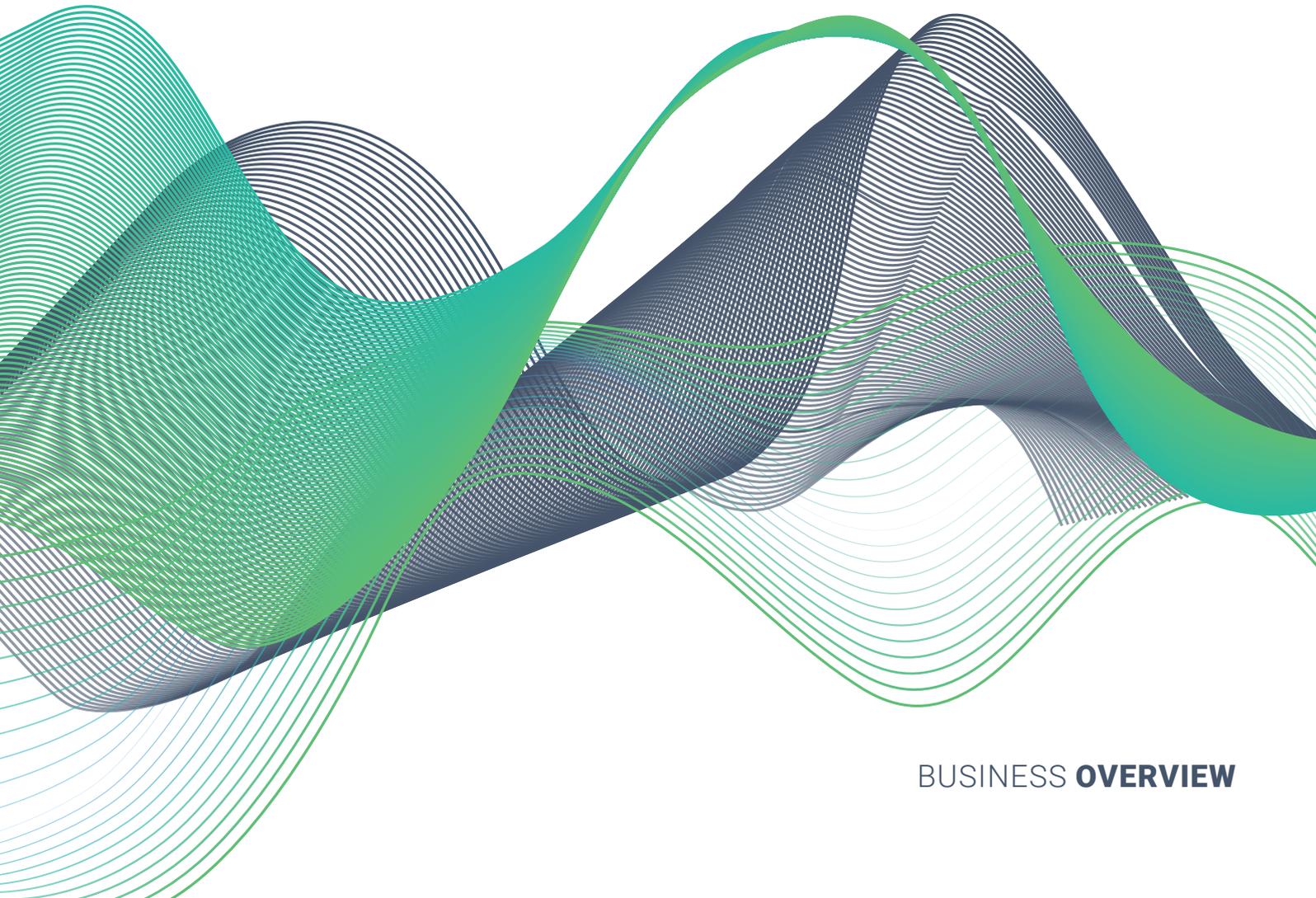


SYMBIOSES



BUSINESS **OVERVIEW**

SYMBIOSES BUSINESS OVERVIEW

1. Executive Summary

- A. Mission Statement
- B. The Problem
- C. The Solution
- D. Points of Differentiation of Symbioses
- E. Core Objectives
- F. Security of the Symbioses Ecosystem
- G. Market Size

