

Improving the quality of life Whitepaper

03-01-2019



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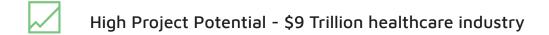
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# 1. Executive summary



Robust Business Plan

Long term vision and token vesting of up to a decade

Team of Experts, both Core members and Advisors

Total Utility Token, direct application on the healthcare sector

Sophisticated ecosystem of 6 interlinked platforms

Charitable trust fund included

Tremendous need - current Healthcare system at breaking point

Alpha Version of HAPP Platform ready during 2018

Low total supply only up to 500 Million tokens

Global implementation and healthcare decentralisation

Previous Projects endorsed by Governments and EU Institutions



### 2. Introduction

It is not the strongest or the most intelligent who will survive but those who can best manage change. - Charles Darwin



Never has change been more necessary in the healthcare sector, currently health care costs in many countries are exceeding the increase in GDP and the revenue from taxes that fund healthcare, which in itself is not sustainable.

Healthcare costs are rising so fast in advanced economies that they will become unaffordable by mid-century without reforms, according to a new OECD report.

The reasons for this looming crisis include:

- Increase in the aging population
- Advances in Medicine
- Rising costs

curestoken has been forged out of a desire to help address this problem, by decentralizing the health care system, empowering patients, Health App developers, Medical Service Providers and Equipment Suppliers, embracing innovative technology in order to reduce costs and maximize scarce resources within the sector, creating near virtual competition, capitalizing on synergy which in turn adds value to all relevant stake holders.



## 2.1. The 6 pillars of CURESToken

Our vision of managing this change is to empower all stakeholders through the use of innovative technology such as blockchain and smart contracts. We see this resulting in more options and choices; transcending borders through medical tourism, nurturing a transparent and trusted review system, allowing better and more informed decisions.

In order to facilitate this, we have developed 6 main pillars to our robust business strategy, as follows:



App store for Health apps (HAPP store)



Electronic Health Records



Health assurance platform



Marketplace and trust review platform



Trading platform



Charitable trust fund

1. App store for Health apps (HAPP store) - offering our own apps aimed at improving eyesight, vision and quality of life; and nurturing any developer to list their health apps free of charge. A point worth noting is that one of the products we have ready to be purchased with the tokens immediately after they are generated is **Vision – software for the colourblind**, which has already received endorsement by multiple medical, educational and academic establishments, as well as institutional support from bodies such as Ministries of Education and the European Parliament.



- 2. Electronic Health Records patients can take control over their data enabling remote consultations, obtaining second opinions which all goes to alleviate the tremendous burden the Healthcare system is experiencing, by reducing waiting lists and visits, which can result in contracting further diseases. There is even the opportunity for monetizing their own data by selling access to it for various medical and statistical surveys.
- **3. Health assurance platform** our innovative future contracts concept allows for both specific contracts and generic contracts. Medical Service Providers (MSP) are encouraged to offer these contracts for a discount, in return for payment now, creating added value, enabling both patient and MSP the opportunity to buy and sell these contracts in order to maximize their scare resources.
- **4. Marketplace and trust review platform** patients are no longer lead just by recommendations but encouraged to browse and search for medical service providers globally, ensuring security, cost effectiveness, nurturing perfect competition through a decentralized system. An essential element is to create a genuine trust review system, whereby, once a transaction has been completed through the blockchain, only the recipient is allowed to post a review good or bad. To ensure further that the most appropriate informed decisions are made, reviews will also encompass Medical practitioners.
- **5. Trading platform** creating a comprehensive sales channel for Medical Equipment Suppliers (MES) to sell directly to patients or wholesale to hospitals, clinics and other traders, eliminating long supply chains, helping reduce costs.
- **6. Charitable trust fund** a separate legal entity, funded with 5% of the token supply and voluntary contributions by token users. To be used as a funding instrument for charitable projects aimed at improving world healthcare in deprived regions and project selection in a transparent way against a set of clearly defined criteria.



This makes **CUREStoken** a universal ecosystem of services available to all – patients, healthcare providers and those working in the field of medical tourism, by offering a combination of unique features including payment and settlement at minimum cost, unrivalled business opportunities including selling en-masse, fundraising interest free, trading contracts for future work (medical futures), storing and trading with medical records, digital health-aiding apps, as well as an element of corporate social responsibility through the charitable trust fund.

The team behind **CUREStoken** is by no means new to innovative and creative ideas, two of the current Co-founders are also Co-founders of Vision, the revolutionary software enabling people with impaired vision to see a much more colourful world, so much so that EU governments have endorsed the software by implementing it at an institutional level, within their own educational sectors.

A partnership has also been established with the EU Parliament, in addition to which Vision has been featured in major media across Bulgaria and the rest of the EU, as well as on various high level international conferences. Some of the advisors include prominent figures from the world of blockchain and members of successful ICO teams, prominently one from the travel industry which has already managed to attract over 100 000 businesses to their blockchain powered Hotels & Vacation Rentals Market-place with 0% Commissions.

Other team members and advisors come from the fields of medicine, banking, finance and law, incorporating a wide spectrum of expertise.

# We believe

the only way to predict the future is to create it.



# 2.2. CURES Token

Token Name:

Type:

**CUREStoken** 

**ERC-20** 

Abbreviation:

Ethereum-Based

**CURES** 

**Token** 

Total Supply:

**500 000 000 CURES** 

Maximum Tokens Offered to public during

ITO: 175 000 000 CURES







Despite the scarcity of **CUREStoken** the potential for market share is tremendous, a 2012 valuation made by the WHO (World Health Organization)2 estimates the 2010 global health expenditure to the staggering \$6.5 trillion, according to Delloite3 global health care spending will be approximately \$9 trillion by 2020; and medical tourism alone accounts for \$45.5-72 billion per annum.

The potential for cryptocurrency is equally phenomenal - by using the **CURES token**, particularly in a global environment, we ensure that transactions are safe and secure, mitigating fluctuations in exchange rates and exchange costs.

Furthermore, costs can often be hedged. Please refer to the total cryptocurrency market capitalization graph below <sup>10</sup>:



(Data source: coinmarketcap.com)

This would certainly suggest that there is increasing confidence in the cryptocurrency sector, that more people are using the innovative technologies behind it, and the return is exceptional. Despite the small glitches, the trend is always UP.

Hypothetically, taking the above figures, if we were to assume that a purchase of cryptocurrency was made of \$1000 in July 2017, if held on to until December 2017 this would result in a total worth of \$32,340, over only 6 months.

Equally important is the fact that over the first 5 months of the valuated period, from July 2017 to November 2017, the rate of market change was 1064%, whereas the final months rate of market change was 1735% indicating that the momentum for confidence in cryptocurrency is multiplying at a substantial rate.

Despite the temporary downturn since the beginning of 2018 evident in the graph below the future for cryptocurrency is equally as bright, especially with the US Security and Exchange Commission (US SEC) announcing in June its official position that neither Bitcoin nor Ethereum are securities, which has caused the markets to start rising consistently again, making the climate good for a cost-efficient market entry.



(Graph source: coinmarketcap.com)

The technological revolution powering blockchain and crypto is inevitable. Anthony Jenkins ex-CEO of Barclays warned that banks would face their own 'Kodak Moment' (the photography giant failed to take the threat of digital cameras seriously) if the banks fail to keep up with rapidly changing technologies. Anthony Jenkins went on to say "This is just in the footprints of what's going to happen here. As these technologies season and develop, we can imagine total transformation of the banking system, using block-chain for example, in a world where banks don't really exist anymore."

Anthony Jenkins is not alone as Oliver Bussmann, the former chief information officer of UBS, envisages a new world order that "cuts out the middleman" and sees one of crypto-currencies' key strengths as "the way that startups use it to get funding". <sup>4</sup> In addition, the Royal Bank of Canada (RBC) sees cryptocurrency, blockchain technology and decentralization as a potential \$10 trillion ecosystem. <sup>5</sup>



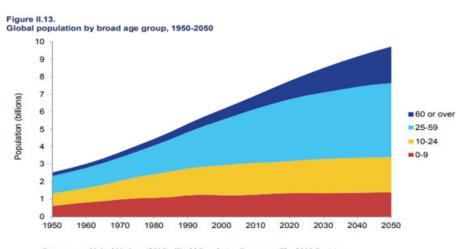
# 3. Global Health Care Problems. CUREStoken solutions.

Global health is the health of populations in the global context, it has been defined as "the area of study, research and practice that places a priority on improving health and achieving equity in health for all people worldwide".

Problems that transcend national borders or have a global political and economic impact are often emphasized. Thus, global health is about worldwide health improvement (including mental health), reduction of disparities, and protection against global threats that disregard national borders<sup>12</sup>.

Over recent years there has been many medical advances, the microorganisms responsible for tuberculous and malaria were identified, in more recent years we saw the development of many vaccines and penicillin. The eradication of small pox spurred hopes that other diseases could also be eradicated. Global co-operation came in the form of

several international organisations pooling resources such as the United Nations, World Bank, culminating in the formation of the World Health Organisation (WHO) after the second world war.



Data source: United Nations (2015). World Population Prospects: The 2015 Revision

These medical advances and global cooperation have in themselves brought other challenges, as an example improving quality of life in an aging population, please refer above to the graph, indicating an upward trend for life expectancy of all age groups.



'Globalisation has made us more vulnerable.
It creates a world without borders and makes
us painfully aware of the limitations of our
present instruments, and of politics,
to meet its challenges.' - Anna Lindh



Additionally, through global cooperation and medical advancement, other challenges are emerging, as indicated by Anna Lindh, for which we believe through advances in modern technology can help eradicate, including:

### Access to medical services

**Problem:** inherently in a non-decentralized system there are several problems, some of which are bureaucracy, inefficient medical insurance and distance to name a few.

**Solution:** Due to the global nature of the **CUREStoken** project, this transcends boundaries using the blockchain powered marketplace, mitigating lengthy waiting times and the possibility of contracting diseases, may be overcame. With an aging population whom already has probably a lower immune system and more susceptible to contracting diseases, this can be an even more serious and sometimes life threatening issue. Currently there are 10 quite common diseases that can be contracted in Hospitals, MRSA probably being the most well-known.

### Cross border payments

**Problem:** This by its very nature can be fractious, often payments can be delayed, sometimes not paid at all, when there are the expensive costs of transfer and the uncertainty of exchange rates.

**Solution**: Using **CUREStoken** eliminates the risk of exchange fluctuations. Transfers are done almost immediately and at a fraction of the cost.



### Quality medical care

**Problem:** Often in many countries access to quality medical care takes time, effort and money, if available at all.

**Solution:** The CUREStoken decentralised system facilitates the transcending of these barriers ensuring quality medical care is provided at the patient's convenience.

### Complexity

**Problem:** Due to the very nature of the centralised health care system, complexities over record keeping and communication can be hindered or even lost all together, leading unfortunately to unnecessary delays.

**Solution:** Using CUREStoken helps eliminate potential areas of breakdown. Smart contracts will ensure that transactions occur smoothly and as defined in the contract - without intervention. Furthermore due to its robust nature records are maintained of all actions by all those concerned.

### Fraud

**Problem:** Fraud is an ever-increasing problem, as an example in the USA during 2014 \$5.7 billion was recovered by the Federal Government, this was up by \$1.9 billion the year before and no doubt the trend is upwards. Furthermore, the National Health Care Anti-Fraud Association (NHCAA) estimates that the financial losses due to health care fraud are in the tens of billions of dollars each year. <sup>14</sup>

**Solution:** Through the implementation of Smart contracts, records are maintained at every step of the transaction, fully transparent to those participating in the blockchain. Once a record has been entered it is set in stone and cannot be erased or reversed.

#### **Reviews**

**Problem:** Due to the global aspect, reviews are an important part of researching the Medical Service Provider. However, all too often misleading postings can be made, for instance, an appointment could not be made for some time as the clinic has a considerable waiting list.



15

**Solution:** In order to ensure transparency and confidence in the review system, only those who have received the service and completed a transaction, are uniquely identified through the system and once verified allowed to post an honest review, good or bad.

### Reputation

**Problem:** As indicated the current health care system is open to fraud and some unscrupulous providers are taking advantage. As an example, in June 2002, a Chicago cardiologist was sentenced to 12-1/2 years in federal prison and was ordered to pay \$16.5 million in fines and restitution after pleading guilty to performing 750 medically unnecessary heart catheterizations.

**Solution:** WWe have developed several systems to overcome this, including a Vetting, Verification and Quality Control Department **(VVQCD)**. Our review system will help prevent at an early stage such incidents from happening and the reviews will be encompassing broad spectrum of aspects including after care, ease of contact, professionalism, etc.

In addition, the vision of **CUREStoken** is to empower the individual patient through obtaining second opinions, remote diagnostics and easy access. Ensuring greater opportunities in a secure, safe and open manner, providing flexibility at a time and location that is convenient to the patient, transcending borders, removing uncertainties with reference to exchange rates and reducing transaction costs. Equally, we would like to ensure the service by professionals' compliments this by ensuring data is at hand and best practice nurtured.

### 4. Some numbers and facts

In preparing the forecast which covers the period from 2018 to 2028 a most prudent approach has been adopted, as an example some competing projects claim to have a Target Audience of 1% to 2% of the world population of 7.6 billion. We have assumed an exceptionally modest 0.18% equating to 14,000,000.



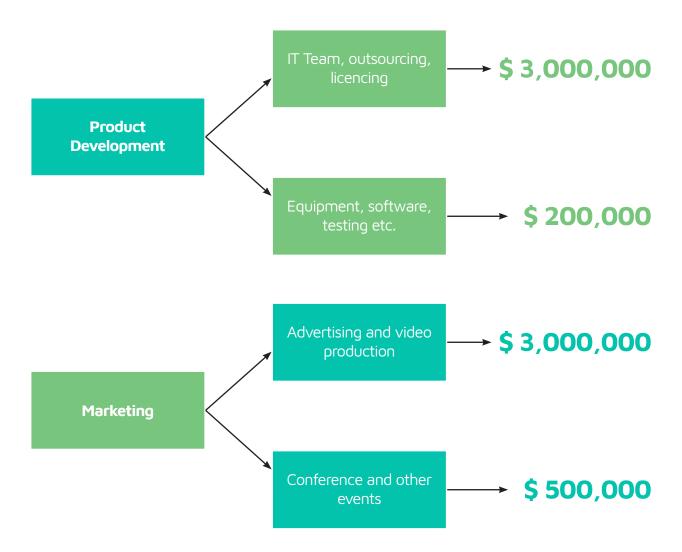
However, due to the cumulative nature of the project, the accumulated cash will amount to approximately \$119,000,000 by 2028, demonstrating both the viability and sustainability of the project. All figures in this section are in USD.

# The latter forecasts is based on the following assumptions, which we deem will prove to be accurate:

- 1. The facilities to register and use basic functions are free, however, there are enhanced features that can be used at a premium, we have assumed that approximately 20% of the users will opt for the premium listing, which entitles the customer to greater exposure and enhanced features.
  - Medical Equipment Suppliers premium listing
  - Medical Service providers premium listing
  - Patients premium listing
  - Electronic Health records (EHR)
- 2. Medical Equipment suppliers, it is assumed during 2019, 500 are recruited incremented by 250 for each subsequent year. During 2019 and 2020, those using the paid service are 3% & 4%, subsequent years 5% assumed. The cost for a premium listing is \$50 a month.
- **3.** Medical Service providers, it is assumed during 2019, 750 are recruited, for 2020 1500, each subsequent year the figure is incremented by 250. During 2019 and 2020, those using the paid service are assumed to be 3% & 4%, subsequent years 5% assumed.
- **4.** Patients recruited during 2019 are 500,000 incremented by 200,000 each subsequent year. From 2019 to 2020, those using the paid service are 3% and 4% respectfully, 5% thereafter. The cost to list a premium advert is \$10, each user assumed to use the service once a year.
- **5.** EHR users during 2019 are 500,000 incremented by 200,000 in subsequent years. From 2019 to 2020, those using the service are 3% and 4%respectfully, 5% thereafter. The cost for storage of records is assumed to be \$5 a month.



**6.** In order to popularise and establish the project the following initial costs have been assumed to be incurred during 2018/2019.



- **7.** Direct costs other than wages has been assumed to be approximately 5% of income.
- **8.** Operational costs have been estimated in 2019 at \$250,000 incremented by \$125,000 each year thereafter.
- **9.** On going marketing was estimated at \$875,000 in 2020, incremented by \$125,000 each year thereafter.



10. Wages have been calculated as follows (USD):

Cost	Position	Salary	Number	Monthly	Yearly	Factor
Indirect						
	Admin / Finance Managers	2500	2	5000		
	Admin / Finance / Vetting	1500	10	15000	240,000	0.22
Direct						
	IT Managers	2500	3	7500		
	IT Staff	1500	12	18000		
	Marketing Managers	2500	2	5000		
	Marketing Staff	1500	12	18000	582,000	0.54

To accommodate the proposed expansion of the business, a proportion of total wages for the year 2019 calculated by using the total income for the year, produced factors as indicated in the above table. These factors were then used to work out the subsequent years salaries based on the income and staffing for 2019.

- 11. Please note that inflation has not been taken into account.
- **12.** Initially for taxation purposes, the residency of the company will be in Bulgaria, however, this does not preclude Vision Technology Ltd from looking for a more favorable taxation regime at a later date.
- **13.** Corporation tax at 10% and VAT at 20% (except for non-taxable inputs) has been applied to all income and expenses.
- **14.** The forecast covers the period from 2018 to 2028.
- **15.** Timing of payment of the VAT and Corporation Tax have been primarily taken into account adjusted for the cashflow forecast.
- **16.** Even though the estimates are exceptionally modest, by 2028 there should be an accumulated cash fund of approximately \$119,000,000.



