

WHITEPAPER 1.0

BASALT

THE MONETIZATION OF INTELLECTUAL
PROPERTY IN GREEN TECH AND WEB 3.0

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BASALT COIN TEAM

REFERENCE

TERMS AND DEFINITIONS

ACCELERATOR

An innovation project support program based on mentoring that provides mentoring services, team training, and limited financing usually in exchange for participation in the capital of the project company.

BLOCKCHAIN

Blockchain technology is a decentralized digital ledger system that stores transaction data. This transactional information is stored in chains of data blocks ("blockchain"). Participants in the network - computer devices (special server devices, personal computers, mobile phones, etc.) - exchange this information using complex cryptographic algorithms that ensure data security and protection against hacking.

CROWDFUNDING

The process of collective fundraising in small amounts from a large number of investors for the purpose of financing various projects (commercial or non-commercial) or existing businesses. Crowdfunding is usually carried out on online platforms to maximize investment accessibility for retail investors. Thanks to crowdfunding, investors can access and diversify risks, investments, and the amount of funds raised. The main forms of crowdfunding are crowdfunding (collective loans to finance a project), crowdfunding (collective investment in a project company through the purchase of its securities), as well as collective charitable contributions (donations).

CROWDINVESTING

A form of crowdfunding (collective investment from a wide range of investors in a project), a financial instrument for raising capital for startup projects or existing businesses in a project company through the purchase of its securities through the project platform.

DAO (DECENTRALIZED AUTONOMOUS ORGANIZATION)

An organization created using smart contracts based on blockchain technology and functioning without a centralized governing body (e.g. a CEO). All participants have equal voting rights in DAO. The rules of conduct of the participants are built directly into the smart contract code, available for public review, and cannot be changed by any one DAO participant. This means equal power for all participants and the absence of control by individual persons.

DEATH VALLEY

A period in the startup lifecycle during which it begins its operations but is not yet generating significant revenue. During this period, the company exhausts the initial capital provided by its shareholders and tests market hypotheses about the behavior of its target audience of buyers of its products.

DECENTRALIZED FINANCE (DEFI)

A broad category of financial operations conducted without the involvement of centralized intermediaries (such as banks or insurance companies), directly between users of cryptocurrencies using decentralized services such as exchange services (SWAP) or decentralized exchanges (DEX).

DECENTRALIZED CRYPTO EXCHANGE (DEX)

Is a crypto asset trading application in which exchange transactions and other types of transactions take place using smart contracts rather than a centralized trading system. The fundamental difference between DEX and centralized crypto exchange (CEX) is that DEX do not store user funds and do not control transactions. Funds are transferred directly from the user's cryptocurrency wallet, which he connects to the DEX platform. Also, decentralized exchanges do not have a user verification procedure. Operations on the DEX provide more protection to users' assets than on the CEX, but tend to be associated with higher transaction costs on the blockchain network.

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CEX (CENTRALIZED EXCHANGE)

A cryptocurrency exchange in which transactions for the exchange of cryptocurrency assets and other types of transactions are organized using a centralized trading system. Private keys are held by a centralized intermediary, not by users. CEXs hold user funds and control the execution of trades. Funds are transferred directly from the user's cryptocurrency wallet, which he connects to the CEX platform. Often, in order to gain access to the full functionality of CEX, users need to go through the full KYC verification procedure ("know your customer", the procedure for confirming the user's identity by checking documents and other verification procedures).

FARMING

Farming (liquidity mining) is a type of DeFi operation. Farming is a process that allows users of cryptocurrency to receive a reward for maintaining liquidity for a cryptocurrency or token trading pair in the liquidity pool of a decentralized cryptocurrency exchange (DEX). Typically, such a user (farmer) receives a reward for depositing their target cryptocurrency and an equivalent deposit in another cryptocurrency (such as a stablecoin), forming a trading pair in the liquidity pool on the DEX. The reward is paid in both assets deposited by the user.

GOVERNANCE (DAO) TOKENS

Tokens that provide their owners with the right to vote on important decisions related to the operations and development of the blockchain project.

PAYMENT TOKENS

Payment tokens are tokens that provide their owners with the ability to carry out payment transactions, paying for the purchase of goods or services with these tokens.

UTILITY OF TOKENS

The usefulness of tokens, their ability to be used in project operations, which creates demand for tokens from project users and their fundamental economic value, which contributes to the growth of the token price in the open market.

GREEN TECH

Refers to a type of technology that is considered environmentally friendly based on its manufacturing process, materials used, or supply chain characteristics. Green Tech can also refer to the production of clean energy, the use of alternative fuels, and technologies that are less harmful to the environment than fossil fuels.

INTELLECTUAL PROPERTY (IP)

A broad description of a set of intangible assets owned by a company or individual and legally protected from external use or exploitation without consent. An intangible asset is a non-physical asset owned by a company or individual. Intellectual property takes various forms, with some having a high degree of legal protection (such as patents, licenses, copyrights) and others having a lower degree of legal protection (such as trade secrets and know-how).

EARLY FINANCE (EFI)

The technology of early finance (Early-Fi) developed by the Basalt Coin project is collective venture capital investment of a wide audience of investors (investors with a small average size of investments) in early-stage projects through selection, development, and investment in objects of intellectual property (IP). Working with early-stage venture projects involves not only investing capital but also comprehensive project acceleration. Acceleration refers to the search for partners, project promotion, and phased provision of consulting services, including attracting the necessary partners in combination with the investment via a range of venture capital tools (angel investing, venture loans, crowdfunding, including crowd investing, crowd lending, collective donations, etc.).

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”KNOW YOUR CUSTOMER” (KYC)

A procedure for verifying the identity of a user of a centralized web platform or application, in which the user undergoes an identity verification procedure, for example, by uploading and verifying documents and personal data and other procedures (for example, checking a photo or video with a user). The KYC procedure is mandatory for all financial organizations, including centralized cryptocurrency exchanges (CEX) and is aimed at protecting the organization from the risk of working with criminals and money laundering (anti money laundering, AML), as well as ensuring the security of user assets.

MONETIZATION OF INTELLECTUAL PROPERTY (IP)

Process of generating a cash flow from the use of intellectual property (IP). Typically, venture projects involve the commercial use of IP objects in the form of assets such as patents, trademarks, copyrights, and commercial secrets. These assets can be used as collateral, sources of financing, and conditions for generating revenue within the project's business model. Monetizing IP involves evaluating, managing, and enforcing IP rights to obtain financing for a company's research and development or to generate revenue from IP assets through licensing, sale, or use of IP assets in product creation.

LAUNCHPAD

A token launch platform that provides early access to tokens of new blockchain projects during token sale rounds.

NON-FUNGIBLE TOKENS (NFT)

A type of cryptocurrency assets, each copy of which is unique (specific) and cannot be used for exchange or replaced by another similar token, although usually cryptocurrency tokens are fungible. Technically, NFT is a cryptographic certificate of a digital object (various digital content, for example, a photo, video, a piece of program code, etc.) with the ability to transfer this certificate from one cryptocurrency wallet to another using the same mechanism that is used in trading conventional cryptocurrencies and tokens. In the current legislation, NFT is not yet a universal carrier of ownership of a digital asset and does not prevent the copying of a digital object, but it captures metadata about a digital object (for example, the time the NFT was created and its author). In the future, NFT may be associated with ownership and all associated powers.

REGENERATIVE FINANCE (REFI)

Regenerative finance is one of the areas of decentralized finance (DeFi) aimed at attracting investments and a wide audience to sustainable development projects using blockchain technology, such as environmental protection and restoration and inclusive development (involving a wide audience in economic development). In the field of conservation and restoration of natural capital, the tasks of ReFi are related to the assessment of the value of natural assets based on their properties of regeneration and environmental conservation and arranging of trade in the blockchain equivalents of such assets. For example, the cost of capturing 1 ton of carbon emissions can be estimated in terms of the cost of restoring a given number of tropical trees. This value equivalent can then be issued in the form of a tradable cryptocurrency asset. After that, liquidity is created for such an asset for centralized or decentralized trading on certain blockchain networks with the involvement of a wide audience interested in such socially responsible investments. ReFi can use many social and organizational approaches of DeFi, for example, the mechanisms for building tokenomics and the formation of a DAO (Decentralized Autonomous Organization), that is, a self-governing community of blockchain project users that involves investors in project tokens in making decisions on the project through voting procedures.

RESEARCH & DEVELOPMENT

The process or business unit involved in developing or improving new products and services and testing the viability of a potential product. The development stage follows research and involves turning open science into a useful product that a company can market.

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STAKING

A form of earning cryptocurrency tokens based on holding them and receiving rewards in the same tokens. In some cases, staking may be a process based on the need to verify transactions on the blockchain. This rewards system helps users with cryptocurrency to verify transactions and support the network, earning cryptocurrency in return

STABLECOIN

A type of cryptocurrency token whose value is pegged to a fiat currency (i.e. regular currency such as USD, EUR, etc.) or a physical asset (such as gold).

SWAP

The process of exchanging types of tokens between two parties, from one blockchain to another. Token swaps can be carried out on exchanges and token swapping platforms.

VENTURE CAPITAL

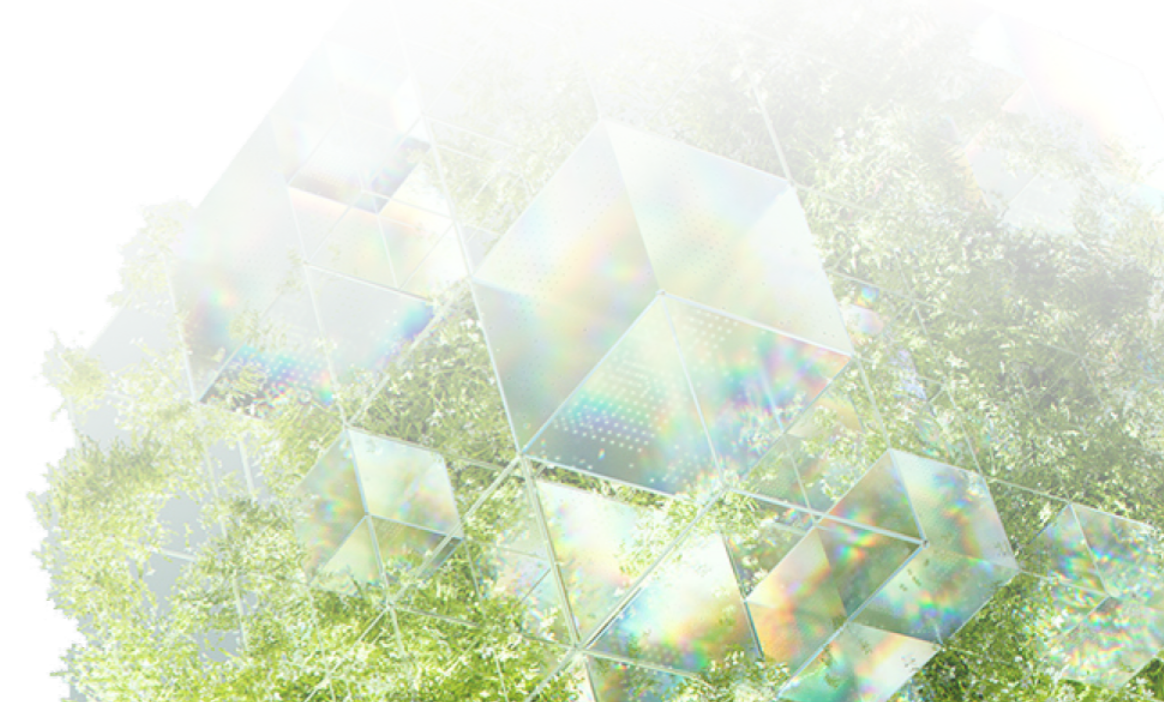
A form of direct investment and financing provided by investors to start-up companies and small businesses that are believed to have long-term growth potential. Venture capital typically comes from wealthy investors, investment banks, and other financial institutions, but in the crypto industry, this type of investment is available to a wide range of investors.

WALLET (CRYPTO WALLET)

Software that interacts with the blockchain network, tracking the user's cryptocurrency asset balances, sending and receiving cryptocurrency at the user's discretion by generating open and private cryptographic keys.

WEB 3.0

A new stage in the development of the Internet, where a large part of the resources in the network belongs to decentralized applications working based on blockchain technology. These applications allow users to directly create, own, and securely exchange their content on the Internet without the need to buy services from centralized intermediaries. In the current version of the Internet (Web 2.0), centralized companies (social networks, marketplaces, software manufacturers, cloud services, etc.) dominate, providing services to users in exchange for their personal data and then monetizing them.



1 INTRODUCTION TO BASALT COIN

ABOUT THE PROJECT

Basalt Coin is a financial ecosystem for mass and transparent monetization of inventions in Green Tech and Web 3.0, with fair distribution of income and support for projects from idea to scaling.

