ALDOIN LIVE BLOCKCHAIN

White Paper

Aldoin

1. **Contents**

2. Introduction

With each year Internet become more and more widespread. Such companies as Facebook and Google make every endeavor to spread Internet to the most remote corners of the world. They launch different aerostats and drones which transmit the Internet signal. Evolution of the e-commerce market has reached a level where an ordinary person does not need to leave the house to order any kind of services and goods, even when purchasing a car or real estate. The world financial market is experiencing a peak of technology change and transition to digital payment systems, contactless payments and cryptocurrencies. Is it good? Yes, certainly. Emergence of a world market and transition to new stages of development in any field is an indicator of man's desire to become better and more educated. But frequently such aspirations entail some dangers.

The World Wide Web

Estimate number users per 100 inhabitants in 2016

CIS'
66.6%

Europe
79.1%

The Americans
65.0%

41.6%

25.1%

Arab States

Africa

41.9%

Asia & Pacific

47.1%

Worldwide
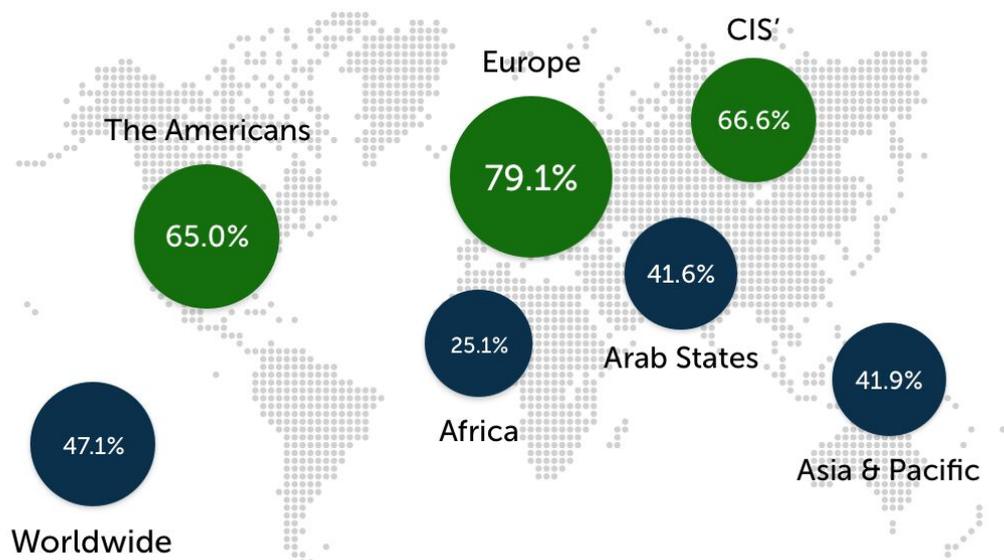
Considering this situation more detailed we can understand that for the normal functioning of all these markets it is required data center for thousands of exabytes. All these storages are owned by several hundreds of large companies. What if some dishonest person decides to change any data and will be able to access the necessary archive? This incident can huge consequences to millions of people.

Banking and payment systems are also subjected to the risks described above. For example in February 2016 one hacker attack hit the US Federal Reserve System and the Central bank of Bangladesh. Because of security problems of the Swift payment system about $81 million was stolen as a result of this attack. In 3 months similar attack was launched on the Ukrainian banks, as a result of which $10 million were stolen.

