

# Overview of Technological Advantages of the Cwd.Global Blockchain Platform

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## Blockchain Technology

Blockchain is a technology that allows not only information but also valuables to be transmitted over the Internet. Information in blockchain is open to everyone. Also, the architecture initially involves multiple validation and duplication of information. What is stored in the blockchain cannot be deleted or changed. The combination of such features as decentralization, transfer of valuables, transparency and the inability to make changes makes blockchain an environment where trust is not needed and where there is no human element. This is why blockchain is an ideal foundation for building high-tech products focused on resiliency, security and automation. All blockchain projects, no matter which consensus technology they use, are characterized by decentralization and a lack of a single point of failure.

### Blockchain Core Powered by Graphene/Bitshares Technology

In our opinion, one of the most interesting projects that can be used as a development platform is the core of the Bitshares project.

It has never been at the top of capitalization ratings, it has not become super popular, but its underlying principles and technologies that were embedded into its source code were much ahead of their time.

And the principles were pretty simple:

decentralization + voting system = real democracy (not "on paper", but implemented technologically), no mining while maintaining high resiliency and decentralization – a DPoS consensus algorithm, also based on voting, which was new for those times.

All for speed: using a development stack that allowed to work directly with RAM and optimize the size of transactions, while preserving their human readability, resulted in a record throughput of up to 100k transactions per second.

In contrast to old and clumsy blockchains like Bitcoin, Bitshares allowed to assemble new blocks, and thus conduct transactions, in 3 seconds. This high performance made it possible to implement projects unimaginable for the time, such as: a fully decentralized exchange, where control over funds always remains with the owner of the keys; transactions are recorded very quickly (in three seconds) and there is no single point of failure, because each blockchain node was also an exchange server duplicating all information about transactions and balances. Bitshares decided to focus on the exchange functionality and added the ability to create compound currencies, input data from the outside world and link exchange rates to them, while still remaining fully decentralized.

Since the project's source codes were always open and there was fairly good documentation, some developers came up with an idea to use these outstanding features in their projects.

Based on the source codes of Bitshares, a social network, a copyright management system and several integrated business automation systems were built, and a new blockchain, which is already known to the general public as EOS, was developed and has already hit and was at the top of all rankings.

### Cwd.Global Blockchain Platform

Cwd.global is a platform created by a group of crypto-enthusiasts – developers, economists, investors and media personalities who came up with an ecosystem in which everyone would feel comfortable to work and develop, and were able to implement it using the Graphene/Bitshares blockchain technology. The basic principles of the community are as follows:

- Decentralization and equality – no single point of failure and control. All users of the platform are equal, and equality is guaranteed by smart contracts. This is the philosophy of blockchain technology itself.
- Transparency and anonymity – blockchain technology requires no trust between parties to the transaction. This allows you to maintain your privacy, as the blockchain itself is the guarantor of the transaction. All transactions are transparent and anonymous at the same time.
- Economics – we are against hype projects, every product must have a clear economic model.
- Longevity and stability – projects implemented on the platform, thanks to the smart contract technology (no human factor) and decentralization, should be able to run for a very long time, ideally indefinitely.
- Scalability – the project should be understandable to a large number of people regardless of country, nationality and language.
- The project should benefit the community.

The first block was generated on 22 March 2019. At the start of development, the Bitshares core had 49 transactions (10 more have now been added), and the cwd.global blockchain core already performs 120 different transactions.

Apart from the transactions, new objects and API methods have been added. \*API is the way any program interacts with another.

Completely new core functionality developed by us from scratch is:

- Decentralized gaming zone;
- Decentralized exchanger;

- Decentralized credit and collateral system;
- Sending messages via blockchain;
- System of referral rewards;
- Proof Of Crowd mining, a modified version of the Account Leasing type additional mining. \*Mining means mining of cryptocurrency.

This functionality is unique and at the moment no project in the world has all these features within one platform!

## What is Decentralization

An important concept for any system is the absence of a single critical point that enables control over the entire system. When designing and developing the functionality of `cwd.global`, the principles of decentralization, both from the technical point of view and in terms of decision-making and economics, are observed first and foremost.