VISION

The Basalt Coin project will help technology inventors and innovative startups overcome the Death Valley of Innovator (or "innovator's gap") and give the opportunity to earn for inventors, collective investors, and product users, using DeFi tools and making a joint contribution to the benefit of the environment and society.

EARLY MONETIZATION OF INTELLECTUAL PROPERTY, SELF-GOVERNING DAO COMMUNITY, DECENTRALIZED FINANCE (DEFI) - ALL OF THIS GIVES BROAD OPPORTUNITIES FOR THE DEVELOPMENT OF GREEN TECH:

1. For investors and users - opportunities to receive income from DeFi services and participate in Green Tech and Web 3.0 projects at an early stage of development;
2. For venture entrepreneurs - overcoming the Death Valley: obtaining the necessary competencies, forming demand for products, gradually attracting capital;
3. For inventors - opportunities for copyright protection, fair participation in income and project development, incentives for creative self-realization.

To realize these opportunities, the project is developing a decentralized service ecosystem based on blockchain technology, allowing for capital and project development management, trading and conducting safe, fast and efficient transactions:

- A. Payment services: BASA **WALLET**, BASA SWAP exchange service, BASA DEX exchange.
- B. Venture services: BASA **FUND**, BASA GREEN launchpad, BASA CRUNCH accelerator.

MISSION

To make the launch of technological startups public, mass and successful, creating opportunities for fair distribution of income and joint contribution to Green Tech and Web 3.0 worldwide for the benefit of society, environment and economy.

2 MARKET POTENTIAL AND CHALLENGES

THE POTENTIAL OF THE GREEN TECH MARKET

THE GLOBAL TRANSITION TO GREEN TECH IS ASSOCIATED WITH THE PROCESS OF MOVING TOWARDS A MORE SUSTAINABLE WORLD BY USING TECHNOLOGIES THAT MINIMIZE THE NEGATIVE IMPACT ON THE ENVIRONMENT. THIS IS BECOMING INCREASINGLY RELEVANT DUE TO GROWING POPULATION AND RESOURCE DEMAND, AS WELL AS THE CONSEQUENCES OF CLIMATE CHANGE.

According to reports by BloombergNEF [1] and CleanTech Group [2], the total investment market volume in decarbonization is expected to reach \$200 trillion by 2050. This includes investments in technologies such as renewable energy, energy storage, electric vehicles, and other solutions that help reduce greenhouse gas emissions. These investments aim to reduce dependence on fossil fuels and reduce environmental pollution.

According to BloombergNEF, the Green Tech investment market was valued at \$1 trillion in 2020-2021. This includes investments in technologies such as renewable energy, electric vehicles, energy efficiency, and "smart cities." Overall, from 2017-2021, the key investment areas in Green Tech were energy generation, energy efficiency and energy storage, waste processing, and environmental care (see Fig. 1). These investments aim to develop and commercialize environmentally sustainable technologies that can help solve the problem of climate change.

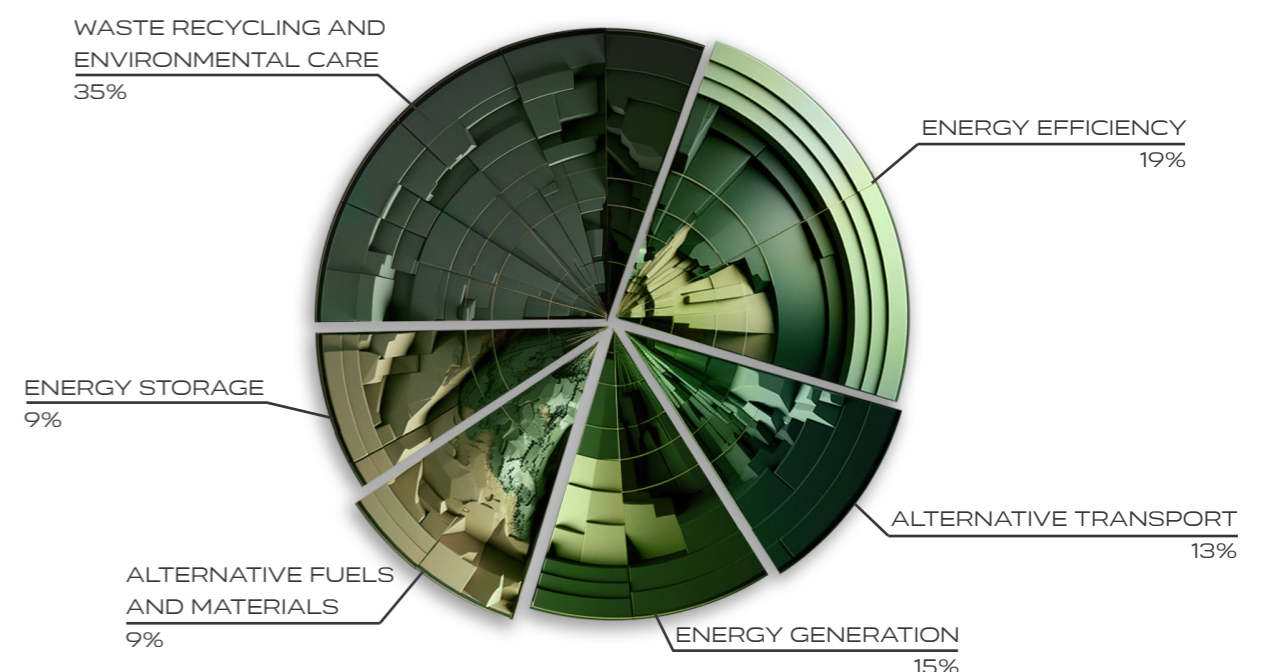


Fig.1 – VC market of investments in "green" technologies by sector (2017-2021) [2]

According to the CleanTech Group report, the clean technology investment market reached \$2 trillion in 2022, including investments in environmental protection and reducing emissions of pollutants. Such technologies include air and water purification, energy efficiency, waste management, and other solutions.

Energy solutions that lead to zero emissions and cover the entire value chain from generation or production to storage and distribution will play a special role in the future. These increasingly important solutions include renewable energy sources such as solar and wind energy, sustainable fuels such as hydrogen, long-lasting battery systems, and smart grids. According to McKinsey estimates [3], annual investments in energy supply and production could double by 2035, reaching approximately \$1.5 trillion, and may increasingly shift towards fossil fuel processing and decarbonization technologies. Overall, the transition to clean energy will lead to profound changes in both energy-producing and energy-consuming sectors. While capacity and reliability constraints may slow the adoption of environmentally friendly energy, growing capital costs and increased regulatory support can help accelerate adoption.

All of this data points to the growing importance of green technologies in the global economy, as well as efforts to reduce environmental impact and combat climate change. Investment in these technologies is crucial for developing sustainable solutions and transitioning to a more eco-friendly future. The potential economic benefits of investing in green technologies are enormous and include, among other things, job creation, increased economic competitiveness, and reduced electricity costs.

THE POTENTIAL OF THE GLOBAL WEB 3.0 INDUSTRY

WEB 3.0 TECHNOLOGY REPRESENTS THE NEXT STEP IN THE EVOLUTION OF DIGITAL SYSTEMS, BASED ON THE DECENTRALIZATION OF INTERNET RESOURCES AND THE WIDESPREAD USE OF BLOCKCHAIN TECHNOLOGY (A DISTRIBUTED LEDGER OF DATA REGULATED BY CRYPTOGRAPHIC ALGORITHMS).

The majority of resources on the network are decentralized applications that allow users to create, own, and securely exchange their content on the Internet without the need to purchase services from centralized intermediaries.

The development of the Web 3.0 industry is taking place with the help of blockchain technology, which underlies secure decentralized transactions in cryptocurrencies (digital currencies based on cryptography). Data from the aggregator of the cryptocurrency industry, Coinmarketcap [4] and the blockchain community experts at Bankless [5], highlight the high potential for growth in this industry. According to Bankless estimates, as of 2022, about 300 million people are currently participating in the cryptocurrency market, including investors, cryptocurrency users, and blockchain industry professionals.

EXPERTS PREDICT THAT BY 2030, THIS NUMBER WILL LIKELY GROW TO MORE THAN 1 BILLION PEOPLE.

Currently, there are more than 12,000 cryptocurrencies in circulation [4], and their development is increasing every day. There are also more than 200 crypto exchanges and 15,000 IT companies developing the "Web 3.0" sphere based on blockchain technology. The total market capitalization of the cryptocurrency

market is currently estimated at more than \$1 trillion, which represents less than 1% of the total volume of global financial assets. This indicates that the cryptocurrency industry has significant potential for growth and investment, with broad opportunities for integrating blockchain solutions into traditional industries and creating new sectors of the digital economy.

A joint report by BCG, Bitget, and Foresight Ventures [6] shows that **the crypto industry and Web 3.0 are still in the early stages of development, and emphasizes the prospects for exponential growth of cryptocurrencies in the coming years** (see Fig. 2).

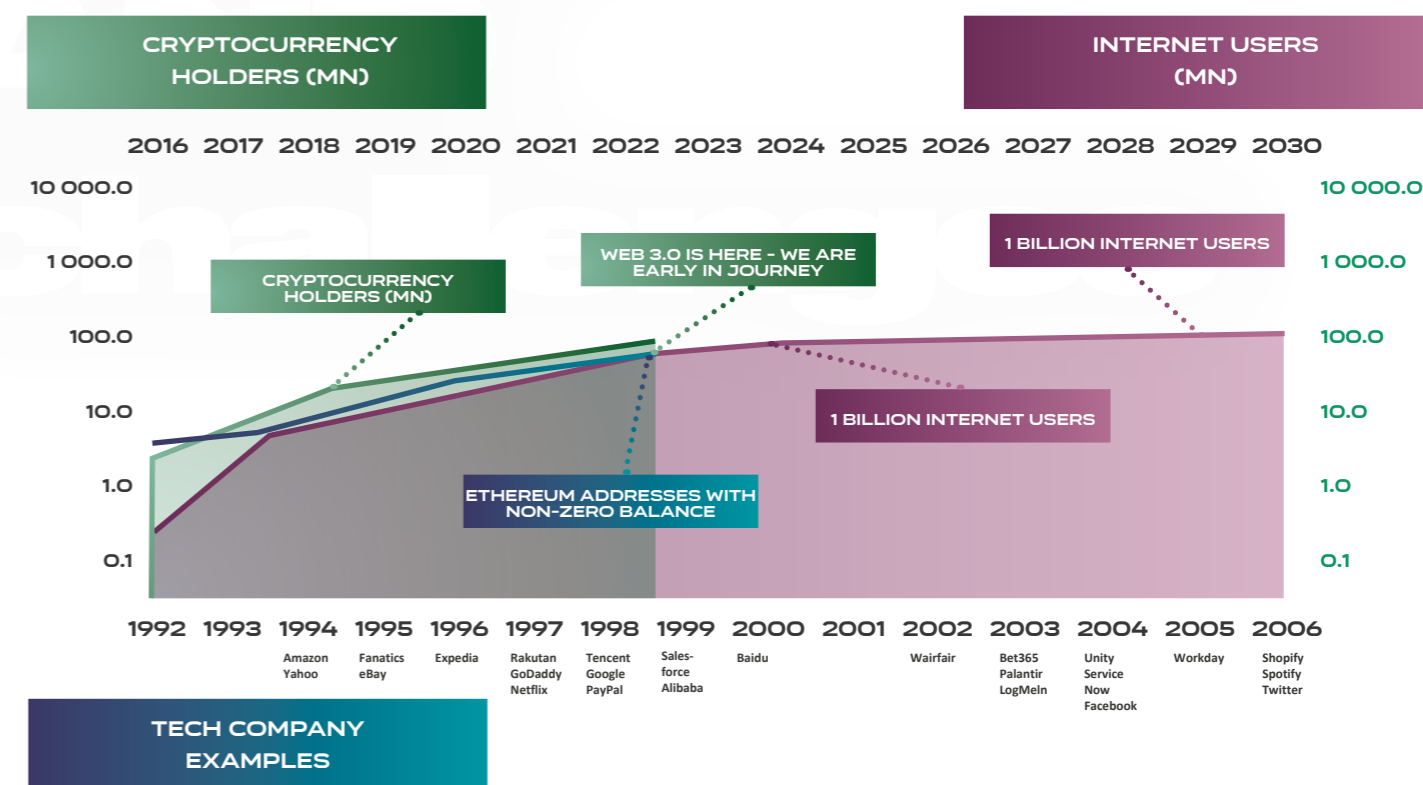


Fig. 2 – Development potential Web 3.0 [6]

Development of Web 3.0 is driving explosive growth in venture capital investments. According to a PWC report [7], in 2021 venture investments in crypto projects grew eightfold to \$34 billion. Additionally, 49 new venture funds were established in the same year.