Hacking the Worldwide Banking System (Using fraudulent SWIFT Messages)
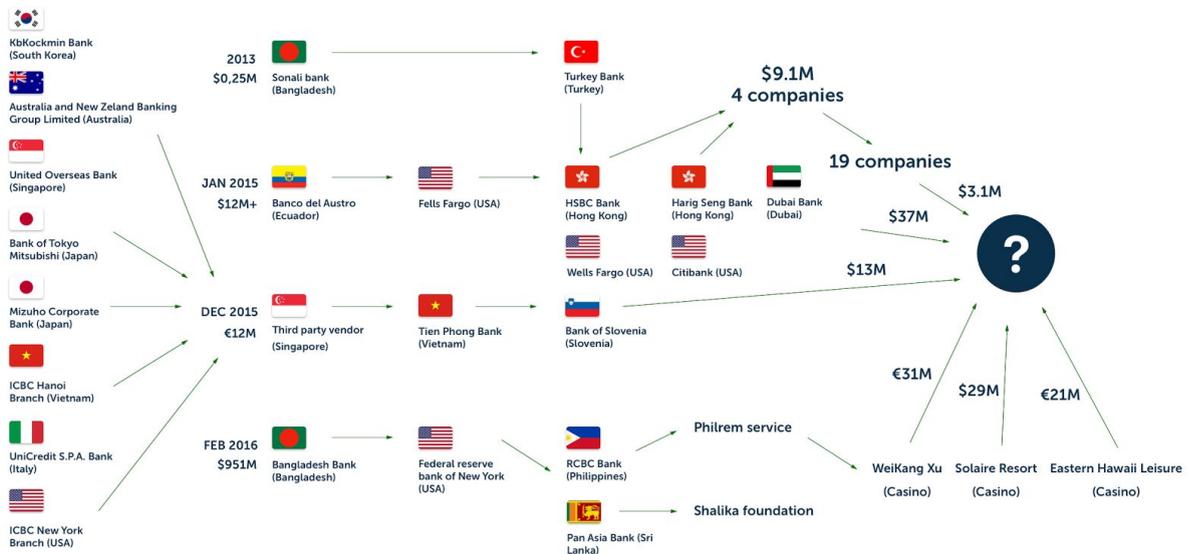
Only now the world market leaders began to understand insecurity of the old protection methods and the need to introduce new technologies. What technology can provide a high level of security, even despite the rapid growth of computing power? The answer is simple: this technology is blockchain.

Blockchain is a database that has a unique decentralized technology of information storage. Each user, connected to the blockchain, is a kind of guarantor and local storage when creating a record/block in a blockchain. Even if one of the users removes the blocks on his/her computer, the blockchain architecture will remain unchanged and will be stored on hundreds of other computers. Each document or record is assigned a unique number called a hash. If an attacker succeeds in changing the document or transaction data, the hash will change its unique number.

Security experts from different countries, banks and government offices are already studying and integrating blockchain into their system. On July 1, 2017, Swift announced the completion of blockchain smart contracts trial. BNP Paribas, Goldman Sachs, Barclays and even NASDAQ are considering the possibility of blockchain implementing. Many countries have already developed blockchain-based platforms in the field of public procurement, legal documentation, and public registries.

So Blockchain don't resolve only financial market storage security. Paper can be lost or damaged, document archive can be attacked by hackers or a natural disaster and only digital copy in blockchain provides almost 100% guarantee of the document safety. In the blockchain you can store document of ownership, as well as a digital copy of a musical work or film to certify the copyright. This gives a huge potential for the development of a niche and increasing the number of useful solutions not only for business, but also for other human activities.

Blockchain technology significantly reduce the time spent on certain activities and automatize processes. This will allow decreasing of expenses, including costs on manpower, energy, transportation. Increase of energy efficiency leads to a reduced CO_2 emissions and ecological advancement.

Many people remember Bitcoin when they hear the word "blockchain". Bitcoin is a digital cryptocurrency that operates on the basis of a peer-to-peer payment system with open access to transactions. It is Bitcoin that makes blockchain to be so popular. Bitcoin done not only a major impulse to the development of blockchain technology, but also become an independent payment unit which conquered the world. Bitcoin was the first cryptocurrency which proved to the world that transactions can be conducted with minimal commission, maximum security, fast processing and complete anonymity. Furthermore any person can easily track the amount and recipient wallet of any transaction.

BILL GATES: "Consumers who do not want to be anonymous. Bitcoin can become a base for creating such a technology, using which people will feel comfortable and their transactions will not be associated with terrorism or money laundering."

After spreading of Bitcoin a number of new cryptocurrencies came into service and now there are hundreds of them. More and more often people prefer to transfer money using cryptocurrencies, instead of banks. Large stores, service centers and other organizations, provide a possibility to pay in cryptocurrency. The very first country who legalize Bitcoin was Japan. In June 2017 India also became a country that recognizes Bitcoin as a currency.