### 5. CURESToken Potential

"Effective use of technology is important to deliver healthcare. By leveraging technology, you can bring down lack of access and cost of healthcare." - Narayana Murthy, IT industrialist and the co-founder of Infosys



An obvious and overwhelming fact is that healthcare is on the rise and for the foreseeable future will continue to rise at a considerable rate. By way of example please refer to the paragraph below.

### 5.1. The rise in healthcare

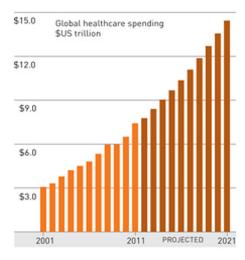
There are two main reasons for the rise in health care:

**Costs** – The cost of care is rising faster than the consumer price index in many countries, several factors contribute to this including rising provider costs, medical innovation and the increase in chronic conditions. Medical advances can mean that lives are extended which means further costs later in the cycle.

**Demand** – There is an ever-increasing demand placed on an already stretched healthcare system

### Exhibit: Healthcare Spending on the Rise

Global spending is projected to double over the next decade.



Source: IHS Global Insight, August 2009



in many countries. With an increasing aging population, a far greater demand for resources is being placed on the system (as revealed by the Centre for Retirement Research in Boston College) whereby medical costs for those aged 55-64 are nearly 4 times of those aged 35-44.6

A further trend that is emerging is the sharp increase in healthcare costs, which are often growing faster than GDP and tax revenue that fund the healthcare system, which will ultimately mean that, for instance, to accommodate this increase, resources from other sectors will need to be deployed. Ultimately it will become evident that this is not a sustainable approach and an innovative solution is required. And we are willing to provide!

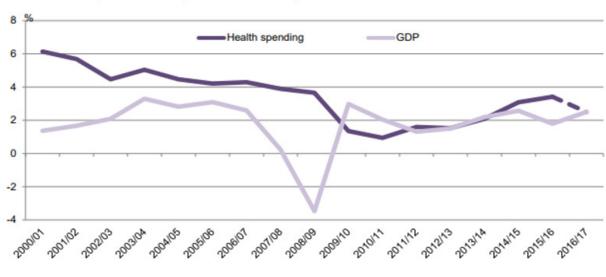


Figure 1. Annual growth of health expenditure and GDP, in real terms, 2000-17

Source: OECD Health Statistics 2018.

### 5.2. The CURESToken offer

We at **CUREStoken** believe that the answer is to engage and empower the individual, to take control and be placed in the centre of the system through means of decentralization of the existing healthcare structure, where he merely has any discretion. However we firmly believe that through our ecosystem it is not only the individual patient who will benefit, but all stakeholders that will also be empowered and engaged through the various facets of the system including:





### Perfect competition

Perfect competition or near perfect competition is achieved through decentralized technology, encouraging patients and clinics to be in direct contact with each other, undertaking transactions in an open and transparent fashion. Patients can confidentially post requests - for instance, a dental treatment or cosmetic surgery, after which the system will automatically contact all those clinics that undertake such work. Likewise, clinics can promote their services freely, through the comprehensive search system.



#### Added value

Clinics are now encouraged to offer work for payment at a discount, which from the clinics perspective ensures good cashflow, but also is a way of raising capital interest free for future expansion. In the same vein patients are able to secure future work at a preferential rate, benefiting further the clinics, should the Tokens increase in value.



### Maximizing scarce resources

Through the facility of the transferable future contracts, clinics can outsource these contracts to other clinics that are able to perform the tasks in an even more efficient manner - for instance, due to technological advances. Equally, the patient can also sell these contracts, should the worth have increased or transfer them to friends and family.



### Reducing costs

Often when dealing with transactions that transcend borders there can be concerns over exchange risks and transaction costs. However, as the payment will be in one currency exchange rate fluctuations would be removed. Furthermore, due to the technology and eliminating the need of banks, there are only minimum charges for transfers on the blockchain. Additionally, through the CUREStoken Electronic Health Records being maintained digitally and access being given to appropriate professionals for second opinions, consultations and so on, the costs are to be reduced not only for the patient but also for the clinics - an example being administration.





### Ease of access

To nurture a truly dynamic system it is important that the access to the facilities is open to everyone, regardless of their location. Mobile Health Apps (HAPPS) will facilitate ease of access even on the move.

### Security

Due to the very nature of blockchain, transactions are secure, aided by a decentralized system. Furthermore, due to our vetting, verification, quality control procedures and review system, the patient can be assured of the highest quality healthcare.



### Hedging

The long-term trend, as with many other tokens, is probably for the value to rise and should that be the case, not only would the patient ultimately receive more treatment for the same amount of tokens, but in case a treatment is no longer required, they can sell the tokens for an increased value.



### **Empowerment**

The patient now has the option of taking control of their healthcare at a time and place that is convenient to them. No longer will they be restricted to referrals made by doctors or other professionals, but have the right, through ease of access, combined with our comprehensive search and review system to make an informed choice.

There are many advantages as indicated above and a further advantage not related to stakeholders of the token is that through reducing costs, maximizing scare resources, providing a platform for perfect competition and adding value, we will alleviate the tremendous burden that the existing healthcare system is experiencing. This will become even more imperative as time progresses and the burden multiplies.



### 5.3. Medical Tourism

As a concept this refers to people traveling to a country other than their own to obtain medical treatment. In the past this usually referred to those who traveled from less-developed countries to major medical centers in highly developed countries for treatment unavailable at home. However, in recent years it may equally refer to those from developed countries who travel to developing countries for lower priced medical treatments. The motivation may be also for medical services unavailable or illegal in the home country.<sup>7</sup>

The global medical tourist industry in 2016 was estimated to be worth \$55 billion8, this is believed to increase year on year growing at a rate of 15-25%.

**Note**: Please be aware that with medical tourism still in its early stages, gaining reliable data is challenging even from the reputable source we are using. Our team has worked hard to compile the most accurate current information on international medical travel, most reliable sources estimate the market size to be between USD 45.5 and USD 72 billion, so the \$55 billion figure quoted above is in the average low sector, i.e. a conservative estimation. We have not taken into account bombastic claims online for a market size of USD 439 billion or similar, as it is hard to substantiate such figures with hard facts.

The idea of affordable medical treatment coupled with a luxury holiday has appealed to millions of people. This surge in medical tourism has many benefits, often bringing much needed rejuvenation to less affluent countries in the form of creating jobs, generating revenues, boosting pharmaceutical companies, tourist agencies and general tourism in the country including considerable inflow of foreign investment.





However, inherently there have been barriers with reference to Medical Tourism; these have often included the following:

### Reputation of medical institutions

It can be a daunting task, deciding to embark on a journey abroad to receive medical treatment, regardless of the research undertaken. However, with the comprehensive vetting, verification and quality control measures and review procedures put in place by CUREStoken, this will to a large extent mitigate any concerns. Furthermore, the reviews produce a real-time assurance and genuine review (as only those that have received treatment are able to review), due to the transparency of the system, can immediately flag up organizations with problematic reputation.

### Level of advancement

This relates for instance to technical proficiency and such issues as hygiene, again as part of the comprehensive vetting and review service, such issues will be taken into consideration, assuring the patient that certain standards are maintained.

### Follow up care

This can be problematic; however, the project envisages a large database of both professionals and clinics in all regions of the world. With this in mind it is anticipated that follow up care will no longer be a problem as the patient can of course refer to their original clinic or contact other professionals closer to home or even remotely, through the comprehensive search facilities.

### Exchange rate fluctuations

These are naturally a concern when paying for services abroad, however, as the service will be paid using the CUREStoken, this will mitigate such fluctuations for as long as tokens are used and not exchanged again into fiat currencies.

### Charges

Charges are also a concern and vary considerably from country to country, fortunately through using the blockchain and smart contracts to process payments, charges are minimal.





### Safety

Often as patients do not have a bank account in the country performing the medical treatment and naturally do not want to transfer all the funds until the operation has been successfully concluded, cash is often carried in person. This can be a safety concern, however, again through the smart contracts and blockchain technology this is overcome.

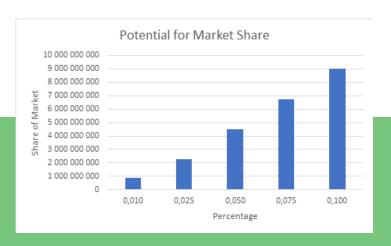
### 5.4. Potential for market share

The potential for market share is tremendous, a 2012 estimation made by the WHO (World Health Organization)2 estimates the 2010 global health expenditure to the staggering \$6.5 trillion, if we were to take the estimate made by Delloite in 2018 that global health care spending will be approximately \$9 trillion by 20203 then below are the predictions of the share of the market assuming only a modest 0.01%, to 0.1%.

%	Share
0.01	\$900 000 000
0.025	\$2 250 000 000
0.05	\$4 500 000 000
0.075	\$6 750 000 000
0.100	\$9 000 000 000

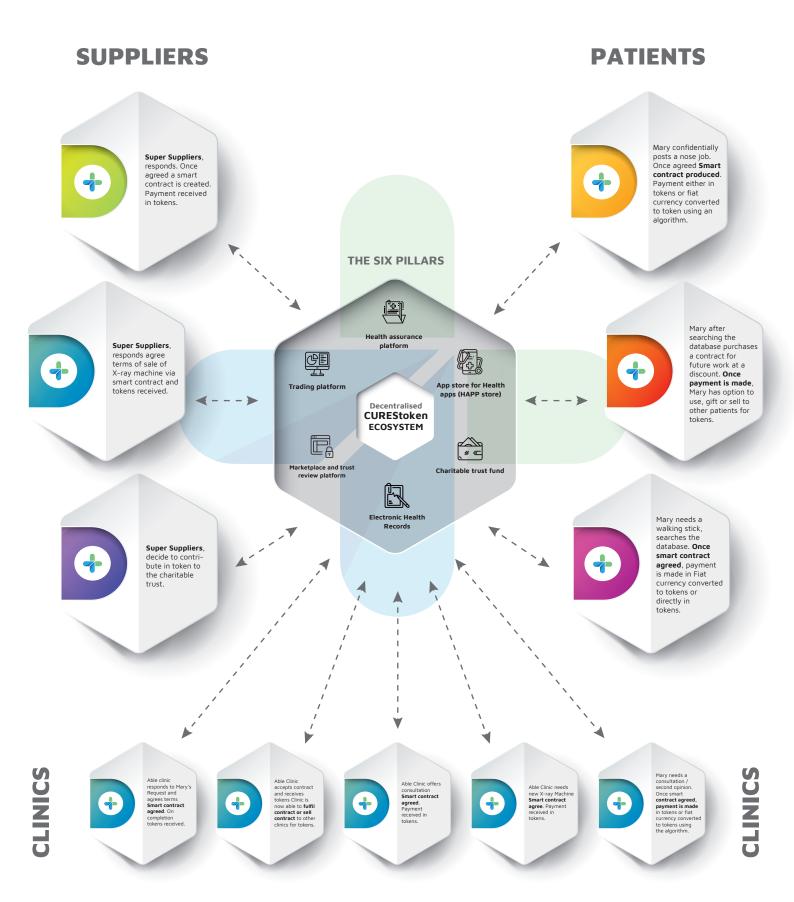
A 0.1% share of the global market would be \$9 billion in transactions to process, but even if we assume 0.01% this equates to \$900 million.

"I believe that free-market principles will solve our healthcare problems". - Rick Scott<sup>11</sup>





# 6. The six pillars of CUREStoken





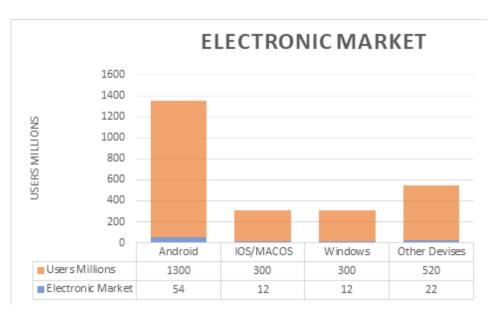
# 6.1. Health App store (HAPP store)

"The two areas that are changing... are information technology and medical technology. Those are the things that the world will be very different 20 years from now than it is today." - Bill Gates



The dedicated app store will be a marketplace for health apps (HAPPs) aimed at improving accessibility, quality of life and better health, with the standard payment method being **CUREStoken**. The store and available applications will not be aimed only at mobile phone users, but for all electronic devices. The worldwide market potential is again tremendous as indicated below:

- 1+ billion people use electronic devices
- 1.3 billion devices use Android (54%)
- 297 million devices use iOS/MacOS (12.3%)
- 283 million devices use Windows (11.7%)
- ♣ 520 million devices use Other OS (21.6%)





**The total number of mobile phone users** in the world by the end of 2018 is forecasted to exceed 2.5 billion and more than half of all mobile phones will be smartphones that have access to the internet and social networks.

In general the world is home to 7.2 billion gadgets, and they're multiplying five times faster than we are - for the first time ever there are more gadgets in the world than there are people, including a growing number that only communicate with other machines, according to data from digital analysts at GSMA Intelligence.<sup>15</sup>

These figures make the dedicated app store even more prevalent and in line with the aspirations of the CUREStoken ecosystem, as it will encourage individuals to take control, monitor and manage their health and wellbeing through the use of innovative technology, a.k.a. smart health. Some of the applications offered will be future products of the CUREStoken project, others will be already existing applications. More importantly we will encourage more applications from outside developers to sell via the app store in the future which can widen the practical use for the CUREStoken and increase the circulatory demand.

### The supported healthcare models will include:

- E-healthcare
- M-healthcare
- Telehealth, Telemedicine
- Cybermedicine
- Mobile/Wireless/Pervasive/Proactive/Personalized Healthcare

### The supported healthcare platforms and technologies will include:

- Home Health Platforms
- Cell-phone based monitoring systems
- Remote/ Non-invasive Biomonitoring
- Wireless Medicine
- Wearable health system
- Body area networks (BANs)/Body Sensor Networks (BSNs)
- Nano medicine



The surge in interest and development of innovative approaches such as AI doctors, AI medicine and diagnosing, together with other developments in the field makes the concept for the app store even more adequate.

"In the next 10 years, data science and software will do more for medicine than all of the biological sciences together." - Vinod Khosla, Founder of Khosla Ventures



The technology behind our HAPP store lays in the upgradable Smart Contracts. Every single application will have an upgradable Smart Contract behind it that will do the important part of the sale. The Smart Contract will be created by our team, so we can ensure our users safety. The sellers will be able to make discounts to their apps, just by changing simple values in our store that is connected to the Ethereum network. All transactions will be broadcasted as events, as in all our platforms. Since every purchase will be visible on the Ethereum network, we can keep everything transparent.

Once a user registers he will be able to buy happs with **CURES tokens**. The buying of an application is simple - the applications have private keys that will be stored in the Smart Contract for the particular app, after a user makes a purchase he will receive a private key that once purchased will be stored in a separate contract where all private keys will be kept. The contract where we will keep application ID and Key is separated from the one that the user will buy the application from, since we do not want to store private keys in multiple palaces (multiple contracts) – one secure place is enough to store all keys and the keys will be easily recoverable and securely stored. The key will be connected with the owner ETH address and only the owner will be able to retrieve it, trough our platform. Since all application keys will be stored on the Ethereum network we can reassure the providers and clients safety.

The first product to be made available for purchase on the app store will be Vision -



**software for the colour blind**, which was first introduced and popularized by the company "Vision Technology Ltd" where two of the co-founders are the current co-founders and members of the core team at CUREStoken – Stefan Krastev (CEO) and Vasil Alyoshin (CCO).

Vision is software allowing people with different kinds of color blindness (color vision deficiency) to see more colors. Vision diagnoses and allows people with different kinds of color blindness to see more colors when using a digital device, making it an important assistive tool for strategic sectors like education for instance. Globally there are close to 300 million people who are colorblind and struggle every day. It is these people that Vision is aiming to assist, by making the world a much more colorful and better place for everyone, aiming to improve quality of life and increase accessibility.

### 6.2. Electronic Health Records

"Developments in medical technology have long been confined to procedural or pharmaceutical advances, while neglecting a most basic and essential component of medicine: patient information management."



- John Doolittle

Due to their very nature, medical records have often been 'shroud in mystery', partly due to the sensitive information contained within them. Every time a visit is made to a healthcare establishment i.e. doctor, dentist, optician or hospital an entry is made, recording treatments, allergies, X-rays, medication and so on. This in itself leads to a defragmented archiving system resulting in separate records being maintained at your doctors, dentists, opticians and hospital. Everybody has the right to view their medical records, although this can at times be an arduous process and can incur a cost.



### This antiquated system is by no means satisfactory, for several reasons:

- $\stackrel{\bullet}{\longrightarrow}$  Security, the systems are more vulnerable if maintained individually.
- Patients should be able to access their records in a timely fashion.
- Patients should be able to limit what is viewed on the records.
- There should be no charge for access, what is in essence the patient's own records.

Probably more critical than this, the patient should have a say with reference to their records, due to the revolution of the blockchain, this no longer need to be the case, as the new technology empowers the patient to take control over their own records and giving them the ability to give access to the records to health institutions and health-care professionals of their choice worldwide.

Storing data on a centralized server is not seen as an option, as it could bring security concerns, but more importantly it would be against the aspirations of CUREStoken becoming a totally decentralized autonomous organization (DAO).

On the other hand currently the storage of data is still problematic on the blockchain, and problematic it is from mainly two perspectives – technology and cost effectiveness.

