addition to the risks listed above, many unpredictable risks can be brought about by purchasing, holding, and using ABP Token. These unexpected risks, or the risks listed above, may appear suddenly and without notice.

AI Prediction Platform



AI Bitcoin Pick

Thank you