The `cwd.global` blockchain is not headed by anyone, there is no centralized management, all decisions are made by the community through votes. Next, we will take a closer look at the platform's functionality and see for ourselves.

## What is Open Source Code and Why it is Important

Programmers write programs in a programming language, (e.g. the core of `cwd.global` blockchain is written in C++), this is called the source code, because its algorithms are written in a language that can be understood by a person (the programmer) and therefore another technically trained person can read this program and understand how it works. Correspondingly such person can check all the algorithms and even create a project of his or her own on the basis of the code they have read. This is why the source codes in commercial projects are protected and programmers sign non-disclosure agreements and so on, since after the program is written in a human-understandable language it should be translated into the language understood by the computer. This process is called compilation. At the moment of compilation the code written by the programmers turns into a set of commands understandable only to the computer. It's almost impossible to get the human-readable code back from the compiled "machine" code. When you install some program or game you usually install this very compiled program on your device. No one but the developers know how it works. You can usually only assess the result of the work, but you do not know how it works. Well, an open source project means that a program written in a language that people can understand is also kept in the public domain! That is, you not only see the result of the program, but if you want you can understand how it works! So, the `cwd.global` project is an open-source project. Anyone can see how the algorithms work. The largest and most trusted repository of source codes is GitHub, the source codes of the `cwd.global` blockchain core can be publicly accessed on GitHub site and are constantly updated when new functionality is added. Moreover, the witness servers first copy the source code from GitHub and then compile it into machine code in order to start generating blocks.

# Cwd.Global – a Platform for People

## History of Cwd.Global

The history of the cwd.global project began with the idea of making blockchain and cryptocurrency accessible to ordinary people. At the time of the project's inception, cryptocurrency was something incomprehensible, something a non-programmer was unable to understand. The cryptocurrency community consisted mostly of developers or investors that these developers worked for. In order to get even the most popular Bitcoin cryptocurrency, one had to either learn how to mine it using expensive equipment, or find some reliable person who would agree to sell the crypto. Or you could get registered at some dubious exchange and risk losing your money, or get registered at some popular exchange, go through KYC/AML procedures that can take up to several weeks and be rejected with even higher probability. Thus, all the benefits that cryptocurrency gave were available only to a limited circle of people.

The idea was to use blockchain technology to create a platform where everyone would have equal rights and opportunities. The platform should be decentralized and managed by the community. At that time there was a popular concept of DAO (Decentralized Autonomus Organization). But an important difference from everything that came before is that the small community of cwd.global that was there in the beginning set a goal to make technology simple and easy to understand! With the cwd.global platform, cryptocurrency was to become an asset that was accessible to everyone, and all they needed was a phone.

The platform is named after the phenomenon of Crowd Wisdom, a series of experiments that have shown that if an evaluative decision needs to be made, the community makes it more accurately than one person. The more people involved in the decision, the more accurate the result. However, without blockchain technology, it was not possible to implement this phenomenon on a large scale, and blockchain technology made it possible to transmit decisions anonymously and reliably, and in the future it will allow the platform to implement mechanisms for accurate decision-making, assessing complex issues, and even predicting the results of global world changes.

Initially, it was decided not to raise money for development from funds or investors in order to maintain the independence of the project. It was also decided not to list on external exchanges, but to develop the platform through the development of its own infrastructure and community growth. This decision allowed the platform in the early stages of development to protect itself against the speculative effects of the market, and to develop organically as the community, the number of transactions and the turnover of the CWD cryptocurrency grew.

## Solutions for Easy Interaction With the Platform

In addition to the development of the blockchain core, much attention was paid to the development of the so-called front-end, i.e. the interface through which users interact with the platform. The entire key functionality was implemented in the `cwd.global` web application.

This application was developed on the premise that it should first and foremost be easy to use for any user. And right now the `cwd.global` community includes a huge number of people of all ages who communicate in different languages. Involvement of designers and UI developers as well as the processing of feedback from the platform users allowed to have more than 25,000 members of the `cwd.global` community. Also, much attention is paid to the development of various helper bots that collect statistics, notify about various actions, and so on.

One of the interesting features of the blockchains powered by Graphene/Bitshares is named accounts, meaning that unlike Bitcoin or Ethereum you have a human-readable account name that you can use when making transactions instead of a wallet address.