INTEGRATION OF WEB 3.0 AND GREEN TECH

The integration of Green Tech and Web 3.0 has great potential as this merger can provide a number of advantages in important sectors of the economy, such as manufacturing, energy, finance, trade, healthcare, research, and many others. Developing such projects enables the development of a more efficient and sustainable digital economy that is environmentally friendly.

Blockchain technology has special prospects in the energy sector. According to the Verified Market Research report, investments in blockchain technology in the energy market were valued at \$472.6 million in 2021. According to forecasts, this market will grow to \$42.7 billion in 2030 (an average annual growth rate of 75.2% per year). [8]

Blockchain can be used for secure data storage and management in the energy sector, reducing the

likelihood of intentional distortions and unintentional errors. Additionally, blockchain and Web 3.0 provide the ability to increase the speed, transparency, and efficiency of financial transactions related to energy trading and regenerative finance operations. Peer-to-peer energy trading operations involve the transit of energy directly from producers to consumers, including from decentralized micro-generation sources. This will increase energy accessibility, reduce energy losses in networks, and lower its cost. Several energy companies are already bringing communities together to create micro-grids – groups of interconnected loads and distributed energy resources that can function as standalone, self-supporting entities. Renewable energy companies, such as Acciona Energy, Irene Energy, The Sun Exchange, Electrify Asia, Greeneum, and Iberdrola, have recognized the potential of the technology and are using blockchain to accelerate the transition to "green" energy.

Regenerative Finance (ReFi) enables the use of blockchain technology to address climate change and reduce environmental damage, for example, through voluntary trading of carbon credits aimed at compensating for damage and restoring the environment.

Blockchain technology can also transform the gas and energy commodities trading industry by providing a cheaper and more efficient alternative to traditional trading. The immutability, security, and speed of blockchain make it an attractive solution for maintaining a huge registry that records transactions and prices of raw materials. [9]

In addition, Web 3.0 and blockchain can help increase transparency in transactions related to socially significant goods and services, making everyday actions such as charitable donations and investments more reliable. Web 3.0 can be used by governments to provide citizens with more targeted information, simplify the process of requesting official documents, and issue warnings about natural disasters or crimes. In the field of medicine, Web 3.0 allows scientists and researchers to reliably classify vast amounts of data related to viruses and track the supply and logistics of vaccines.

VENTURE INDUSTRY PROBLEMS

DESPITE SIGNIFICANT PROSPECTS FOR GREEN TECH AND WEB 3.0, THE MODERN VENTURE INDUSTRY FACES A NUMBER OF PROBLEMS FOR INVESTORS AND PROJECTS THAT HINDER TRADITIONAL FORMS OF MONETIZATION OF INNOVATIVE TECHNOLOGIES AND REDUCE THE PROBABILITY OF SUCCESS FOR STARTUP COMPANIES.

Problems of innovative projects (inventors, experts, entrepreneurs):

- ◆ "Death Valley" ("innovator's gap") - a combination of a lack of demand for new products, insufficient investment volume, and a deficit of competencies within the project initiators' team;
- ◆ inadequate protection of intellectual property (IP) rights for the use of inventions, unfair distribution of income from IP;
- ◆ inadequate opportunities for creative self-realization of inventors in society.

Investor problems (venture capitalists, funds, community investors):

- ◆ high entry threshold for investments for a wide audience;

- ◆ difficulties in exiting venture investments (finding a buyer for assets);
- ◆ high risks of research and development;
- ◆ high percentage of startup failures (the "innovator's gap" problem: lack of product demand, insufficient capital, deficit of project team competencies);
- ◆ insufficient transparency and accountability of investments in projects;
- ◆ management of significant investment sums requires offline formats;
- ◆ inability of mass investors to participate in project development decisions.

Problems of consumers of products and technologies:

- ◆ limited access to innovative products and technologies;
- ◆ inadequate opportunities to earn money on new technologies;
- ◆ limited opportunities to participate in the implementation of conscious investment projects aimed at preserving the environment, improving the quality, and safety of life.

The implementation of the Basalt Coin project aims to solve all the problems mentioned above.

3 SOLUTIONS TO PROBLEMS IN THE VENTURE MARKET WITHIN BASALT COIN

THE BASALT COIN PROJECT IS AIMED AT BRINGING BENEFITS TO A WIDE RANGE OF INDIVIDUALS INTERESTED IN THE DEVELOPMENT OF GREEN TECH AND WEB 3.0, PROVIDING THE OPPORTUNITY TO INVEST IN PROJECTS AND EARN ON THEM AND ON DEFI, AND TO REALIZE THEIR CREATIVE AND PROFESSIONAL POTENTIAL.

THE MECHANISM OF DAO-MONETIZATION OF INTELLECTUAL PROPERTY IN GREEN TECH AND WEB 3.0.

The concept of the Basalt Coin project is based on the idea of early finance (Early-Fi) – is collective venture capital investment of a wide audience of investors (investors with a small average size of investments) in early-stage projects through selection, development, and investment in objects of intellectual property (IP), see Fig. 3. At the same time, approaches of the venture industry and the possibilities of smart contracts on the blockchain are used, providing high control and simplicity of collective asset management within the DAO community. The main objects of investment are conscious investment projects aimed at environmental protection, improving the quality and safety of life.



Fig. 3 - The concept of the Basalt Coin project.

SOLUTION TO THE " DEATH VALLEY " PROBLEM FOR INVENTORS AND STARTUPS

Collective investments in new technology or products occur at the stage of monetizing the corresponding IP objects, when the ability to distribute investor risks and support projects becomes particularly important (see Fig. 4). Thanks to the opportunities of the DAO community, which unites experts, investors, venture entrepreneurs, and early adopters of new products and technologies, the "Death Valley" problem is solved. Projects not only undergo expert evaluation, but also receive the necessary support in the form of promotion, attracting the necessary investments, and forming the necessary competencies.

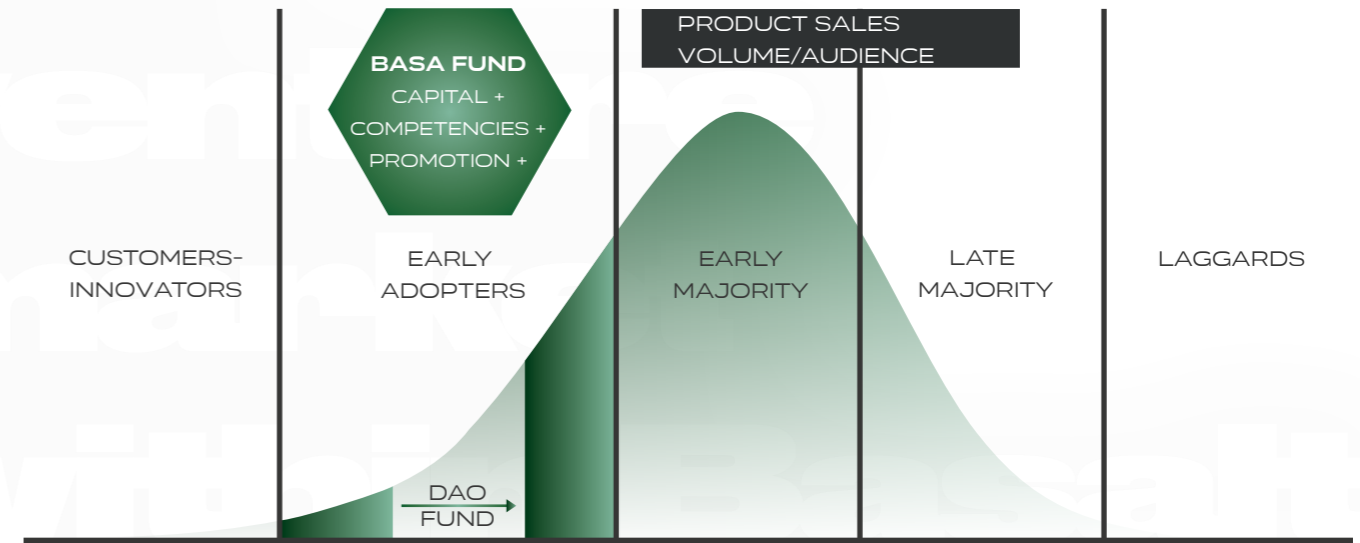


Fig. 4 - Solving the problem of the Death Valley within the framework of the BASA Fund.

BASALT COIN'S SOLUTIONS FOR INVESTORS

Within the framework of the Basalt Coin project, investments in Green Tech and Web 3.0 become accessible and secure for all investors and ecosystem users, regardless of the size of their investments and their professional experience in venture investing. The fundamentally transparent and decentralized approach to investment management through the DAO community allows investors to make collective decisions and vote on proposals, influencing the development of projects and the generation of income from investments.

4 BASALT COIN BUSINESS MODEL

BENEFITS OF THE BASALT COIN PROJECT

INVENTORS

The project provides inventors in Green Tech and Web 3.0 with the opportunity to monetize their intellectual property (IP), receive a fairer share of the income generated from its commercialization, and participate in project implementation (see Table 1).

VENTURE ENTREPRENEURS AND CAPITALISTS

The project enables venture entrepreneurs and capitalists to invest their capital and resources in Green Tech and Web 3.0 projects with high profitability and to reduce investment risks through staged investment and project acceleration.

INVESTORS

Project users who are investors can not only invest in Green Tech and Web 3.0 projects, but also earn money on financial services in the Basalt Coin ecosystem and participate in project development through voting in the DAO community.

EXPERTS

The project provides experts with the opportunity to realize themselves in the field of Green Tech and Web 3.0, invest in new technologies at an early stage, extract benefits from them, and participate in project implementation through voting in the DAO community.

CORPORATE AND END-USERS OF GREEN TECH AND WEB 3.0 TECHNOLOGIES AND PRODUCTS

The project gives corporate users and end-users early access to new technologies and products and the opportunity to earn profits and participate in project development in the DAO community.

Table 1 – Benefits of the BASALT COIN project for the target audience.

ADVANTAGES	INVENTORS AND EXPERTS	INVESTORS	USERS
MONETIZATION OF GREEN IP (PATENTS, LICENSES, ETC)	✓	✓	
SUPPORT FOR PROJECT DEVELOPMENT (ACCELERATOR, LAUNCHPAD)	✓	✓	✓
SYSTEM OF PAYMENT SERVICES (WALLET, SWAP, DEX)	✓	✓	✓
BENEFITS FROM GREEN IP AND GREEN PRODUCTS			✓

FOR THE EFFECTIVE IMPLEMENTATION OF THE IDEA OF MONETIZING INTELLECTUAL PROPERTY, THE BASALT COIN PROJECT IS LAUNCHING A SERIES OF DECENTRALIZED PAYMENT AND VENTURE SERVICES, ALLOWING INVESTORS

IN THE DAO COMMUNITY TO WORK WITH PROJECTS IN A "ONE-STOP-SHOP" MODE.

BASALT COIN SERVICES: (A) BASA CONNECT PAYMENT SYSTEM

BASA CONNECT is a decentralized payment system that allows Basalt Coin users to carry out secure and convenient transactions, earn from DeFi instruments, and manage their investments in venture projects through **BASA FUND**.

The payment token used in the services of the payment system is **BCON**.

The main decentralized services of the **BASA CONNECT** payment system include:

BASA WALLET crypto wallet	BASA SWAP crypto exchange service	BASA CARD bank card	BASA DEX 4th generation decentralized crypto exchange (CEX functionality and low fees combined with the security of user assets on the DEX) [10]
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The user begins working with the payment system by creating a personal cryptocurrency wallet - **BASA WALLET**, and subscribing to the basic **BASA DAO** package (30/180/360). They can then carry out financial operations (such as swap operations in **BASA SWAP**, staking, farming, and more) and invest in **BASA FUND** projects. There are plans to gradually expand the functionality of the payment system, such as launching staking and farming of **BASALT** and **BCON** tokens, arbitrage trading of stablecoins in **BASA SWAP**, and a 4th generation decentralized crypto exchange - **BASA DEX** (with features like CEX, low commissions, and complete user asset security).

BASALT COIN SERVICES: (B) BASA DAO VENTURE INFRASTRUCTURE

BASA DAO is a decentralized infrastructure for collective venture investment in Green Tech and Web 3.0 projects through monetization of intellectual property (IP) assets and project acceleration. The diversification of investor risks and staged support of projects in the DAO community provides ample opportunities for profitable investments, professional selfrealization, and participation in socially significant projects.

The **BASALT** token is used for **DAO management** in the venture infrastructure services.

The main decentralized services of the **BASA DAO** venture infrastructure are:

- ◆ **BASA FUND**, with a primary focus on venture investments in Green Tech and Web 3.0;
- ◆ **BASA GREEN** Launchpad service for launching Web 3.0 projects;
- ◆ **BASA CRUNCH** Accelerator for supporting projects in Green Tech and Web 3.0.