### Technological challenge

Storing everything in blockchain seems like the simplest solution. Currently most of the simple decentralized applications work exactly this way. However, this approach has significant drawbacks. First of all transactions to blockchain are relatively slow to confirm. It may seem to be fast for money transfer (anyone can wait a minute), but it is extremely slow for a rich application data flow. Rich application may require many thousands transactions per second. Secondly, it is immutable. The immutability is the strength of blockchain that gives it high robustness but it is a weakness for a data storage. User may change their profile or replace their photo, still all the previous data will sit in blockchain forever and can be seen by anyone.



The immutability results in one more drawback - the capacity. If all the applications would keep their data in blockchain, the blockchain size will grow rapidly, exceeding publicly available hard drive capacity. Full nodes can require special hardware. It may result in dangerous centralization of blockchain. That's why storing data in blockchain only is not a good option for a rich decentralized application.<sup>16</sup>

### Cost effectiveness challenge

The EVM (Ethereum Virtual Machine) does indeed allow us to save variables/state in permanent storage. In October 2017 when ETH price was USD 328 it was estimated that the Gas used to store 1KB of data would be equivalent to \$4.96, which means that storing 1GB on the Ethereum Main Net will cost us approximately 5 million USD. <sup>17</sup>

#### What is CURES solution?

The solution we are working on is based on the decentralized network called **IPFS** (InterPlanetary File System). **IPFS** is a superior protocol to HTTP, because it doesn't rely on central instances and URLs as basic components to retrieve data. Hash addressing makes the content **immutable**. **IPFS** also saves bandwidth by collecting content from multiple nodes and pieces instead from one server and it's a perfect match with the Blockchain.

"IPFS and the Blockchain are a perfect match! You can address large amounts of data with IPFS, and place the immutable, permanent IPFS links into a blockchain transaction. This timestamps and secures your content, without having to put the data on the chain itself."

reference: https://ipfs.io



To keep the medical data, we need huge amounts of space. The data about a patient contains test results, x-rays, reports, etc. Medical images can be for example from Radiography or Magnetic Resonance and can be quite large - 200 MB, 400MB or even larger. The image quality is very important, an image can contain additional data, rescaling or formatting an image where each pixel may be important for someone's health is not an option, for that reason we must keep the original size and format of every file. All data must be kept safe and secure.



"It's not enough to organize the world's information—we need to store it in a way the world can remember it. IPFS provides deduplication, high performance, and clustered persistence."

55

reference: https://ipfs.io

IPFS and the power of Smart Contracts bring the solution to us. The medical data will be stored on different servers running IPFS nodes. The servers will be scattered across the globe, ensuring high redundancy and speed. To provide top security the data will be encrypted before it is uploaded. Each record will be stored as separate files - each file may represent different medical record, laboratory test, image, etc. The cryptographic hashes and the public key (used to encrypt the data) will be stored on the user ETH address in a Smart Contract specifically developed for this purpose. The Smart Contract will be the basic interface and method of access to the system. When the data is separated updating it or granting access to specific pieces will become 'a piece of cake'.

### How the records will be constructed and secured?

The **EHR** data will be **readable** or **readable** and **writable** by any user that has received **permission** from the owner of the particular record. The data access can be restricted to specific parts depending on the needs and requirements of the third party. Access to the data can be granted or revoked by the owner.

The most important thing is to keep the privacy of the files by making them unreadable by malicious users. For this purpose we will use Asymmetric encryption, making it impossible for the intruders to do anything with the data since they can't decrypt it. For security reasons we will only use the public key to encrypt data on the client side before it is uploaded, the private key and the ultimate control over the data will be in the hands of the owner. New pair of keys can be requested by the wallet owner at any time and all keys will be generated at the client side, hence the private key will never leave the owner computer, only the public key will be updated in case another user has the rights to update certain pieces of data. If another user has write permission he can easily access the owner public key and encrypt the data with it. If his wallet address is in the trusted addresses, he will be able to update the **cryptographic hashes** stored in the Smart Contract, depending on access the owner provided.



Patients will be able to select pieces of information and share them with third parties by selecting the files and marking them for sharing. The access to the files will be granted depending on which type of access the owner selects (**Read** or **Read and Write**). If the user can only read the files he won't be added to the **trusted** addresses and won't be able to rewrite any of the data stored in the **Smart Contract**.

Every record will have a specific section for **vital information**, such as medication, results of blood test etc. that can impact on future treatment and can be made always available to professionals. Each patient will be able to select which information to be stored as vital or he can chose the default set which will be picked by our specialists. In the same vein, professionals can also update some of these sections, ensuring all vital information is dynamically kept up to date.

Our health records project aims to build a network to share precision and important medical data in a secure manner, where all data will be distributed globally trough global networks and will be accessible by all patients whenever they need it. The decentralized network will grant a secure place where users can access, update and distribute medical data. Patients will own the data that is rightfully theirs and will be able to use it anywhere in the world. The blockchain technology is the best alternative we have to solve this sensitive and complex problem. We believe a secure distribution of medical information through blockchain and a fair reward system for those who share their data through the network will invigorate the medical ecosystem.

### **Efficiency**

When patients have full control of their data, they are in a position to potentially sell this information to research companies for surveys, statistical analyses and researches, thus granting patients a unique opportunity for monetization of their own data in a way they see fit. Patients could actually profit from their health and demographic data, with the option to sell it to health research studies or drug discovery. The self-management and monetization from patients' own data is even more prevalent now in light of recent scandals in 2018 that exposed the malicious data-harvesting and manipulation practices of major internet "800 pound gorillas". 18 & 19

There are in general two types of electronic records, Electronic Health Records (EHR) and Electronic Medical Records (EMR) on the surface these sound very similar and all too often are used and considered the same. EMR's are in essence the same as the existing medical records, whereas EHR's are for more encompassing, focusing on the total health of the patient. EHR's are designed to reach out from health organizations, including for instance laboratories.



The **CUREStoken** EHR records will be accessible in all cases, should the patient change doctors, reside in a nursing home or even move abroad. As importantly, EHR's are designed to be accessed by all parties concerned with that patients care. When information is shared in a secure way it becomes more powerful, complimenting team work which is paramount in health care.

### There are several benefits of EHR's including:

- The transition from one care to another for instance from home to residential can be smooth as information can be shared in advance.
- Maximizes scarce resources, for instance one set of blood tests are available to all professionals.
- Very useful for emergency services as essential information readily available.
- Patients can become better motivated to maintain for instance lifestyle changes, by viewing their own records and seeing the trend over a given period of time.
- Pattern-recognition models and machine learning can be used to analyse data in the patient's records and suggest treatments or laboratory checks, show pre disposition for some diseases or conditions.

#### Remote Access

With health records uploaded electronically, with access to all relevant stakeholders, the patient remaining in control of who accesses the information, lends itself to remote health care.

This type of health care is becoming an increasingly popular way of offering cost effective, specialist care that transcends all boundaries.

Health advisors can enroll for the service, making themselves available for remote health care being remunerated in CURES. A comprehensive search facility would be available to ensure the patient was directed quickly and efficiently to the relevant expert.

#### The Benefits

The advantages are far reaching and include:



#### For the health sector:

- Helping reduce costs by shortening hospital stays, providing health care at home.
- Strengthening and reinforcing medical advice.
- Better able to assist patients in remote locations.
- More cost-effective monitoring.
- Providing specialist expertise in areas that do not have these facilities.
- Possibility of shortening waiting lists.

#### For the patient:

- **Ex-pats** abroad who would prefer the diagnosis of their own doctor.
- Take advantage of customized medical AI applications, which are on the rise right now and will be for the foreseeable future.
- Holiday makers abroad who would value a second opinion.
- Patients in less developed countries seeking specialist advise.
- Privacy in certain countries where for instance a sexually transmitted disease can be considered a problem or be seen as reason for stigmatization, seeking advice remotely from a specialist in a different country could be of great assistance.
- Reducing waiting times for admission into hospital and shortening hospital visits. Reduced response time to life and health threats.
- Possibility of continued treatment after a hospital visit in the home environment.
- Providing greater and more consistent home care, nurturing independence, particularly for the elderly.

It is important to note that the **CUREStoken** EHR functionality is scheduled to be launched as early as 2019, and as of the time of writing this Whitepaper work on the **CUREStoken** EHR is being conducted, i.e. in pre-ITO stage.

Issues pertaining to the legal challenges for data storage and management have been well identified and these are relevant not only for the CUREStoken EHRs, but for the whole ecosystem of CURES. We are addressing these issues in strict compliance with the **EU General Data Protection Regulation (GDPR)** which is considered to be the most important change in data privacy regulation in 20 years and arguably the most comprehensive and sophisticated regulation in the field.



### 6.3. Health Assurance

Some of the aspiration of the **CUREStoken** ecosystem include constantly searching for innovative ways that embrace modern technology in order to reduce costs, maximising scarce resources, capitalizing on synergy and add value and empowerment to all relevant stakeholders, encouraging perfect competition through decentralization.

"Do we think that healthcare will become affordable by expecting the hospitals to be cheap? It just won't happen. The dynamics of decentralization will allow lower-cost caregivers to offer more sophisticated things.

This is what will happen, and it needs to happen" - Clayton Christensen - Kim B. Clark Professor of Business Administration at Harvard Business School



Our innovative future contracts concept is by no means an exception; in essence there are two types of contracts: specific contracts and future contracts. Specific contracts are contracts between a patient and a medical service provider (MSP) for a specialist job, for instance Rhinoplasty (Nose Job) while future contracts are between a patient and clinic for future work.

The contracts ensure both parties interests are fulfilled, each party being aware of their rights, duties and obligations, culminating in the eventual goal of improving healthcare worldwide.

The process is totally transparent and flexible, either party are able to initiate a contract, while clinics would be expected to offer their contracts now, for future work, at a discount.



By nurturing this concept, CURES through using the **CUREStoken** is certainly progressing towards what Kim.B.Clark professor of Business Administration at Harvard Business School advocates.

However, there is a further and exciting dimension promoting added value and empowerment, a platform will be developed to facilitate the trading of the contracts, capitalising on the opportunities provided by the rapid development of the blockchain technology, smart contracts and the ability to trade freely and securely anything of value in crypto tokens.

This allows patients to purchase now, contracts say for Rhinoplasty, hedging for instance against inflation and price increases, while in the same vein, clinics can sell contracts, either specific or for general work (depending on the services they offer) ensuring a steady flow of work. Should the patient for instance have a change of heart or want to capitalise on any increase in the value of **CUREStokens**, they can offer these contracts for sale within the CURES platform. Similarly, the clinic (MSP) might wish to outsource the contracts to other clinics for a variety of reasons.

#### The Benefits

There are several advantages to such a concept, some of which we have highlighted below:

#### **Patient**

- 👍 Hedging against inflation
- \$\diamondsymbol{+}\ Should the CUREStoken rise in value, they could trade the contracts later for higher price.
- As an example if you are buying a provision for services for a future date worth 1000 **CUREStokens** say for 750 **CUREStokens** at current prices this buys you for instance 1000 USD of medical services at a future date. Should there be a rise in the **CUREStokens** this could result in the patient receiving a greater worth of medical services.
- Assurance element by purchasing a contract now you are assuring future access to medical services at a discounted price.



- Contracts must be transferable to encourage trading, or there can be different forms and sorts of contracts or vouchers between the actors in the **CUREStoken** ecosystem.
- Relatives can be provided now, for future medical care.
- Patients that travel abroad, by purchasing future contracts can guarantee quality care.
- **Expats** abroad are better able to guarantee care from other countries.

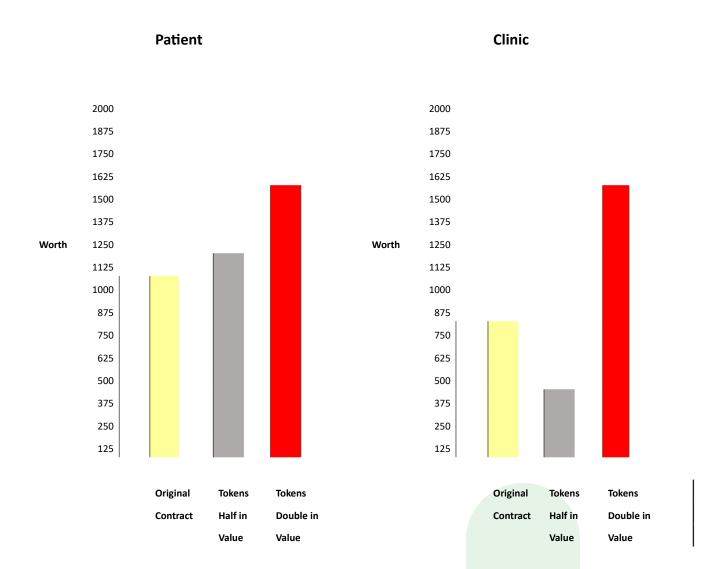
#### **Clinics**

- Can assist with cash flow.
- A way of raising funds interest free.
- Guaranteeing future work.
- Attracting new patients through offering preferential rates to the CUREStoken community. Should the **CUREStoken** rise in value, the clinic has the option to outsource the contract.
- As the clinics (MSP) can cooperate amongst themselves, this promotes the max imisation of scarce resources, as an example if a clinic buys an innovative laser that halves the costs of the operation; it would be expedient for such clinics to undertake the work capitalising on this innovation.
- Additional added value that can be derived from additional services needed to execute the contract, i.e. an ex-ray or a scan that is not included and needs to be paid by the patient on the spot.
- Through word of mouth and positive reviews, potential to increase clients.



#### **How it works**

As an example, a contract worth 1000 CUREStokens is discounted to 750 CUREStokens.



### **Patient**

Halves – 250 CUREStokens \* 0.5 = 125 CUREStokens. Worth to the patient is the original contract 1000 CUREStokens + the value of remaining Tokens 125 **CUREStokens** = 1125

Doubles – 250 CUREStokens \* 2 = 500 CUREStokens. Worth to the patient is the original contract 1000 CURES + the value of remaining Tokens 500 **CUREStokens** = **1500** 



#### Clinic

- Original If the clinic offered a discount contract often this is to raise funds and spend now, so the worth remains as per the contract 750 **CUREStokens**
- Halves If the tokens half in value i.e. 750 \* 0.5 then the worth to the clinic is 375 **CUREStokens**.
- Doubles If the tokens double in value i.e. 750 \* 2 then the worth to the clinic is 1500 **CUREStokens**.

This clearly illustrates the tremendous potential of the innovative health assurance concepts for all parties involved, and the exciting new business and trading opportunities it provides through the use of smart contracts and crypto trading.

From technical perspective the **CUREStoken** Health Assurance is essentially a system of upgradable Smart Contracts that are transferable - can change both the client (patient) and the provider. Through our platform both client and provider can decide what to do with the contract they have. The clients can use the contract, send contracts to family or friends, or sell the contract at a specific price. The providers can hold the contract, send it or sell it to another provider, all this will be achieved only by changing simple values in the Smart Contract and these changes can be made only by the owner (provider can transfer the contact to another patient).

Our platform will be connected to the Ethereum network, so all updates can be easily made through it, ensuring our clients ease of access.

# 6.4. Marketplace and trust review platform

As the name **CUREStoken** might suggest one of the core aims of the CURES project



is to globalize the health industry thus increasing its quality, competitiveness and inclusiveness. At the moment of writing this White paper it is considered that the business users of the token will be the private providers of medical services including clinics, hospitals and private practitioners. The token ecosystem does not preclude any government funded or state hospital from benefiting, in fact this is a very viable option. As an example the UK government have already funded operations in France, with hospital costs rising faster than the rate of GDP and revenue from taxes that fund the hospital costs, this could be a very viable and expedient way forward to alleviate the current and future crises.

Taking even a smaller niche in the private healthcare we are also aiming to serve those medical providers who are developing and offering medical tourism services (for people traveling to a country other than their own to obtain medical treatment).

"We estimate the worldwide medical tourism market size is USD 45.5-72 billion and the market is growing at a rate of 15-25%"

- Patients Beyond Borders



### **Motivators**

The reasons why patients are seeking out medical tourism and global healthcare options are multiple, but to just list a few:

- (a) healthcare may be too expensive at home
- (b) waiting lists may be too long
- (c) patients wish to access treatments not available at home (e.g. stem cell therapy, termination of pregnancy, unlicensed medications, gender re-assignment surgery)
- (d) patients wish for greater confidentiality than may be feasible at home (e.g. HIV/AIDS



treatment, infertility treatment, gender re-assignment surgery, face lifts)

(e) new challenges arise from time to time, such as new medical developments which are not universally accessible, the emergence of the so-called "superbugs", problems with the blood transfusion supply (e.g. Chaga's disease in the USA, HIV, HTLV-1 etc.), and the social imponderables such as war, political change and natural disasters. Any of these factors may lead to a loss of public confidence in healthcare services, and a desire to seek out healthcare abroad. The environmental and political situation will constantly vary throughout the world, and this will need to be factored into the equations.

To help with the search of providers worldwide our Marketplace is established as an invariable part of the CUREStoken ecosystem. In addition to a traditional marketplace it will also encompass a genuine trust review platform allowing patients to assess their experiences with a medical provider, subject to the patients having genuinely completed a transaction with the provider they are reviewing.

