



# WHITE PAPER

## LIGHTCASH BLOCKCHAIN SYSTEM





LIGHTCASH

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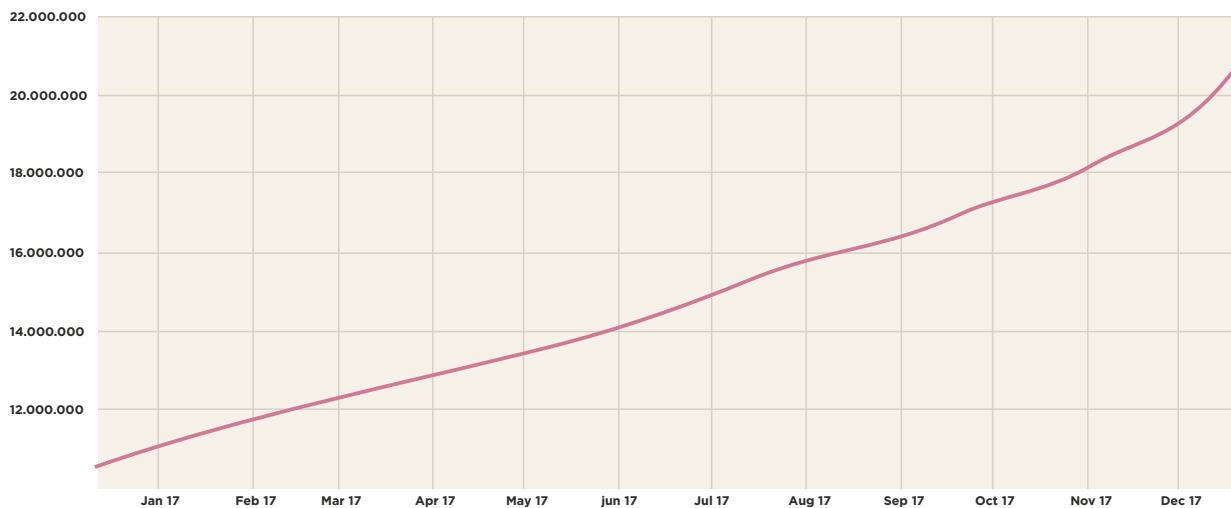
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# 1 CRYPTOCURRENCIES IN REAL LIFE:

## COMPLEXITY AND LIMITATIONS

Since the introduction of Bitcoin, cryptocurrencies have been developing very quickly. By December 2017, the capitalization of the world's cryptocurrencies surpassed \$500 million, breaking the previous month's record-breaking \$200 million.

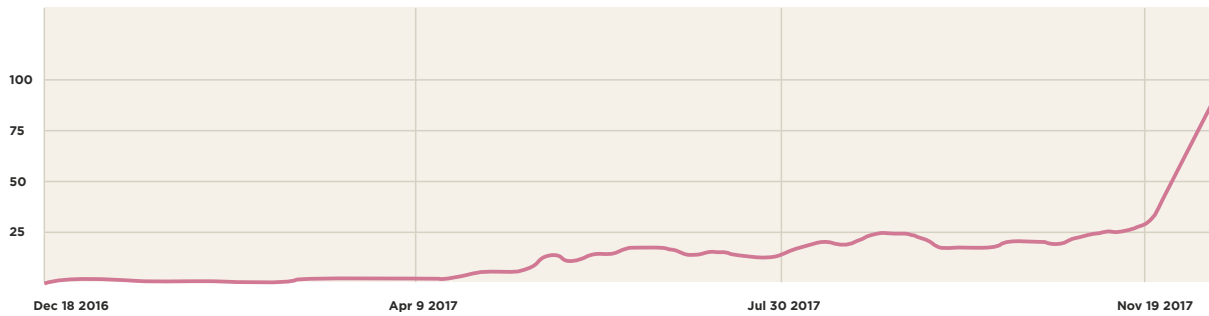
According to Blockchain.info, there are more than 20 millions users of blockchain wallets in the world. Over the past year, this number increased by 10 million.



Research conducted by scientists at Cambridge University revealed that in the spring of 2017, the number of active cryptocurrency users was only between 2.9 million and 5.8 million. The skyrocketing growth of Bitcoin, however, has sparked an increase in interest in the cryptocurrencies. By the end of 2017, the number of users had grown significantly, with the Coinbase Cryptocurrency platform reportedly having more than 13 million active users.



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Growth of Interest in Cryptocurrency and Blockchain Topics Over 12 Months. Data Source: Google Trends

There are also smaller regional cryptocurrency exchanges, such as Japan-based Bitflyer and South Korean Bithumb, which have approximately 1 million users each. The number of businesses accepting cryptocurrencies as a payment method is also growing. There are now dozens of big companies and hundreds of small and medium-sized businesses on this list. Blockchain startups, ICO's, and other crypto-related topics are continuously discussed in the media, both offline and online, as well as on television. Analysts constantly publish reports about new tech perspectives. For example, according to data revealed during the World Economic Forum, the Blockchain will be responsible for 10% of global GDP by 2025.

## 1.1. NOT SO EASY: THE NUMBER OF CRYPTO USERS IS GROWING MORE SLOWLY THAN IT COULD

Taking all of the above mentioned facts into account, we must also admit a less than pleasing fact: there are now approximately 20 million crypto users worldwide, which is too small for the global economy. In comparison, traditional banks have hundreds of millions customers, and their user base is growing at a much higher pace. According to World Bank data, in the period from 2011 to 2014 alone, the number of 'banked' people increased by 700 million.