Cryptocurrency market and blockchain have been rapidly developing. We are a part of them for a long time. Join us and become a part of something great right now!

3. About Companies

Aldoin (https://aldoin.com) is a joint project of IT company Eqvola LLP and Marketing company "Adviora".

EQVOLA

Eqvola is a company established in the end of 2014 with the aim to develop customized solutions of any complexity mainly for Forex brokers and companies related to financial markets. Company got first client a month after its foundation, in January 2015. Reason for such dynamics was broad experience and recognition of the of Eqvola's CEO in the field of Forex solutions development. High-quality work has begun to attract more and more new clients. The number of software products and solutions began to grow, as well as the number of employees. Today Eqvola offers development and integration of Fintech solutions such as turnkey Forex Broker website, Affiliate systems, CRM systems, WebTrader, MQL5/MetaTrader programing. It also provides development of mobile application and projects not related to Fintech. For clients who want to get turnkey

business, Eqvola have a unique offer "Quick Start" – legally registered and full-featured Forex Broker Company within 100 days.

Among satisfied clients you can see:

Irfan Jan CEO OBOX GOlD PVT LTD	My Eqvola experience has been wonderful. The team is amazingly talented and extremely friendly. Their support department responds instantly and works beyond boundaries to solve my issues. Honestly! I have never looked back, Never been worried for minute, since the day i have met TEAM EQVOLA. An expierienced and trustable team that lives up to the expectations. Good Luck and Keep it up.
Ahmmad Alkayer Head of Support dept. Atiora	Eqvola company faithfully and efficiently perform their work. No complaints. All in time as we wanted. The guys responsible, motivated and make modern solutions. Most important thah all of them are professionals in their field. Keep up the good work!
Nathan Kamilski CTO Swift Trade	Eqvola works well as FX software developer and has fulfilled its obligations under the contract on all counts. We don`t have any claims to team and to result we got. We fully satisfied with the services we`ve been provided. We are continue our cooperation.

Company's CEO has always been aware of new market trends. Cryptocurrency and Blockchain already had a big impact on financial market, which sparked even more interest. Employees of Eqvola were already experienced in Cryptocurrency world, which allowed to understand benefit of this market and create appropriate business plans. By the autumn of 2016, it was created own mining farm for mining various kinds of potentially profitable cryptocurrencies. Mining was not limited to Bitcoin, Ethereum, Litecoin and Zcash. Constant monitoring of the market allows us to allocate appropriately our hash power to the most profitable Cryptocurrencies. We have seen return of investment (ROI) quicker than other business. We fully comprehended market potentials and experienced all the problems faced by the ordinary miner.

Limitation, optimization of electrical power, failures of GPU/CPU and specialized mining equipment like ASICs, lack of space... No-exhaustive list of miner's problems when he set up mining farm.

ADVIORA

Media company Adviora appeared on the advertising services market in 2014. Already

today Adviora think differently and our top priority remains the provision of services at the highest level. Adviora`s team are doing their best to improve the performance of interaction between advertisers and webmasters. The level of satisfaction of our customers has been and remains for us the most important indicator of performance. This allows us to establish long-term relations and even faster to go to our most important goal - the world market leader in providing advertising services.

The most important achievement of Adviora is the creation of own fully functional SSP-platform. Best 35 advertising formats, fine-tuning advertising campaign to meet all customer requests, deep analysis of existing and completed advertising campaigns are only the main advantages of working with Adviora. In addition, every webmaster or company at any time of the day can receive an individual consultation to discuss more favorable terms of cooperation.

Media Company Adviora is the best partner for obtaining or selling traffic.

4. Company's Targets

4.1. Blockchain Technology

Having strong interest to the cryptocurrency market, Aldoin could not miss its important aspect – blockchain.

Implementation of blockchain technology is another stage in business development, increasing its investment attractiveness. Technology of decentralized data storage has already changed many branches of financial market, and is rapidly moving towards other areas. Aldoin team understands this and develops blockchain integration plans for both commercial/social activities and governmental needs.