Users start working with the venture infrastructure by registering on the BASA FUND website, connecting their BASA WALLET, and subscribing to the basic BASA DAO plan.

Then, users can utilize the opportunities of BASA DAO according to their goals.

INVESTOR OPPORTUNITIES

Owning BASALT token packages gives users the ability to:

- ◆ invest funds in the BASA FUND;
- ◆ within the basic BASA DAO subscription (30/180/360):
 - receive reports on Green Tech and Web 3.0 projects supported by BASA FUND;
 - earn on risk-free arbitrage trading on BASA SWAP;
 - earn on robotic trading on BASA DEX;
 - gain access to online events organized by BASA FUND;
 - receive up-to-date analytical information about the crypto industry;
 - gain access to educational resources from BASA CRUNCH and its partners.
- ◆ receive token allocations for Web 3.0 projects launched on the BASA GREEN Launchpad;
- ◆ participate in investment pools in real production projects in collaboration with BASA FUND;
- ◆ purchase ecosystem products at a discount (for example, a basic subscription to ecosystem services, cold crypto wallets and bank cards made of basalt, and more);
- ◆ vote in the DAO community on decisions made by the managing company of BASA Fund:
 - regarding staged project support,
 - regarding the distribution of Basalt Coin ecosystem revenues,
 - Basalt Coin ecosystem development.

Opportunities for inventors, experts, and venture entrepreneurs.

Owning packages of BASALT tokens and connecting to the Basalt Coin ecosystem provides the following opportunities:

For the inventor – the ability to monetize their invention:

- Submit a request for commercialization of intellectual property (IP) project on the BASA FUND website;
- Receive an expert assessment of their IP commercialization project from BASA FUND experts, DAO community, and BASA CRUNCH accelerator;
- Record their copyright to IP on the blockchain;

- Receive funding from BASA FUND and investor community;
- Find partners to implement the project in the BASA CRUNCH accelerator;
- Fair participation in the distribution of project revenue;
- Creative self-realization and project management involvement;

For the entrepreneur – the opportunity to receive support for the project:

- Obtain necessary expertise from BASA FUND experts, DAO community, and BASA CRUNCH accelerator to improve the project;
- Receive funding from BASA FUND and investor community;
- Find partners to implement the project in the BASA CRUNCH accelerator;
- Obtain initial project promotion among potential audience;

For the expert – the opportunity for professional self-realization and income generation:

- The opportunity to audit projects within the framework of the DAO community and BASA CRUNCH accelerator;
- The opportunity to become a project advisor and earn income;
- The opportunity to join the project team and earn income;
- Creative self-realization and project management involvement.

The general scheme of interactions in the Basalt Coin ecosystem is shown in Fig. 5.

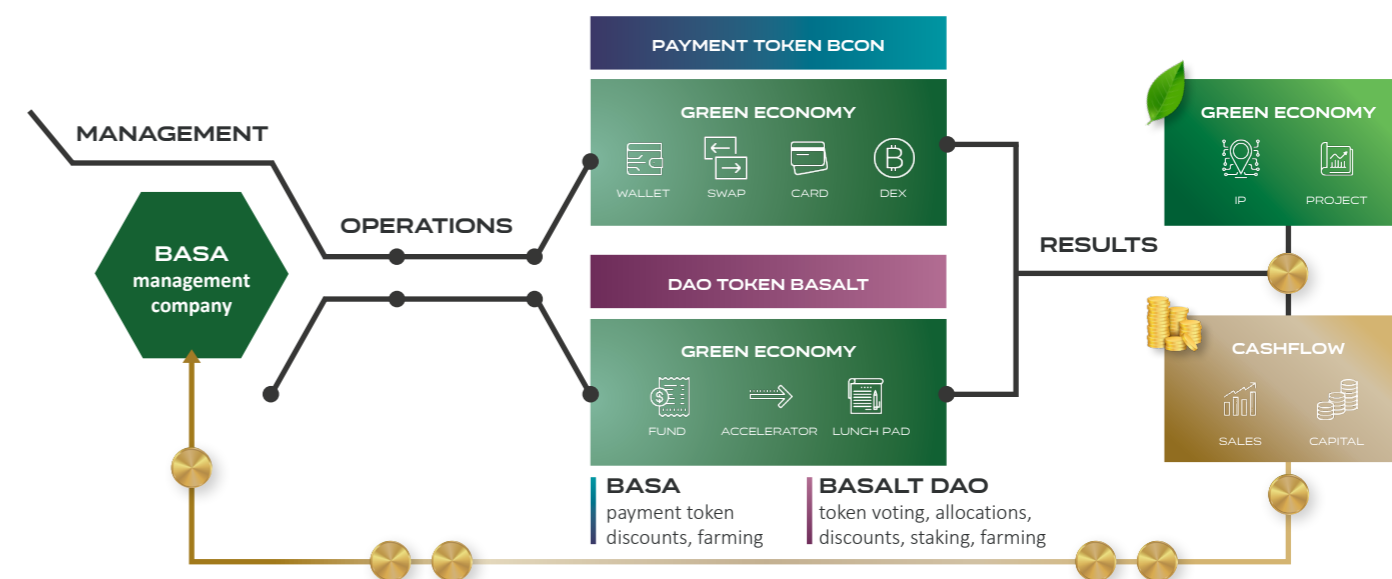


Fig. 5 – Interactions in the Basalt Coin ecosystem.

MECHANISM OF WORKING WITH VENTURE PROJECTS IN THE BASALT COIN ECOSYSTEM

THE GENERAL PROCESS OF WORKING WITH GREEN TECH AND WEB 3.0 INTELLECTUAL PROPERTY MONETIZATION PROJECTS IN THE BASALT COIN ECOSYSTEM CONSISTS OF FOUR STAGES. DEPENDING ON THE UNIQUENESS OF THE PROJECT AND THE TASKS OF THE PARTICIPANTS, THE PROCESS OF WORKING WITH BASALT COIN PROJECTS MAY HAVE ITS OWN PECULIARITIES

1. APPLICATION

The first stage of working on a project involves submitting an application for intellectual property (IP) and examining these applications by experts from BASA FUND and DAO community. This is an important stage that captures the content of the invention and analyzes its economic value.

The project initiator (for example, an inventor or a venture entrepreneur) after passing the mandatory KYC procedure for identification, gets the opportunity to register an IP object application on the BASA FUND website and sign the application with the help of their BASA WALLET crypto wallet. The mandatory condition for submitting an application is the status of the BASALT token holder and the connection to the BASA DAO subscription (30/180/360). BASALT tokens can be purchased on the BASA SWAP crypto exchange.

The expert examination process includes evaluating the novelty and originality of the project and ensuring that it complies with legislative requirements for protecting intellectual property. As a result of the examination, the IP object enters **the Basalt Coin project's knowledge** base and receives a certain invention rating. The Basalt Coin project's knowledge base is a catalog of inventions with a rating based on the evaluation system of IP objects based on their commercial value, readiness level, and industry focus. This system takes into account the essence of the invention, the project's market potential, project profitability, project payback period, readiness of the invention and business packaging of the project, and other important factors for the project's success.

2. INTELLECTUAL ACTIVITY RESULT (IAR)

At this stage, data on the intellectual property (IP) object is recorded in blockchain metadata by creating an NFT or a collection of NFTs linked to the IP object and its brand. This allows the inventor's primary authorship of the IP object to be established, which subsequently simplifies the registration of all related property rights to the project, filing a patent application, etc. Such an approach ensures the protection of intellectual property and provides a basis for further project development.

An important step in BASA FUND's work at this stage is to establish ownership rights to the IP object, for example, by filing an international patent application for further protection of the project's intellectual property rights. In addition, at this stage, BASA FUND and project initiators enter into a preliminary investment agreement.

Also at this stage, the development of a project launch strategy begins, as well as the study of potential ways to monetize the project, including organizing initial interaction with the potential audience and project partners. At this stage, certain resources (competencies, financing, initial partners) may be required for project development, which can be provided on a competitive basis by the BASA CRUNCH project accelerator and angel investors from the Basalt Coin DAO community.

Interaction with the potential audience of projects may also include the release of BASA FUND and the "raffle" of collectible NFTs dedicated to project brands and corresponding IP objects. NFTs can also involve various forms of audience stimulation, such as receiving option for future project products at a discount/free of charge and rewards for activity.

At this stage, investors can begin using BASA FUND services to vote on project development management. The mandatory condition for an investor is the status of a BASALT token holder, verified through connection to the BASA WALLET crypto wallet and subscription to BASA DAO (30/180/360). Investors can purchase BASALT tokens and project brand NFTs on the BASA SWAP crypto exchange service.

3. PROJECT

At this stage, the project is being prepared for launch, including the organization or restructuring of the company, and the development of a more detailed project implementation plan, which is crucial for its success. At this stage, the main funding is attracted to launch the project, the main investment agreements are concluded (also with the participation of BASA FUND), and the main team is formed to launch the project.

Additional competencies, partners, and funding may be required at this stage to launch the project, which can be provided on a competitive basis by the BASA CRUNCH Project Accelerator and angel investors from the Basalt Coin DAO community.

In addition, if the project is related to Web 3.0, token sale rounds for the project can be organized on the BASA GREEN launchpad. After a successful launch on the launchpad, projects can be listed and begin trading tokens on the decentralized BASA DEX crypto exchange.

At this stage, investors can also use BASA FUND services to vote on project development management. In this case, a mandatory requirement for an investor is the status of a BASALT token holder, verified through connection to the BASA WALLET crypto wallet and subscription to the BASA DAO (30/180/360). Investors can purchase BASALT tokens and tokens of supported projects (in the case of Web 3.0 projects) on the BASA GREEN launchpad (subject to the conditions of the token sale via the WhiteList), on the BASA SWAP exchange service, and on the BASA DEX exchange.

4. EXITING INVESTMENTS

At this stage, the BASA FUND receives income from its investments in projects by fully or partially exiting the project or by participating in the distribution of project income. Income can be received by the BASA FUND and angel investors of the DAO community in various forms, including repayment of cryptocurrency loans, sale of shares or intellectual property (IP) rights, payment of dividends, receipt of patent or licensing fees, and other forms of income. In addition to fully exiting the project, BASA FUND has the option to choose a strategy for continuing its participation in the current implementation of the project, which can lead to additional investment income and growth in the capitalization of the Basalt Coin ecosystem.

At this stage, investors can also use BASA FUND's services to vote on project management, including full or partial exit from investments or decisions on receiving Basalt Coin income from supported projects and their distribution. The mandatory requirement for investors is the status of a BASALT token holder, verified through connection to the BASA WALLET cryptocurrency wallet and subscription to the BASA DAO (30/180/360). Investors can purchase BASALT tokens as well as sell tokens of supported projects (in the case of Web 3.0 projects) on the BASA SWAP exchange and on the BASA DEX decentralized crypto exchange.

5 SERVICES AND TECHNOLOGIES OF BASALT COIN

BLOCKCHAIN BASIC PROTOCOLS

The Basalt Coin ecosystem will organize the BASA CONNECT payment system and the BASA DAO venture infrastructure operations on various blockchain networks. The primary blockchain networks are Binance Smart Chain, Polygon, and Ethereum. The choice of these blockchain protocols is due to the need to provide the greatest reliability, speed, and security for the project's decentralized services.

Services and technologies of the BASA CONNECT payment system.

BASA WALLET

BASA WALLET is a decentralized crypto wallet that provides secure storage of assets and full control over them. The wallet allows the purchase of cryptocurrencies and tokens, such as BASALT tokens necessary to access the services of the Basalt Coin ecosystem and vote in the DAO community.

BASA WALLET provides asset security and protection against unauthorized access by using multi-signature and multi-factor authentication. The wallet also has additional arbitrage trading features between centralized exchanges (CEX).

The BASA WALLET crypto wallet can be used as a tool for asset management and investment in the BASA FUND portfolio of Green Tech and Web 3.0 projects. Technically, BASA WALLET is a software application that generates and stores a user's private keys, which allows for complete security and control over assets. Unlike centralized crypto wallets, BASA WALLET gives the user full control over their assets since private keys for signing transactions and confirming ownership rights to cryptocurrency assets are generated and stored on the user's device.

The wallet has a convenient and simple interface that provides comfortable use.

BASA SWAP

BASA SWAP is a decentralized cryptocurrency exchange service that is built on a simple and convenient mechanism for exchanging various tokens in the liquidity pools of a decentralized cryptocurrency exchange. This makes purchasing assets, conducting payments, and investing in BASA FUND projects more convenient and efficient. BASA SWAP features an advanced matching mechanism for buy and sell orders that enables fast and efficient transactions directly between users. The exchange service's user-friendly interface allows users to easily track the prices of their assets and the effectiveness of their investments.