The difference is explained by the simple fact that banks are working with traditional or 'fiat' money, which is common and easy to use in real life, both offline and online, due in part to developing payment technologies such as contactless payments. Conversely, the use of cryptocurrency seems difficult and risky for most fiat money users. The constant price fluctuations of popular crypto coins also add to concerns.



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## 1.2. VOLATILITY AS A PROBLEM

From the average person's point of view, the main obstacle to using crypto is its high volatility. The price of popular coins can go up and down significantly in a very short period of time.

Take Bitcoin, for example. At the beginning of 2017 its price was approximately \$1,000, and by the end of the year it had skyrocketed to \$13,700. That sounds pretty cool, but by mid-December 2017 its value was actually around \$19,783. The cost of such fluctuations for cryptocurrency holders approached \$1 billion.

This is why many cryptocurrency wallet owners use them only for speculation, in the hope of gaining some profit from these price fluctuations, and not for usage of crypto for everyday purchases.

## 1.3. HOW TO FIX THIS

For the optimistic future of blockchain as described by analysts to come true, a tool will need to be created to minimize the traditional limitations of cryptocurrencies, and to allow the maximum use of their advantages.

Our new LightCash service solves these very problems. Its internal cryptocurrency, the LCCT, is not mined, but is instead secured by real gold from mines and ore deposits in Russia.



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## 2 ERASING BOUNDARIES BETWEEN THE REAL WORLD AND BLOCKCHAIN: THE LIGHTCASH PROJECT

The world of traditional finance has its own shortcomings. One of the biggest is high transactional costs and excessive fees for third-party participants. This problem increases significantly when there is a need for cross-border payments. The participants lose significant amounts of money on currency exchange and the commissions of banks, payment systems, and processing and acquisition companies. In some cases the payment from one party to another passes through up to six different channels, incurring additional fees and time delays through each one.

Blockchain technology can be used to minimize costs, as well as to simplify and speed up cross-border financial operations. This has the potential to generate significant money flows in the global economy. According to World Bank's estimates, if the cost of cross-border payments decreased by 5%, this would amount to \$16 billion of savings per year!

The blockchain-based LightCash service provides a mechanism for convenient transactions and instant operations, both with fiat money and cryptocurrencies. With this new tool, users are able to buy goods and services with cryptocurrency, instead of being limited to using only fiat. Transactions can be carried out with low commissions at a large selection of payment terminals and on ecommerce websites.

The LightCash iOS and Android mobile apps provide maximum ease of use and speed when managing finances. Unlike dealing with traditional banks, there is no excessive paperwork, and no need to wait for your card to be issued. The LightCash platform algorithms provide an effective, automated currency exchange rate comparison, which can be used for P2P exchanges on different cryptocurrency exchanges. In the near future LightCash also plans to introduce a number of free banking services.



## 2.1. LIGHTCASH FEATURES

The LightCash platform includes the following features:

- Online wallets for fiat money and cryptocurrencies;
- Internal exchange and investment applications for the Top 100 cryptocurrencies;
- Legal exchange of fiat and cryptocurrencies with low commissions;
- A variety of payment methods for individuals and business (including contactless payments and QR codes);
- Virtual and plastic cards linked to each user's personal wallet;
- Deposit and withdrawal of funds using bank cards issued by popular payment systems;
- Corporate accounts for businesses;
- Money transfers using the SWIFT and SEPA international payment systems.

## 2.2. HOW THE LIGHTCASH PLATFORM FUNCTIONS

When an account is opened in the LightCash system, a token account is automatically generated, which is then automatically linked to an online wallet and the user's mobile phone number.

The user can then add funds to his electronic wallet with fiat money, bank cards, or other payment systems, as well as with cryptocurrency using his token account.

The LightCash system includes several key features:

- 1.** An internal exchange module for trading LightCash tokens. In the future, trading functionality will be introduced for the trading of currency pairs, including: USD, EUR, RUB, PLN, UAH, BTC, LTC, DOGE, DASH, ETH, WAVES, ZEC, USDT, XMR, XRP, KICK, ETC, BCH, etc.;



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Pay Transfer Deposit Bank cards Withdrawal Coin box Exchange Q

Last price \$0.770000 (+2.64%) 24 hour volume \$5692.20 Buying rate \$0.004254 Selling rate \$0.769783 Spread 0.005%



## Buy LCSH

Price  USD/LCSH

Quantity  LCSH

Total  USD (\$)

Buying rate: 0.004254

BUY LCSH

## Sell LCCT

Price  USD/LCCT

Quantity  LCCT

Total  USD (\$)

Selling rate: 0.769743

SELL LCCT

### Purchase Orders

| Total USD (\$) | USD (\$) | LCSH   | Price    |
|----------------|----------|--------|----------|
| 13.461         | 13.461   | 17.487 | 0.769743 |
| 14.627         | 1.166    | 1.515  | 0.769636 |
| 24.627         | 10.000   | 13.059 | 0.765755 |
| 26.627         | 2.000    | 2.612  | 0.765696 |
| 29.181         | 2.554    | 3.339  | 0.764899 |
| 29.596         | 0.415    | 0.543  | 0.764272 |
| 31.596         | 2.000    | 2.625  | 0.761904 |
| 34.485         | 2.889    | 3.792  | 0.761897 |
| 42.366         | 7.881    | 2.625  | 0.761904 |
| 105.143        | 62.777   | 82.521 | 0.760739 |