Our first target in blockchain-based product development and smart contracts can be stated in 4 paragraphs:

4.1.1. Integration of Cryptocurrency into commercial/social sectors.

We want to become a payment aggregator, which helps to connect necessary channels for accepting payments for goods, services, as well as charitable purposes.

4.1.2. Integration of Blockchain Technology into commercial/social sectors.

Data storage has always been a problem for companies and government agencies. We plan to create a common standard and a software product that will facilitate data storage while providing a high level of protection. Automatization of processes will significantly reduce expended man-hours, maintenance costs and harmful emissions.

This software will be launched as soon as possible.

4.1.3. Development of blockchain-based technology that will replace bureaucracy and workflow.

There is a witty expression in Eqvola's team "Firing a bureaucrat will save a tree". In modern world, because of lack of necessary technologies people aren't capable to completely refuse "paperwork" and store all documents in electronic form. Immediate consequence, despite paper recycling, is the upcoming ecological disaster

Along with paper difficulties bureaucracy has security problems. At the end of June 2017 many Ukrainian government agencies and banks were paralyzed because of Petya cyber attack. Small, medium and large businesses were outraged by their inability to submit tax reporting in time. Signing of some documents was impossible. Normal work of all services and websites was renewed only in a week.

Our goal is to conduct a deep market research and develop a blockchain-based platform, which will provide storage and security of documents protected by copyright law for private, commercial and government organizations. Person will need only his/her EDS (electronic digital signature) to attest documents and to confirm his/her consent.

4.1.4. Cooperation with governments.

When we successfully implement secure data storing, workflow platform and introduce our blockchain technology at the governmental level, our next step will legalisation process for identity documents replacement.

Everyone understand how it is with inconvenient to constantly carry a large number of documents: a passport, driver's license, insurance policy etc. It will be much easier if all these documents are stored in Blockchain network, with secure access for governmental agencies. Even if a person loses documents or they are stolen, he/she will always be able to confirm his/her identity.

When Aldoin obtains authorities' support and approval, selected norm will be proposed at the international level.

4.2. Investing Platform

Cryptocurrency market, like all investments, requires a lot of knowledge and education on all aspects of the market: What drive a price? How difficulty network affect price? What correlation between coin?

What if an investor wants to get profit and don't have time to study the market?

To help those we will develop various investment products:
- Mining and Cloud mining of various altcoins with low cost, smart allocation and maximum profit.

- Sized Investments offers, with limited time and fixed profit, allocated in our altcoin fund.

4.3. Aldoin Expansion/Investment

Like most successful businesses, a company should always distribute surplus funds wisely. Aldoin seek to build a stable and solid company, so this remaining funds will not be used for personal use but will be invested for expansion by investing in several area for a horizontally and vertically expansion.

- Investment in promising and challenging projects/startups related to blockchain technology, smart contracts creation and Cloud mining projects.
- Selling technologies, software solution for any Crypto business.
- Investments in cryptocurrencies.

4.4. Cloud Mining

Cloud mining is a very popular product in Crypto currency, which facilitates mining crypto-currencies by resolving majors issues that an average miner faces. Aldoin will help to mine out cryptocurrencies. Our assistance will make mining much easier, simpler and cheaper for user. Many people will argue that it's more profitable to do mining by themselves but they forget about many criticals issues may appear, like electricity power consumption, air conditioning costs, hardware repair/maintenance and lot of issue appearing during a miner life.

We plan to create Aldostations (large area containing hundred of Aldorigs or Mining farms). Our priority will be to provide a high level of uptime for each mining farm. In order to reach this goal, our developers will work on developing products for maximum automation of Aldostations, reducing human resources and mining interruptions. With minimal expenses our users will be able to raise their level of knowledge on crypto currency mining and blockchain network.