The technical aspects of ensuring liquidity for trading pairs in the decentralized exchange service are based

on an automated market maker (AMM) system. Liquidity providers can deposit their cryptocurrencies into the liquidity pool, receiving liquidity provider tokens (LP) in return. Traders can use these LP tokens to exchange between different cryptocurrencies. A commission is charged for each transaction, and a portion of it is distributed among liquidity providers as a reward.

BASA DEX V4

BASA DEX v4 is a unique decentralized exchange (DEX) of the fourth generation that is part of the BASALT Coin ecosystem. The exchange offers fast, efficient, and secure transactions using a simple and intuitive interface that is similar to what is provided on centralized cryptocurrency exchanges (CEX).

One of the main advantages of BASA DEX v4 is that assets are not stored centrally even during the transaction process. This ensures that users can always be confident in the safety of their assets.

Another advantage is the ability to conduct transactions at a lower cost, which is a critical parameter for DEX. This significantly reduces trading costs and makes BASA DEX more accessible to a wide audience of users with different income levels.

In addition, on BASA DEX v4, there is the ability to trade in the order book (liquidity pool) in a centralized manner, taking into account liquidity on margin with minimal transaction costs. This provides users with liquidity and makes trading more efficient and convenient.

BASA CARD

BASA CARD is a banking card issued by partner banks of Basalt Coin, which allows project users to make payments with minimal commissions, receive cashback for expenses, and instantly exchange fiat funds for cryptocurrencies. The card provides security by using advanced encryption technologies and provides a wide range of functionality for user convenience. In addition, BASA CARD provides fast and easy access to cryptocurrencies anytime and anywhere, making it an ideal tool for those who want to stay up to date with changes in the cryptocurrency market.

Services and Technologies of BASA DAO Venture Infrastructure.

BASA FUND

BASA FUND is the web service for the DAO venture investment fund in Green Tech and Web 3.0 projects represents a decentralized platform for investing and asset management, built on blockchain technology using smart contracts.

The BASA FUND platform allows investors to participate in the fund's collective investments through DAO tokens called BASALT, which give voting rights on investment decisions and management of Green Tech and Web 3.0 projects, as well as other income-generating operations within the Basalt Coin ecosystem. The platform provides a transparent and decentralized way of managing the fund's investments and income-generating operations of other elements in the ecosystem, allowing investors to vote on proposals and collectively make investment decisions.

From a technical standpoint, venture project financing on the BASA FUND platform involves investment using the proceeds from the sale of BASALT tokens in the form of purchasing project tokens (for Web 3.0 projects) or by becoming part-owners of the managing company of the project or co-owners of the project's key intellectual property (IP) assets, as well as in the form of venture loans for project development. Tokens, shares, and stakes in the authorized capital, venture loan agreements, rights to IP assets, NFT brands of projects not only represent types of income-generating assets of the BASA FUND, but also ensure the growth of the Basalt Coin ecosystem's capitalization and the value of its main token, BASALT.

To participate in BASA FUND operations, investors will need to connect their BASA WALLET crypto wallet and verify their status as the owner of a certain package of BASALT tokens. The BASA FUND platform will have a user-friendly interface that will allow investors to easily track the performance of their investments and the fund's portfolio of Green Tech and Web 3.0 projects.

BASA GREEN

BASA GREEN is a web service designed for launching blockchain projects (a launchpad), primarily used for conducting token sale rounds (selling tokens to investors) for Web 3.0 projects. The launchpad's operation is based on the use of specialized smart contracts. To participate in token sales on the BASA GREEN launchpad, investors will need to connect their BASA WALLET crypto wallet. The launchpad enables inventors and venture entrepreneurs who interact with BASA FUND to launch and promote their projects to a wide audience of investors. The web service of the launchpad will have a user-friendly interface, enabling project initiators to easily and quickly create and manage token sale campaigns, while investors can purchase project tokens.

BASA CRUNCH

BASA CRUNCH is a web service for the project accelerator supported by BASA FUND, which is an important service in the Basalt Coin ecosystem. The acceleration program for Green Tech and Web 3.0 projects will become a platform that provides project initiators (inventors, venture entrepreneurs, startup companies) with the resources they need to refine, launch, and scale their projects.

The platform of the service will offer numerous tools and resources on a competitive basis (funding, expert recruitment, team formation and competencies raising, marketing and PR support, partner search, project community management, legal consultation, technical support), helping to solve problems related to the monetization of intellectual property objects (IP), business packaging of projects, starting sales of innovative products, and managing the development and scaling of projects. The program will accelerate project growth by selecting the most promising projects based on their potential for commercialization, degree of feasibility, and industry focus within the Basalt Coin ecosystem.

6 BASALT COIN ECONOMICS

TO ACHIEVE PROFITABILITY OF OPERATIONS AND INCREASE THE CAPITALIZATION OF THE BASALT COIN ECOSYSTEM, WE PLAN TO USE VARIOUS MONETIZATION TOOLS FOR THE CORE OPERATIONS OF THE BASA CONNECT PAYMENT SYSTEM AND THE VENTURE INFRASTRUCTURE OF THE BASA DAO. EACH OF THESE TOOLS WILL BE USED TO GENERATE REVENUE, DEVELOP THE PROJECT, AND ENSURE ITS SUSTAINABILITY. THE MAIN MONETIZATION TOOLS OF OUR SERVICES AND PROJECT BENEFITS ARE OUTLINED BELOW

(see also Figure 6).

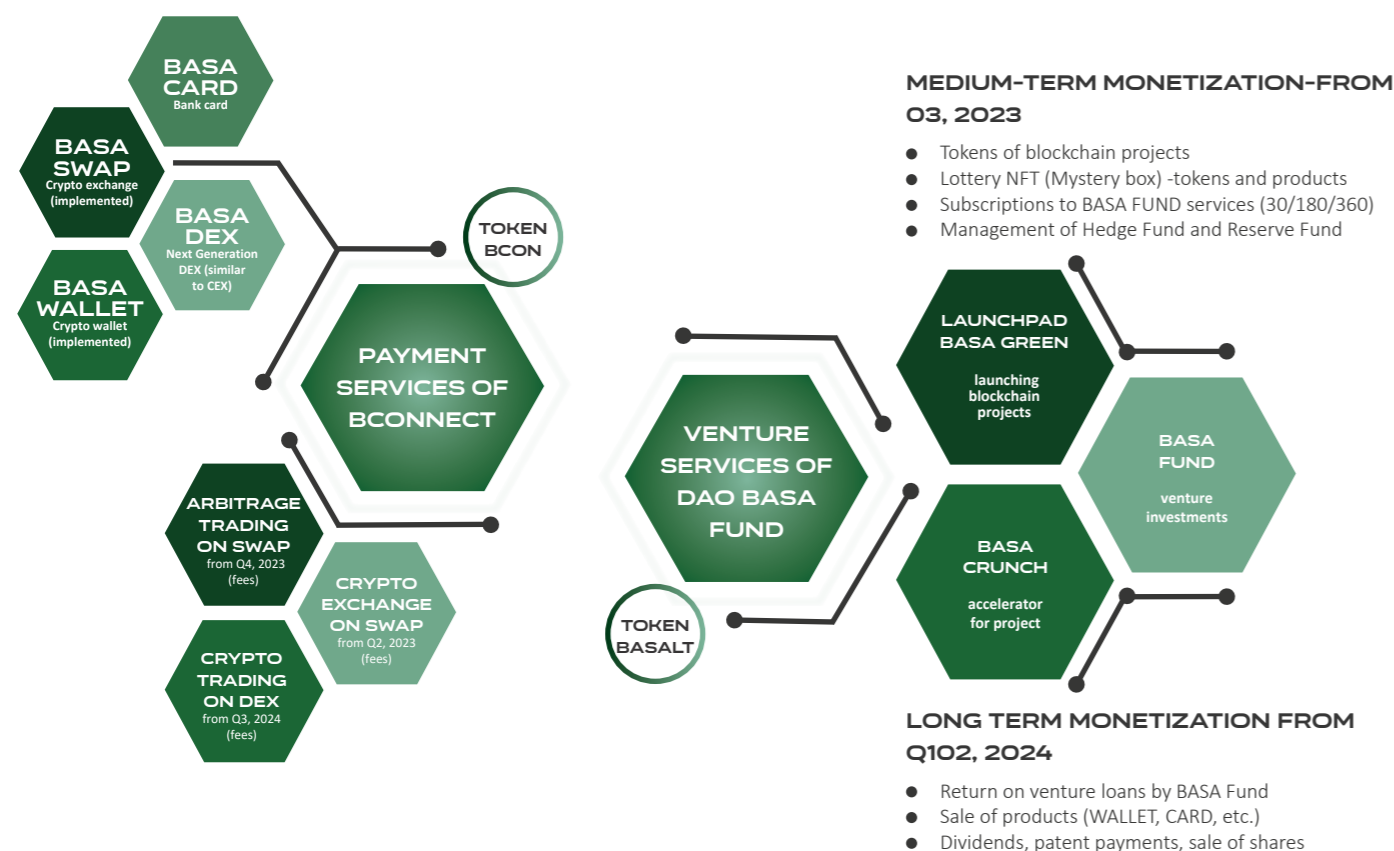


Fig. 6 – Monetization of Basalt Coin ecosystem services.

REVENUES AND MONETIZATION TOOLS OF THE BASALT COIN PROJECT

Commission from cryptocurrency swap operations: Basalt Coin will earn a commission from cryptocurrency swap operations on its decentralized exchange service, BASA SWAP. The commission fee will be paid in stablecoins and BCON tokens, and users will be able to use the project's cryptocurrency wallet, BASA WALLET, for the transactions. Discounts will be provided when the commission fee is paid in BCON.

Commission from arbitrage trading: Basalt Coin will earn a commission from arbitrage trading of

cryptocurrencies on BASA SWAP. The commission fee will be paid in stablecoins and BCON tokens, and discounts will be provided when the commission fee is paid in BCON.

BASA DAO subscription: Users will be able to subscribe to BASA DAO (30/180/360) to access the project's services. The subscription fee can be paid in stablecoins and BASALT, and discounts will be provided when the fee is paid in BASALT. Subscribers will have access to the following services:

- ◆ Robotic risk-free arbitrage trading of cryptocurrencies on Basa Swap;
- ◆ Robotic trading strategies for cryptocurrency trading on Basa DEX;
- ◆ Information about Green Tech and Web 3.0 monetization projects supported by BASA FUND;
- ◆ Information about Web 3.0 projects launched on BASA GREEN launchpad;
- ◆ Tickets to online events organized by BASA FUND;
- ◆ Up-to-date analytical information about the cryptocurrency industry and signals on cryptocurrency markets;
- ◆ Free educational resources on the BASA FUND website and partner websites.

Growth in the capitalization of BASA FUND: BASA FUND invests in Green Tech and Web 3.0 projects and commercializes intellectual property objects (inventions). As the value of project companies and intellectual property objects (IP) increases, the project's capitalization grows. The DAO fund BASA FUND is managed through voting among owners of large BASALT DAO token packages.

Return on venture crypto loans: BASA FUND will receive returns on venture crypto loans issued to Green Tech and Web 3.0 projects. The alternative to the return is the conversion of the loans into company shares and rights to IP objects.

Sale of project shares: BASA FUND can sell shares of the projects it supports.

Sale of IP objects: BASA FUND can sell IP objects, such as patents and licenses, related to the projects it supports.

Receipt of patent payments: BASA FUND can receive patent payments related to the projects it supports.

Receipt of dividends: BASA FUND can receive dividends from projects that manufacture and sell "green" products.

Sale of tokens: BASA FUND can sell tokens related to Web 3.0 projects supported by it on the BASA GREEN launchpad. Before the launch, projects go through an acceleration program in the BASA CRUNCH accelerator.

Sale of "green" products: The first products to be produced are "cold" crypto wallets, BASA WALLET, and bank cards, BASA CARD, made from innovative basalt-based materials. The bank card service will be paid through floating commissions in stablecoins and BCON tokens.

Sale of NFT lottery tickets ("Mystery box") with prizes in BASALT token packages, products and services of the Basalt Coin ecosystem, products and services of partners, payment for NFT tickets is possible in stablecoins and BASALT (discounts are provided when paying in BASALT).

Revenues from managing Hedge Fund assets;

Revenues from managing Reserve Fund assets.