### Orders for sale

| Price    | LCSH   | USD (\$) | Total USD (\$) |
|----------|--------|----------|----------------|
| 0.769783 | 1.429  | 1.100    | 1.100          |
| 0.769823 | 1.299  | 1.000    | 2.100          |
| 0.770184 | 3.896  | 3.000    | 5.100          |
| 0.770239 | 12.983 | 10.000   | 15.100         |
| 0.782992 | 26.524 | 20.768   | 35.868         |
| 0.789995 | 10.314 | 8.148    | 44.016         |
| 0.799877 | 32.350 | 25.876   | 69.892         |
| 0.799900 | 50.000 | 39.995   | 109.887        |
| 0.799985 | 13.054 | 10.443   | 120.330        |
| 0.800000 | 47.695 | 38.156   | 158.486        |

### History

| Date           | Price    | LCSH   | USD (\$) |
|----------------|----------|--------|----------|
| 9 seconds ago  | 0.770000 | 1.300  | 1.001    |
| 18 seconds ago | 0.769500 | 2.000  | 1.539    |
| 54 seconds ago | 0.769870 | 1.082  | 0.833    |
| 1 minute ago   | 0.812500 | 0.016  | 0.013    |
| 5 minute ago   | 0.774647 | 0.071  | 0.055    |
| 5 minute ago   | 0.769826 | 14.363 | 11.057   |
| 5 minute ago   | 0.769201 | 2.656  | 2.043    |
| 5 minute ago   | 0.769293 | 1.244  | 0.957    |
| 5 minute ago   | 0.769303 | 11.786 | 9.067    |
| 5 minute ago   | 0.769291 | 23.081 | 17.756   |

2. A crowdfunding module which allows crowdfunding campaigns to be conducted with the use of a LightCash internal cryptocurrency. Functionality is included for running a mini-ICO using your custom-created coins. To start a fundraising project you will need to purchase LightCash cryptocurrency to pay a small service commission;



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- 3.** Dividend-based income option for users participating in the LightCash ICO. These participants will receive this additional bonus if they choose to place their tokens in a special deposit account in the LightCash system. Dividend payment amounts will be dependent on the time period during which their tokens are deposited;
- 4.** An online store module for buying and selling goods and services in exchange for a user's project-customized internal currency;
- 5.** A user dashboard that allows users to use their existing cryptocurrency to buy goods and services on the Internet and offline, using the proprietary LightCash API;
- 6.** Virtual and plastic cards, with the option of contactless payment, will be available in the near future;
- 7.** Money transfers and payments via the SWIFT and SEPA international payment systems;
- 8.** Corporate LightCash accounts, with the option to receive customer payments by QR code.

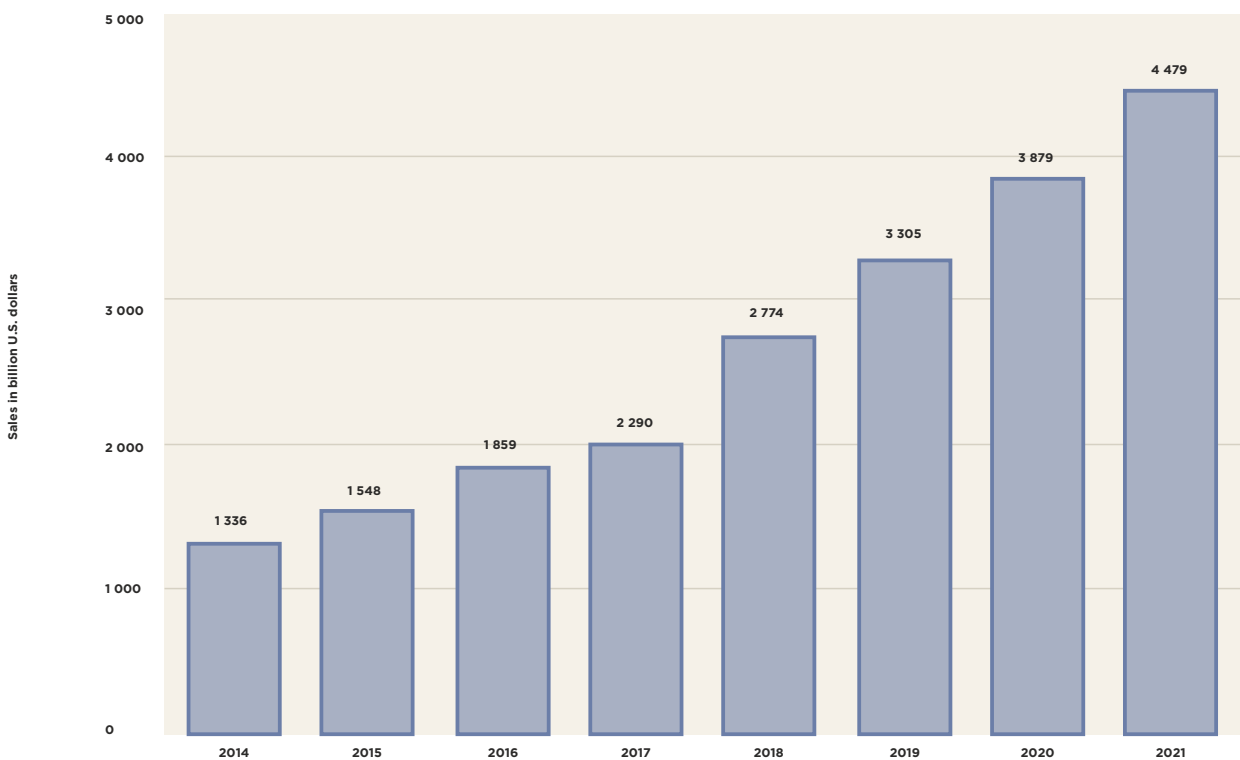
In the future, business problems related to international payments and transfers will be resolved by the introduction of smart contracts.