Future innovation we planned to realize:

- Development of Mining Software;
- Creation of an Exchange Platform for the end user;
- Preparation of platforms and solutions for cloud mining.
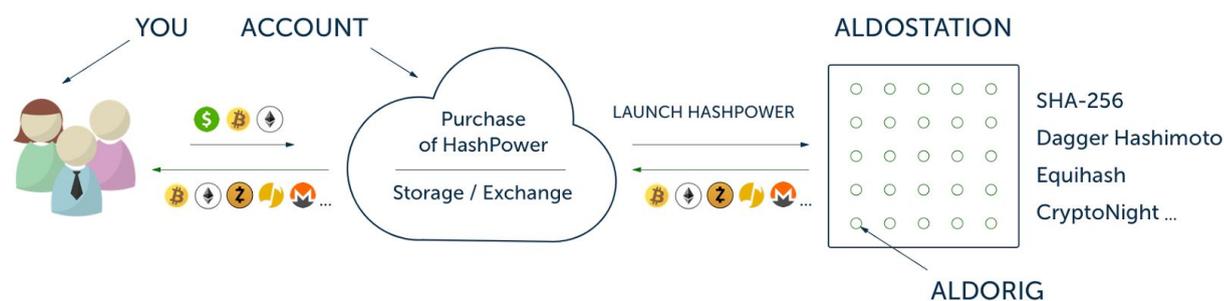
The question remains: how will Aldoin provide necessary hash power for Aldostations? We have already analyzed commercial real estate and commercial properties and selected potentially areas for Aldostation first development stages.

After reaching $2 million in crowdsale we plan to start deploying green power plant for our Aldostation in order to reduce bad ecological impact and reduce kwh cost

Throughout the world environmentalists are alarmed about the problems associated with climate change due to the large number of harmful emissions. Many governments have already signed a memorandum to completely abandon nuclear power plants, thermal power plants and fully transition to green technologies. If we don't begin to do this now, consequences can be irreversible.

We plan a transition to clean power sources: Solar, hydroelectric and biogas power stations (surplus heat will be sale to local population) will be use as energy sources. That is the reason why Aldostations will be located in places suitable for connecting of renewable energy sources. In addition, Aldostations will be equipped with technologies that won't require power and allow reducing area temperature due to natural ventilation. We strive to achieve maximum energy efficiency, cut down business expenses and decrease harmful emissions to the atmosphere. Surplus electrical power will be sold to the local power supply authority.

Solar PV Global Capacity and Annual Additions, 2006-2016 гг.
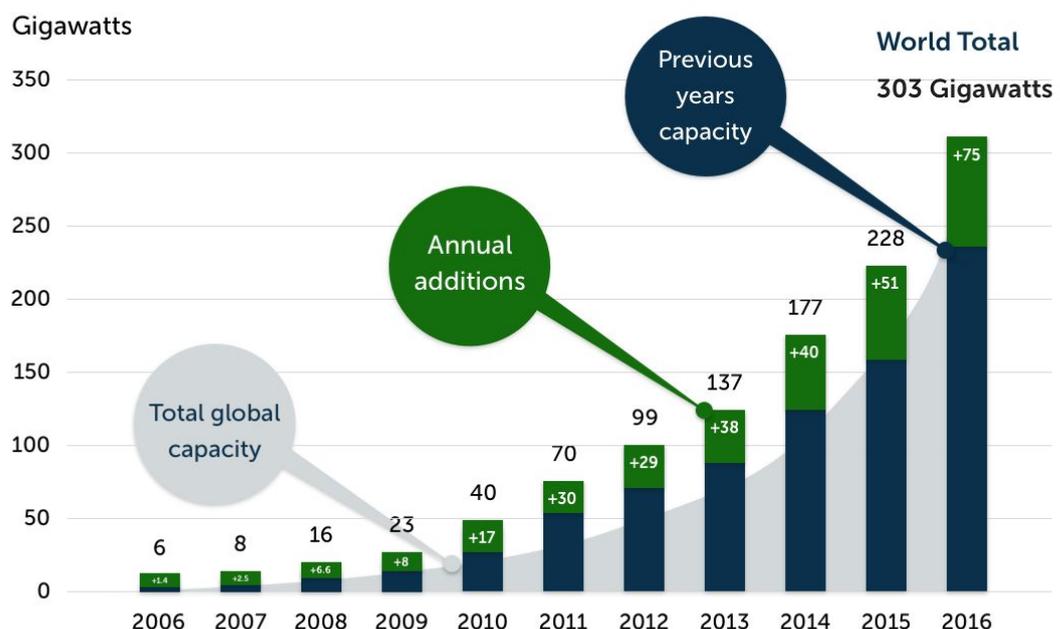
5. **Crowdsale of ALDO Equity Token and Allocation of Money Received**

ALDO Equity Token Crowdsale is planned on 10 phases.