2. ICO

- A. Pre ICO Information
- B. Crowd Sale Terms
- C. Post ICO

3. Symbioses Token

- A. Usage and Community
- B. Token Allocation
- C. Trade Volume

4. Business Model

5. Business Phases

- A. Phase 1: Mining
- B. Phase 2: SaaS & SYM apps
- C. Phase 3: Storage
- D. Phase 4: To be announced

6. Symbioses Marketing Plan

- A. Strategy
- B. Marketing roadmap
- C. Symbioses

7. Roadmap

8. Team

9. Advisors

10. ICO Partners

11. Legal & Structure

12. References

1. EXECUTIVE SUMMARY

A. MISSION STATEMENT

REVOLUTIONIZE THE INCORPORATION OF ADVANCED TECHNOLOGIES INTO A SIMPLE - TO - USE PLATFORM TO CONNECT, BENEFIT AND EMPOWER ANYONE WITH A SMART DEVICE.

We are focused on providing a simple-to-use application that can seamlessly employ and monetize the available resources of any device with a processor and an internet connection in a safe and secure environment. There are millions of underutilized devices that can offer their computing and storage resources to the network, and we have the technology to enable this connection.

Symbioses is unique because it targets not only the technically proficient, but also the general public: anyone that has a device and wants to profit from the non-utilized processing or storage capacity will be able to do so through Symbioses' application.

B. THE PROBLEM

Centralized cloud-based solutions are leveraging their dominate position to control greater amounts of computing capacity and storage with minimal price competition. The continuous digitization of businesses and our daily lives is creating greater demand for computing and storage capacity. Every day, we create 2.5 quintillion bytes of data [1]. 90 percent of the data in the world today has been created in the last two years alone. The introduction and proliferation of new technologies and devices will accelerate the data growth rate into the foreseeable future.



DUPLICATION
OF DATA
EVERY 3 DAYS

Computing and storage capacity has evolved from physical presence to centralized cloud-based solutions, which are dangerously dominated by four main providers. We believe the logical evolution will be to construct peer-to-peer decentralized networks to maximize underutilized resources. Peer-to-peer networks need to first address issues within the scalability of the blockchain to provide a competitive alternative. Current decentralized computing technologies heavily rely on Ethereum smart contracts to build a virtual Cloud infrastructure that provides computing services on demand, thus creating an open market of providers and requestors of computing power. Ethereum smart contracts allow programmers to write code that is executed on the blockchain virtual system.



MUCH MORE
COMPUTER
POWER NEEDED

Despite the many unique uses this technology can enable, blockchain technology offers very limited computing capacities to run decentralized applications: few kilobytes of storage, a very inefficient virtual system and a very high latency protocol. In the current form, smart contracts provide benefits to only the simplest applications.

The code included in a smart contract has to be executed on all the nodes of the network before being accepted, creating a serious latency to the dynamic market of on-demand computing services. Just imagine waiting several hours before a provider is found to run your urgent application of choice. Current decentralized computing approaches also share a common flaw: they consistently fail to bring the computing power and data closer together. It is well known that the data-transport latency is the Achilles' heel of distributed and high-performance applications [2]. Indeed, recent paradigms are based on services located closer to the end user to improve latency concerns and data access. That is, instead of storing information at sites far away from the end user, these paradigms ensure direct proximity of the data to the customer in order to support low-latency and scalability [3].