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### 3 MARKET OPPORTUNITY, BUSINESS MODEL, LEGAL ASPECTS

According to the analytical company Statista, the volume of the global e-commerce market in 2016 exceeded \$1.8 trillion. Forecasts estimate that by 2021 this figure will grow to almost \$4.5 trillion. Statista further forecasted that the number of people buying online will grow from 1.66 billion people in 2017 to more than 2 billion people by 2020.





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Boston Consulting Group estimated that the global volume of online payments in 2015 was \$16 trillion, and they predict that by 2020 it should grow to more than \$21 trillion.

Consequently, they predict major changes in the digital payment industry. The main trends in this area will be:

- Simplification of the purchase process due to the penetration of smartphones and the spread of new technologies, from biometrics and tokenization to blockchain and cryptocurrencies;
- A growing number of global companies that will accept payments with a smartphone. Their number is expected to grow by more than ten times by 2020;
- Payment mobilization. Until recently, the mobile payments market in the US was \$8.6 billion, and by 2021 it is expected to grow to \$274 billion. The total share of mobile payments in global ecommerce was 23.6% in 2015, and by 2020 is expected to exceed 48%.

McKinsey & Company has estimated that global companies engaged in the digital payments market earned profits of \$1.8 trillion in 2015, and by 2020 these figures should reach or exceed \$2.2 trillion. The LightCash project will be positioned well to capitalize on the opportunities in this market.

## **3.1. SECURING CRYPTOCURRENCY WITH GOLD**

To ensure the stability of the LightCash system, an additional cryptocurrency with low volatility will be released, LightCash Crypto Gold (LCSH). It will be used for exchanging cryptocurrency and fiat money. Low volatility will be achieved by securing the coin to the price of gold, in a ratio of 1,000:1. This gold will be extracted from the gold ore deposits owned by the LightCash owner and partner company, Lapri Mining LLC, which currently operates a producing gold mine.

By purchasing tokens, investors receive a stake in Lapri Mining LLC. As such, their return of their invested funds is reasonably assured.

Lapri Mining company's strategic plan calls for future purchases of additional gold deposits, which will further increase the company's capitalization, which is expected to further enhance the value of the tokens.



### 3.2. ADDITIONAL MONETIZATION

There are a number of additional ways of ensuring project monetization:

- Interst income earned on deposits
- Commissions earned on purchases in the on-platform store;
- Commissions earned on crowdfunding projects on the LightCash platform;
- Fees earned for services provided on the platform.

### 3.3. LINKING TOKENS TO REAL GOLD

The partner of the LightCash project is Lapry Mining LLC, a gold-mining company . The company has extensive experience in gold mining, and owns an alluvial deposit of gold in the Amur Region of Russia (licence number BLG 02921 BR).



Russian state issued licence for work on alluvial gold deposit



The company has built its own settlement for gold mining workers, with good living and working conditions. In addition to residential modules, the village has its own dining facilities, laundry, and sauna, as well as turning, welding, and motor workshops, as well as a dedicated power generation plant.

### **3.4. GOLD DEPOSIT DESCRIPTION**

The licensed gold deposit is located within the Maloiluisk gold mine of the Upper Gilyuisky gold-bearing area.

The presence of gold in this region has been known since pre-revolutionary times, when prospectors mined the placer of the Nadezhdinsky River. In 1917 a placer was also discovered in the Marmontovsky stream.

Data of the national assay department of the Russian Federation (Gosbalans) indicate that the gold content in the areas not yet distributed among mining companies ranges from several tens to several hundreds of kilograms. The total forecasted resources of gold placers in the licensed area are 515 kg of category P1, 20 kg of category P2, and 581 kg of category P3.