Maximum ALDO issued after 10 phases will be 50.000.000 ALDO.

First phase end when crowdsale reach equivalent 5.000.000 ALDO

Minimal level required for 1st phase start is $150,000.

During the 1st phase, price of ALDO will increase as below:
Round 1. 1 ALDO - 500,000 ALDO. Price $0.9 = 1 ALDO
Round 2. 500,001 ALDO - 1,000,000 ALDO. Price $0.95 = 1 ALDO
Round 3. 1,000,001 ALDO - 1,500,000 ALDO. Price $0.96 = 1 ALDO
Round 4. 1,500,001 ALDO - 2,000,000 ALDO. Price $0.97 = 1 ALDO
Round 5. 2,000,001 ALDO - 2,500,000 ALDO. Price $0.98 = 1 ALDO
Round 6. 2,500,001 ALDO - 3,000,000 ALDO. Price $0.99 = 1 ALDO
Round 7. 3,000 001 ALDO - 3,500,000 ALDO. Price $1 = 1 ALDO
Round 8. 3,500,001 ALDO - 4,000,000 ALDO. Price $1.05 = 1 ALDO
Round 9. 4,000,001 ALDO - 4,500,000 ALDO. Price $1.1 = 1 ALDO
Round 10. 4,500,001 ALDO - 5,000,000 ALDO. Price $1.15 = 1 ALDO

We planned to list on various exchange ALDO Equity Token after Phase 1 complete, final decision will be determined upon Cryptocurrency market conditions.

5.1. ALDO Equity Token Crowdsale Money Allocation:

15% of ALDO Equity Token will be issued for Aldoin company.

$1 - $1 000 000

70% - for hash power distributed between several algorithms;
15% - for development team;
8% - for marketing, advertising and affiliate program;
7% - for legal and registration issues.

$1 000 001 - $2 000 000

68% - for hash power distributed between several algorithms;
18% - for development team;
5% - for marketing, advertising and affiliate program;
3% - for legal and registration issues;
6% - risk management.

$2 000 001 - $5 000 000

67% - for hash power distributed between several algorithms and green station setup;
18% - for development team;
5.5% - for marketing, advertising and affiliate program;
1.5% - legal and registration issues;
8% - risk management.

More than $5 000 000

71% - for hash power distributed between several algorithms and green station setup;
12% - for development team;
6% - marketing, advertising and affiliate program;
1% - legal and registration issues;
10% - risk management.

6. What are Benefits for Investors?

Investor will become part of a new business with a huge potential, which will allow them to diversify their investment portfolio.

Priorities of Aldoin company are to meet investors and customers the needs. Each investor who believes in our success will be rewarded with a monthly dividend payment from 1% up to 4%.