COMPUTER POWER
WILL BE A PRECIOUS
COMMODITY

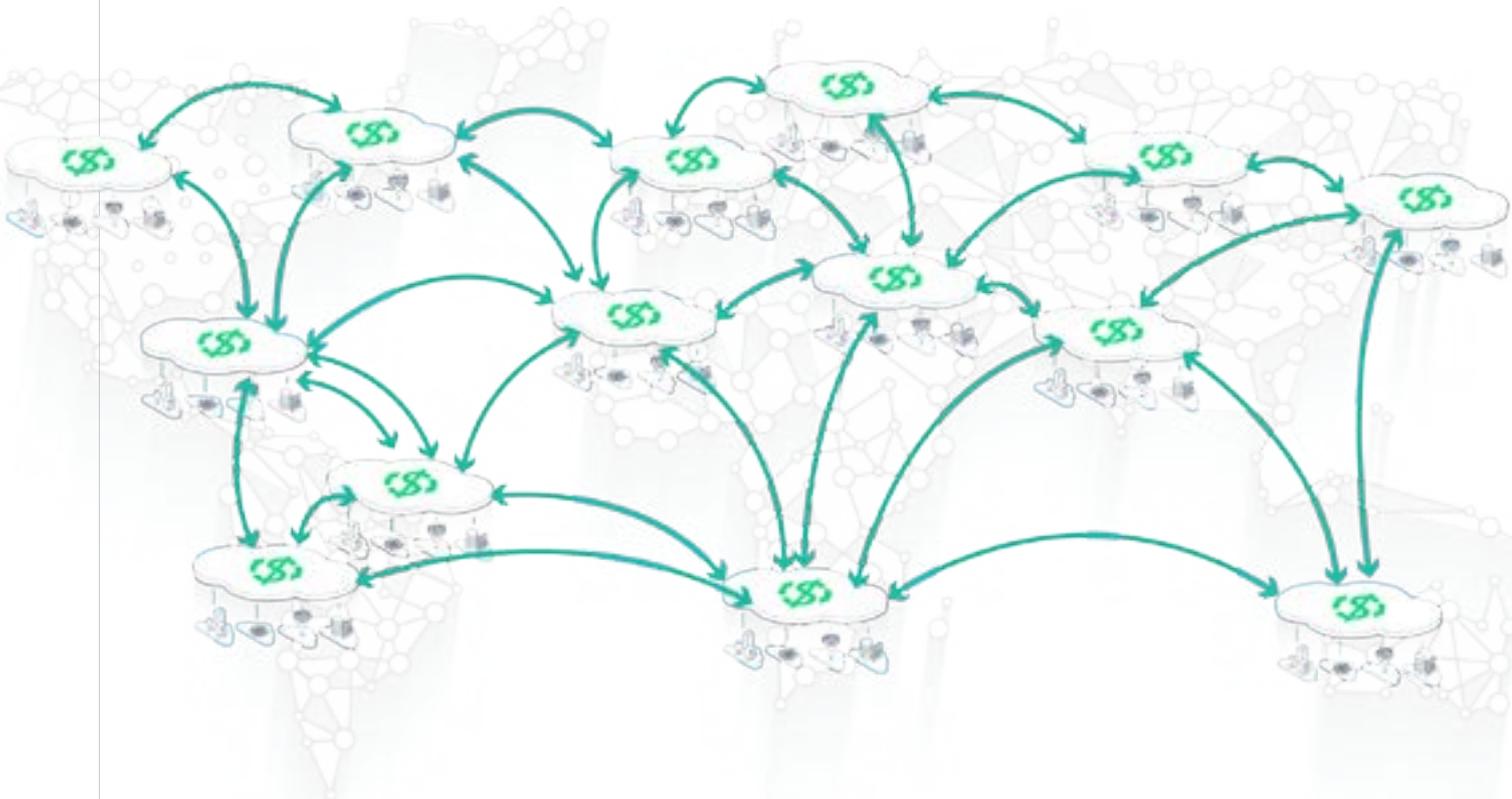
C. THE SOLUTION

Symbioses will be the largest peer-to-peer network to monetize computing and storage resources throughout the world, connecting non-interoperable networks utilizing its own protocol, and overcoming current scalability issues of blockchains to directly challenge the entrenched oligopoly dominating cloud computing and cloud storage.

Symbioses aims to deliver cutting-edge technology to the general public by bringing computing and storage capacity closer to the end user. By running server nodes strategically distributed around the globe, Symbioses can more efficiently match application needs with the computational capacity they require.