The table below provides information on the gold content by individual placers, indicating their parameters.

| Object                                     | Resources, kg  |                |                | Length, km | Width, m | Mass power, M | Sand power, M | Content by sand, mg/m <sup>3</sup> |
|--|----------------|----------------|----------------|------------|----------|---------------|---------------|------------------------------------|
|  | P <sub>1</sub> | P <sub>2</sub> | P <sub>3</sub> |            |          |               |               |                                    |
| Olongro (river basing)                     | 515            | 20             | 581            |            |          |               |               |                                    |
| including:                                 |                |                |                |            |          |               |               |                                    |
| Olongro left tributary - Maly Gilyui river | 399,7          |                |                | 17,2       | -        | -             | -             | 712                                |
| Olongro right tributary - Yeloviy          |                | 20             |                | 1,7        | 30       | 4             | 1,2           | 333                                |
| Parallelny-1 - Olongro left tributary      |                |                | 20             | 1,3*       | 35       | 3             | 0,5           | 900                                |
| Parallelny-3 - Olongro right tributary     |                |                | 25             | 2          | 35       | 4,5           | 1,2           | 300                                |
| Pryamoi - Olongro left tributary           |                |                | 111            | 4          | 65       | 4,5           | 1,2           | 356                                |
| Malyi Amygam - Olongro left tributary      |                |                | 149            | 4,5        | 70       | 4,5           | 1,2           | 394                                |
| Malyi - Olongro left tributary             |                |                | 89             | 3          | 60       | 4,5           | 1,2           | 413                                |
| Gorelyi - Olongro left tributary           |                |                | 41             | 2,5        | 35       | 4,5           | 1,2           | 394                                |
| Kipuchiy - Olongro left tributary          |                |                | 146            | 4          | 60       | 4,5           | 1,2           | 506                                |
| Vecherniy - Olongro left tributary         | 14             |                |                | 1,6        | 14       | -             | 1,2           | 520                                |
| Dororzhniy - Olongro left tributary        | 101,4          |                |                | 1,6        | -        | -             | -             | 2561                               |



**The table below contains a summary of the main technical and economic indicators of the alluvial gold deposit owned by Lapri Mining LLC:**

| Name of the indicator                                    | Value         | Units                     |
|--|---------------|---------------------------|
| Balance sheet confirmed reserves (C1) of deposit (sands) | 2 122,00      | Thousands of meters       |
| Average content  | 511,20        | milligram per cubic meter |
| Gold in the sands  | 1 084,77      | kg                        |
| Period of deposit full work off                          | 3             | years                     |
| Number of workdays                                       | 210           | days                      |
| Number of daily working shifts                           | 2             | shifts                    |
| Shift duration   | 12            | hours                     |
| Yearly number of workers and personnel                   | 80            | persons                   |
| Annual payroll fund                                      | 1 110 508,00  | USD                       |
| Annual operating costs                                   | 4 772 989,00  | USD                       |
| Total volume of commercial output                        | 46 146 115,80 | USD                       |
| Cost of production                                       | 5,40          | USD                       |
| Annual balance profit                                    | 9 498 541,00  | USD                       |
| Taxes and payment for subsoil usage                      | 2 118 059,00  | USD                       |
| Net profit per year                                      | 7 380 482,00  | USD                       |



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The funds raised via the ICO will be used to purchase an operating gold ore deposit in the Republic of Buryatia (Russian Federation). The funds will go to the parent company LBS Corp., which will acquire 70% of the deposit, which has a realistic estimate of gold reserves. Based on the reserves of this deposit, we will conduct an additional offering of LightCash Crypto Gold (LCSH).

The LightCash project team has reached a preliminary agreement on the purchase of a company with a proven ore deposit and a gold-enrichment plant that is ready for operation. Currently, the company lacks its own ore for enrichment, so the plant is not operating at full capacity, and the ore for enrichment is supplied via a tolling scheme. The company's earnings before interest taxes, depreciation and amortization (EBITDA) for 2017 was \$2 million. With a projected price of gold at \$1,200 per ounce, earnings are estimated at \$7 million for 2018, and \$9 million for 2019.

After the LightCash ICO, funds will be available for the acquisition of additional gold deposits, for enrichment in the above mentioned gold-enrichment plant. In this case, EBITDA in 2019 is forecast to exceed \$15 million, and could increase to \$20-25 million.

Profits earned from gold mining and sales will be used to provide liquidity for the LightCash platform. Thus a real sector of the economy with its fiat money will be combined with blockchain technology. Cryptocurrency users worldwide will have an opportunity to invest in real gold mining.





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Below are some advantages of this strategy:

- LightCash owns a gold mining company with well-established production, which is currently operating and generates profits;
- The availability of an existing plant for the enrichment of precious metals makes it possible to rapidly increase production volumes;
- The gold deposit being negotiated for acquisition has proven reserves of gold-bearing ore, with confirmed high levels of gold content;
- Opportunities exist to acquire an adjacent gold field from the government. This would increase the resource base for production by approximately 200 - 250%. Thus, it could be possible to avoid exhausting the number of issued LCSH coins, and provide the foundation for the continuous growth in the price of LightCash Crypto Token (LCCT).

Targeted deposit geological reserves (C1 + C2) amount to 8.8 tons of gold, and the predicted resources are 25 tons of P1, 40 tons of P2 , and 83 tons of P3. The production site is provided with electricity from a 110 kV transmission line, in addition to the electricity substation owned by Lapry Mining Company, which has an additional capacity of 5 mW.



Подстанция 5 МВт



Вахтовый посёлок



Золото-серебряная фабрика



Участок измельчения руды ЗИР

Gold mining company infrastructure



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This Lapri deposit is characterized by a high quality of reserves: the average content of gold in the ore is 7.8 grams per ton, whilst the world average is less than 1.4 grams per ton.



*Gold ore from the site*

The indicator of end-to-end gold recovery is 93%, compared to an average of 80% worldwide. The project provides low cost of production and processing. The average total cash cost (tcc) value is \$584 per oz, while the world average is \$700 per oz.