### The Marketplace Users

The marketplace will have two distinctive set of users:

- 1. Clinics, hospitals and other medical service providers who will be able to post their services on the marketplace completely free of charge. This will open up a new marketing and sales channel, allowing them to attract patients from far and near thus generating a new income stream. The review system allows clinics to maximize their scarce resources in optimizing and improving their services based on genuine feedback from actual users. In addition to the actual economical advantages of using a crypto token as a form of payment there are also some perceived advantages, for instance projecting a modern and forward thinking image by adopting innovative methods of payment crypto. Above all it is expected that being part of a new and modern community or ecosystem within the industry should deliver tremendous synergy, cost effectiveness and new exciting business opportunities.
- 2. The patients who can search and compare services by various providers on a global scale



scale in what can be perceived as a "virtual perfect market". Through the review system patients can ensure there are certain standards and customer satisfaction levels maintained. By using the coin this eliminates exchange controls, but it could also increase the value and volume of services and treatment in the future. In the case of transnational travel for health purposes (i.e. medical tourism) - the usage of the CUREStoken potentially eliminates any middle men and agencies, as the patients are put in contact directly with the clinic and once agreed, a smart contract is initiated between them. The Marketplace combined with the Health Assurance aspect of CUREStoken opens up a wider spectrum of services and creates conditions similar to ideal competition with multiple potential savings to be made, as the users of CUREStoken (patients & providers) ultimately belong to the same community and ecosystem allowing for preferential relationships to be formed.

### Payments and fees

Having a global range of providers inside a market worth in the region of USD 45.5-72 billion agree to use one standardized method of payment will bring in multiple additional advantages such as:

- cheaper transactions with 0% transaction fees on behalf of **CUREStoken**.
- No confusion over exchange rates and prices in different currencies.
- Speed of transfers globally.

The business model behind **CUREStoken** does not follow traditional patterns, so for instance we will never collect transaction fees and we will grant free access to the marketplace for medical services providers and patients alike.

However for additional payment, some extras and comfort features will be available. For example medical service providers can list for free. Upon booking of patient appointments they will get 100% of the revenue, with no commission for **CUREStoken**. To achieve better visibility they can however pay a minimal amount of **CUREStokens** for highlighting their listing or bringing it to a higher position when a patient performs a search. A further feature is to upload more pictures to a listing. Additional statistics and dashboards for optimizing their utilization can also be provided to the business users as an additional paid feature. It is important to note that paid features will not affect ratings and reviews, as nurturing quality, fair trade and ideal competition are at the heart of the CURES project.



In the same vein patients can pay a small fee and instead of browsing the different providers they will be given a facility to "auctionise" the demand for medical work they are having. For example patients can post ads confidentiality with what they are searching for (i.e. nose surgery, dental care, eye laser surgery etc) and have this automatically sent to the medical service providers who are applicable. The providers will then return quotes to the patient, in essence bidding for the future work. This is not only a handy feature, but in essence it emphasizes even further our desire to put the patient in the centre of the ecosystem of excellent healthcare.

These innovative methods of monetization will ensure the system remains open and available to all, while in the same time provide sustainability and long term security. They will furthermore increase the circulatory demand for the **CUREStoken**, as all additional services will be paid in CUREStokens only.

From a technical perspective the relationships formed through our marketplace will make a connection between patient and provider by an upgradable Smart Contract that is created for each offer included in our marketplace. Each client will be saved in an array that is kept in the Smart Contract and the status of the client will be publicly available. Since only an Ethereum address will be used for the patients, we can ensure their privacy and no one except the medical provider that does the procedure will know who they are if they decide to keep the treatment private. Since prices can vary and discounts can apply the contract owner (seller) will be able to update the contract which will only be relevant for future (after the update) payments and won't affect the previous purchases. Upgradable contracts ensure that we won't pollute the network with useless contracts while at the same time lowering the costs, since updating the information is cheaper than adding new contract on the Ethereum network.

All payments will be made with CURES Tokens and will be stored on a distributed ledger made possible by blockchain and EVM (Ethereum Virtual Machine). Every transaction that is made trough our website will send an event on the Ethereum network, this event will be written on the blockchain, which makes the payments transparent and easy to prove.

The auction will be placed as a Smart Contract that will hold all offers in an array. All auctions will have an end date and a close option, in case the patient chooses an offer and wants to



to accept it before the end date. Once an offer is selected the data will be written on the blockchain and the execution of the procedure will start, depending on terms that both sides agree on.

All terms in our marketplace will be predetermined in a smart contract that is available for both patient and provider. We will be mediators of the contract in case there is any dispute between the two parties. Once the procedure is done the payment will be released, if the patient is not comfortable with the end result or the clinic has some problems, both can address our team of specialists, who will review the case. In case our team has to step in, there will be predetermined rights we can use. Our team will be able only to step in if one of both sides decides that there is something unfair, that a third party has to resolve, by clicking a simple button that will make the smart contract open for us. In any other case our team won't have access to the smart contract, ensuring that the ultimate rights stay in the hands of our clients.

#### Trust Review Platform

The trust review platform will be based on an array of clients that will be on a Smart Contract. Every client will have a status, once the status becomes complete, the client can leave feedback for the provider, ensuring that only real feedbacks are left.

### Keeping the data

Due to the reason it is still not cost effective to keep data on the blockchain, CURES will keep the heavy, but not sensitive data (pictures, videos or any other informative content) on its servers. We currently work on storing all our data on decentralized servers. As examples we are digging into Siacoin and Filecoin. We will chose and work close with the selected "provider", depending on the needs and benefits for our clients. Our top priority is to make our service as easy to use and as cost effective as possible. Both patients and providers should benefit from our services and have easy access to all functionalities that are available, ensuring pleasant experience for all users.



### **Quality Control**

One sensitive issue that needs to be handled with care here is maintaining the balance between the principles of a decentralized autonomous organization (DAO) and the duty of care by the project founders, especially to ensure that only real, adequate and high quality providers of medical services are accepted into the ecosystem. In addition we are very aware of the issue arising from the diverse healthcare professional's laws, practices and regulations in different countries. To handle all these aspects a Vetting, Verification and Quality Control Department (VVQCD) will be established with the purpose of verifying and signing up providers to the ecosystem.

This will be done via distance methods and building upon the best practice and standards of international healthcare accreditation (as The International Society for Quality in Health Care dictates) and with the understanding that providing healthcare, especially of an adequate standard, is a complex and challenging process; and by assessing providers "holistically", and not just some isolated facet of their activities or services, while in the same time remaining flexible for the different types and sizes of medical service providers. There are different accreditation schemes which vary in approach, quality, size, intent, sourcing of surveyors and the skill of their marketing.

After extensive research we have decided to use as a departure point some of the standards and procedures of the **Joint Commission International (JCI)** based in the United States and formerly known as the Joint Commission on Accreditation of Healthcare Organizations (JCA-HO). Building upon their well-established and documented approach the **VVQCD** will apply our own unique scheme for the purposes of CUREStoken, which will be transparent and agreed by the community after a digital consultation process. The scheme will furthermore offer quantifiable benchmarks for quality and patient safety, stimulate and demonstrate continuous, sustained improvement through a reliable process, improve outcomes and patient satisfaction, enhance efficiency and reduce costs through standardized care.

In addition to the initial assessment follow up and ongoing reviews and check-ups will be conducted democratically by the community as a whole through the review functionality; and by the **VVQCD** at regular intervals.

# 6.5. Trading Platform

"We see our customers as invited guests to a party, and we are the hosts, It's our job every day to make every important aspect of the customer experience a little bit better"

- Jeff Bezos



The trading platform compliments the marketplace, but it constitutes a different space with a different user interface and several layers. It introduces a new stakeholder in the CUREStoken ecosystem – the Medical Equipment Supplier (MES).

#### **Features**

The trading platform has two interfaces:

- 1. Interface for patients, who are able to browse suppliers of personal medical equipment for various kinds of equipment. From traditional items such as glasses, hearing aids, orthopedic shoes and slippers or walking sticks to the more hi-tech solutions in the field such as mechanical bathroom platforms, fitbits and smart watches with health-monitoring functions, bio-monitoring devices or nano-lab home testing devices.
- 2. Interface for medical services providers (clinics, hospitals and private practitioners), who are able to browse suppliers of medical equipment for wholesale prices. The medical equipment suppliers (MES), the medical services providers (MSP) and the patients (P) form various forms of relationships via the use of mutually agreed smart contracts can interact as follows:

MES2P - medical equipment suppliers to patients

**MES2MSP** - medical equipment suppliers to medical services providers

In addition, however an extra feature will allow initiating the relationship and smart contract the other way around (i.e. P2MES and MSP2MES) optionally where patients and medical services providers can pay a small fee and instead of browsing the different equipment suppliers they will be given the facility to "auctionise" their request for a certain piece of equipment. Patients and medical services providers can post ads or requests for quotes and have these automatically sent to the equipment suppliers. They will then return quotes, in essence bidding for the future sale.

One further prominent feature will be the ability of equipment suppliers to sell enmasse by offering products and equipment at reduced prices on the condition that a minimum number of buyers would make the purchase, with the deal being initiated when a set number of buyers agree to buy the product. The functionality will also allow individual buyers within the CUREStoken community to sign up en-masse to buy the same product and the price of the product would fall as more people signed up to buy it, taking advantage of economies of scale. The boundaries in which this will happen will however be set by the equipment supplier and made transparent from the outset, ensuring a balance between ideal competition conditions and fair trade. The new technology available with the development of blockchain makes it easier to do business safely even with such flexible approaches. The suppliers will not be dictated on the conditions of the offer by anyone, while in the same time the buyers will know that they won't have to fear the "small print" as all offer conditions will be widely and transparently publicized from the outset. The advantages of such approach have been well documented in the previous section of the whitepaper, with the most prominent ones being the building of a sustainable community, the opening of new and forward looking marketing and sales channels, the elimination of long supply chains and high international transaction costs.

"And it's interesting, when you look at the predictions made during the peak of the boom in 1990s about e-commerce, or internet traffic, or broadband adoption, or internet advertising, they were all right – they were just wrong in time." - Chris Anderson





### 6.6. Charitable Trust Fund (CTF)

"Creating a strong business and building a better world are not conflicting goals – they are both essential ingredients for long-term success" – William Clay Ford Jr. Executive Chairman, Ford Motor Company



At **CUREStoken** we wholly concur that creating a strong business and building a better future should go hand in hand. Throughout this Whitepaper we have demonstrated the benefit to all stakeholders of using CURES:

- in itself creating a better world through better access to quality health care,
- reducing cross border boundaries,
- empowering all stakeholders and in doing so maximizing our scarce resources.

However, we believe it is our responsibility to contribute even further to creating a better world by assisting those less fortunate.

"Let us be the ones who say we do not accept that a child dies every three seconds simply because he does not have the drugs you and I have. Let us be the ones to say we are not satisfied that your place of birth determines your right for life. Let us be outraged, let us be loud, let us be bold." - Brad Pitt





In order to achieve this, 5% of the tokens will be locked for varying long term periods of up to 10 years, and a charity will be registered with its headquarters based in London, as the UK offers some of the world's most advanced and sophisticated legislation in relation to charitable trusts and their governance and taxation, ensuring above all efficiency and transparency. The rotating trustees and governors of the charitable trust fund will be selected amongst willing and reputable members of society, including celebrities, professionals and token holders. In the meantime during the decade-long period there will be provisions for voluntary contributions, users of the token will be reminded about the opportunity to donate a small percentage from each transaction they make, while in the same time they could also offer a direct transfer of tokens to the charitable trust fund via the dedicated smart contracts and wallet that will be set up for this purpose.

The time vesting period for the tokens set aside for the charitable trust fund is 5 years for 40% of the tokens and 10 years for the remaining 60% of the tokens, combining the long term accumulative effect with the need to release some of the funds earlier in order to help achieve our global aspirations sooner.

Suitable, tangible projects in healthcare, aimed at eradicating global health problems and systematic faults i.e. projects funding vaccines in deprived areas of the world will be identified. The projects will be vetted against clear and transparent formal criteria, while the purpose, impact and benefit will be clearly determined. Each year out of those vetted, three will be selected taking into account a cost-benefit analysis and assessing those more able to contribute to a better future.

Once this information has been collated a summary will be distributed to all token holders, who will then be able to vote through a comprehensive digital consultation process as to which projects should be funded. The funds that year will then be shared in the same proportion as the votes cast.

Contracts will then be drawn up between the fund and the project managing organisations, quarterly reports will be requested upon which further funding will be released, in accordance with the terms laid down in the contract.



Each year, when circulating the token holders a report will be prepared on how the funds were distributed, the actual results and benefits derived.

Setting up the autonomous **CUREStoken** charitable trust fund with a percentage of tokens created is in essence applying a working and proven concept into a new and modern context – blockchain and cryptocurrency transactions. In the more "traditional domain" more than 70 governments around the world have sovereign wealth funds, in which they have invested certain portions of their wealth for alternative uses. For example Norway invested its oil income in a sovereign wealth fund established in 1990 that is now worth more than \$1tn (£713bn). An IPPR report (Institute for Public Policy Research ) claims that for example had the UK's revenues from North Sea oil been invested in a sovereign wealth fund in the 1980s, such a fund would have been worth more than £500bn today.<sup>20</sup>

The autonomous **CUREStoken** charitable trust fund would enable users to collectively bring a positive change to the world, and make sure everyone benefits from rising returns to capital and despite the rising costs and needs for healthcare, not just people who own assets and can afford it anyway.

In addition, the charitable trust fund is in essence a prime example of corporate social responsibility (CSR) which will give token users a feel-good factor and will further nurture the altruistic nature of people. There is a very unfair stereotype that crypto-users as a general rule avoid taxes, the charitable trust fund gives them chance to tax themselves for a good cause, providing an even further argument and example of how crypto can change the world for the better.

# 7. Market opportunity



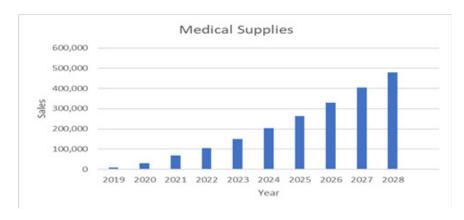
# 8. Financial Projection

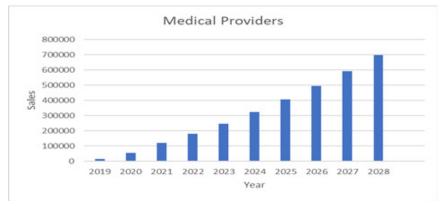
# 8.1. Projected Income

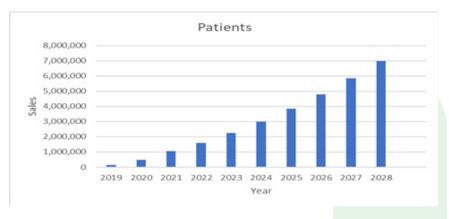
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Medical S	uppliers (Launch Q2 20	19)										
Medical S	uppliers enrolled		500	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500	2,500
Cumulativ	/e		500	1,250	2,250	3,500	5,000	6,750	8,750	11,000	13,500	16,000
% using p	remium listing		3	4	5	- 5	5	5	5	5	5	5
Cost per n	nonth	50	600	600	600	600	600	600	600	600	600	600
Income			9,000	30,000	67,500	105,000	150,000	202,500	262,500	330,000	405,000	480,000
		_										
Clinics (La	unch Q2 2019)											
Modical d	linics enrolled		750	1.500	1,750	2.000	2,250	2.500	2.750	3.000	3.250	3.500
Cumulativ		-	750	2.250	4.000	6,000	8,250	10.750	13.500	16.500	19.750	23,250
	remium listing		3	2,200	4,000	5,000	6,230	10,730	13,300	10,500	15,730	
Cost per n		50	600	600	600	600	600		600	600	600	600
Income	TOTAL T		13,500	54,000	120,000	180,000	247,500		405,000	495,000	592,500	697,500
income			13,300	34,000	120,000	шодооо	247,500	322,300	405,000	403,000	332,300	037,300
Patients (	Launch Q2 2019)											
Me dical P	atients enrolled		500,000	700,000	900,000	1,100,000	1,300,000	1,500,000	1,700,000	1,900,000	2,100,000	2,300,000
Cumulativ	ve .		500,000	1,200,000	2,100,000	3,200,000	4,500,000	6,000,000	7,700,000	9,600,000	11,700,000	14,000,000
% using p	remium listing		3	4	5	5	5	5	5	5	5	5
Cost		10	10	10	10	10	10	10	10	10	10	10
Income			150,000	480,000	1,050,000	1,600,000	2,250,000	3,000,000	3,850,000	4,800,000	5,850,000	7,000,000
Medical R	e cords (Launch Q1 2019	9)										
Me dical P	atients enrolled		500,000	700,000	900,000	1,100,000	1,300,000	1,500,000	1,700,000	1,900,000	2,100,000	2,300,000
Cumulativ	ve		500,000	1,200,000	2,100,000	3,200,000	4,500,000	6,000,000	7,700,000	9,600,000	11,700,000	14,000,000
% using N	Nedical records		3	4	5	5	5	5	5	5	5	5
Cost per n	nonth	5	60	60	60	60	60	60	60	60	60	60
Income			900,000	2,880,000	6,300,000	9,600,000	13,500,000	18,000,000	23,100,000	28,800,000	35,100,000	42,000,000
Revenue			1,072,500	3,444,000	7,537,500	11,485,000	16,147,500	21,525,000	27,617,500	34,425,000	41,947,500	50,177,500