D. POINTS OF DIFFERENTIATION

- Decentralized computing software MVP successfully tested
- Seamless integration of various platforms
- Unites decentralized computing with decentralized storage
- Optimizes decentralized computing and storage within our network
- Ease of use targets the general public: a currently underserved market



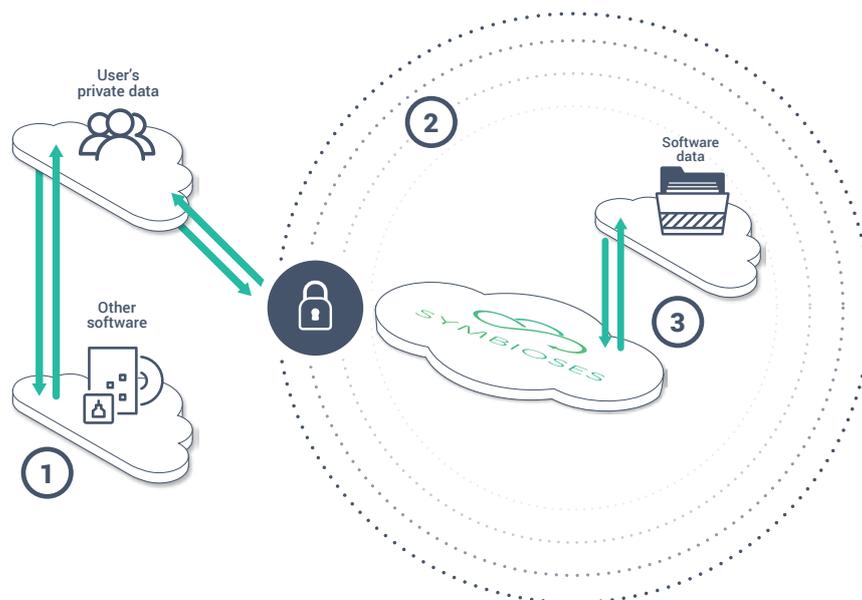
E. CORE OBJECTIVES

- Distribute Symbioses app among general public to enable shared resources
- Significant advertising launch to quickly penetrate the market
- Provide the general public the opportunity to profit from their non-utilized computing capacity and storage in a secure environment
 - Allow consumers access to scalability & flexibility via on-demand computing power
 - Create a fundamentally strong SYM ecosystem