## Community Building and Affiliate Programs

The `cwd.global` platform also has a mentoring system in the form of an affiliate blockchain-powered system. Each account on the platform is assigned a referral link. Each community member can tell other people about the platform and attach or send their referral link. Members are interested in onboarding new users, as they will later receive rewards for each action of their mentees on the platform. The platform has different affiliate programs for different products, some of them are embedded in the blockchain, some are developed by community members, and all of them allow the community to grow and develop without a centralized marketing budget, in an organic and sustainable manner. Affiliate programs allow members of the community to earn money by developing the community. The important difference between a blockchain-powered affiliate system and any other embodiment is that the referral is fixed in the blockchain forever. Community has developed a system of contracts, the most basic contract is called Start, the most advanced is Infinity. Contract activation is a paid operation, however the higher your contract status is the more opportunities you have on the platform. By purchasing a contract you show your intention to develop the platform. However, this is a completely voluntary decision, most of the functionality on the platform is available to all users without exception.

## Witness Servers

The witness servers of the `cwd.global` platform are called Witnesses. The primary purpose of witnesses is to verify the integrity of the blockchain and increase the reliability of the blockchain network. Some witnesses, who are elected by voting, become block producers, meaning that they not only verify blocks with transactions, but also create new blocks and get paid for doing so.

Graphene-powered blockchains operate as follows:

The client (a simple user of the system) in the simplest case has two keys, a public key and a private key. The private key is kept secret by the user, the public key is stored in the blockchain and linked to the user's account. The idea behind this public/private key encryption method is as follows: when a user sends a transaction to the blockchain, the user "signs" it with their private key. Signing is a mechanism for calculating a special checksum for the entire message. Further, any member of the blockchain network can verify the validity of the transaction by getting the client's public key. This crypto-mechanism is so secure that it would take billions of years to find a key pair with today's computer power.

For example, a client wants to transfer 100 CWD and forms a transaction (in fact, the client expressly indicates the account to which the transfer is to be made), signs it with the client's private key, and sends it to any witness. The witness receives the public key linked to the account from the blockchain, uses it to verify the validity of the transaction, and then the code associated with the transfer operation is executed so that the witness could check that the user's balance is sufficient and that the account to which the transfer is made also exists in the blockchain. If everything is OK, it sends this transaction to all witnesses available to it, which in turn forward it to all witnesses available to them, and so on until the transaction reaches the witness that is currently generating the block. It checks the transaction again and includes it into the block, then signs this block with the private key and sends it to all other witness. After that, witnesses that are chosen by the community to be block producers (and there can be only 21 of them at the moment) include this block and a link to the previous block into their chains.

## Hardforks and Technology Decision-Making

Developing the principles of decentralized management, decisions to add new features to the blockchain core are also made by the community. In the language of the crypto-industry, the change in blockchain logic is called a hardfork. It takes place as follows. First, the community decides in chat rooms and forums that some new functionality is needed, and then the technical experts from the community figure out how this functionality can be implemented. Then they find the programmers who can implement such an idea in the open source codes of the core. The programmers implement the idea and send it for testing. After that, the witness node owners announce whether they will support the new functionality or not. At this point, voting takes place for the witness servers, and each account on the platform may vote. If 51% or more of the witnesses voted for by the community have updated their witness nodes to match the new source codes, the new functionality will appear on the blockchain.



# Economic Model of Cwd.Global

## CWD Cryptocurrency, a Limited Resource

The functioning of almost any decentralized blockchain system is based on a cryptocurrency.

Cryptocurrency is a fairly new kind of money that has been made possible by the advent of blockchain technology.

The main differences between cryptocurrency and conventional electronic money are:

- Cryptocurrency is a finite resource, which is why it is often referred to as digital gold. Just as the gold reserves on the planet which are limited and, therefore, have a value, the stock of cryptocurrency is also limited by algorithms that anyone can check.
- Issuance is independent of human error and is prescribed in advance in the blockchain algorithms.
- It is independent of government and banks – the entire history of cryptocurrency transactions is stored on independent servers around the world.
- Funds are transferred almost instantly.
- Cryptocurrency allows anonymity.
- One can always know for sure how much cryptocurrency is currently in circulation.