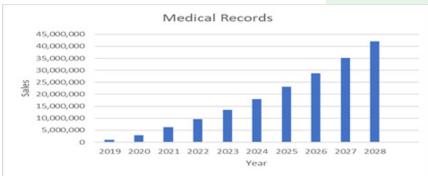


#### Please refer to the graphs below, depicting the income











# 8.2. Projected Profit and Loss

	2018/19	2020	2021	2022	2023	2024	2025	2026	2027	2028
Sales	1,072,500	3,444,000	7,537,500	11,485,000	16,147,500	21,525,000	27,617,500	34,425,000	41,947,500	50,177,500
ico	6,000,000									
Direct Costs										
Initial costs	3,200,000									
Direct costs	53,625	172,200	376,875	574,250	807,375	1,076,250	1,380,875	1,721,250	2,097,375	2,508,875
Wages	88,263	283,429	620,309	945,174	1,328,881	1,771,430	2,272,820	2,833,053	3,452,127	4,129,427
Total Direct Costs	3,341,888	455,629	997,184	1,519,424	2,136,256	2,847,680	3,653,695	4,554,303	5,549,502	6,638,302
Gross margin	3,730,612	2,988,371	6,540,316	9,965,576	14,011,244	18,677,320	23,963,805	29,870,697	36,397,998	43,539,198
Indirect Costs										
Initial costs	3,500,000									
Operational Costs	250,000	375,000	500,000	625,000	750,000	875,000	1,000,000	1,125,000	1,250,000	1,375,000
Marketing	0	875,000	1,000,000	1,125,000	1,250,000	1,375,000	1,500,000	1,625,000	1,750,000	1,875,000
Wages	36,397	116,878	255,798	389,762	547,992	730,486	937,245	1,168,269	1,423,558	1,702,856
Total Indirect Costs	3,786,397	1,366,878	1,755,798	2,139,762	2,547,992	2,980,486	3,437,245	3,918,269	4,423,558	4,952,856
VAT	11,479	336,967	943,438	1,526,792	2,223,354	3,033,125	3,956,104	4,992,292	6,141,688	7,403,104
Net Profit/-loss	-67,264	1,284,527	3,841,081	6,299,022	9,239,898	12,663,709	16,570,455	20,960,136	25,832,752	31, 183, 238
Taxation		121,726	384,108	629,902	923,990	1,266,371	1,657,046	2,096,014	2,583,275	3,118,324
Net Profit/loss after Tax	-67,264	1,162,801	3,456,973	5,669,120	8,315,908	11,397,338	14,913,410	18,864,123	23,249,477	28,064,914

#### Please refer below to the graph below depicting the projected Profit and Loss

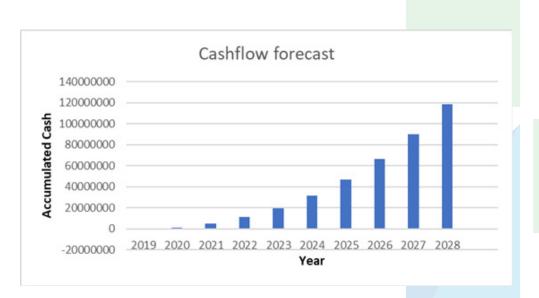




#### **Projected Cash flow forecast**

	2018/19	2020		2022	2023	2024	27,617,500	2026 34,425,000	2027 41,947,500	2028 50,177,500
Sales	1,072,500	3,444,000								
ICO	6,000,000									
Total income	7,072,500	3,444,000	7,537,500	11,485,000	16,147,500	21,525,000	27,617,500	34,425,000	41,947,500	50,177,500
Direct Costs										
Initial costs	3,200,000									
Direct costs	53,625	172,200	376,875	574,250	807,375	1,076,250	1,380,875	1,721,250	2,097,375	2,508,879
Wages	88,263	283,429	620,309	945,174	1,328,881	1,771,430	2,272,820	2,833,053	3,452,127	4,129,427
Total Direct Costs	3,341,888	455,629	997,184	1,519,424	2,136,256	2,847,680	3,653,695	4,554,303	5,549,502	6,638,302
Indirect Costs										
Initial costs	3,500,000									
Operational Costs	250,000	375,000	500,000	625,000	750,000	875,000	1,000,000	1,125,000	1,250,000	1,375,000
Marketing	0	875,000	1,000,000	1,125,000	1,250,000	1,375,000	1,500,000	1,625,000	1,750,000	1,875,000
Wages	36,397	116,878	255,798	389,762	547,992	730,486	937,245	1,168,269	1,423,558	1,702,856
Total Indirect Costs	3,786,397	1,366,878	1,755,798	2,139,762	2,547,992	2,980,486	3,437,245	3,918,269	4,423,558	4,952,856
VAT	11,479	336,967	943,438	1,526,792	2,223,354	3,033,125	3,956,104	4,992,292	6,141,688	7,403,104
VAT Paid	10,523	309,843	892,898	1,478,179	2,165,307	2,965,644	3,879,189	4,905,943	6,045,905	7,297,986
Taxation Paid			121,726	384,108	629,902	923,990	1,266,371	1,657,046	2,096,014	2,583,27
Net inflow/outflow	-66,307	1,311,651	3,769,894	5,963,527	8,668,043	11,807,200	15,380,999	19,389,440	23,832,522	28,705,081
Opening Balance	0	-66,307	1,245,343	5,015,237	10,978,764	19,646,807	31,454,007	46,835,006	66,224,445	90,056,967
Closing Balance	-66,307	1,245,343	5,015,237	10,978,764	19,646,807	31,454,007	46,835,006	66,224,445	90,056,967	118,762,048

### Please refer to the graph below depicting the accumulated cash fund





# 9. Token usage

On **19/09/2018 at 12:00 GMT**, we are launching the tokensale of our CURES digital token. The ITO (Initial Token Offering) will be launched as a TGE (token generation event).

CURES represent a universal native Token: the CURES is the fuel that will power all services the **CUREStoken** ecosystem provides. When you buy CURES, you unlock full service abilities of our decentralized marketplace and trust review platform, trading platform, HAPP store, health assurance system and medical records.

We overcome the complexity of buying a crypto token by planning our own fiat-CURES exchange.

We also plan to make it a straightforward process for new users to buy tokens and services with current exchange partners.

From a client's perspective who browses the CUREStoken's platforms, the use of CURES tokens will not be a requirement. But in reality, what will happen at the time of any purchase is that the built-in exchange facility will convert any external means of payment into CURES. Use of other fiat and crypto-currencies will be provided as a service, although charges of 2-5% may apply. Over time, more functionality will be released.

We are already in talks with healthcare institutions, private practitioners and partners to make CURES the preferred Token for their own upcoming and existing medical services, as they migrate to decentralized platforms. We envision CURES will be used in the broader Healthcare industry and any other industries for various purposes including payment and remittance.

The end goal: **CUREStoken** is building a solid, global Healthcare utility—an advanced platform the entire patient population and medical community will use to great advantage; where anyone can participate as users and Token holders.

**CUREStoken** will become a complete healthcare ecosystem for the worldwide patient population with digital access, as well as for the applicable medical service providers, medical equipment suppliers and developers of health related applications.



New and old industries powered by millions of individuals and new businesses will build their entire foundations on these decentralized Crypto Token based ecosystems. From ordinary payments to important health data sharing, large B2B transfers, fundraising and investments, future contracts trading, smart contracts and new services that are just being imagined into existence—disruption is coming at a rapid rate. Healthcare is a fundamental part of this transition and possibly the industry that will be benefited the most.

Please note that CURES does not represent any equity in **CUREStoken** and does not entitle holders to any voting rights, dividends or profit-sharing of any entities of **CUREStoken**. CURES is a Crypto Token that can be used as the fuel that powers all services provided by the CUREStoken Platforms and **CUREStoken's** existing services (HAPP store and the forthcoming platforms and services).

#### CURES has two main functions:

- 1. As Crypto Token users can pay for products and services on all our platforms.
- 2. As a tradable Crypto Token on the open market.

On top of these, CURES will be open to all healthcare, financial and any other industries. **CUREStoken** will not limit the usage of CURES nor business entities that would like to use CURES for their business.

As the demand for the **CUREStoken** platforms grows, the utility of CURES will increase and will allow CURES holders to use its value to pay for all services and functions **CUREStoken** and its partners will provide.

CUREStokens don't grant participation in Company or its assets. The **CUREStokens** tokens do not provide token holders with any ownership or other interest in Company. Acquisition of the **CUREStokens** does not present an exchange of cryptocurrencies for any form of shares in Company or Company's assets, including intellectual property. Token holders are not entitled to any guaranteed form of dividends, revenue distributions, and voting rights.

**CUREStokens** are not intended as any kind of shares, bonds or other securities, derivatives,



payment services, e-money, financial instrument, in any jurisdiction. This White Paper does not constitute a prospectus or offer document of any sort, nor a legal advised and is not intended to constitute an offer of securities or a solicitation for investment, does not pertain in any way to an initial public offering or a share/equity offering, and does not pertain in any way to an offering of securities in any jurisdiction. The **CUREStokens** are not intended to be marketed, offered for sale, purchased, sold, or traded in any jurisdiction where they are prohibited by applicable laws or require further registration with any applicable governmental authorities.

### 10. Token specifications and allocation

### 10.1. CUREStoken specification

Token Name: Type: Total Supply:

CUREStoken ERC-20 500 000 000 CURES

Abbreviation: **Ethereum-Based** Maximum Tokens Offered to public during

CURES Token ITO: 175 000 000 CURES





Our token is declaring the required functions and events to meet the ERC20 standards. The token is written in Solidity, which is currently the top developing language on the Ethereum network. The code is deployed on the Ethereum network and will be made public, which will bring more transparency to our project.

CURES aims to be in the lead by connecting all medical services by our platforms that form an environment that can work in real time based on Smart Contracts. As the number of offers,



in maximum utility and demand which will ensure that the token price increases.

**CURES Token** is designed as s a high-performance system that will do all important work on the Ethereum Blockchain. Since most of the heavy not sensitive work will be done by our servers, we expect to handle extremely high volumes of transactions.

# 10.2. Token supply and allocation

175 million tokens will be offered for sale during all events of the ITO (private sale, presale and public sale). Any CURES which is unsold from the token sale will be destroyed. All tokens sold during the ITO will constitute 35% of all **CURES tokens**.

Following the ITO the remaining tokens will be generated in the following ratio:

20% - Future development

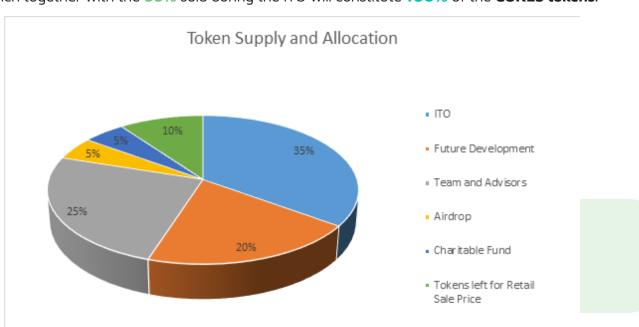
25% - Team and advisors

5% - Airdrops

5% - Charitable trust fund

10% - Tokens left for retail price sale after the ITO

Which together with the 35% sold during the ITO will constitute 100% of the CURES tokens.

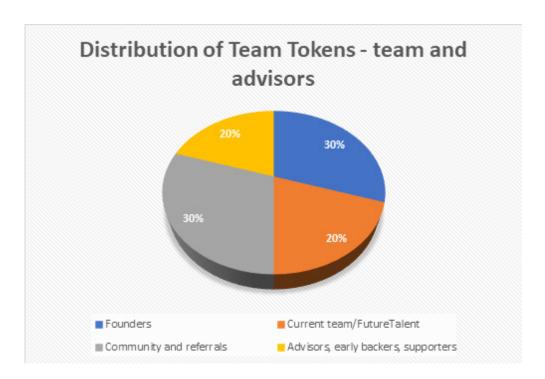




The 20% of tokens set aside for future development will be used for future fund raising, business development, academic research and other ways for market expansion.

The 25 % of tokens set aside for team and advisors will be distributed as follows:

- 30% Founders
- 20 % Current team and future talent hired
- 30% Community and referrals
- 20% Advisors, early backers and supporters



The use of the 5% set aside for the charitable trust fund has already been well documented in the relevant section of this White paper.

Any strategic partner or early supporter that receives tokens via airdrop must hold long term by contract agreement, with a time vesting of at least 1 year.

The time vesting period for the tokens set aside for the charitable trust fund is 5 years for 40% of the tokens and 10 years for the remaining 60% of the tokens.

The time vesting period for team tokens is 1 year.



The time vesting period for the tokens set aside for future development is 2 years.

We are very aware and cautious of the effects of token price volatility and will do everything ethically possible to maintain and raise our tokens value.

Up to 175 million tokens will be offered for sale during all events of the ITO (private sale, presale and public sale).

After the end of the token offering there will be 10% of the CURES available and circulated for retail sale. The retail price of the CURES off-ered for retail sale on the platform will be set at x5 times the price o-ffered during the ITO; therefore the ITO provides an opportunity to buy CURES at a substantial discount compared to the retail sale price of CURES.

Note: The retail sale is an opportunity to buy CUREStokens and use them within the platform to new users who haven't participated in the ITO; it does not imply that the platform will buy back tokens from holders at the x5 price after the ITO is completed.

All unsold tokens will be burned.

### 11. Token sale terms

The sale of **CUREStoken** will be conducted by an EU-based limited liability company: **Vision Technology OOD ("Vision Technology")**, which is incorporated and operating under the laws of the Republic of Bulgaria.

For additional information on the nature of the tokens and the token sale, please refer to p. 17 below.

### Token price

The general price of the token is set as follows:

1 ETH = 1000 CURES



However, during the various stages of the ITO and the different ITO events various bonuses will be added as follows:

### **Private Sale**

End date **30/11/2018 Bonus**: **30%** 

Token price: 1 ETH = 1300 CURES

Minimum purchase in ETH: 5 ETH

Minimum purchase in fiat (wire transfer): 5000 USD or the eq. of 5 ETH (whichever is larger)

# Presale - 4 Stages

From 1/12/2018 to 28/02/2019

# **Presale Stage 1**

From 1/12/2018 to 15/12/2018

**Bonus: 15%** 

Token price: 1 ETH = 1200 CURES

Minimum purchase in ETH: **no minimum requirement**Minimum purchase in fiat (wire transfer): **5000 USD** 



### Presale Stage 2

From 16/12/2018 to 31/01/2019

**Bonus: 25%** 

loken price: 1 ETH = 1150 CURES

Minimum purchase in ETH: **no minimum requirement**Minimum purchase in fiat (wire transfer): **5000 USD** 

# Presale Stage 3

From **01/02/2019** to **15/02/2019** 

**Bonus: 20%** 

Token price: **1** ETH **= 1100** CURES

Minimum purchase in ETH: **no minimum requirement**Minimum purchase in fiat (wire transfer): **5000 USD** 

### Presale Stage 4

From 16/02/2019 to 28/02/2019

**Bonus: 10%** 

Token price: 1 ETH = 1050 CURES

Minimum purchase in ETH: **no minimum requirement**Minimum purchase in fiat (wire transfer): **5000 USD** 

### **Public Sale**

From **01/03/2019** to **30/04/2019** 

**Bonus: NO** 

Token price:
1 ETH = 1000 CURES

Minimum purchase in ETH: **no minimum requirement**Minimum purchase in fiat (wire transfer): **5000 USD** 





**Important notice:** Please note that the token price during the public sale will be determined by the tokens sold and ETH raised during the private sale and pre-sale. An additional public announcement will be made before the public sale, however the price will be determined between these levels:

If up to **5000 ETH** raised during private sale and pre-sale, price during public sale will be **1 ETH = 1000 CURES**.

If between 5001 and 50 000 ETH raised during private sale and pre-sale, price during public sale will be **1 ETH = 950 CURES**.

If between 50 001 and 80 000 ETH raised during private sale and pre-sale, price during public sale will be **1 ETH = 900 CURES**.

If over 80 000 ETH raised during private sale and pre-sale, price during public sale will be **1 ETH = 850 CURES**.



After the end of the token offering there will be 10% of the CURES available and circulated for retail sale. The retail sale is an opportunity to buy CUREStokens and use them within the platform to new users who haven't participated in the ITO.

The retail price of the CURES off-ered for retail sale on the platform will be set at x5 times the price o-ffered during the ITO; therefore the ITO provides an opportunity to buy CURES at a substantial discount compared to the retail sale price of CURES.

To ensure a safe and secure token buying process we will place preventative measures and compliance processes for all token participants, which will be flexible enough, yet providing the required compliance and security levels.

We will carry out our Token Sale only through our website, and following best KYC and AML practices, ensuring later on an easy access to major and recognized exchanges.

The **CURESToken** Smart Contract will be published on the Ethereum network and the tokens that are generated will be transferred after the sale ends.

The Smart Contract operator will not have the ability to generate any new token.

The amount invested will be calculated by the Ethereum price with the formula **1 ETH = 1000 CURES** (without bonuses).

The token distribution will start 48 hours after the token sale ends and can take up to 14 days. If we have any tokens left from the sale the tokens will be burned. All investments that are made in ETH will be transferred to the address that the amount is sent from, if the investment is in Fiat or BTC the tokens will be sent to the user wallet that is attached to his profile.



### 12. Benefits of CURES token

There are several advantages to such a concept, some of which we have highlighted below:

#### **Patient**

- + Hedging against inflation
- Should the **CUREStoken** rise in value, they could trade the contracts later for higher price.
- As an example if you are buying a provision for services for a future date worth 1000 **CUREStokens** say for 750 CUREStokens at current prices this buys you for instance 1000 USD of medical services at a future date. Should there be a rise in the CUREStokens this could result in the patient receiving a greater worth of medical services.
- Assurance element by purchasing a contract now you are assuring future access to medical services at a discounted price.
- Contracts must be transferable to encourage trading, or there can be different forms and sorts of contracts or vouchers between the actors in the **CUREStoken** eco system.
- Relatives can be provided now, for future medical care.
- Patients that travel abroad, by purchasing future contracts can guarantee quality care.
- **Expats** abroad are better able to guarantee care from other countries.