Basalt Coin users can pay both types of commissions (fixed commission - "Fix Commission" and floating commission - "Float Commission") when paying for services and products in 3 possible payment methods:

- ◆ In stablecoins, the tariff sizes are fixed in USD or in cryptocurrencies related to the operations.
- ◆ In DAO tokens BASALT - for services and products related to the venture infrastructure of BASA DAO (BASA FUND, BASA CRUNCH accelerator, BASA GREEN launchpad). Payment in BASALT tokens is incentivized by discounts to the base tariff sizes of services and product prices, with tariff sizes and prices in terms of Fix Commission fixed in USD.
- ◆ In payment tokens BCON - for services and products related to the payment system BASA CONNECT (BASA WALLET, BASA SWAP exchange service, BASA DEX exchange, BASA CARD). Payment in BCON tokens is incentivized by discounts to the base tariff sizes of services, with tariff sizes in terms of Fix Commission fixed in USD.

EXPENSES AND INVESTMENTS OF THE BASALT COIN PROJECT

The main expenses for the implementation of the Basalt Coin project can be divided into operational (OPEX) and investment (CAPEX). The main types of project expenses are listed below.

Key regular project expenses (OPEX):

- ◆ Direct marketing costs for promotion;
- ◆ Employee salaries;
- ◆ Representation expenses and event expenses;
- ◆ IT support costs for the project;
- ◆ One-time expenses (packaging of the project concept, Customer Development, initial advertising campaigns, private rounds of token sale for DAO tokens BASALT);
- ◆ Corporate expenses (company registration, accounting and legal expenses, office, etc.).

In addition to direct marketing expenses, the financial model of the project takes into account expenses related to the referral program. As part of the referral program for b2c sales of services and products, 3 main types of rewards are offered to users and project partners:

1. Direct reward to the user for completing the KYC (Know Your Customer) procedure, a one-time reward is paid in BASALT tokens at the current token rate.
2. Referral reward for the invited user's completion of the KYC procedure, a one-time reward is paid in BASALT tokens at the current token rate. For influencer partners, the reward amount is doubled.
3. Referral reward for the invited user's placement of BASA DAO tokens on staking, the reward is paid in BASALT tokens as a percentage of the tokens on staking. For influencer partners, the reward amount is doubled.

As part of the referral program for the sale of BASALT DAO tokens to project investors, 1 type of reward is offered to users and project partners - a referral reward for the invited user's purchase of BASALT project DAO tokens. The reward is paid in BASALT tokens as a percentage of the amount of attracted investments (the amount of purchased BASALT DAO tokens). For influencer partners, the reward amount is doubled.

Key investment expenses of the project (CAPEX):

- ◆ Development, release and improvement of IT products;
- ◆ Venture loans and grants for projects in BASA FUND and in BASA GREEN Launchpad;
- ◆ Venture loans for real production Green Tech projects;
- ◆ Audit of smart contracts;
- ◆ Technical organization of BASALT token sales – token generation event (TGE);
- ◆ Public sale of BASALT DAO tokens;
- ◆ Listing of BASALT and BCON tokens on CEX;
- ◆ Market-making of BASALT and BCON tokens on CEX.

Table 2 shows the structure of investment attraction for the implementation of the Basalt Coin project. To fully implement the project, it is necessary to gradually attract investments in 4 rounds of token sale (Seed Sale, Private Sale 1, Private Sale 2, Public Sale) totaling \$ 4.6 million.

Table 2 – Attracting investments to the project by BASALT token sale rounds.

ATTRACTING INVESTMENTS ON THE ROUNDS OF BASALT TOKEN SALE - \$11.4 MILLION			
BASALT DAO TOKEN SALE ROUNDS	ROUND PERIOD	THE AMOUNT OF FUNDS RAISED, \$	THE SHARE OF TOKENS IN THE ISSUE, %
ROUND «SEED SALE»	Q3, 2023	\$900 000	3%
ROUND «PRIVATE SALE 1»	Q3, 2023	\$2 000 000	4%
ROUND «PRIVATE SALE 2»	Q4, 2023	\$700 000	1%
ROUND «PUBLIC SALE 2»	Q4, 2023	\$1 000 000	1%

THE TOKENOMICS OF THE BASALT COIN PROJECT.

The project utilizes two key tokens, the utility of which is presented in Fig. 7.

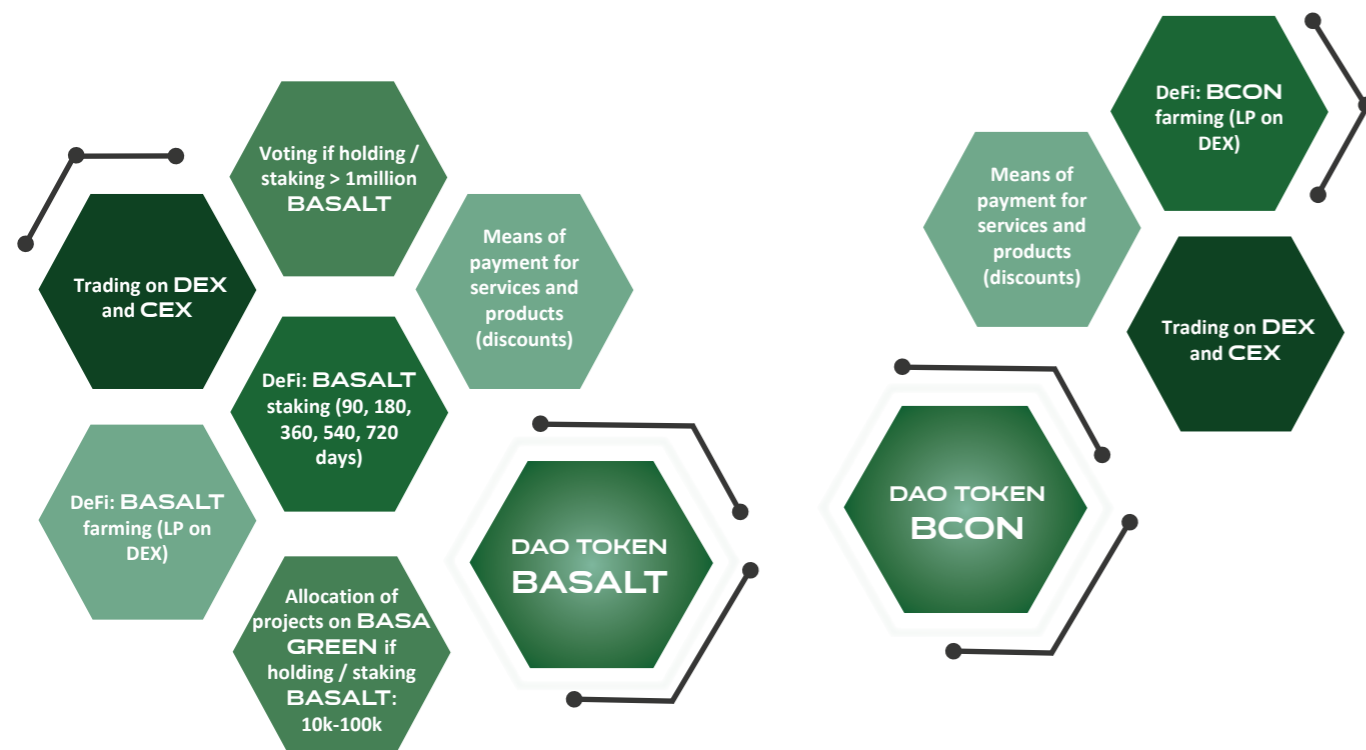


Fig. 7 - Utility of the tokens in the Basalt Coin project.

The circulation of the DAO token BASALT is limited to an emission of 1 billion tokens.

The utility of the DAO token BASALT is related to the following functions:

1. Ability of BASALT to be a means of access to green technology tokenization projects (through the Whitelist mechanism on the Launchpad service "BASA GREEN") and a means of voting when making decisions on the development of the ecosystem of crowdfunding venture capital investments in green technology projects "Basalt coin":

1.1. Ownership of a large package of BASALT (from 10,000 BASALT) entitles investors to get into the Whitelist of "green" technologies tokenization projects launched on the Launchpad service "BASA GREEN", allocation rights are differentiated by tier ("Tier"):

1.1.1. Tier 3: 10 000-50 000 BASALT,

1.1.2. Tier 2: 50 000-100 000 BASALT,

1.1.3. Tier 1: over 100 000 BASALT;

1.1. Ownership of a particularly large package of BASALT (from 1,000,000 BASALT) gives investors the ability to vote on the decisions of the Project Management Company (including the operations of BASA FUND), for example:

1.1.1. Decisions to invest funds of BASA FUND in projects by means of venture (investment) loan agreements in the form of cryptocurrency (USDT, BTC, ETH, etc.);

1.1.2. Decisions to convert BASA FUND investments into project assets under venture (investment) loan agreements;

1.1.3. Decisions to sell tokens of venture projects aimed at tokenization of "green" technologies through redemption of project tokens on the Launchpad service "BASA GREEN";

1.1.4. Decisions on the purchase of tokens from voting BASALT token holders as the ecosystem of crowdfunding venture investments in "BASA DAO" green technology projects develops;

1.1.5. Decisions on further development of the project as a whole.

2. BASALT has the potential to be a key means of payment for services and products within the Basalt Coin ecosystem, with token purchases incentivized through discounts.

3. The amount of BASALT tokens in circulation is limited by placing a package of tokens on the DeFi "staking" service (reward payment in BASALT tokens) with staking periods of 90, 180, 360, 540, and 720 days. Staking a large package of tokens (over 100,000 BASALT) for 720 days also entitles the holder to a free "cold" crypto wallet, BASA WALLET.

4. Encouraging liquidity provision in the BASALT/stablecoin trading pair on DEX (DeFi "farming" service with rewards in stablecoins and BASALT tokens).

5. Trading of BASALT tokens on decentralized (DEX) and centralized cryptocurrency exchanges (CEX).

The utility of the payment token BCON, limited in supply, is linked to the following functions:

1. BCON can serve as a key payment method for paying for services tariffs in the BASA CONNECT payment ecosystem, with token purchases incentivized by discounts.

2. Stimulating liquidity provision in the BCON/stablecoin trading pair on DEX (DeFi service "farming" with rewards in stablecoins and BCON tokens).

3. Trading the BCON token on decentralized (DEX) and centralized crypto exchanges (CEX).

ALLOCATION OF BASALT DAO TOKEN AND PAYMENT TOKEN BCON

Figure 8 and Table 3 show the allocation of BASALT tokens - the distribution of tokens among investors, affiliated persons, and project users.

As for the investment packages of tokens, as can be seen, Seed sale investors will receive 3.0% of the tokens. These early investors provide initial capital to launch the project, and their investments are critical to the project's success. Therefore, they are offered special conditions and maximum discounts relative to the price of the BASALT token in the Public sale round. Private 1 investors will receive 4.0% of the tokens, and Private 2 investors - 1.0%. These token sale rounds are usually conducted with large investors who provide valuable experience and connections to the project. 1.0% of the tokens will be allocated for the Public Sale round to provide an excellent opportunity for anyone who wants to become part of the Basalt Coin DAO community.

5.0% of the tokens will be allocated to Liquidity to provide sufficient market liquidity for the start of BASALT token trading on DEX.

7.0% of the tokens will be allocated to marketing expenses and partnership organization packages, which are used to promote the project and establish valuable partnerships with experts and influencers in the crypto industry.

A high share of 24.0% of the tokens will be allocated to rewards and incentives packages (including farming and staking). This is created to stimulate users to participate in the development of the ecosystem. As for affiliated persons, the team's share is 12.0% of the token allocation, and advisors' share is 3.0% of the

tokens, which provides sufficient incentives for participation in the project.

Additional token allocation packages are provided for 3 funds. The Venture DAO package (25% allocation) will be used to stimulate projects receiving support in the ecosystem, including in the form of grants. 7.0% of the tokens will be allocated to the reserve fund, which is intended to provide sufficient capital in case of unforeseen expenses. The remaining 10.0% of the tokens are intended to launch a hedge fund that will invest in various assets, diversifying the resource base of the Basalt Coin ecosystem.