The base cryptocurrency of the cwd.global blockchain is called CROWD and has a ticker symbol CWD. It can be obtained and spent in several ways, which will be described below.

## Transaction Fees

Because blockchain is a decentralized database that runs on users' computers, it is important to understand how computing resources are managed.

The main rule is that all transactions must be paid for. That is, any transaction requires a fee to be paid in the blockchain's base cryptocurrency. It is this restriction that allows reasonable use of resources of the block producer nodes, and is also a protection against all sorts of DOS attacks. In order to create a large number of transactions, it is necessary to pay for such transactions. A fee must be paid in the platform's base cryptocurrency for each action on a blockchain platform. Part of this fee is distributed in the form of various rewards to participants, and another part is consumed (or "reserved" as this term is used by Graphene/Bitshares), i.e. this way the platform's reserve fund is replenished.

Current fee allocation is as follows:

up to 58% is distributed under the affiliate program

40% is distributed among Gold Crowd holders

2% of undistributed profit from the affiliate program is consumed to replenish the reserve fund

## System Reserve Pool

Like with most cryptocurrencies, the maximum amount of CWD is limited and there is a certain amount of cryptocurrency currently in circulation. The difference between the maximum and the current amount is called the system reserve fund (or "Reserve Pool" as this term is used by Graphene/Bitshares).

The amount of cryptocurrency in circulation is constantly changing, it may increase or decrease due to the issuance or reservation of CWD.

## Delegated Proof of Stake Mining

This type of mining (cryptocurrency mining process) is necessary for the blockchain to function and for the owners of the witness servers on which the blockchain core runs to be rewarded for spending their resources. As we discussed earlier, the main purpose of witnesses is to verify the validity of data contained in transactions and then write the verified data to the blockchain. A witness receives a reward in the blockchain's main cryptocurrency, CWD, for each assembled block. In this way, the issue of new CWD is guaranteed. The witness servers are chosen by universal voting with their balances (Stake). This is why this type of mining is called Delegated Proof of Stake (DPoS)

## Proof of Crowd Mining

Another way to obtain CWD on the platform is to use a modified Crypto Staking algorithm powered by the Crowd Wisdom mechanism. Its essence is that any platform user can freeze some of their assets, thus as if temporarily withdrawing them from circulation. As there is less CWD freely available, this increases the value of the asset in the moment. Users are rewarded by the system for freezing their assets in CWD. The key feature of this method is that the reward is determined by the community through regular Crowd Wisdom votes.

## Workers

The `cwd.global` blockchain has a concept called "workers". Each day, a certain amount of CWD is allocated from the reserve pool and distributed to workers voted by the community. In this way, the blockchain can hire its own employees to perform tasks that the community needs. That is, each of you can work for a computer program.

## GOLD Crowd

In addition to CWD, the platform has several other system assets, one of which is Gold Crowd (GCWD), a kind of crypto-share of the platform. Their number is also strictly limited, and they return a portion of the platform's fee to the holders. Initially, GCWDs are listed on an embedded decentralized exchange, and the proceeds from their sale are consumed to replenish the reserve fund.

## Crowd Credits

Existence of an affiliate program and, consequently, constant income that does not depend on the actions of a participant, allowed to implement such a concept as Crowd Credit, which is another source of replenishment of the reserve fund of the platform. Its essence is that any participant who has an affiliate income can obtain a credit from the reserve fund at an interest rate higher than in the case of holding a time token. The credit is repaid automatically from the income under the affiliate program.

## Products on the Platform

### Decentralized Exchanger

One of the most important tools of the platform is the decentralized exchanger CWDex. The decentralized exchanger allows members of the `cwd.global` community to exchange any cryptocurrency, e-money and even fiat money to and from CWD. Reliability of the transactions is guaranteed by special smart contracts. The peculiarity of this exchanger is that it is fully decentralized, it is part of the blockchain core, which means that the human element and fraud in transactions are excluded. Decentralized exchanger made it possible to decentralize the exchange of any currency to and from CWD. Exchangers are the same users of the platform as everyone else, they earn from the difference of purchase and sale rates. Exchangers define their own exchange rate, based on supply and demand. This is how the fair market price of CWD cryptocurrency is determined.