On each individual stage, clients will receive first dividends one month after full launch of Aldostation from this stage. If client manages to buy ALDO Equity Token at the first stage, first dividends will be credited one month after full launch of Aldostation-1.
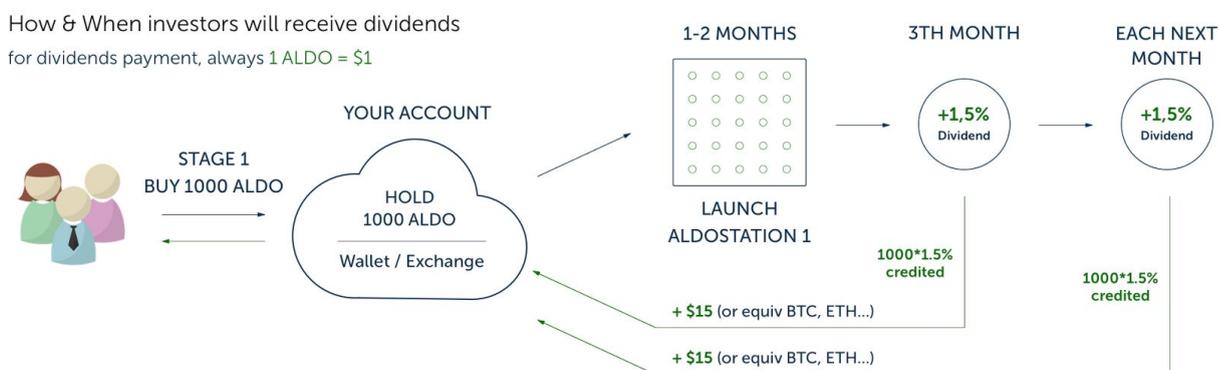
To be able to pay this interest, Aldoin will use several sources to generate profit:

- Direct hash power;
- Income from selling cloud mining capacities;
- Income from risk management profit of crypto-currency assets (investment in potential

growing coin, buy/sell, sale and exchange);
- Commission for trading by clients within Company's mining platform;
- Selling technological and software solutions in crypto business;
- Profit from investments in promising projects.

Company's profit will be distributed as follows:

First of all we will credit monthly dividends to our clients in their Aldoin account in the starting at 1% up to 4% for each ALDO owned by the client, depending of company profit. The maximum percentage of dividends per ALDO depends on the total amount of ALDO Equity Token held by client described as below.
- up to 501 ALDOs - 1%;
- 501-1000 ALDOs - from 1,1% up to 1.5%;
- 1001-2500 ALDOs - from 1,2% up to 2%;
- 2501-5000 ALDOs - from 1,3% up to 3%;
- from 5001 ALDOs - from 1,5% up to 4%.

Our dividends percentage depend on Mining profitability. As 70% of Aldoin profits will be earned from Aldostations Mining, we can't state for a fixed percentage amount. But our past experience will give us opportunity to have very often upper limit hit.

Remaining profit will be distributed as follow:
- 10% - Aldoin management remuneration.
- 55% - development of new products and optimization of current products.
- 25% - marketing.
- 10% - risk management.

When dividends are paid, 1 ALDO Equity Token is always equated to 1$, regardless of the market rate.

Dividends will be paid only in a currency or in crypto currency available on our website, for dividends, except ALDO Equity Tokens.

At the end of the financial year, Aldoin can assess additional dividends from profit.

7. **What are Benefits for an Affiliate?**

After registering a personal profile, each client of the company can become an affiliate, and attract new customers using the referral link.

Our affiliate can choose between 3 types programs:

- CPA (cost-per-action) - payment for an action. Affiliate will earn a fixed fee of 3% from client investment in ALDO Token, fixed investments and/or Buying Cloud mining service.
- RS (RevShare) - the share of revenue. Affiliate will earn 3% of the client's profit from

dividend, fixed investment and from hash power.

- Hybrid model. Affiliate will earn 1.5% on the CPA payment model + 1.5% on the RS model.

For large volume of more than $25000, affiliate may be offered terms of cooperation on an individual basis. To discuss an individual cooperation conditions, affiliate should contact by email affiliate@aldoin.com.

8. RoadMap (Phase 1)

Stage 1.

Round 1. 1 ALDO - 500 000 ALDO

- Hash power.
  Ordering Mining hardware and preparation of Aldostation-1 with a capacity of 300kW. Main areas of work include: connecting required electricity power, ventilation, internet, security, installing racks for Aldorig. Time period up to 1.5 months.
- Development.
  Launching the development of an extended platform functional for mining and exchanging Cryptocurrencies. Time period up to 2 months.