*Analytical lab at the venue*



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The aforementioned facts should allow the Lapri mine to achieve a high level of economic efficiency with the project, with an average estimated EBITDA margin of 54%. Gold extraction at the described site has been conducted since 2014.

The LightCash project does not store or remelt gold. All extracted precious metal will be sent to refineries and banks, and the funds remaining after the deduction of expenses and taxes will be transferred to the parent company to support the tokens and as working capital for further service development.

The total amount of tokens issued will be directly dependent on their value and the overall project market capitalization, taking into account the value of the owned gold deposits. The market value of the Lapri gold deposit is currently estimated at \$6 million.

### **3.5. OBTAINING ALL NECESSARY LICENSES**

To ensure that all operations are in compliance with local, national, and international laws, additional licences will be acquired by LightCash from the International Financial Services Commission (IFSC) in Belize, including, but not limited to the following:

- License for money transfer services;
- Payment processing services licence;
- License for trading in financial and commodity-based derivative instruments and other securities.;
- Money exchange license;
- Other required licenses, as needed.

Obtaining these licenses will enable LightCash to operate in full compliance with international laws, and will help minimize any risks of enforcement actions by international financial, supervisory, and regulatory bodies.



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# 4 TOKEN SALE DESCRIPTION, PROJECT ARCHITECTURE, AND DEVELOPMENT TIMELINE

This section provides detailed information about plans for token sales, product development, and insights on the current project architecture.

## 4.1. THE TOKEN SALE

LightCash ICO will be conducted in accordance with US Securities and Exchange Commission (SEC) requirements. One basic token, LIGHTCASH CRYPTO TOKEN (LCCT), will be issued.

LightCash has developed its own blockchain — the LightCash Crypto Gold (LCSH), on which coins will be tied to gold for use in internal settlements and exchange.

## 4.2. LIGHTCASH CRYPTO TOKEN (LCCT)

The LCCT token is being issued specifically for the ICO. After the ICO, the tokens can be exchanged for LCSH and other cryptocurrencies via the LightCash exchange.

All tokens released for the ICO will be created on the Ethereum blockchain in accordance with the ERC20 standard.

The LCCT token can be purchased with cryptocurrencies, such as ETH or BTC, as well as with fiat money. If the purchase is made with fiat, the user's funds will be transferred to a personal deposit account for a period of no less than 180 days. At the end of this period, the user will receive bonus dividends on his or her deposit, paid at an interest rate of 100% for 180 days of placement. If the user does not fulfill the conditions for the storage of currency, or if he or she receives a refund of his deposit, bonus dividends will not be payable.



## 4.3. LIGHTCASH CRYPTO GOLD (LCSH) CRYPTOCURRENCY

The LightCash blockchain is built on Graphene 2 technology. This platform has been used by major crypto projects as such as Bitshares, Steemit, and Peerplays.

Three reasons were chosen for adopting Graphene 2 technology:

- High transaction speed (Graphene has an average transaction confirmation time of one second).
- It has already been tested and proven on large projects and under heavy transaction loads.
- It is an Open Source project, based on development during the STEEMIT project.

## 4.4. HOW LCSH WORKS

One of the main features of the LightCash project is its connection to real resources, namely gold. Its internal cryptocurrency will not be mined. Instead, LightCash will conduct additional coin offerings as new gold deposits are acquired. The LCSH price will be calculated on the basis of the total volume of available confirmed reserves of gold in Lapri Mining Company's owned ore deposits.

A detailed calculation of the LCSH price is shown below:

1. The cost of 1,000 LCSH equals the weighted average exchange price of one gram of gold in USD.
2. The number of LCSHs issued is calculated as follows: The volume of confirmed gold reserves x (X) - total costs of extraction and processing x (40%) \* in grams \*\* percentage of total volume

\* in grams  
\*\* percentage of total volume



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The result will be equated to LCSH. The price of one gram of gold will be equal to 1,000 LCSH. This will result in the total allowable amount of LCSH tokens to be issued.

The final formula is as follows:

$$X - 40\% = V$$

$$V \times 1000 = \text{overall amount of LCSH}$$

$$1,084,770 \text{ grams} - 40\% = 650,862 \text{ g}$$

$$650,862 \text{ g} \times 1000 = 65,862,000 \text{ LCCT}$$

$$1000 \text{ LCSH} = 1 \text{ gram of gold} = \$42,54 \text{ by } 10.01.2018$$

## 4.5. DISTRIBUTION OF TOKENS

The total quantity (100%) will be **210 000 000** tokens, with the price of one token equal to 0.0002 ETH. The plan for token distribution will be as follows:

**25%** Pre-ICO (30% Discount), will be held on March 5, 2018, with a minimum purchase amount of 0.1 ETH

**60%** ICO begins on March 12th, 2018

**10%** Project Team ownership

**5%** Advisors and Escrow





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During the first week of the ICO, the purchase discount will be 20%, 15% during the second week, 10% during the third week, and 10%, and 5% in the remaining weeks.

To ensure system stability, and to protect investors from speculative risks during the 24 months following the completion of the ICO, LightCash will conduct a secondary token offering of 90,000,000 tokens, to be issued in three stages of 30,000,000 tokens each, at regular intervals.

In the event of a successful ICO, with all conditions of the project launch being met, the LightCash token's value is projected to increase by up to 300% within two years. This growth will be reasonably assured by increasing the company's market capitalization and the scaling of the LightCash project.