### Decentralized Gaming Zone

A decentralized gaming zone is a place where members of the `cwd.global` community play against each other and where there is no such thing as casino or any other beneficiaries other than the players. A special mechanism to determine the winner has been developed on the basis of the blockchain used in the smart contracts of these games. All transactions are transparent and all algorithms are contained in the open source code. This makes it possible to create fair games where the outcome cannot be predicted or falsified.

There are currently 3 products in the gaming zone

### Heads or Tails

A simple coin toss game, one player bets on heads and the other on tails. A player can propose a bet or respond to existing bets made by other players. To ensure that all nodes on the blockchain determine the winner in the same way, a blockchain object must be used as the random number generator. We use our unique technology called "Block From the Future". Its essence is that after a bet is responded, the bet is marked as pending. The winner is determined when generating the next block based on the hash of that block. That is, at the time of the bet response this block doesn't exist yet, which means the result cannot be predicted.

Algorithmic probability of winning is 50/50. According to the historical data for one day the probability of winning was 49.991/50.009, i.e. we got a historical confirmation of the correctness of the gaming zone algorithms.

Currently, heads or tails is played about 200,000 times per month, with monthly CWD turnover of about 2,000,000 CWD.

### Big Roll Drawings

The fair and transparent drawing mechanism for the Big Roll is implemented in the gaming zone using the same technology of random number generation on the basis of blocks from the future. Its essence is that participants with Infinity status can create drawings of valuable prizes on their own terms, determine the number of participants and the cost of one ticket. Once all the tickets for the drawing are sold, the blockchain determines the winner. The smart contracts then ensure that the winner receives the prize and that the drawing initiator gets the profit from the tickets sold. To date, more than 400 drawings have been conducted on the platform.

### Matrix Financial Acceleration Game

Matrix is a product of the community which was invented and implemented by members of the cwd.global community. The game is about opening rooms on different levels. The cost of opening each level is different and is equal to the prize for passing the previous level. You pass a level at the moment when new players enter your open room. The game is about developing the best strategy to pass as many levels as possible while the game is active. The game is activated every day and lasts 15 minutes. The platform allows you to keep track of the order in which rooms are opened on different levels and saves this history in the blockchain. Therefore, all activities in the game are completely transparent and prizes for completing levels are paid out automatically using smart contracts.

### Decentralized Exchange

Decentralized exchange is usually called DEX.

## DEX technologies

Unlike centralized exchanges, using which you transfer your funds into management, all exchange functionality on [cwd.global](#) platform is the same as the basic functionality of the blockchain core, which means that you yourself carry out all transactions and at any time have full control over your funds, and after the transaction is completed, the funds go directly to your crypto wallet. All transactions on the exchange take place using smart contracts.

As we have said before, the [cwd.global](#) project is built on the Graphene/Bitshares technology, which was primarily developed as an alternative to traditional centralized exchanges. That is why this technology was originally designed to provide a high number of transactions!

Another feature of our exchange is the open API which allows the creation of trading robots or robo-advisors for trading on the exchange. Since blockchain is the basis for the Internet of Things, this capability is essential for multi-clearing transactions, whereby robots, machines and programs can exchange one digitalized resource for another.

## DEX Operating Principles

To start trading on a decentralized exchange, you only need to have an account on the [cwd.global](#) platform. All trading is built into the blockchain core. You place your own buy or sell orders and trade with other platform participants just like you. Demand and supply are determined by the participants of the trading process as a set of orders in the so-called depths of market.

The price of an asset is the price at which the last trade was executed. You can place an order to buy or sell any asset traded on an exchange; this is known as placing an order. When you place an order, the funds required to execute the order are frozen in your account. You may cancel the order at any time before it executes. An order will be executed when another party places a counter-order that satisfies your conditions. Orders can also be executed in part, for example if you want to sell 100 mGCWD at 30 CWD and another participant only wants to buy 20 mGCWD at this price, your order will be fulfilled partially, meaning that you will receive 600 CWD into your account and 80 mGCWD will remain frozen until you cancel the order or it is fulfilled completely.

