

## White Paper about Vaccine Coin (VAX) token

MICROBOSS Hightech GmbH

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### Disclaimer

This ICO is aimed at experienced professionals who understand blockchain technology and cryptocurrency. Participating in an ICO is a high-risk activity. By participating, the purchaser is aware and accepts the security risks related to a token issue as well as the potential lack of economic results. The purchaser declares being aware of the legal uncertainty of this type of transaction and to have conducted his own legal guidance according to the applicable law to which he subscribes. Any buyer purchasing VAX token acknowledges the technological and economic uncertainty of the project presented in this White Paper. Therefore, purchasers are aware of the absence of any legal action against the company in case of failure, non-performance or non-implementation of the project, as well as in the case of the VAX token losing part or even the totality of its value. Purchase of the VAX token confers the ability to use the coming vaccine coin platform services. No other rights are transferred upon the ICO. The company's only obligation is to distribute the VAX token under the conditions defined in this White Paper. During the private sale, the Pre-ICO and the ICO, the company may not be held liable for any of the following: non-compliant use of the service with the applicable terms; Error, malfunction, malicious action or violation of the Whitepaper's terms by the users, a third party or any service controlled by third parties. All direct or indirect damage that may occur during the operation: Loss of cryptocurrency or any other type of financial losses. Loss of control, e.g., due to hacking or unwanted disclosure of critical information, technical failure or loss of credentials resulting to fraudulent use of the tokens. The temporary or permanent suspension of the service, e.g., due to a request from the public authorities, judicial authority or any other possible reason. Computer failure resulting in loss of data, including activity of users. Further, in general, any other cause that does not depend on the company: Internet network outage failures, natural disasters like earth quacks, floods etc, specific to the user's equipment and so on.

### Not a sale of security

This whitepaper does not constitute a prospectus or financial service offering document and is not an offer to sell or a solicitation of an offer to buy any security, investment products, regulated products or financial instruments in any jurisdiction. VAX tokens are not being structured or sold as securities in vaccine coin platform. Owners of VAX tokens are not entitled to any rights in vaccine coin platform or any of its affiliates, including any equity, shares, units, royalties to capital, profit, returns or income in vaccine coin platform or any other company or intellectual property associated with vaccine coin platform. Issuer of vaccine coin keeps the right to move the project to other areas or to other juristic identities.

Project:

Virology is an important part of medicine as the viruses are playing an important role to cause a number of diseases along with making the progressed diseases more complex through the secondary infections e.g., HIV patients through the secondary infections with fungal pathogens. Many viruses are self-limiting if one has the healthy immune system. But there are viruses like influenza, SARS etc., which are mutating in wild life and these mutated viruses start infecting other human beings and animals e.g., H5N1 is virus of ducks, which are normal host of this virus. If this virus spreads to poultry, it is going to cause outbreak of disease leading economic losses through reduction in the productivity and increase in the mortality of birds. It is not sufficient; it mutates in poultry and starts infecting human beings. This mutated H5N1 virus has the capacity to spread throughout the world very quick as it infects human being with droplet infections of coughing and sneezing along with other route of transmission. We have seen 2009 that a mutated virus H1N1 caused an outbreak and till today this virus is circulating throughout the world and it has replaced the seasonal H1N1 in human being as causative agent. The persons recovered from influenza infection have immunity to prevent the reinfection. Such immunity can be created through injection of protein, nucleic acid or virus (killed/live), which are known as vaccines. The vaccines are used throughout the world for last 100 years for many pathogens. We have also many successful stories with vaccines e.g., eradication of small pox. The number of rubella, measles and mumps infections are being strongly reduced through the vaccines. Polio vaccine is helping to reduce the cases throughout the world. Similar vaccine against rabies is only choice to avoid this fatal infection.

Still there are regular outbreaks of viral diseases like Ebola, Marburg and middle east respiratory virus. In 2020 is an outbreak through SARS CoV-2 throughout the world. The world is surprised through this virus, which is from Wuhan in China. This virus spread through droplet infection throughout the world very quickly. Most of recovered persons have long term immunity, but still mutated version is causing further infections. A number of vaccines have been developed and approved to be used to contain this viral infection. Millions of people are being vaccinated. Nobody knows exactly how many have long term immunity and where are the areas, where the vaccine is most effective and less effective? Who is getting the side effects and which vaccine has a person got? Such vital data is missing. When this vaccinated person needs to get repeated dose or these persons needs to be vaccinated against the other viral targets. How many vaccinated persons have latent infections or positive with PCR or immunological tests?

Tetnus and human hepatitis virus vaccinations are standard vaccines being used for last many years, but there is hardly any data available, how many are worldwide vaccinated? Do these vaccinated populations need repeated vaccine dose after a specific period? Measles vaccination is one of successful vaccinations in the past, but this virus is infecting many people again today as vaccination has been stopped or paused. We need to find out who is vaccinated against measles. The data may be missing particularly in developing countries as the documentation was done on paper, which may be lying in some place and may be destroyed through dust and insects.

Data about the above said is only partially stored through Govt in different locations and in many countries, such data is stored on paper, which is lying in dust and cannot be processed for further analysis at a later stage. Today 8.05.2021 German press is reporting that data of 7 million for coronavirus vaccines is not entered properly in database and vaccinated persons do not have any vaccine pass. A few days ago, German press was reporting that 50% of vaccinated persons have lost their paper pass.

Today SARS CoV-2 vaccination is not giving perfect immunity; hence many breakthrough infections are taking place around the world. We need to trace these breakthrough infections in order to control the outbreak and provide medical treatment, in case such infections become serious.