In addition to having an opportunity to buy tokens, users who participated in the ICO will also have an option to receive bonus dividend payments on any tokens they deposit with LightCash's bonus deposit account. These deposits will be an additional method of earning profits via the bonus program for ICO participants.

Token buyers who place a deposit in the LightCash system for a certain period of time will receive a guaranteed yield on their deposit, according to the following schedule:

- a 70% per annum interest premium for token deposits kept on deposit for 12 months;
- a 100% per annum interest premium for token deposits kept on deposit for 18 months;
- a 150% per annum interest premium for token deposits kept on deposit for 24 months.



# LIGHTCASH

## 4.5. MAIN PROJECT MILESTONES AND DEVELOPMENT ROADMAP

Below is the LightCash project development roadmap, including important milestones reached and future plans:

### 4.5.1. WHAT HAS BEEN ACCOMPLISHED TO DATE

- January 2017 - September 2017**  
"Lapri Mining Company, LLC" was developed, and has been engaged in the mining of ores and sands of precious metals. License was obtained for geological survey, mineral exploration and resource development.
- October 2016 - April 2017**  
Equipment required for development of the mine was imported, the geodetic chain was established, and the gold extraction site was prepared.
- June 2017**  
Formation of the LightCash Blockchain System concept.
- May 2017 - October 2017**  
From the initial collection sample, the mine's first 81 kg of gold were produced.
- July 2017**  
API, mobile, and B2C application development for calculation of cryptocurrency transfers between companies and their customers through QR technology
- August 2017**  
Market research and analysis.
- October 2017**  
Elaboration of service architecture and preparation of the "White Paper".
- September 2017**  
Execution of legal documents. Brand book production.
- November 2017**  
Web & mobile service development launch.
- December 2017**  
LightCash Open API platform test. Token protocol development, integration with scoring platforms, setting up of self-regulatory token exchange algorithms.



# LIGHTCASH

## 4.5.2. PLANS FOR PROJECT DEVELOPMENT



### **January 2018 - February 2018**

Launch of the ICO website.

Testing of the Smart contract. General audit of the project.



### **March 2018**

March 5th, 2018 - pre-sale starts.  
March 12th, 2018 - ICO starts.



### **May 2018**

Launch of the LightCash service beta version.

Market launch of the LightCash Crypto Gold (LCCT) cryptocurrency.



### **April 2018**

Start of field operations.



### **June 2018**

Release of the LightCash service.



### **July 2018**

Completion of the purchase of "Greenfield", and commencement of mining operations.



LIGHTCASH

## 5 LIGHTCASH TEAM



### **Vyacheslav Vokin**

CEO  
Entrepreneur, LightCash Co-Founder

Earned his Bachelor's degree in Law. Successful entrepreneur - founded his first business in 2003. Has wide experience in international trade and logistics. Has a command of the English and Chinese languages.



### **Alexey Kholmogorov**

Lightcash Co-Founder  
Shareholder of "Lapri Mining LLC"

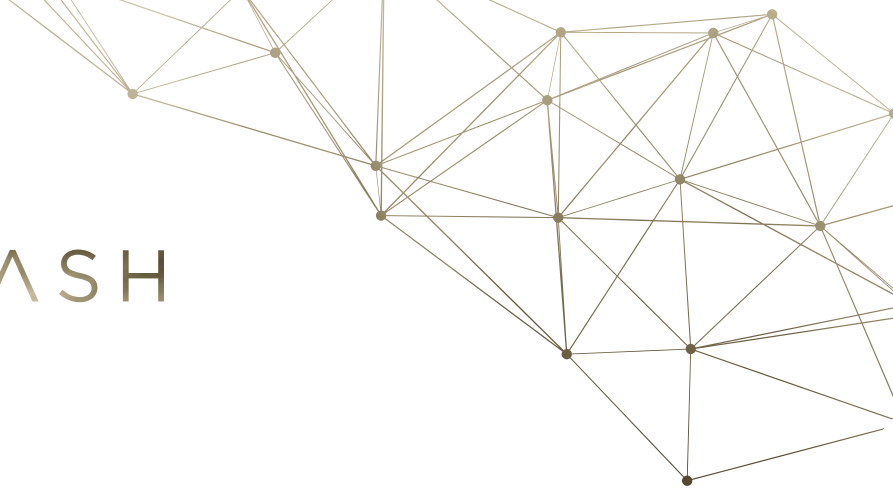
After entering the profession of Economics and Law, Alexey worked as a businessman. He then served for four years as a Deputy of the Chita Duma (2009 - 2013). In 2013, he launched his first business project. In 2016, he founded "Lapri Mining, LLC" (engaged in the extraction of ores and sand of precious metals), which is currently in operation.



### **Mikhail Maksimovich**

CMO  
Head of Digital Marketing

A professional in the field of Public Relations. Upon graduating from university in 2013, Mikhail worked for 2 years in various media outlets. After three years of working for other companies, Michael founded his own media holding company in 2016, which has since created a network of remote employees who implement marketing objectives, conduct promotional activities, create content, and perform web analytics.



## Artem Yakovlev

Team leader

Artem is educated in the law and has government service experience. He has held management positions in financial and industrial companies of international standing. He also has extensive experience in the development of Internet projects of various types and degrees of complexity.