## DEX Trading Pairs on Cwd.Global

On the exchange you can exchange one cryptoasset for another, at a price that suits you and the other bidder. At the moment, you can trade in the following pairs on the exchange:

- CWD/GCWD: GCWD is a cryptoasset that is embedded in the underlying functionality of the cwd.global blockchain and generates revenue for its owners depending on activity on the platform. GCWD cannot be fractional. GCWD is suitable for long-term investment because in addition to generating profits from activity, it also dynamically grows in value as the platform evolves.
- CWD/mGCWD is 1/1000 GCWD, a very active and volatile asset, good for speculative trading.
- CWD/CROWD.BTC: CROWD.BTC is a bitcoin gateway proxy currency that is always equal to 1 BTC. To convert CWD into bitcoin, you must first buy CROWD.BTC on the exchange, and then, through the gateway, send it to your BTC wallet.
- mGCWD/GCWD: here you can buy GCWD for mGCWD and vice versa.

## Is it Possible to Add Your Own Currency?

Yes, as on any decentralized exchange any user has an opportunity to issue their own cryptoasset. In fact, you can have an ICO for your own product on the exchange. An example of the creation of such a currency is the Diamond token, which will soon appear on the exchange. However, for tokens that are not underlying in blockchain (such as CWD and GCWD, SILVER), you need to understand where the value of the currency comes from and who issued it.

## Stable Cryptocurrencies on the Cwd.Global Platform

Technically, the cwd.global platform has the ability to create stable cryptocurrencies tied to fiat currencies or other valuables. These are implemented by freezing CWD. Stable currencies may be released in the future.

## Community Products

Any member of the cwd.global community can offer and implement their product on the platform. There are two types of products: those that work at the blockchain core level, entirely on smart contracts, are called blockchain applications, and those that are connected to blockchain but work independently are called off-chain applications.

## What are Blockchain Applications

A blockchain application is a fully decentralized application that runs at the blockchain core level and cannot have a centralized beneficiary. Typically, the decision to implement such applications is made by the community, and then a hardfork is required to activate the application. Examples of such applications include: Matrix game, Decentralized Exchanger and Crowd Collateral mechanism. Let us take a closer look at what Crowd Collateral is.

## Crowd Collateral

There are several cryptocurrencies and tokens that exist on the cwd.global platform. At the suggestion of the community, typed smart contracts have been developed that allow borrowing one cryptocurrency against the collateral of another and specify the repayment period and lender's profit. If the required amount is not paid within the specified deadline, the collateral smart contract is automatically activated and transfers the collateral to the lender's account. If the contract has been paid by the due date, the collateral is returned to the collateral provider's account. Thus, the blockchain is the guarantor of the transaction!

## What are Off-Chain Applications

Off-chain applications are those that use blockchain functionality and earn on the platform, but are not part of the core. Blockchain of cwd.global has a developed API (interface for automatic interaction), as well as available libraries for developing its applications in languages such as C++, Python and Node.JS. You do not need to coordinate with the community any off-chain application you would like to implement. You simply implement it! By implementing an application using the cwd.global platform you get a large loyal community and fast monetization.

Below are examples of popular off-chain applications developed by members of the cwd.global community.

### Helper Bot

Telegram bot that collects and regularly sends statistics on the use of the platform, and sends push notifications of transactions in which your account was involved. This bot is monetized through a paid monthly subscription worth 1 CWD per month.

### Gateway for Online Shops

This is an open source code of the project in Python that allows you to receive CWD as a means of payment. <https://github.com/cwd.global-biz/cwd-auth-gateway>

### Cwd.Global School

An interesting bot that pays out referral fees when you buy access to the cwd.global school. Thus the owners of the school receive targeted advertising and pay only for the result, and those mentors who send their mentees for training receive remuneration for this. All transactions in the blockchain are transparent, so if the account of the school received a payment, but the referral payment was not made, the partners of the platform will immediately see it and the reputation of the school will suffer. This is a good example, which shows that even when creating an off-chain application, honesty and transparency are very important for blockchain business.

### More or Less Game

The first off-chain game that allows you to allocate CWD to your own gaming platform and makes payouts of winnings also in CWD.