Many countries are allowing travelling under the condition that one is vaccinated. In many developing countries, there are different kinds of vaccinations being used. These vaccinations may be effective, but still they are not accepted from other countries. Therefore, there is a need to collect the data and analyze this on long term basis in order to provide the evidence that these vaccines are giving good protection.

This shows many times that essential data is missing, which is important for healthy global citizens as it can help to develop strategy to provide better vaccination coverage, development of new vaccines, finding the clusters of outbreaks or infections in vaccinated population, identifying non vaccinated population and areas of outbreaks. These are a few points, which need urgent attention. This problem of essential data can be solved through block chain technology as block chain technology offers us to store and find the data for long-term basis in accurate, reliable and decentralized manner. This data can be analyzed at any time. Therefore, we have decided to enter in this field using block chain technology for field of virology.

We have created a token on Binance smart chain called Vaccine coin (VAX). The purpose of the vaccine coin is fulfilling the following aims:

1. Development of website for registration of the data of vaccinated persons
2. Development of app for personal use of vaccinated person
3. Development of NFT website for long term documentation
4. Development of software tool for analysis of data
5. Application of artificial intelligence to analyze the data to improve the vaccine development, manufacturing and implementation
6. Development of solutions for vaccinated persons to sell their data to earn extra income
7. Development of cloud solution
8. Development of vaccine record as standard in medicine
9. Developments of ethics and standards for use of private health data for vaccinated

Vaccine coin is a utility token, which can be used to source the services about the vaccine offered here. The person can use this coin to register and use website and app. Similarly, these coins may be offered as rewards for people getting vaccinated and sharing their data. There is possibility to buy this coin during selling activities directly as well as from exchanges around the world, once it is listed there. Buying of VAX token is only possible with cryptocurrencies like Bitcoin, Ethereum, BNB, Dash, Zcash and other. Vaccine coin offers a decentralized block chain technology solution.

Today there are millions of persons, who are being vaccinated for coronaviruses, but to get vaccinated, in country like Germany, person has to fill around 8 documents before getting vaccinated. It means that they need around 30 minutes to fill the forms before vaccination, hence this type of work can be done in the app and during the process of vaccination, there is a need to examine the data, hence app can reduce the time needed for vaccination. Moreover, the appointments can be given through the app. This can reduce the burden on health system and make the process of vaccination efficient and fast.

More examples of applications of vaccine coin app for person use with vaccine for SARS CoV-2 as today millions are being vaccinated and some Govt are planning to use the app for these vaccines. Vaccine app is not limited to coronavirus vaccine as vaccine coin app will have data for other vaccines. Moreover, it has alarm function, when to get the next vaccine. Not only this, there will be

possibility to store the name of manufacturer, lot, expiry date of vaccine and person (physician), who has vaccinated. User can decide which vaccine it want to show during the control e.g., at present many Govt are going to give more freedom right to vaccinated persons. Vaccine coin can be used for this purpose. This app offers the possibility to store the data for many years and it offers also to use this data during the future treatment. It is well known that many people forget with the time for which pathogen they are vaccinated and at what age. One can read in German press today 08.05.21 that data for millions of coronaviruses vaccinated is not entered properly in database or 50% of vaccinated have lost their pass. This token will offer a solution here for long term. Let us take an example of HBV vaccine as this is used in many countries around the world, but we do not have accurate data, how many people around the world are vaccinated with this vaccine. Polio vaccine is being done in many countries around the world, there is no accurate data available, when this vaccine is done and where this is done? We do not have any records of small pox vaccinated persons. Many people are likely to forget particularly in old age, whether they were vaccinated at all in their life and which vaccines were? As software stores data about the vaccine, hence if the vaccine would have side effects even after 10 years, one can quick identify the population, which is going to get the side effects and preventive measurements can be brought into action. Solutions offered through vaccine coin can help insurance companies to save billions of dollars because they can have access to data along with Govt agencies as well as UNO organizations like WHO, UNICEF and other. In case of side effects or mutations, industry can develop the treatment and provide to vaccinated population, in case they develop the symptoms quickly and very targeted way. Side effects can be documented and correlated with other parameters e.g., age or genetic markers to develop better vaccines and therapies in future. This project is one of important task and application to provide everybody on this planet access to block chain technology to improve the health of global citizen and reduce the health costs on society.

Token specifications:

Name: Vaccine coin

Block Chain: Binance smart chain network

Total VAX Tokens: 100 000 000 000

Type: BEP20

Time line for first ICO:

Pre-Sale +++ 20 million Tokens 30.11.21

Airdrop ++++ 20 million Tokens

ICO +++ 30 million Tokens 31.03.22

Time plan for different applications:

Development of software for registration as website: 31.7.24

Development of the app: 31.10.24

Launch of public application: 31.12.24

Launch of artificial intelligence solution: 31.12.26

Launch of NTF applications: 31.08.26

(NFT applications for vaccine coin is very complex application, therefore it needs a longtime to be developed as this will be used to show that vaccine records as new application of NFT for virology)

More it may likely be done as this is very large project, which is likely to be completed in many steps in order to cover many more pathogens and many more countries. Moreover, it needs many more different languages to reach common world citizen. Therefore, there is a need of more financial resources, which can be met through different finance instruments like a new cryptocurrency selling activity

Team: The team for this project has a lot of experience in virology and biotechnology as they are working for development of vaccine, therapies and kits for virology for last 15 years in the company called Genekam Biotechnology AG. MICROBOSS Hightech GmbH is a spinoff of Genekam Biotechnology AG.

Issuer of ICO:

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