#### **Clinics**

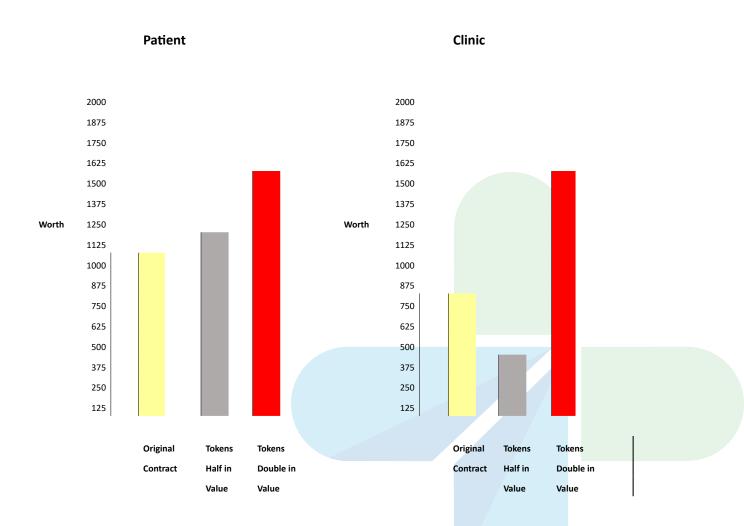
- Can assist with cash flow.
- 👍 A way of raising funds interest free.
- 💠 Guaranteeing future work.
- Attracting new patients through offering preferential rates to the **CUREStoken** community.
- Should the **CUREStoken** rise in value, the clinic has the option to outsource the contract.



- As the clinics (MSP) can cooperate amongst themselves, this promotes the maximisation of scarce resources, as an example if a clinic buys an innovative laser that halves the costs of the operation; it would be expedient for such clinics to undertake the work capitalising on this innovation.
- Additional added value that can be derived from additional services needed to execute the contract, i.e. an ex-ray or a scan that is not included and needs to be paid by the patient on the spot.
- Through word of mouth and positive reviews, potential to increase clients.

#### How it works

As an example, a contract worth 1000 CUREStokens is discounted to 750 CUREStokens.





#### **Patient**

- → Halves 250 CUREStokens \* 0.5 = 125 CUREStokens. Worth to the patient is the original contract 1000 CUREStokens + the value of remaining Tokens

  125 CUREStokens = 1125
- Doubles 250 CUREStokens \* 2 = 500 CUREStokens. Worth to the patient is the original contract 1000 CURES + the value of remaining Tokens

  500 CUREStokens = 1500

#### Clinic

- Original If the clinic offered a discount contract often this is to raise funds and spend now, so the worth remains as per the contract **750 CUREStokens**
- Halves If the tokens half in value i.e. 750 \* 0.5 then the worth to the clinic is **375 CUREStokens.**
- Doubles If the tokens double in value i.e. 750 \* 2 then the worth to the clinic is **1500 CUREStokens**.

This clearly illustrates the tremendous potential of the innovative health assurance concepts for all parties involved, and the exciting new business and trading opportunities it provides through the use of smart contracts and crypto trading.

From technical perspective the **CUREStoken** Health Assurance is essentially a system of upgradable Smart Contracts that are transferable - can change both the client (patient) and the provider. Trough our platform both client and provider can decide what to do with the contract they have. The clients can use the contract, send contracts to family or friends, or sell the contract at a specific price. The providers can hold the contract, send it or sell it to another provider, all this will be achieved only by changing simple values in the Smart Contract and these changes can be made only by the owner (provider can transfer the contact to another patient).



Our platform will be connected to the Ethereum network, so all updates can be easily made through it, ensuring our clients ease of access.

### 13. Utilization of raised resources

Core develop-40% ment of the various CUREStoken

platforms including the marketplace and trust review platform, the trading platform, health assurance system, electronic health records and HAPP store. This includes the development of the various layers of infrastructure and interface, in order to enhance user experience, develop new functions and make the on-boarding of new business and individual users seamless.

10%

Operational, management and administration costs.

as well as unforeseen costs. This budget heading will ensure the stable and efficient day-to-day maintenance of the CUREStoken ecosystem, ensuring high quality management, operations and customer support.

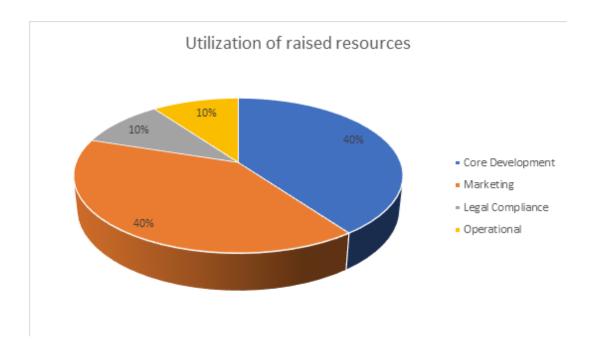
Marketing, business devel-40% opment and on-boarding of new business users and

institutional partners worldwide, community and ecosystem construction activities, using a combination of traditional marketing channels and new out-of-the-box approaches.

Legal compliance, block-10% chain and digital assets are emerging concepts, which

are more or less still in the infant stage of their development. As their usage grows so will inevitably the legal framework surrounding them. Compliance will become one of the major factors for success in the industry, therefore we set special budget aside to cope with potential legal risk, and to ensure our ecosystem of platform and services meets the regulatory requirements, laws and regulations of various jurisdictions. In addition we will ensure we have the systems and procedures in place to conduct all **CUREStoken** operations in the most transparent and accountable manner possible, adopting international accounting and financial reporting standards where applicable.





# 14. Strategy

The complexity and diversity of the various sophisticated platforms, services, business cases and individual solutions, which form diverse and multi-purpose relationships thus building the holistic **CUREStoken** ecosystem is obvious.

However the strategy we have adopted follows a simple, straightforward linear model, making its implementation easier to understand and installing the necessary confidence in the **CUREStoken** user.

- **1.** Issue the **CURES token** and raise funds. Make the HAPP store simultaneously available so users can spend tokens immediately after the generation, positioning us in stark contrast to the myriad of "we'll-do-it-hopefully-sometime-in-the-future" startups and ICOs.
- 2. Build the marketplace and trading platform.
- **3.** Develop these by attracting business users through a comprehensive rewards and airdrop system.



- 4. Attract more medical service providers (MSP) and medical equipment suppliers (MES).
- **5.** Attract software app developers (desktop and mobile) to list their products on the HAPP store.
- **6.** As these features grow in both usage and functionality develop practically the more sophisticated concepts of health assurance and electronic health records.
- **7.** Through the construction of the **CUREStoken** ecosystem offer an unrivalled cost effective model and competitive prices to patients globally.
- 8. Attract and reward the loyalty of customers.
- **9.** Offer efficient fixes for the most common bugs in healthcare and change the way we as individuals manage our health and the related services.
- **10.** Nurture any business which wishes to connect to the **CUREStoken** ecosystem after the appropriate vetting, verification and quality control assessments.
- 11. Offer unrivalled cost effectiveness and security to patients globally FREE OF CHARGE.
- **12.** Offer unrivalled business cases, opportunities and solutions to medical service providers (MSP), medical equipment suppliers (MES) and appropriate software app developers FREE OF CHARGE.
- **13.** Develop the charitable trust fund as a global healthcare instrument for intervention where most necessary, embracing self-taxation practices, charity, humanity and altruism.

### 15. Roadmap



2018

### 2018

### Q1

- CURES idea was born
- Research in the Healthcare problems
- Research in the Blockchain

2018

### Q2

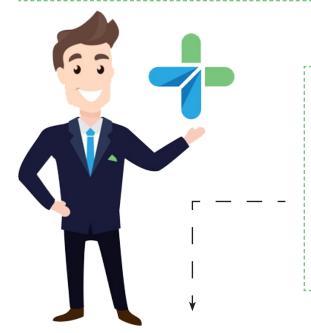
- Deep research for problem solutions
- Mark project goals & investigate the market
- Search for developers

## 2018

### Q3

- + Launch CURES Website alpha
- + Search for Partners and Advisors





### Q4

- Launch CURES Website full version
- Whitepaper release
- Launch HAPP store alpha version with our own in-house developed HAPPs
- + Launch private token sale
- Launch token pre-sale



### 2019

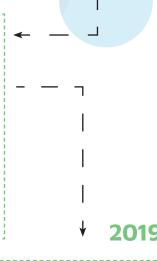
### Q1

- Launch main token sale
- Distribute the tokens
- Launch the marketplace and trust review platform with a minimum of 100 approved medical service providers globally – alpha
- Launch HAPP store beta version and ongoing recruitment of developers and new applications
- Launch the EHR (Electronic Health Records) –
   alpha version (medical data storing and encryption function)

## 2019

### Q2

- Launch the trading platform with a minimum of 100 approved medical equipment suppliers globally – alpha
- \* Launch the EHR (Electronic Health Records) beta version (full functionality including trading and monetizing)
- Ensure CURES is listed on at least 5 major exchanges



# г — -I

#### Q3

- Launch the beta version (full functionality) of the marketplace and trust review platform
- Launch the beta version (full functionality) of the trading platform

## 2019

#### Q4

\* Ongoing recruitment of medical service providers (MSP) and medical equipment suppliers (MES) for the applicable platforms, which now offer full business functionality





### 2020

### Q2

- + Launch the health assurance platform allowing medical futures trading
- alpha version

2020

## Q4

+ Launch the health assurance platform beta version (full functionality)

### 2020

### Q4

 Launch the health assurance platform beta version (full functionality)

## **2021 - onwards**

• Ongoing development of the available platforms, addition of new services (both free and payable), marketing and advertising, community building, recruitment of users and community members.

## . **↓**

2023 2028

+ Legal incorporation of the charitable trust fund and launch of project selection rounds – session 1  Charitable trust fund launch of project selection rounds - session 2



# 16. CURES Team & Advisors

# 16.1. Our Senior Advisors



Plamen Bonev



Prof. Aneliya Klisarova



Paul Baron, MBE



Stoyan Angelov



**David Richardson** 



**George Chisuse** 



**Barry Plechowicz** 

# 16.2. Our Top Team and Advisors



Stefan Krastev



**David Bonev** 



Vasil Alyoshin



**Aleksandar Aleksandrov** 



Liudmil Blagoev, MD



Mario Evlogiev, MD



Ivan Chorbadjakov



**Stoycho Stoychev** 



**Nedyalko Ruskov** 

# **+**CURES



Bojidar Ibrishimov



Alen Popovich



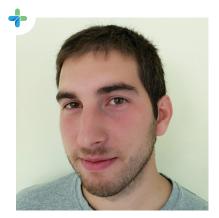
Plamen Sakaliyski



**Daniel Vasilev** 



Yasen Rachev



Angel Demirev



**Daniel Lazarov** 



Agnes Bak



# 17. Transparency, Regulatory, Disclaimers & Risk Factors

# 17.1. Regulatory and Compliance

CURESTOKENS ARE JUST UTILITY TOKENS WHICH CAN BE USED ONLY ON ANY CURES PLATFORM AND ARE NOT INTENDED TO BE USED AS AN INVESTMENT. CONTRARY TO ANYTHING, WHICH MAY BE CONSTRUED OTHERWISE, CONTAINED WITHIN THIS WHITE PAPER, THE CURESTOKEN ARE CREATED, DESIGNED AND CONTEMPLATED TO HAVE SOLELY AN INTERNAL, UTILITY USE FOR THE CREATION AND MAINTENANCE OF THE OF OUR EVOLUTIONARY AND DISRUPTING PROJECT AND ARE THE BACKBONE OF THE CURES PLATFORM (whereas the CURES platform shall be mean any online platform created and maintained by the Company and enables the use CUREStokens).

### Commitment to data protection

We at **CUREStoken** strongly believe that at the core of an effective healthcare industry is the relationship of trust between the patient and their physician. As we execute our vision and prepare our product for launch, we recognize that the trust of our users will be essential to the success of our business as well. A key component to this is our users' confidence that the information they provide us is stored safely and protected diligently.

This is why, from the outset of the work on **CUREStoken**, we have been fully committed to the highest standard of personal data protection. The General Data Protection Regulation (the "GDPR"), which took effect in May 2018, introduced a sweeping overhaul of data protection standards across the European Union, in recognition that threats to personal data have risen in lockstep with progress in technology. We view the GDPR as consistent with our values.



Therefore, as we work on making our vision a reality, we are putting in place the processes, the policies and the technological infrastructure that will ensure the highest level of data protection and full compliance with the requirements of the GDPR. We will also ensure that every member of the **CUREStoken** family shares our values and is well prepared, committed and capable of handling sensitive information in line with the requirements of the GDPR and the expectations of our users.

Our endeavours to safeguard the information, entrusted to us by our users, will also reflect in our relationship with third party contractors (including medical service providers). We will ensure that every contract, to which we are a party, contains provisions that reflect our commitment to data protection and clearly assign the appropriate data processing roles (for the purposes of the GDPR) to each party.

Finally, it is important to note that, in the course of business, **CUREStoken** may collect health-related personal data. We fully understand the sensitive nature of this information and will take the highest level of care in collecting, storing and processing it. Furthermore, for data of this nature, we intend to implement additional protections, so as to assure our users that we value their trust trust as a vital component of the success of our business.

Acquiring **CURESTokens** and storing them involves various risks, in particular the risk that The Company may not be able to launch its operations and develop its blockchain and provide the services promised. Therefore, and prior to acquiring **CURESTokens**, any user should carefully consider the risks, costs and benefits of acquiring **CURESTokens** in the context of the crowdsale and, if necessary, obtain any independent advice in this regard.

Any interested person who is not in the position to accept or to understand the risks associated with the activity (incl. the risks related to the non-development of the CURES platform) or any other risks as indicated in the Terms & Conditions of the crowdsale should not acquire **CURESTokens** tokens.

No regulatory authority has examined or approved any of the information set out in this White paper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The mere publication, distribution or dissemination of this White paper does not imply that the applicable laws, regulatory requirements, or rules have been complied.



## **Legal review**

From legal perspective the **CUREStoken** serves as mediums of exchange that store certain value. The CURES are not intended to constitute securities in any jurisdiction, as they do not incorporate any rights and/or obligations for their holders against Vision Technology or any third party.

Functionally, the **CUREStoken** are utility tokens that can be transferred between users, and in addition to acting as mediums of exchange with certain value, CURES provide access to using services in the **CUREStoken** paltform. Token holders shall not be entitled to any utility functionality as part of the token.

**CUREStokens** do not represent any form of financial instrument under the Markets In Financial Instruments Directive ('MiFID II). The CURES cannot be considered to be transferable securities, since they do not represent shares or other security equivalent to share that would grant their holders rights to dividends, voting rights or profit-sharing in Vision Technology OOD or other legal entity operating within the **CUREStoken** platform. The CURES are also not a depository receipt in respect of shares; nor do they represent bonds or other forms of securitized debt; nor a contract that can be physically settled with the delivery of an underlying asset (derivatives). Thus they fall outside the scope of the definition of "security" under MiFID II and the corresponding national law of the Republic of Bulgaria.

**CUREStokens** do not fall in the category of money market instruments as they do not represent securitised debt that their holder might receive on the maturity date.

**CUREStokens** are not shares in collective investment undertakings (UCITS or AIF), since the ITO does not possess two of the three criteria that should be present cumulatively ("general commercial or industrial purpose" and "view to generating a pooled return") in order to define a collective investment undertaking.

Accordingly, Vision Technology does not represent an investment firm under MiFID II, management company or collective investment undertaking under the UCITS Directive, neither is the company a manager of alternative investment fund under the AIFM Directive. The ITO itself does not constitute any form of regulated investment activity such as



placing, dealing in or advising on financial instruments or managing or marketing collective investment schemes under MiFID II, UCITS Directive, AIFM Directive, or the Prospectus Directive.

Furthermore, **CUREStokens** do not represent funds as defined in the Payment Services Directive 2, thus the ITO cannot be considered as provision of payment services that would fall within the scope of PSD2.

**CUREStokens** are not electronic money under the Electronic Money Directive as they can be used as medium of exchange only within the **CUREStoken** platform and do not represent pre-paid stored value issued in exchange for funds that is accepted as a widespread mean of payment by any legal or natural person.

Since the cryptocurrencies are not recognized on national or European level as actual currencies (i.e. money issued by a national bank of a state), the requirements for legal entities operating as currency exchange do not apply for the **CURESToken** platform.

**CUREStoken** do not represent insurance contract, as they are used only as means of payment in the contractual relations entered directly between the platform user and the provider of the corresponding service/goods (MSP, MES). Therefore the **CUREStoken** platform is not considered any form of investment or insurance fund, as there is no joint venture for realization of profit or for sharing risk among users.

It should be pointed out however, that the above statements represent no legal opinion, but our personal understanding of the legal nature of the **CUREStokens**, hence may not be relied upon as any kind of advice, as they intend merely to provide you with some background on the nature of the tokens and the current status of EU legislation. The opinions reflected herein may change without notice (for example in case of regulatory changes) and the opinions expressed herein do not necessarily correspond to the opinions of the public authorities of Bulgaria or other jurisdictions where the tokens might be offered.