## Tokenization of Business on the CWD Platform

In addition to application development, you can carry out crowdfunding projects on the [cwg.global](https://cwg.global) platform by issuing your own tokens. For example, you decide to do some project, not even necessarily on blockchain. You describe your idea to the community, issue a token on the [cwg.global](https://cwg.global) platform, and sell it on a decentralized exchange. You can decide on your own how you are going to fulfil your token obligations, such as accepting them for payment when your project is launched, or exchanging those tokens for goods and services, or distributing a portion of the profits to the token holders. Since the tokens are immediately available on the decentralized exchange at the time of issuance, you can sell them using any algorithm you want. For example, those who make early purchases will be able to get tokens at the best price. To do that, you only need to place orders to sell your tokens in the desired amount and at the desired price. Of course, for your tokens to be bought you need to have a good reputation in the community.

The first tokenized project was the online casino Diamond. Its tokens are already being sold on the platform.

### Diamond, Casino With a Blockchain-Powered Dividend System

A DIAMOND token is a cryptoasset, similar to a preferred share. Each token will bring the holder a portion of the profits from the operation of the online casino Diamond. The creators of the casino, having tokenized their future business, received sufficient funding to develop and advertise their business.

## CrowdHack Hackathon

In September 2020, the first hackathon on the [cwg.global](https://cwg.global) platform was held. The potential of the [cwg.global](https://cwg.global) platform is almost limitless, the blockchain core is based on Graphene 2.0 technology, with a speed of up to 100,000 transactions per second, and the time required to generate a new block is only 5 seconds. Therefore, the [cwg.global](https://cwg.global) blockchain is the ideal environment for integrating services from our everyday lives and creating new, revolutionary projects.

This is why it was decided to involve IT specialists capable of taking a fresh look at the challenges of the future and implement these projects with the support of the [cwg.global](https://cwg.global) community.

By bringing new developers to the [cwg.global](https://cwg.global) platform as part of the hackathon, the community got a chance to connect with developers and implement even more interesting products!

Blockchain technology will inevitably penetrate all spheres of life. As part of the hackathon, the [cwg.global](https://cwg.global) community has identified the highest priority areas:

- **Finance** – decentralized financial instruments, crowdfunding and crowdsourcing. Cryptocurrency gateways and smart contracts for atomic exchanges.



- **Medicine** – electronic medical records, analytics systems, smart diagnosticians, quality control of pharmaceutical products
- **Law** – smart contracts that allow you to dispose of your electronic assets in a new way (cryptocurrency inheritance, marriage contract, decentralized identity verification)
- **Internet of Things** – creation of autonomous devices that can conduct mutual settlements independently without human involvement.
- **Smart city environment** – accumulation of reliable data required to make decisions on city management. Automation of housing and utilities sector and so on.
- **Gaming industry** – development of decentralized games, development of trusted data providers in blockchain (Oracles)
- **Show business and entertainment industry** – digital copyright management, event ticketing, decentralized streaming and storage of copyrighted content.
- **Attention economics** – the ability to earn cryptocurrency by consuming or creating content or activity on social networks. This section needs parsers, validators, task verification systems. Educational systems with monetization.
- **Data storage and document flow** – organization of meaningful document flow, creation of smart documents that guarantee their performance.
- **Creating decentralized businesses** – global businesses whose ownership structure is stored in blockchain, automatic distribution of profits and redistribution of assets. Operation of decentralized teams.
- **Integration with existing businesses** – connecting traditional businesses to the cwd.global platform. Customer search and acquisition.
- **Artificial intelligence** – blockchain-powered neural network services

## Prospects for the Development of the Cwd.Global Platform

The first projects have already been implemented, and thousands of users have appreciated the decentralized services offered by the cwd.global community. Every day more and more enthusiasts join the cwd.global ecosystem. In the near future we plan to translate the interface into more languages in order to scale the platform worldwide. Integration with the interplanetary file system IPFS, which solves the problem of storing virtually any amount of data, is already underway.

Forums and venues for collaborative work should soon emerge. More and more presentations are taking place in different countries. The community is growing and developing.

In the near future, we plan to launch projects in the field of attention economics and forecasting.

As you can see, the potential of the cwd.global platform and technology is fantastic. The main slogan of the cwd.global platform and community is "The Future is Already Here"! And it really is!