BASALT - TOKEN ALLOCATION, %

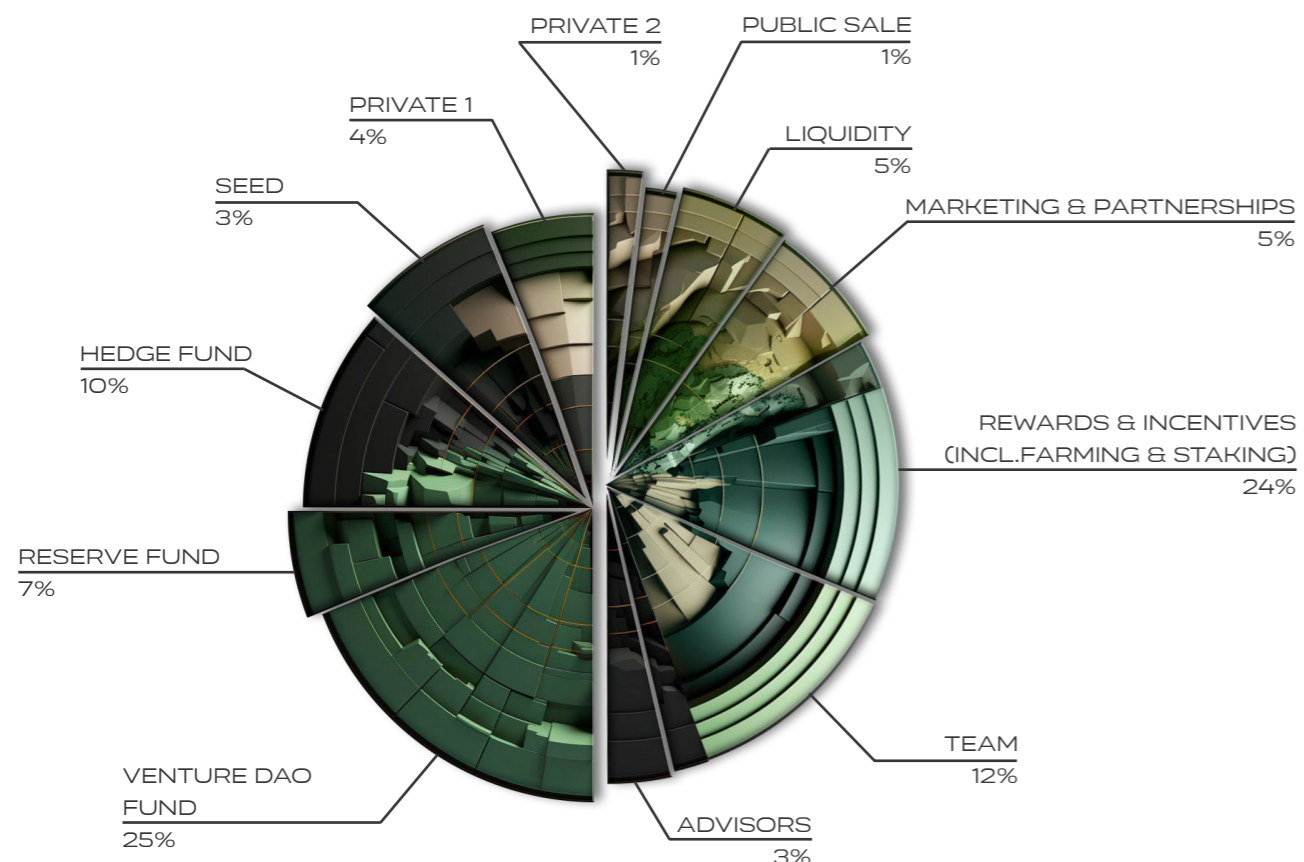


Fig. 8 – Allocation of the BASALT DAO token

BCON - TOKEN ALLOCATION, %

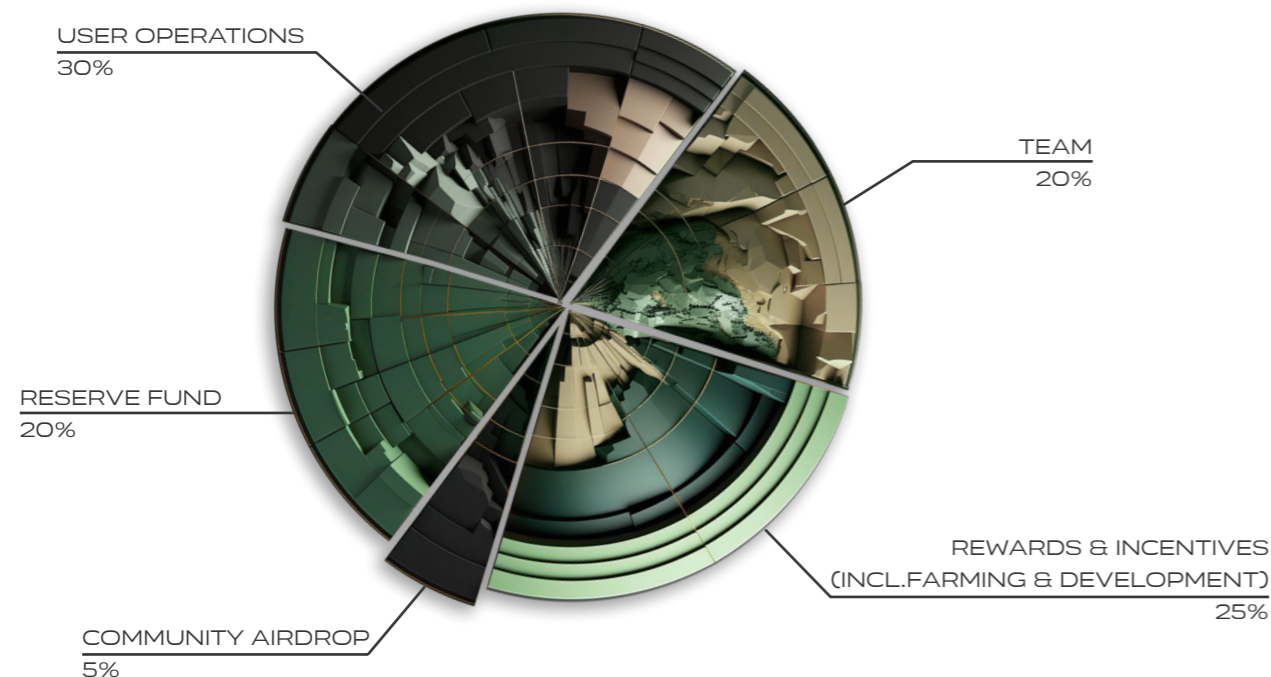


Fig. 9 – Allocation of the BCON token.

The distribution of BCON tokens involves five main token packages: user operations, team package, rewards and incentives package (including farming and development expenses), community airdrop, and reserve fund. Each of these packages is essential to ensure the effectiveness of BASA CONNECT payment system operations.

As seen in Figure 9, the largest allocation of BCON tokens goes to user operations, accounting for 30% of the total number of tokens. This category is responsible for ensuring the smooth operation of the platform so that users have access to BASA SWAP and BASA DEX payment services.

The team package accounts for 20% of the tokens, which provides incentives for the development of the project, the development and maintenance of the platform and all related services.

The rewards and incentives package accounts for 25% of the token allocation, providing a resource base for incentivizing users of Basalt Coin payment services, including token farming operations.

The community airdrop package accounts for 5% and is intended to reward early project users for their activity and actions to develop payment services.

The reserve fund accounts for 20% of the BCON tokens. This fund is used to cover unforeseen project expenses, finance future expenses related to the development of BASA SWAP and BASA DEX payment services, and ensure the long-term sustainability of the platform.

Table 3 Scheme of allocation and vesting of BASALT DAO tokens

		SEED	PRIVATE 1	PRIVATE 2	PUBLIC
	DISCOUNTS	70.00%	50.00%	30.00%	0.00%
ROUND TOKEN PACK	SHARE	PRICE, UDS	PACK VALUATION ON SALE, UDS	ON PUBLIC SALE, UDS	UNLOCK ON PUBLIC SALE, %
SEED	3,0%	\$0,0300	\$900 000	\$3 000 000	5,0%
PRIVATE 1	4,0%	\$0,0500	\$2 000 000	\$4 000 000	5,0%
PRIVATE 2	1,0%	\$0,0700	\$700 000	\$1 000 000	3,0%
PUBLIC SALE	1,0%	\$0,1000	\$1 000 000	\$1 000 000	10,0%
LIQUIDITY	5,0%	\$0,1000		\$5 000 000	100,0%
MARKETING & PARTNERSHIPS	5,0%	\$0,1000		\$5 000 000	1,0%
REWARDS & INCENTIVES (INCL. FARMING & STAKING)	24,0%	\$0,1000		\$24 000 000	2,0%
TEAM	12,0%	\$0,1000		\$12 000 000	2,0%
ADVISORS	3,0%	\$0,1000		\$3 000 000	3,0%
VENTURE DAO FUND (INCL. LAUNCHPAD INVESTMENTS AND DAO GRANTS)	25,0%	\$0,1000		\$25 000 000	0,0%
RESERVE FUND	7,0%	\$0,1000		\$7 000 000	0,0%
HEDGE FUND	10,0%	\$0,1000		\$10 000 000	0,0%
TOTAL	100,0%		\$4 600 000	\$100 000 000	

\$1 000 000 000					
PRICE ON SALE			\$0,1000		
ROUND TOKEN PACK	USD	CLIFF, MONTH	VESTING, MONTH	NUMBER OF RELEASES	1 RELEASE IN TOKENS
SEED	\$250 000	12	1	48	989 583
PRIVATE 1	\$200 000	12	1	48	791 667
PRIVATE 2	\$210 000	12	1	48	1 414 583
PUBLIC SALE	\$300 000	6	1	48	562 500
LIQUIDITY					
MARKETING & PARTNERSHIPS	\$70 000	18	3	20	3 465 000
REWARDS & INCENTIVES (INCL. FARMING & STAKING)	\$240 000	3	1	84	1 400 000
TEAM	\$240 000	18	3	16	7 350 000
ADVISORS	\$90 000	18	3	16	1 818 750
VENTURE DAO FUND (INCL. LAUNCHPAD INVESTMENTS AND DAO GRANTS)	\$0	3	1	84	2 976 190
RESERVE FUND	\$0	3	1	84	833 333
HEDGE FUND	\$0	3	1	84	1 190 476
TOTAL	\$1 600 000				

Table 4 – Scheme of allocation and vesting of BCON payment tokens

3 000 000 000						
EMISSION (TOKENS)	ROUND TOKEN PACK	SHARE	PRICE, UDS	PACK VALUATION ON SALE, UDS	ON TGE, UDS	UNLOCK ON PUBLIC SALE, %
USER OPERATIONS		30.0%	\$0.0100	\$9 000 000	\$9 000 000	20.0%
TEAM		20.0%	\$0.0100	\$6 000 000	\$6 000 000	20.0%
REWARDS & INCENTIVES (INCL. FARMING & DEVELOPMENT)		25.0%	\$0.0100	\$7 000 000	\$7 000 000	20.0%
COMMUNITY AIRDROP		5.0%	\$0.0100	\$1 500 000	\$1 500 000	0.0%
RESERVE FUND		20.0%	\$0.0100	\$6 000 000	\$6 000 000	20.0%
TOTAL		100.0%		\$30 000 000	\$30 000 000	

ROUND TOKEN PACK	SHARE	CLIFF, MONTH	VESTING, MONTH	NUMBER OF RELEASES	1 RELEASE IN TOKENS
USER OPERATIONS	\$1 800 000	3	1	48	15 000 000
TEAM	\$1 200 000	3	1	48	10 000 000
REWARDS & INCENTIVES (INCL. FARMING & DEVELOPMENT)	\$1 500 000	3	1	48	12 500 000
COMMUNITY AIRDROP	\$0	9	1	48	3 125 000
RESERVE FUND	\$1 200 000	3	1	48	10 000 000
TOTAL	\$5 700 000				

Explanations for Tables 3 and 4:

1. Round/Token Pack a package of tokens with special lock up and vesting (release) conditions.
2. Share the portion of tokens allocated to a specific token pack (expressed as a percentage of the total token issuance).
3. Price (USD) the token price set for the token pack and used for calculations.
4. Discounts discounts off the token price for different token packs (Seed sale, Private 1 sale, Private 2 sale, Public sale, etc.) compared to the token price at Public sale.
5. Pack valuation On sale (USD) the value of the token pack in US dollars at the time of its sale, PackQuantity*PackPrice.
6. Pack valuation on Public Sale (USD) the value of the token pack in US dollars at the time of the public sale, PackQuantity*PublicSalePrice.
7. Unlock on Public Sale, % and USD the percentage of the token pack unlocked at the Public sale stage, and the value of the unlocked token pack in US dollars at the time of the public sale, UnlockedPackQuantity*PublicSalePrice.
8. Cliff (month) the duration of the lock up period, in months AFTER the sale of the token pack (during the Cliff, the tokens remaining in this pack are locked).
9. Vesting (month) the number of months between two consecutive releases (=unlocks) of tokens in the token pack.
10. Number of releases the number of releases (unlocks) of tokens in the token pack until all tokens in the pack are unlocked.
11. 1 release in tokens the number of tokens to be unlocked in one release.
12. TGE (token generation event) the event of generating project tokens using a smart contract.

THE EFFICIENCY OF BASALT COIN PROJECT

The Basalt Coin ecosystem project demonstrates high efficiency both in terms of integral project efficiency parameters and investor profitability indicators (see Table 3, Figure 10, Figure 11).

Table 5 – Projected return on investment (ROI) of investors of the Basalt Coin project.