With regard to the above **CUREStoken** have not been registered under the securities laws of any country, including the securities laws of the Republic of Bulgaria or any other jurisdiction in which a potential token holder is a resident. The activities of the **CUREStoken** 



platform are not regulated by any public authority of the Republic of Bulgaria or any other jurisdiction in which a potential token holder is a resident. The activities of the **CURESto-ken** platform are not regulated by any public authority of the Republic of Bulgaria or any other jurisdiction in which a potential token holder is a resident. No regulatory authority has reviewed, examined or approved of any of the information set out in this Whitepaper. No such action has been or will be taken in any jurisdiction.

### ANTI-MONEY LAUNDERING POLICY

The **CUREStoken** Anti-Money Laundering Policy ("AML Policy") is designated to prevent and mitigate possible risks of **CUREStoken** being involved in any kind of illegal activity. It's developed in relation to an Initial Token Offering ("ITO") consisting in utility tokens sale.

The sale of **CUREStoken** will be conducted through the Company, which is incorporated and operating under the laws of the Republic of Bulgaria.

The purpose of this AML Policy is to inform the general public of the nature, scope and purpose of the data we collect, use and process, as well as to describe the Know Your Customer ("KYC") process.

This AML Policy is designed in accordance to EU law, in particular the Fourth Anti-Money Laundering Directive, and the national law of the Republic of Bulgaria. Even though, the activities of companies selling blockchain based tokens do not currently fall within the scope of the Bulgarian AML or counter-terrorism financing legislation, principally the Anti-Money Laundering Act and Measures against the Financing of Terrorism Act, we have elected to implement systems and procedures that meet the requirements of both the Bulgarian and EU legislation. This decision reflects our firm intent to ensure that the **CUREStoken** Platform and the ITO are not used to facilitate money laundering and that no funds from illicit activity are contributed to the project. Moreover, obligations to have AML policies and procedures by law might arise in the near future once the Fifth Anti-Money Laundering Directive and/or other international law is incorporated into Bulgarian law. In order to achieve the above stated goals and to protect both other token holders and the



project itself, we aim to ensure that the sources of all proceeds raised during the ITO are legitimate, as no funds can derive from illicit sources, people under sanctions, or organizations with terroristic links. For this purpose Vision Technology or third party - KYC provider, conduct all necessary checks.

The KYC process includes verifying the buyer's identity by collecting personal data such as: name, date of birth, nationality, scanned identity card and selfie for verification purposes. For users acting on behalf of legal entities (ex.g. medical service providers, medical equipment providers) information identifying the entity may be required (such as certificate of incorporation, legal representatives, resolution of the competent body), as well as information on the beneficial owner. Please note that we might be seeking to enhance our ability to detect suspicious transactions and activities in the future.

### Based on the collected information 3 categories of users can be identified, as follows:

Anonymous users cannot participate in the ICO.

Semi-verified (registered) users can buy:

- up to 5000 CUREStokens a day
- up to 35000 CUREStokens a week
- up to 150 000 CUREStokens a month

Full-verified users (completed KYC) are allowed to buy unlimited amounts.

It should be noted that there are also restricted persons, both individuals and legal entities, who are citizens of or incorporated under the law of certain jurisdictions, which cannot be users of the **CUREStoken** platform at all. Such restricted persons might be any company, partnership, trust, corporation, entity, government, state or agency of a state or any other incorporated or unincorporated body or association, association or partnership (whether or not having separate legal personality) that is established and/or lawfully existing under the laws of the restricted jurisdiction.



Certain trades might also require confirmation as to source of funds (explanation from the user, documentary evidence for income/savings/liquidation of an asset) before they can be made. **These are:** 

- any trade from a user who is a politically exposed person (PEP) as defined in the Fourth AML Directive;
- any trade from a non-PEP user with a fiat value in excess of EUR 15,000;
- any trade from a non-PEP user which would result in that user having traded cryptocurrency with a fiat value of more than EUR 15,000 within the **CUREStoken** platform in the previous 12 months;
- any suspicion of illicit activity being performed.

For high value transactions, Vision Technology also reserves the right to verify that the cryptocurrency wallet from which a client is sending cryptocurrency or to which CUREStoken should be send belongs to that client. This will typically consist of a small pilot transfer of cryptocurrency to the client wallet which the client will transfer back to evidence of client wallet control.

The Comapny will retain copies of all documentation obtained from a user during the KYC process, as well as records of all trades and their position on the relevant blockchain. Documentation will be retained for at least 5 years, in the case of trades, from the date of the trade, and in the case of user documentation, following the last trade which the customer has user within the **CUREStoken** platform.

Next to the KYC process, Vision Technology will be reviewing strictly on an ongoing basis the transactions, the users and their accounts for any kind of suspicious activity during the token sale process. Suspicious activity alerts will be generated if some of the restrictions listed in this AML Policy are being circumvented or attempts are made to be circumvented.



Suspicious activities shall constitute any behavior that violates any legal agreement with the community or causes damage or loss to a member or members of the community with a deliberate action. Such behavior could be, but is not limited to, violation of the terms and conditions, disclaimers, deliberately trying to circumvent this AML Policy and limits, exploiting security bridges to steal other user's tokens, etc.

Suspicious behavior could be detected via tools and analytics software, reported by other users or observed post factum after damage has been done.

In case of suspicious activities users' funds might be frozen, as follows:

### Funds of anonymous and semi-verified users may be frozen if:

- A) there is doubt of suspicious activity;
- **B)** there is a suspicion that multiple anonymous users accounts are owned by the same person;
- **C)** the settled thresholds for transactions amount and/or number of transactions are breached.

Funds of fully-verified users may be frozen only if there is evidence of suspicious activity that point to those users (transaction logs, etc.).

**In case A)** funds of anonymous and semi-verified users will be frozen until they become fully-verified users. If at that point there is evidence of suspicious activity performed by these users (transaction logs, etc.), their account will remain frozen even after the full verification.

**In case B)** all suspected accounts will be frozen until their owners pass full KYC identity checks. Since one user can participate in the platform with only one physical wallet, if those accounts are owned by the same person the full KYC identity checks will enable only one of the accounts.



**In case C)** the user's account shall be frozen until the relevant identity check for semi-verified or fully-verified account is passed in accordance with the threshold of transactions described above.

Furthermore, in case of identification of suspicious behavior in the ecosystem as described above in this AML Policy, not only will the funds of the suspicious users be frozen, but Vision Technology reserves the right to decide on banning the user from the platform. In case of a ban all the user's funds shall remain frozen and could not be unfrozen.

Regulatory authorities are carefully scrutinizing businesses and operations associated to crypto currencies and tokens sales in the European Union and worldwide. In that respect, Vision Technology undertakes to provide law enforcement with any information and/or documents required under the applicable laws and regulations and to cooperate fully with the competent authorities in case of suspicions activities within the **CUREStoken** platform and ongoing investigations.

Furthermore, regulatory measures, investigations or actions may impact the **CUREStoken** Project and even limit or prevent it from developing its operations in the future. Any person or legal entity undertaking to acquire **CUREStokens** must be aware that the **CUREStoken** business model and/or the AML Policy may change significantly or need to be modified because of new regulatory or compliance requirements from applicable laws in any jurisdiction where the platform is available. In such a case, purchasers, users and anyone undertaking to acquire **CUREStokens** acknowledge and understand that neither Vision Technology nor any of its affiliates shall be held liable for any direct or indirect loss or damage caused by such changes.



# 17.2. Transparency and Accountability

Based on the above regulatory regimes, which we will strictly monitor, when applicable and on based on the detailed information set in the White Paper we deem our project and all underlying processes to have sufficient controls to be considered as transparent and accountable. You may follow an independent transpersory and accountability check advisers, monitoring our ICO, here.

## 17.3. Risk Factors

All statements contained in this Whitepaper, statements made in press releases or in any place accessible by the public and oral statements that may be made by **CUREStoken** or its respective directors, executive officers or employees acting on behalf of **CUREStoken** (as the case may be), that are not statements of historical fact, constitute "forwardlooking statements". Some of these statements can be identified by forward-looking terms such as "aim", "target", "anticipate", "believe", "could", "estimate", "expect", "if", "intend", "may", "plan", "possible", "probable", "project", "should", "would", "will" or other similar terms. However, these terms are not the exclusive means of identifying forward-looking statements. All statements regarding **CUREStoken**'s financial position, business strategies, plans and prospects and the future prospects of the industry which **CUREStoken** is in are forward-looking statements.

These forward-looking statements, including but not limited to statements as to **CURESto-ken's** revenue and profitability, prospects, future plans, other expected industry trends and other matters discussed in this Whitepaper regarding **CUREStoken** are matters that are not historic facts, but only predictions. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual future results, performance or achievements of **CUREStoken** to be materially different from any future results, performance or achievements expected, expressed or implied by such forward-looking statements.



### These factors include, amongst others:

- (a) changes in political, social, economic and stock or cryptocurrency market conditions, and the regulatory environment in the countries in which CUREStoken conducts its respective businesses and operations;
- **(b)** the risk that CUREStoken may be unable to execute or implement their respective business strategies and future plans;
- (c) changes in interest rates and exchange rates of fiat currencies and cryptocurrencies;
- (d) changes in the anticipated growth strategies and expected internal growth of CUREStoken;
- **(e)** changes in the availability and fees payable to CUREStoken in connection with their respective businesses and operations;
- **(f)** changes in the availability and salaries of employees who are required by CUREStoken to operate their respective businesses and operations;
- (g) changes in preferences of customers of CUREStoken;
- **(h)** changes in competitive conditions under which CUREStoken operate, and the ability of CUREStoken to compete under such conditions;
- (i) changes in the future capital needs of CUREStoken and the availability of financing and capital to fund such needs;
- (j) war or acts of international or domestic terrorism;
- **(k)** occurrences of catastrophic events, natural disasters and acts of God that affect the businesses and/or operations of CUREStoken;



(I) other factors beyond the control of CUREStoken; and

(m) any risk and uncertainties associated with CUREStoken and their businesses and operations, and the CURES tokens

All forward-looking statements made by or attributable to **CUREStoken** or persons acting on behalf of **CUREStoken** are expressly qualified in their entirety by such factors. Given that risks and uncertainties that may cause the actual future results, performance or achievements of **CUREStoken** to be materially different from that expected, expressed or implied by the forward-looking statements in this Whitepaper, undue reliance must not be placed on these statements. These forward-looking statements are applicable only as of the date of this Whitepaper.

Neither **CUREStoken**, nor any other person represents, warrants and/or undertakes that the actual future results, performance or achievements of **CUREStoken** will be as discussed in those forward-looking statements. The actual results, performance or achievements of **CUREStoken** may differ materially from those anticipated in these forwardlooking statements.

Nothing contained in this Whitepaper is or may be relied upon as a promise, representation or undertaking as to the future performance or policies of **CUREStoken**.

Further, **CUREStoken** disclaim any responsibility to update any of those forwardlooking statements or publicly announce any revisions to those forward-looking statements to reflect future developments, events or circumstances, even if new information becomes available or other events occur in the future.

The Company carries no liability for the ability to take part in the proposed Private Sale, Presale and Public Sale (Initial Token Offer or ITO) for reasons beyond the control of **CUREStoken**. All of the information provided within this White Paper is provided "AS-IS" and with no warranties. No express or implied warranties of any type, including implied warranties of merchantability or fitness for a particular purpose, are made with respect to the information, or any use of the information, on this site or platform.



**CUREStoken** makes no representations and extends no warranties of any type as to the accuracy or completeness of any information or content in this White Paper or regarding this platform. This English language White Paper is the primary official source of information about the **CUREStoken**. The information contained herein may from time to time be translated into other languages or used in the course of written or verbal communications with existing and prospective customers, partners, etc. In the course of such translation or communication, some of the information contained herein may be lost, corrupted, or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English language White Paper, the provisions of this English language original document shall prevail.

Authorities may deem a project on our platform illegal and hold us responsible. If a project on our platform seems legally questionable, we will seek legal counsel before approving a project. Initially, until we grow an expert community panel, each project will be monitored.

**Failure or problems with the Ethereum network.** Our **CURESToken** is a part of the Ethereum network. If problems related to the Ethereum network's normal functionality arise, this may affect our **CURESToken** functionality and adversely affect our business operations and **CURESToken** value.

## Please note that:

- The CURESToken may not be easily convertible in the event no exchanges list our token;
- The cryptocurrencies have been extremely volatile on recent years, including due to fraudulent actions;
- The CURESToken may lose it's value completely, due to reasons, which we have not been able to forseen or explained herein;
- Due to the nature of our enterprise within this project, a counterparty risk may interfere with our financial flows.
- Bitcoin or Ethereum blockchain may not include the Buyer's transaction at the time Buyer expects and Buyer may not receive the Tokens in this regard.



- Cybersecurity threats are ever-present, especially within the realm of digital currencies. There is a risk of loss of funds or even wipe-out should an unauthorized intrusion and theft of funds occur
- The tax characterization of the CUREStokens is uncertain, and each investor
  must seek its own tax advice in connection with the acquisition of CUREStokens.
  Each person acquiring CUREStokens should consult with and must rely upon
  the advice of its own professional tax advisors.

## Market-Related and Counterparty Risks

- **General Market Risks:** Several market-related risks must be evaluated when issuing blockchain-based products. Vision Technology may not successfully develop, market and launch the **CUREStoken** paltform, and, even if launched the **CUREStoken** platform may not be widely adopted and may have limited users and could be subject to significant competition. Besides the market liquidity, market size/cap and listings on crypto exchanges, the potential collusion of operators, market manipulation and challenges regarding market surveillance must also be addressed.
- Lack of Development of Market for CURES tokens. Since there has been no prior public trading market for the tokens, the ITO may not result in an active or liquid market for the CURES, and their price may be highly volatile. Even if the CURES are tradable in a secondary market, in practice, there may not be enough active buyers and sellers or the bid-ask spreads may be too wide. The token holders may not be able to exit their token holdings easily. In the worst-case scenario where no secondary market develops, a token holder may not be able to liquidate their token holdings at all.
- Changes in the Future Capital Needs. A lack of funding could impact the development of the CUREStoken platform and the uses or potential value of the CURES.
- **Too innovative technology.** Token generation and blockchain technology are new, untested technologies and constantly developing. The full functionality of the CUREStoken is not yet complete and no assurance can be provided of such completion. As technology matures, developments in cryptographic technologies and techniques or



changes in consensus protocol or algorithms could present risks to the CURES and the **CUREStoken** paltform, including the utility of the Token.

- **Risk of Value Decrease:** Market conversion rate may change significantly between the time of the user's instructions and the time of conversion. CUREStoken will fluctuate in value, and may be volatile, especially over short time horizons. There is no guarantee or representation of liquidity for the CUREStokens. Hence, there is a risk of untimely execution.
- Tokens are Non-Refundable. Company is not obliged to provide the CUREStoken holders with a refund related to the tokens for any reason, and the token holders will not receive money or other compensation in lieu of the refund. No promises of future performance or price are or will be made in respect to the Tokens, including no promise of inherent value, no promise of continuing payments, and no guarantee that the Tokens will hold any particular value. Therefore, the recovery of spent resources may be impossible or may be subject to foreign laws or regulations, which may not be the same as the private law of the Token holder
- Risk of an Unfavorable Fluctuation of Cryptocurrency Value. The proceeds of the sale of the tokens will be denominated in Ethereum, and may be converted into other cryptographic and fiat currencies. Therefore the price of the CURES is dependable on the price of another cryptocurrency and if that price fluctuates unfavorably during or after the token pre-sale or the token sale, Vision Technology may not be able to fund the development, or may not be able to maintain the CUREStoken platform in the initially intended manner.
- **Risk of force major.** It should always be considered the risk of occurence of catastrophic events, natural disasters and acts of God that affect the businesses or operations of **CUREStoken** and other factors beyond the control of Vision Technology, including mining attacks, attacks by hackers or other individuals that could result in theft or loss of proceeds of the **CURESToken** and/or impact the ability of Vision Technologyto develop the platform.



# 17.4. Legal disclaimer and jurisdiction

### **DISCLAIMERS**

**IMPORTANT:** This document will change through the course of the CUREStoken project and throughout the course of the platform development.

Before you decide to invest in a CUREStoken, please read carefully the White Paper and any accompanying documents. If you are in any doubt, please consult with your own advisors. An investment in CUREStoken is speculative and involves risks, which you should understand prior to making an investment.

The purpose of this White Paper is to present the CUREStoken project and the CURES token to potential token holders in connection with the proposed Private Sale, Presale and Public Sale (Initial Token Offer or ITO).

The information contained in this publication is derived from data obtained from sources believed by the Company to be reliable and is given in good faith, but no warranties or guarantees, representations are made with regard to the accuracy, completeness or suitability of the information presented. It should not be relied upon, and shall not confer rights or remedies upon, you or any of your employees, creditors, holders of securities or other equity holders or any other person. Any opinions expressed reflect the current judgment of the authors of this paper and do not necessarily represent the opinion of the Company. Throughout this White paper CUREStoken and CURES are used as interchangeable terms.

The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential token holders in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring CURES Tokens. Nothing in this White Paper shall be deemed to constitute a prospectus of any sort or a solicitation for investment, nor does it in any way pertain to an offering or a solicitation of an offer to buy any securities in any jurisdiction.

This document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction, which are designed to protect investors.



ANY REFERENCE TO "INVESTMENT" OR ANY SUGGESTION OF BENEFIT OR PROFIT, SHOULD BE CONSTRUED ONLY TO REFER TO THE INVESTMENT, BENEFIT AND PROFIT RELATED TO THE INTERNAL VALUE OF THE TOKENS WITHIN THE CURES ECOSYSTEM. THE COMPANY DOES NOT ENTITLES "INVESTORS" NOR ANY OTHER OF PARTICIPANTS WITHIN THE CURES PLATFORM TO A PORTION OF PROFIT OR REVENUES, A GUARANTEED ANNUITY, OR ANY OTHER ASSET, WHICH MAY BE CONSIDERED AS AN INVESTMENT IN THE BUSINESS IN EXCHANGE FOR AN ELECTRONIC REPRESENTATION OF EQUITY OR STOCKS.