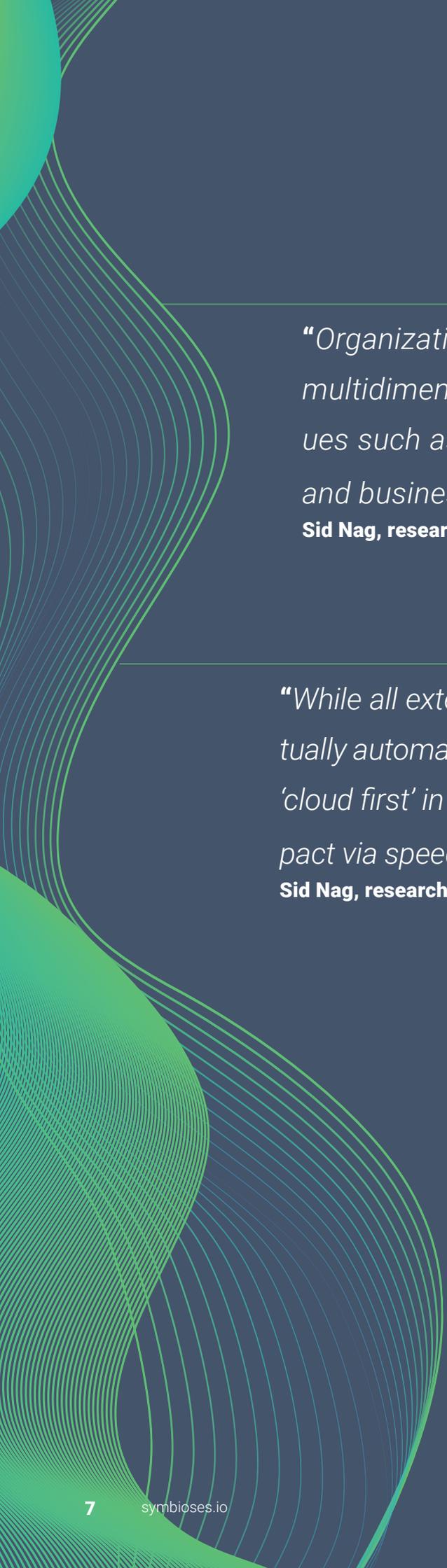
F. SECURITY OF THE SYMBIOSES ECOSYSTEM

Symbioses prioritizes the security of all participants incorporating the ecosystem. There are two main user entities that have to be protected: storage and compute (data and software). For storage, the data Symbioses accesses is encrypted across a decentralized network. The end user has control of the private encryption keys, thus no outside company or third party can access or control these files, not even Symbioses. For compute, on the other hand, the software is deployed using isolated environments without administrative privileges and with no explicit network connectivity. This ensures no arbitrary code is executed on the host devices, while it provides consistency for deployment on different devices.

How Symbioses Sandbox protects the user's device from unauthorized access



1. Software running on the user's device generally has unrestricted access to the user's private data.
2. Symbioses protects user's data by running software inside an execution Sandbox.
3. This way, the software running inside the Symbioses Sandbox has no access to user's data



“Organizations are pursuing strategies because of the multidimensional value of cloud services, including values such as agility, scalability, cost benefits, innovation and business growth,”

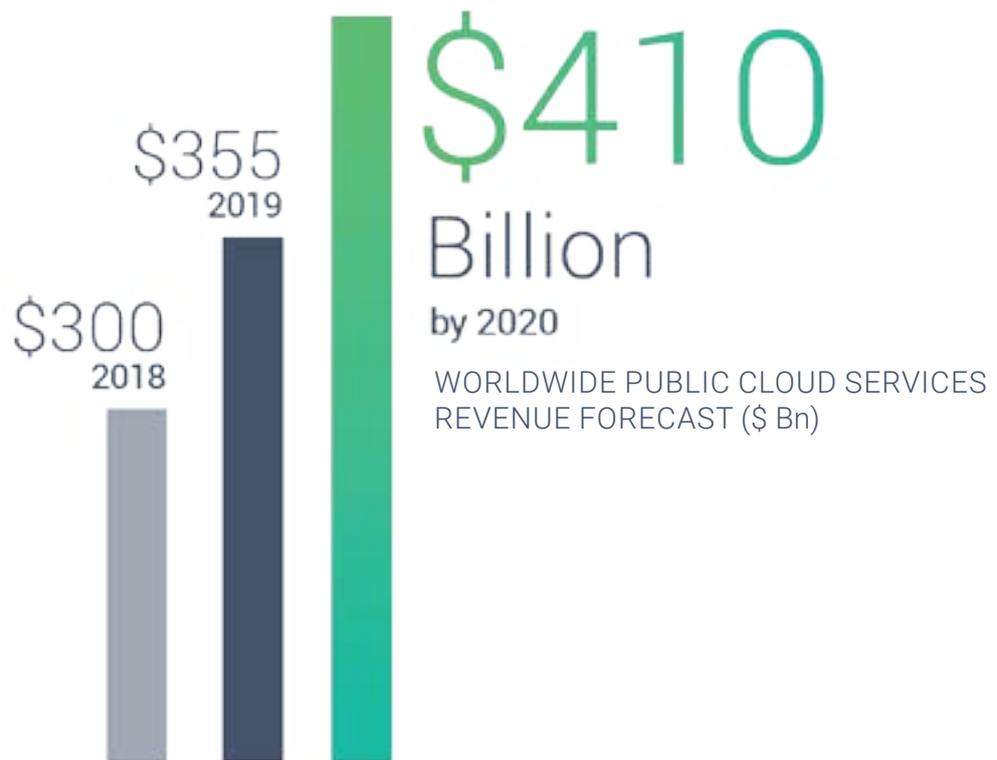
Sid Nag, research director at Gartner.