BASALT DAO TOKEN SALE ROUNDS	PROFITABILITY FOR THE FIRST TRANCHE - AFTER PUBLIC SALE, %	ROI FOR TOKENS RELEASED IN 2023 - 2026, % (WHEN SELLING 50% ON UNLOCK)	SHARE OF TOKENS RELEASED IN 2023 - 2026, %
ROUND «SEED SALE»	34,33	2782,90%	52,50%
ROUND «PRIVATE SALE 1»	20,63	1632,33%	52,58%
ROUND «PRIVATE SALE 2»	8,84	1034,00%	45,51%
ROUND «PUBLIC SALE 2»	20,59	809,60%	60,63%

DAO TOKEN BASALT PRICE AND PAYMENT TOKEN BCON PRICE



Fig. 10 – BASALT and BCON price forecast.

SALES VOLUME AND REGISTRATIONS

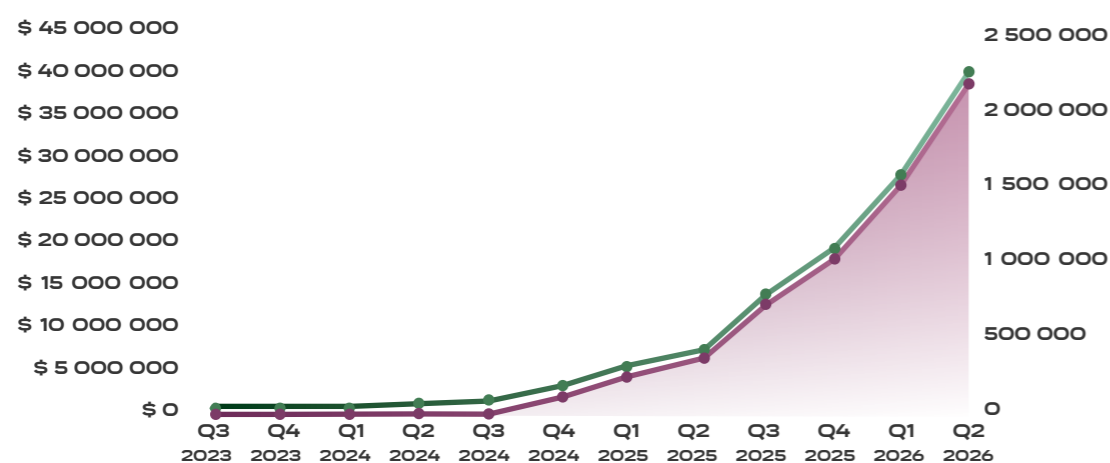


Fig. 11 – Sales and user forecast.

The projected audience for the project is expected to grow up to 4.5 million users during the period of 2023-2025, with project revenue increasing to more than \$ 80 million per quarter during this period. The financial model calculation also shows that the expected net present value (NPV) of the project for the period of 2023-2025 will be approximately \$ 171.12 million. The projected internal rate of return (IRR) for this period is more than 1765%. The project's payback period is expected to be 2 quarters. These data indicate the project's high potential and financial attractiveness.

BENEFITS OF INVESTING IN BASALT TOKEN

Investing in the Basalt Coin project through the purchase of BASALT DAO tokens provides several advantages:

- ◆ high token value due to their utility (DAO voting on investments, access to blockchain project allocations, discounts on ecosystem products, DeFi: staking and farming);
- ◆ low entry threshold for investors;
- ◆ simple, fast, and liquid investment entry and exit mechanism;
- ◆ high return on investment right after the first unlock (after the Public Sale round);
- ◆ DeFi opportunities: staking (deposit income) and farming (liquidity pools on DEX);
- ◆ additional discounts to the BASALT price for partners and joint projects.

Table 6 – Advantages of investing and partnering with the Basalt Coin project.

ADVANTAGES OF INVESTING IN THE BASALT TOKEN ON TOKEN SALE ROUNDS	INVESTMENT	INVESTMENT + PARTNERSHIP	INVESTMENT + JOINT PROJECT
ROUND «SEED SALE»	PRICE = \$0.03	PRICE = \$0.025	PRICE = \$0.02
ROUND «PRIVATE SALE 1»	PRICE = \$0.05	PRICE = \$0.045	PRICE = \$0.04
ROUND «PRIVATE SALE 2»	PRICE = \$0.07	PRICE = \$0.065	PRICE = \$0.06
ROUND «PUBLIC SALE 2»	PRICE = \$0.10	PRICE = \$0.09	PRICE = \$0.08
HIGH VALUE AND UTILITY OF THE BASALT TOKEN	A) DAO VOTIN B) ACCESS TO ALLOCATIONS ON THE LAUNCHPAD C) DISCOUNTS ON SERVICES AND PRODUCTS D) STAKING AND FARMING		
HIGN RETURN ON INVESTMENT AFTER THE FIRST TOKEN UNLOCK	RETURN FROM 13 TO 75% OF INVESTMENTS IN TRANCHE AFTER THE PUBLIC SALE ROUND		

7 BASALT COIN ROADMAP

In accordance with the top-priority development plans of Basalt Coin, MVP versions of BASA WALLET and BASA SWAP crypto exchange service will be launched during the first two quarters of 2023.

At the same time, the BASA FUND website will be launched, agreements will be reached with the project's first partners, and investments will be attracted through the sale of BASALT DAO token packages in Seed Sale, Private Sale 1, and Private Sale 2 rounds, which are necessary for the full realization of all project capabilities.

During the token sale, a referral program will also be available.

After the first rounds of the token sale, the BASALT token will be listed on decentralized exchanges (DEX), and BASALT token staking and farming programs will be launched.

In the third and fourth quarters of 2023, the BASA GREEN launchpad service is planned to be launched for the broad monetization of Web 3.0 projects. In addition, several NFT lottery issuances will be released for the giveaway of BASALT tokens and project and partner products, as well as BASA Card (bank cards) among the project community. The payment token BCON will also be listed on DEX with subsequent launch of BCON farming program.

In 2024, the project will launch the BASA CRUNCH accelerator and begin producing innovative products from basalt, including BASA CARD (bank cards) and BASA WALLET (cold wallets), obtained with materials. In addition, the project plans to sequentially list BASALT and BCON tokens on various centralized exchanges (CEX) and launch a next-generation secure decentralized exchange, BASA DEX v4, with full CEX functionality and low fees. The project also plans to conduct a smart contract audit with the help of leading auditing companies during this period.

BLOCKCHAIN BASIC PROTOCOLS

1. Market situation: stagnation in the crowdfunding and crowd investment market.

Strategy: step-by-step monetization and audience engagement:

- ◆ "short" monetization – launch of the already developed payment services BASA WALLET and BASA SWAP;
- ◆ "medium" monetization – launch of the BASA GREEN blockchain project launchpad;
- ◆ "long" monetization – launch of BASA FUND, BASA CRUNCH Accelerator, innovative BASA DEX with CEX capabilities.

2. Market situation: insufficient number of promising projects.

Strategy: development of a partner network and project management mechanism:

- ◆ wide project funnel: access to the community of inventors and IP objects through a partner network in the Green Tech and Web 3.0 sectors;
- ◆ improvement of project management mechanisms (assistance in promotion, competencies facilitation, capital attraction).

3. Market situation: economic uncertainty, demand for transition to Green Tech.

Strategy: detailed positioning of the project in the market and step-by-step monetization:

- ◆ in-depth market research (Customer Development) of the Green Tech market-searching for in-demand IP objects to launch;
- ◆ development of ecosystem services based on the requests of the main target audience (Green Tech investors and consumers);
- ◆ step-by-step monetization of the ecosystem - from "short-term" money (BASA WALLET and BASA SWAP payment services) to "long-term" money (BASA FUND, BASA DEX).

2023, Q1-Q2	2023, Q3-Q4	2024, Q1-Q2	2024, Q3-Q4
BASA FUND WEBSITE, PARTNERSHIPS, REFERRAL PROGRAM	LAUNCH OF THE BASA GREEN LAUNCHPAD SERVICE	LAUNCH OF THE BASA CRUNCH ACCELERATOR	LISTING OF THE BCON PAYMENT TOKEN ON CEX
TOKEN SALE OF THE BASALT DAO TOKEN	ISSUE OF LOTTERY NFT (MYSTERY BOX: TOKENS AND PRODUCTS)	ISSUE OF BASA WALLET AND BASA CARDS FROM BASALT	
LAUNCH OF THE BASA WALLET (CRYPTO WALLET) AND BASA SWAP SERVICE	ISSUE OF BANK CARDS BASA CARD	LISTING OF THE BASALT DAO TOKEN ON CEX	
BASALT LISTING ON DEX, BASALT STAKING AND FARMING	LAUNCH OF ARBITRAGE TRADING IN BASA SWAP		
	LISTING OF THE BCON PAYMENT TOKEN ON DEX, BCON FARMING		

Fig. 12 – Basalt Coin Project Roadmap

8 BASALT COIN TEAM



ALEXANDER VITKOVSKIY
FOUNDER

MSc in Jurisprudence, MSc in Psychology, MBA, business trainer and coach, 14+ years of experience in project management, problem-solving and stakeholder management with the multi domain expertise in business psychology, business administration, IT.



THOMAS HILL
CEO AND CO-FOUNDER

12+ years of tech expertise in Silicon Valley, working as director of engineering at Nutanix (USA) - a cloud computing company (6000+ employees), leading engineering and business partnerships in hardware and software platform solutions, launching ventures in crypto and blockchain.



BRADLEY PEAK
BUSINESS DEVELOPMENT

A prominent blockchain advisor with over 5 years' experience, Bradley has demonstrated exceptional leadership as Managing Director of a start-up incubator. With a track record of brokering significant B2B deals and leading successful investment rounds, he's also known for his networking skills and compelling speeches at global conferences.



IGOR BOKLAZHUK
BUSINESS DEVELOPMENT ADVISER AND CBDO

15+ years of experience in entrepreneurship, leading marketing teams, developing strategies for business development, founder of FINTOP ECOSYSTEM - resource provider for Web 3.0, launching ventures in crypto and blockchain.



PAVEL POMAZANOV
ADVISOR IN DEVELOPMENT AND CTO

MSc in IT, senior developer, team lead and crisis manager in blockchain projects, 10+ years of experience in entrepreneurship, 5+ years of expertise in blockchain, launched and managed 30+ blockchain ventures including crypto exchanges and funds, building and managing development teams, CTO and Partner of Fintop Ecosystem - resource provider for Web 3.0



VLADISLAV RUTSKIY
ADVISOR IN ECONOMICS AND CAO

Background: 7+ years of xperience in marketing and leading marketing teams, arranging marketing campaigns and events, 4+ years of promoting crypto and blockchain projects.

9 REFERENCES

1. BLOOMBERGNEF

Energy Transition Investment Trends 2022
<https://assets.bbhub.io/professional/sites/24/Energy-Transition-InvestmentTrends-Exec-Summary-2022.pdf>

2. FCF DEEPTech SERIES

CleanTech Venture Capital Report 2022
https://www.fcf.de/wp-content/uploads/FCF-Clean-Tech-Research_2022.pdf

3. MCKINSEY TECHNOLOGY TRENDS OUTLOOK 2022

<https://www.mckinsey.com/~media/mckinsey/business%20functions/mckinsey%20digital/our%20insights/the%20top%20trends%20in%20tech%202022/mckinsey-tech-trends-outlook-2022-full-report.pdf?shouldIndex=false>

4. COINMARKETCAP

<https://coinmarketcap.com/>

5. BANKLESS

<https://www.bankless.com/>

6. CRYPTOSLATE

BCG, Bitget, and Foresight Ventures report says real crypto expansion is coming
<https://cryptoslate.com/bcg-bitget-and-foresight-ventures-report-says-realcrypto-expansion-is-coming/>

7. 4TH ANNUAL GLOBAL CRYPTO HEDGE FUND REPORT 2022

<https://www.pwc.com/gx/en/financial-services/pdf/4th-annual-global-cryptohedge-fund-report-june-2022.pdf>

8. THE GLOBAL BLOCKCHAIN IN ENERGY MARKET REPORT 2022

<https://www.verifiedmarketresearch.com/product/blockchain-in-energymarket/>

9. CONSENSYS

Blockchain in Energy and Sustainability
<https://consensus.net/blockchain-use-cases/energy-and-sustainability/>

10. THE EVOLUTION OF DECENTRALIZED EXCHANGES

<https://coinmarketcap.com/alexandria/article/the-evolution-of-decentralizedexchanges>

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CONTACT

CT

E-MAIL

SUPPORT@BASALTCOIN.COM

MEDIA@BASALTCOIN.COM

TELEGRAM

[@BASALTCOIN](https://www.telegram.com/@BASALTCOIN)

SITE

[BASALT.COM](https://www.basalt.com)

LINKEDIN

[HTTPS://WWW.LINKEDIN.COM/COMPANY/BASALTCOIN/](https://www.linkedin.com/company/basaltcoin/)