ALL MATERIALS RELATED TO THE CURES PROJECT (THE "MATERIALS") ARE NOT INTEND-ED TO BE AN OFFER TO SELL, OR A SOLICITATION OF ANY OFFER TO BUY, ANY SECU-RITY OR OTHER FINANCIAL INSTRUMENT OR TO INVEST IN THE CURESTOKEN AND ARE FOR INFORMATIONAL, ILLUSTRATION AND DISCUSSION PURPOSES ONLY. THESE MATE-RIALS ARE AS OF SEPTEMBER 19, 2018, MAY NOT BE COMPLETE OR FINAL, MAY BE ESTIMATED, ARE SUBJECT TO CHANGE AND DO NOT CONTAIN ALL MATERIAL INFORMA-TION REGARDING AN INVESTMENT, INCLUDING SPECIFIC INFORMATION RELATING TO AN INVESTMENT'S RISKS. THE OFFERING OF THE CURESTOKEN HAS NOT BEEN REGIS-TERED, QUALIFIED, OR APPROVED UNDER ANY SECURITIES, FUTURES, FINANCIAL IN-STRUMENTS, CAPITAL MARKETS, OR EXCHANGE CONTROL LEGISLATION, REGULATION, OR ORDINANCE OF ANY JURISDICTION. IN ALL JURISDICTIONS, THE OFFER TO SELL AND SOLICITATION TO BUY A CURESTOKEN IS DIRECTED SOLELY TO QUALIFIED INSTITUTION-AL INVESTORS, QUALIFIED PROFESSIONAL INVESTORS, AND THOSE OTHER SOPHISTI-CATED PERSONS TO WHOM OFFERS AND SOLICITATION MAY BE MADE WITHOUT ANY LICENSING, REGISTRATION, QUALIFICATION, OR APPROVAL UNDER APPLICABLE LAW (COLLECTIVELY, "QUALIFIED PERSONS"). THESE MATERIALS DO NOT CONSTITUTE AN OFFER, DISTRIBUTION, SOLICITATION, OR MARKETING TO ANY NONQUALIFIED PERSON, AND IS NOT AN OFFERING TO THE RETAIL PUBLIC IN ANY JURISDICTION WHERE SUCH OFFERING IS UNLAWFUL. YOU SHOULD DISREGARD THIS INFORMATION SHEET IF YOU ARE A NON-QUALIFIED PERSON. BEFORE YOU DECIDE TO INVEST IN A CURESTOKEN, YOU SHOULD CAREFULLY READ CURES'S DOCUMENTS AND CONSULT WITH YOUR OWN ADVISORS. BUYING CURES TOKEN INVOLVES RISKS, WHICH YOU SHOULD UNDERSTAND PRIOR TO MAKING AN INVESTMENT. A CURESTOKEN WILL FLUCTUATE IN VALUE, AND MAY BE VOLATILE, ESPECIALLY OVER SHORT TIME HORIZONS. OPINIONS, ASSUMPTIONS, ASSESSMENTS, STATEMENTS OR THE LIKE REGARDING FUTURE EVENTS OR WHICH ARE FORWARD-LOOKING, CONSTITUTE ONLY SUBJECTIVE VIEWS, BELIEFS, OUTLOOKS,



ESTIMATIONS OR INTENTIONS OF CURES, SHOULD NOT BE RELIED ON, ARE SUBJECT TO CHANGE DUE TO A VARIETY OF FACTORS, INCLUDING FLUCTUATING MARKET CONDITIONS AND ECONOMIC FACTORS, AND INVOLVE INHERENT RISKS AND UNCERTAINTIES, BOTH GENERAL AND SPECIFIC, MANY OF WHICH CANNOT BE PREDICTED OR QUANTIFIED AND ARE BEYOND THE CONTROL OF CURES. CURES DOES NOT MAKE ANY REPRESENTATION OR WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED IN THESE MATERIALS. THE COMPANY HAS NO OBLIGATION TO UPDATE OR KEEP CURRENT ANY INFORMATION OR PROJECTIONS CONTAINED IN THESE MATERIALS; TOKEN HOLDERS WILL NOT HAVE VOTING RIGHTS OR ABILITY TO INFLUENCE CURES'S DECISIONS; THE COMPANY MAY BE FORCED TO CEASE OPERATIONS; PRICES OF BLOCKCHAIN ASSETS ARE EXTREMELY VOLATILE AND FLUCTUATIONS IN THE PRICE OF DIGITAL ASSETS COULD MATERIALLY AND ADVERSELY AFFECT CURES'S BUSINESS.

United States citizens and/or residents are prohibited from participating in the coin sale unless they are accredited investor.

The CURES token has not been registered under the Securities Act, the securities laws of any state of the United States or the securities laws of any other country, including the securities laws of any jurisdiction in which a potential token holder is a resident. CURES token cannot be used for any purposes other than as provided in this White Paper, including but not limited to, any investment, speculative or other financial purposes. CURES Token confers no other rights in any form, including but not limited to any ownership, distribution (including, but not limited to, profit), redemption, liquidation, property (including all forms of intellectual property), or other financial or legal rights, other than those specifically set forth in the White Paper. Certain statements, estimates and financial information contained herein constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements.

Tokens distributed during the Sale Period will constitute 35% of the total number of Tokens generated, and additional 5 % will be distributed amongst early backers and supporters. 10% of tokens will be available for retail sale following the ITO. 50 % of Tokens will be allocated among the team, the community, the future development of CUREStoken, and the charitable trust fund. These 50 % will be time-locked into vested smart contracts



(token vesting contracts) with varying release dates as described in this White paper.

Due to the fact that our products are offered on the internet (meaning both the World Wide Web and the Ethereum Blockchain) we understand that there is a possibility that there might be a certain "flow back" of the Company's products into the countries where Token sales are regulated by government or special legal requirements exist or Token sales are illegal. If you are not sure whether it is legal for you to by tokens, please seek advice from your lawyers on the matter.

Please see also our Token Sale Agreement for a complete list of disclosures.

Recently the U.S Securities and Exchange Commission have issued a number of findings and advisories about participating in Initial Coin Offerings. We believe it is important to address the concerns raised by the SEC and other international securities regulatory bodies and how the CUREStoken Token Sale will operate and focus on the application of Blockchain technology with the use of a digital token as means to facilitating our goals of technology development and deployment. We are of the opinion that the offering for the development of our technology is not subject to SEC guidelines.

The tokens have not been and will not be registered under the United States Securities Act of 1933, as amended (the "Securities Act"), and may not be offered or sold in the United States or to or for the benefit of US persons (as defined in Regulation S under the Securities Act) unless they are so registered, or an exemption from the registration requirements of the Securities Act is available.

The tokens offered for sale (CURES) are deemed to be a utility and will be used to purchase future services and software.

One such exemption allows the resale of tokens purchased for their own account and for investment purposes only by users who

- (I) are not otherwise affiliated with the CUREStoken,
- (II) have been exposed for some time to the economic risks that ownership of tokens entails, and



(III) are not part of the distribution of the tokens. Purchase of tokens does not mean you are vested with any rights for acquiring of securities under USA jurisdiction or other jurisdictions where it is not provided by applicable legislation.

Ownership of tokens serves only as the mean to enable usage and interaction with the platforms and facilities of CUREStoken if successfully completed and deployed and right to purchase software and services from the CUREStoken Marketplace, Trading platform, Health Assurance, HAPP store and Medical Records service. It implies that you (a legal or natural person) participate in crowdfunding process as contemplated by the Whitepaper. You are purchasing Tokens solely for the purpose of accessing and the use of the platforms and facilities of CUREStoken, and supporting the development, testing, deployment and operation of the platforms and facilities of CUREStoken, being aware of the commercial risks associated with CUREStoken and the platforms and facilities of CUREStoken.

CUREStoken is not liable for not strict following of the Project Roadmap. Project Roadmap is the best guess, but it may change. The Project Governance will review and adjust the roadmap every 8 weeks to make it relevant.

## Notice on jurisdictions

Most of jurisdictions have not decided yet on their stance concerning cryptocurrency legality and its usage. Project incorporation in such jurisdictions with no clear position on token sales entails considerable financial risks and risk of criminal liability. Almost in all jurisdictions cryptocurrency transactions are controlled by national and international laws on combating money-laundering and the financing of terrorism. Due to this, cryptocurrency platforms are obliged to identify their clients and track dubious transactions subject to governing law.

Getting your head around cryptocurrencies was hard enough before governments got involved. But now that policy makers around the world are drawing up fresh regulations on everything from exchanges to initial coin offerings, keeping track of what's legal has become guite daunting.

The EU itself is currently discussing the adoption of a common directive and form of regulation on the matters surrounding virtual currencies and tokens, with the general expectation being that we will see something solid by the end of 2018.



With all the above in mind the team behind CUREStoken is of the opinion that incorporating under a jurisdiction which has already adopted appropriate legislation concerning cryptocurrency, digital assets and virtual tokens will provide us with the dual benefit of

- **A)** Operating under clear legal guidelines and procedures as opposed to doing so in a completely grey area.
- **B)** Providing our token users with the best legal support and protection, as well as clarity on their position, rights and obligations.

The CUREStoken team and advisors are based globally and come from countries such as Bulgaria, the United Kingdom, Switzerland, and several others, allowing for a global outlook and assessment of the pro's and con's of different jurisdictions.

In conclusion and in order to maximize the benefits offered under different jurisdictions in terms of legal framework, business aspects and costs, as well as security we have taken the strategic decision to operate via two jurisdictions as follows:

- 1. Bulgaria, which is not only a EU member, but offers a thriving start-up scene, talented and tech-savvy workforce which has already attracted major hi-tech players to set up their hubs and outsourced centers, attractive 10% tax rate and a cost-effective environment for running a digital business, so it makes sense to use this location as an operational centre. In addition part of the core team have already a strong base and well established infrastructure in Bulgaria, with the original Vision software for the colour blind first launched in BG before making its way to the broader world and 300 million potential users.
- **2.** The second jurisdiction will be used solely for the purposes of the Initial Token Offer / Token Sale and the distribution of tokens, bearing in mind their legislation and the protection of token users it will be provide. As indicated above the development of crypto-legislation is currently a very dynamic matter and our team is closely watching the developments in Switzerland, Malta, Singapore, Gibraltar and the European Union in general. The exact choice will be made public as soon as possible.

CUREStoken will fluctuate in value, and may be volatile, especially over short time horizons.



Opinions, assumptions, assessments, statements or the like regarding future events or which are forward-looking, constitute only subjective views, beliefs, outlooks, estimations or intentions of CURES, should not be relied on, are subject to change due to a variety of factors, including fluctuating market conditions and economic factors, and involve inherent risks and uncertainties, both general and specific, many of which cannot be predicted or quantified and are beyond the control of CUREStoken.

The acquisition of CURES should not be construed, interpreted, classified or treated as enabling, or according any opportunity to, purchasers to participate in or receive profits, income, or other payments or returns arising from or in connection with the CUREStoken platform, the tokens, or products, or to receive sums paid out of such profits, income, or other payments or returns.

Acquiring CUREStokens shall not grant any right or influence over Vision Technology's organization and governance to the buyers.

Vision Technology shall not be responsible for any loss of tokens or situations making it impossible to access the token and/or the services built as part of the CUREStoken Project, which may result from any actions or omissions of the user or any person undertaking to acquire CUREStokens, as well as in case of a hacker attack.

Every buyer of CUREStokens should look for proper advice in order to understand whether the purchase of the token is appropriate for them or not. The buyer of CUREStokens undertakes that they understand and has significant experience in crypto currencies, blockchain systems and services, and that they fully understand the risks associated with the ITO as well as the mechanism related to the use of cryptocurrencies (incl. storage of such).

Any person or legal entity undertaking to acquire CUREStokens must be aware of Vision Technology's business model. Additionally, this white paper may change significantly or need to be modified because of new regulatory and compliance requirements from any applicable laws in any jurisdictions. In such a case, purchasers and anyone undertaking to acquire CUREStokens acknowledges and understands that neither Vision Technology nor any of its affiliates shall be held liable for any direct or indirect loss or damage caused by such changes. Furthermore anyone undertaking to acquire CURES acknowledges and understands that Vision Technology does not provide any guarantee that it will manage to achieve it. They acknowledge and understand therefore that Vision Technology (incl. its management bodies and employees) assumes no liability or responsibility for any failure or downfall that would result from or relate to the incapacity to use CUREStokens, except in case of intentional misconduct or gross negligence.

Please note that the above do not represent an exhaustive list of disclaimers, stated by the Company and specific disclaimers may have been incorporated within the relevant segments of the White Paper.



# 18. Conclusion

Cryptocurrencies are quickly being recognized for their vast potential outside of the financial industry, and their primary purpose is to bring increased utility to various business sectors. To-kens have already spread in the business world like wildfire, and the tokenized businesses are starting to prove that they are able to run leaner and meaner than the competition.

Distributed and decentralized ledgers, blockchain and cryptotokens will play an increasingly significant role in healthcare and bring beneficial disruption and new fruitful opportunities and effectiveness to every stakeholder in the ecosystem.

More and more awareness rises around how tokens are a better way of circulating value between businesses and their customers, and ensure that each gets a better deal than if they had transacted in cash. This is because a well-crafted token ecosystem can incentivize customers to interact with a business in whatever ways are most valuable to them besides the purely financial aspect.

With reference to the Financial Aspect, a very prudent approach has been adopted, resulting in accumulated cash fund by 2028 of approximately \$119,000,000, demonstrating not only the viability but also the sustainability of the project.

The CUREStoken ecosystem combines proven business concepts with revolutionary technology and innovative means of monetization for all stakeholders, by reducing costs, creating unique opportunities and improving quality and satisfaction.

In addition through the charitable trust fund the ecosystem reaches out to and benefits those outside of it, who are most needy and deprived of quality healthcare. As more and more business and private users adopt CUREStoken for use in various ways, the value of CUREStoken will rise, giving the ecosystem and community a greater benefit and impact.

This White Paper has been issued during the development of the CUREStoken Project for initial token offering and is subject to discretionary future version changes. Any part thereof and any copy thereof must not be taken or transmitted to any country where distribution or dissemination of token sales or initial coin offerings, like the one described in this white paper, is prohibited or restricted.

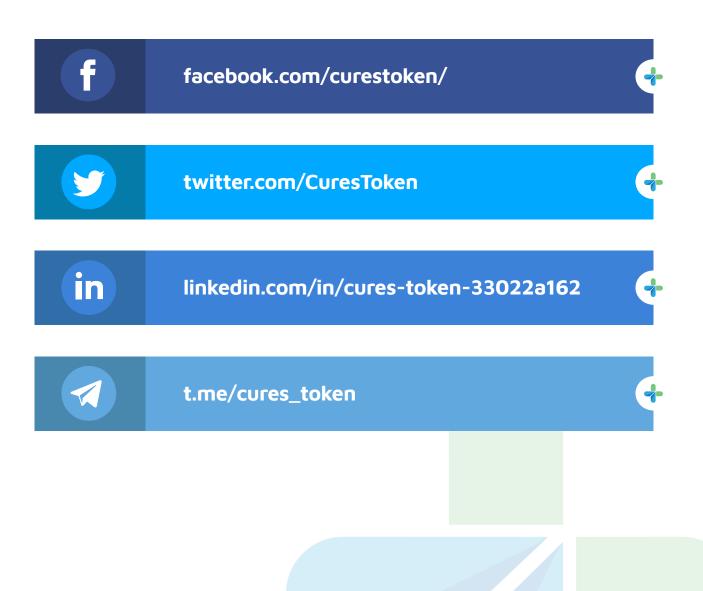


# 19. Contact

To contact CUREStoken visit our website: https://curestoken.com

or write to us via email: info@curestoken.com

Stay in the loop and follow CUREStoken on:





# 20. Glossary and explanation of important terms

### What is blockchain?

Blockchain - the technology behind digital currencies and tokens, blockchain's birth is traced to the pseudonymous, unidentified person (or group) known as Satoshi Nakamoto. Since 2009 blockchain has gained more widespread use in the finance industry, with a variety of new blockchain-enabled businesses and services entering the market. Blockchain's technology is used to share a ledger of transactions across a business network without control by any single entity. The distributed ledger makes it easier to create cost-efficient commercial relationships where virtually anything of value that can be tracked and traded without requiring a central point of control. The technology puts privacy and control of data in the hands of the individual. Trust and integrity is established without reliance on third-party intermediaries. <sup>21, 22 & 23</sup>

## What are smart contracts?

Smart contracts are self-executing contracts with the terms of the agreement between buyer and seller being directly written into lines of code. The code and the agreements contained therein exist across a distributed, decentralized blockchain network. Smart contracts permit trusted transactions and agreements to be carried out among disparate, anonymous parties without the need for a central authority, legal system, or external enforcement mechanism. They render transactions traceable, transparent, and irreversible.<sup>24-28</sup>

## What is an ITO/ICO?

An ITO stands for "Initial Token Offering". The first generation of digital assets were crypto-coins like Bitcoin, Litecoin etc. Coins have been used as a digital medium of doing transactions in an elegant encrypted way. The next generation of digital assets is the tokens, which cover a broader purpose of use and are mostly built on the Ethereum network, offering greater functionality. However, it's often hard to differentiate between the terms ITO and ICO as they are broadly used in an interchangeable manner<sup>29-33</sup>



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