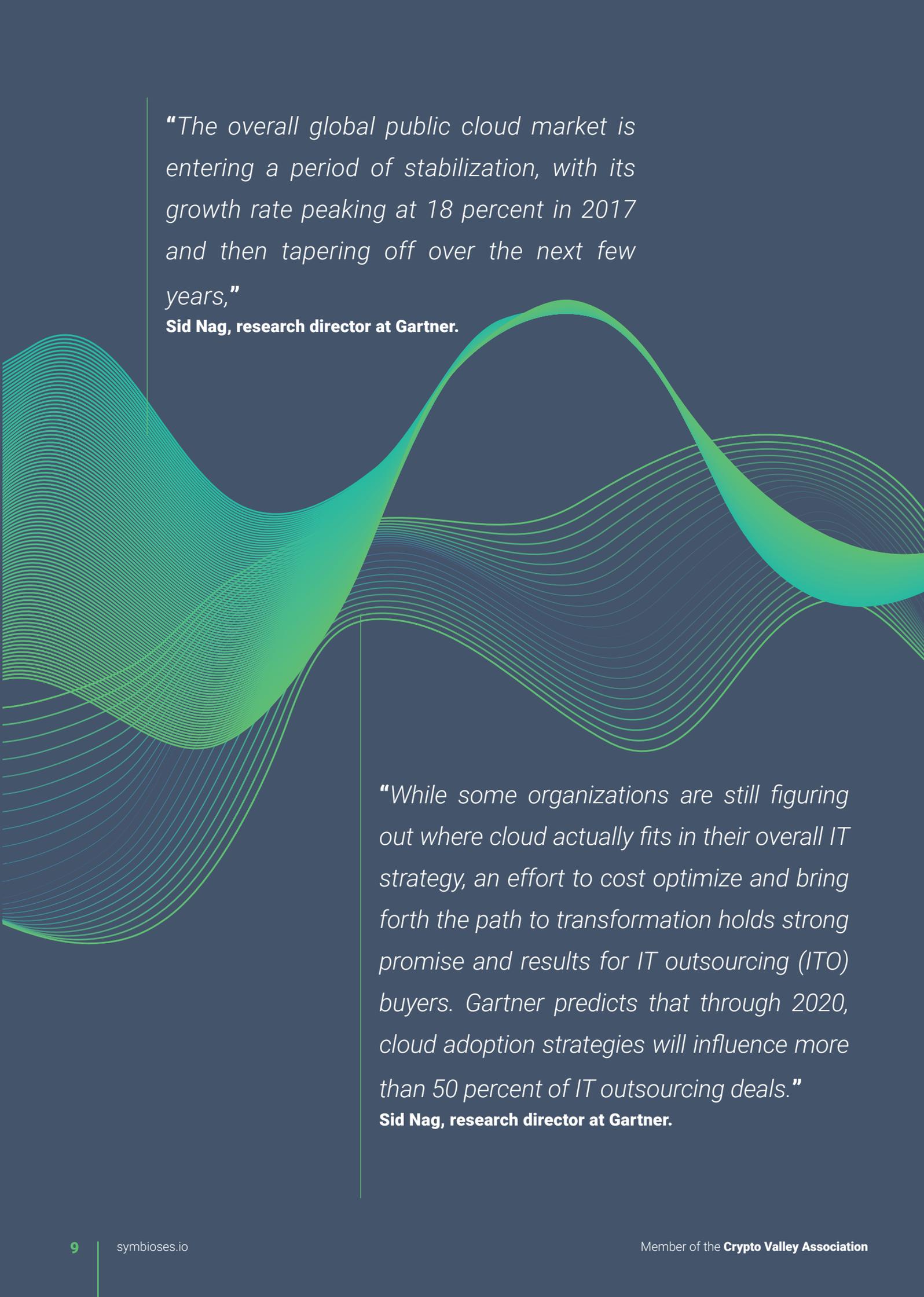
“While all external-sourcing decisions will not result in a virtually automatic move to the cloud, buyers are looking to the ‘cloud first’ in their decisions, in support of time-to-value impact via speed of implementation.”

Sid Nag, research director at Gartner.