## Alexander Lashkov

Public Relations

Alexander is a professional journalist and marketing expert. He is currently launching a start up company, "Bright Smile Media Inc", which is an agency engaged in the area of content marketing. He is experienced in new technologies, from chat-bots to blockchain.



## Alexey Pechkin

STO  
Technical Director

Since his student days, Aleksey has been keen on science and new technologies. He was recognized as one of the top 10 of "Young Scientists of the Russian Federation". He is the creator of Russia's first virtual reality helmet NVR. Aleksey's professional interests are in the areas of AR/VR, medicine, and engineering. He has won many Academy of Science awards for his contributions to scientific and technical projects.

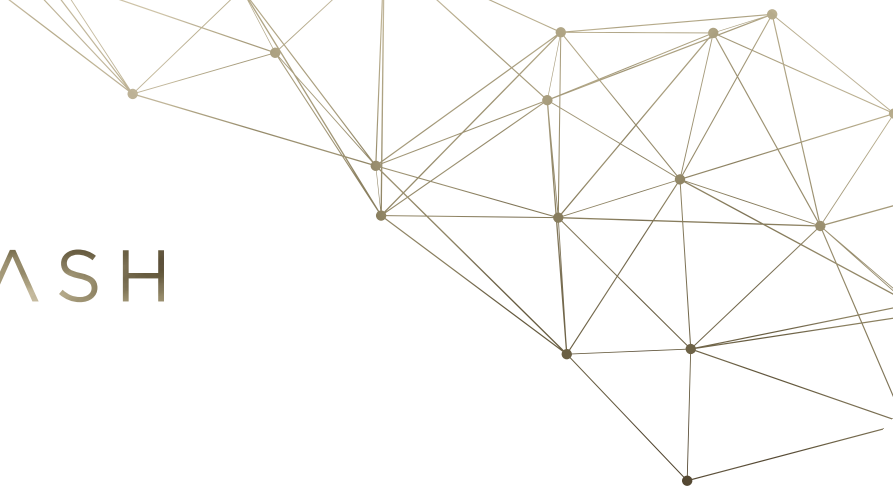


## Alexey Krutko

Designer

Alexey is a professional in the area of design. His primary specializations are graphic design and UI/UX development. His education was in engineering.





## Valeriy Popov

Chief Engineer

Valeriy has worked in the gold mining industry for more than forty years. He was involved with successful completed and ongoing mining projects in the Magadan Region, the Trans-Baikal Region, the Amur Region, and the Republic of Buryatia. He has twenty-five years of experience in the implementation of new mining and processing technologies, analyzing and optimizing the production activities of enterprises, developing and implementing measures to increase gold production, and increasing labor productivity and discipline. He has invaluable expertise in permafrost conditions. Valeriy is an active, strong-willed, productive professional with unlimited, earned authority.



## Ivan Sheveler

Chief Geologist

Ivan provides highly qualified geological services to the company. He is a successful specialist with more than twenty-five years of experience in prospecting and evaluation of deposits to determine the geological structure and growth of reserves in the Far East and Eastern Siberia. He has been successful working with gold and placer deposits in different climatic zones.



## Igor Kolomicin

Chief Mark Surveyor

Igor is an effective young specialist educated in geology. He has expertise in working with modern, high-tech, innovative equipment. He takes an active part in the design of the gold deposit development system.





LIGHTCASH

## 6 IMPORTANT DISCLAIMER

The purpose of this White Paper is to provide information about the LightCash service and LCSH token to potential token holders in connection with their sale. The information presented in the document may not be exhaustive and does not imply any contractual relationship. The sole purpose of this document is to provide potential token holders with up-to-date and valid information that is intended to help determine if a thorough company analysis is to be conducted with the aim to purchase LCSH tokens. Nothing in this document should be considered as a call for investment, nor should any part of the document be perceived as an offer to sell any securities in any jurisdiction or as a call for such an offer. This document was not drawn up in accordance with any laws that are intended to protect investors, and are not subject to such laws. LCSH is a utility token. This product is not a digital (electronic) currency, a security, a commodity or any other financial instrument and is not registered under the Securities Act of 1933 (Securities Act of 1933), is not subject to securities' laws of the US or securities' laws of any other country or any other jurisdiction in which the potential holder of the token is a resident. The LCSH token cannot be used for any other purposes than those listed in the White Paper, in particular for investment, speculation and other financial transactions. The LCSH token is not intended for sale or use in jurisdictions where the sale or use of digital tokens may be prohibited. The LCSH token does not give any other rights in any form, in particular, the right to own, distribute (including but not limited to profit), redemption, liquidation, property (including all forms of intellectual property) and other financial or legal rights, described in this White Paper. Some statements, estimates and financial information contained in this document are predictive statements or information. Such forward-looking statements and information affect known and unknown risks and uncertainties that could cause actual events or results to differ from the estimates or results implied or stated in such statements. This White Paper may be changed to provide more detailed information. The main source of official LCSH token information is this document in English. The information contained in the English version of this document may be translated into other languages or used in written or oral communication to existing and potential customers, partners, etc. During the transfer and transmission of messages, some information contained in this document may be lost, distorted or misrepresented. The accuracy of such alternative messages cannot be guaranteed. In the event of conflicts or inconsistencies between translations, communications, and the official document in English, the provisions of the original document in English prevail.



THANK YOU  
FOR WATCHING!