Round 2. 500 001 ALDO - 1 000 000 ALDO

- Hash power.
  Installing ordered Mining hardware. Increasing the number of Aldorig within allocated percentage of funds. Time period is from 1 month and as long as investments are collected.
- Development.
  - Enabling the option of selling and exchanging ALDO via your personal profile.
  - Enabling Fixed investment and Cloud Mining platform with extended user interaction functionality. Time period up to 1.5 months.
- Legal issues.
  Preparation of various applications to be licenced to work with payment providers and banks.
- Marketing.
  Preparation and launch of advertizing campaign for fixed investment and Cloud mining.
- Aldotrade.
  Allocating starting minimum amount to our risk manager for trading Crypto currencies.

Stage 2.

<u>Round 3. 1 000 001 ALDO - 1 500 000 ALDO</u>

- Hash power.
  Preparation of Aldostation-2 with a capacity of 500kW. Main areas of work include: connecting required electricity power, ventilation, internet, security, installing racks for Aldorig. Time period up to 1.5 months.
- Development.
  - Developing and implementing systems for maximum automation of Aldostation. It is aimed at reducing human intervention and mining interruption. Time period up to 2 months.
  - Provisioning funds to ensure a minimum of 6 months for development team operations.
  - Launching development of blockchain technology to eradicate bureaucracy. Time period for the alpha release is 1 year.
- Legal issues.
  - Continuing work with banks and payment aggregators.
  - Implementing Visa / Mastercard certification. Preparing launch of Aldoin payment cards.
- Marketing.
  Campaign adjustment and optimization.
- Aldotrade.
  Second and last part of allocating funds to our risk managers. Then we will analyze/backtest our first results.

<u>Round 4. 1 500 001 ALDO - 2 000 000 ALDO</u>

- Hash power.
  Increasing the number of Aldorig. Time period is from 1 month and as long as investments are collected.
- Development.
  - Clarification of futures development stages.
  - Description of Additionals functionalities for our products and services that we will develop.
- Marketing.
  Revision and optimization of advertising campaigns.

Stage 3.

<u>Round 5. 2 000 001 ALDO - 2 500 000 ALDO</u>

- Hash power.
  Preparation of Aldostation-3 with a capacity of 500kW. Main areas of work include: connecting required electricity power, ventilation, internet, security, installing racks for Aldorig. Time period is 1.5 months.

- Preparation of the first green power station with a capacity not less than 200 kW.

Round 6. 2 500 001 ALDO - 3 000 000 ALDO

- Hash power.
  Increasing the number of Aldorig. Time period is from 1 month and as long as investments are collected.
- Installation and launching of the first green power station.
- Marketing.
  Revision and optimization of advertising campaigns.

Stage 4.

Round 7. 3 000 001 ALDO - 3 500 000 ALDO

- Hash power.
  Preparation of Aldostation-4 with a capacity of 500kW. Main areas of work include: connecting required electricity power, ventilation, internet, security, installing racks for Aldorig. Time period is 1.5 months.

Round 8. 3 500 001 ALDO - 4 000 000 ALDO

- Hash power.
  Installation of more Aldorig. Time period is from 1 month and depends on the period of fund raising.
- Marketing.
  Revision and optimization of advertising campaigns.

Stage 5.

Round 9. 4 000 001 ALDO - 4 500 000 ALDO

- Hash power.
  Preparation of Aldostation-5 with a capacity of 500kW. Main areas of work include: connecting required electricity power, ventilation, internet, security, installing racks for Aldorig. Time period is 1.5 months.

Round 10. 4 500 001 ALDO - 5 000 000 ALDO

- Hash power.
  Increasing Aldorig numbers. Time period is from 1 month and as long as investments are collected.
- Aldotrade.
  Searching and investing in promising technologies based on Blockchain and Smart Contracts that may become of very useful in near future.

9. Risk Management

Main directions for increasing the stability of team operation:

- To ensure revenue stability, Aldoin team will always keep monitoring current crypto-currency, and allocate to mining on most profitable algorithms.
- Using equipment for mining various crypto-currencies as efficiently as possible.
- Proper distribution of hash power to optimize profitability.
- Using hash power to mine new and promising coins, which makes it possible to increase profits considerably.
- Buy potential growing Cryptocurrencies
- Investing in promising projects based on blockchain technology and smart contracts.