G. MARKET SIZE

Gartner predicts more cloud growth in the infrastructure computing service space as adoption becomes increasingly mainstream. Additional growth is being created from the migration of infrastructure to the cloud and overall demand acceleration due to intensive computing workloads from video processing, 3D graphic generation, robotics, artificial intelligence / machine learning, Big Data analytics and the Internet of Things generated in the enterprise, academic and start-up spaces.





“The overall global public cloud market is entering a period of stabilization, with its growth rate peaking at 18 percent in 2017 and then tapering off over the next few years,”

Sid Nag, research director at Gartner.

“While some organizations are still figuring out where cloud actually fits in their overall IT strategy, an effort to cost optimize and bring forth the path to transformation holds strong promise and results for IT outsourcing (ITO) buyers. Gartner predicts that through 2020, cloud adoption strategies will influence more than 50 percent of IT outsourcing deals.”

Sid Nag, research director at Gartner.

2. ICO

A. PRE ICO INFORMATION

Details of the Pre-Sale and Main Sale of the ICO will be announced in our website symbioses.io. The Whitelist for the pre-sale will be available on our website along with KYC documentation.

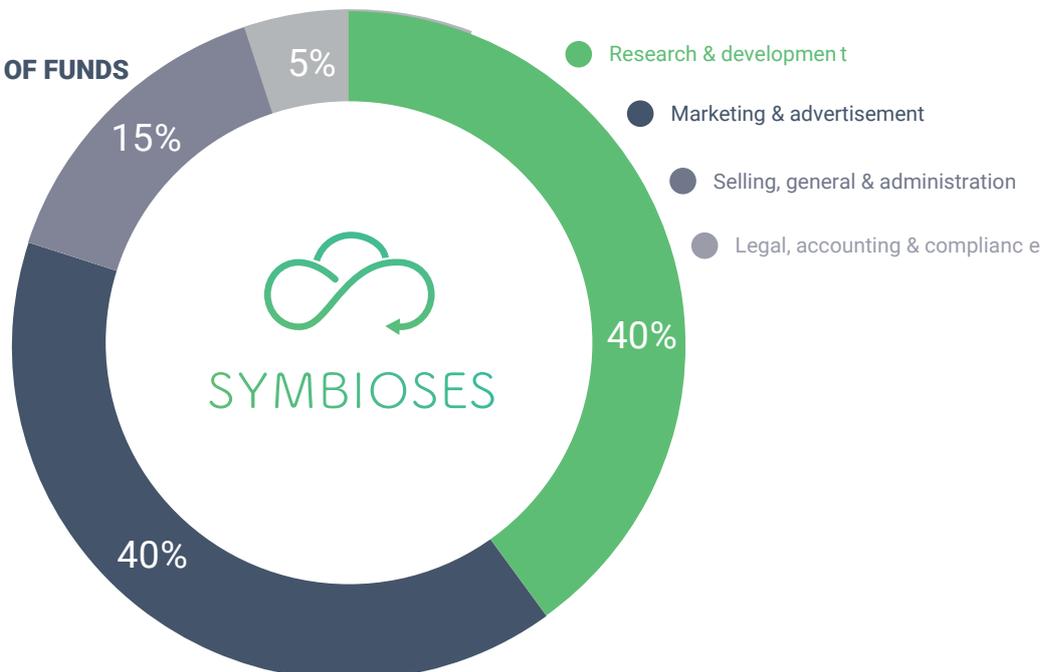
B. CROWD SALE TERMS

ICO will proceed through the native SYM application using Ethereum smart contract. No token creation, minting or mining will be available after the crowd sale period. At the end of the ICO, SYM token creation will be closed permanently. SYM token transfers will be restricted for security reasons for up to one month after the end of crowd sale.

SOFT CAP \$1,500,000

HARD CAP \$35,000,000

A. USE OF FUNDS



C. POST ICO

Conducted by Bitcoin Suisse, the largest crypto asset financial service provider with experience handling Bancor, aeternity, omiseGO, etc.

3. SYMBIOSES TOKEN

The core feature of SYM token is to allow product usage, enabling user access and interaction with the services provided by the network.

Other “nice-to-have” features may potentially be developed at a later stage as part of the service-expansion policy of the company, e.g:

- Enabling the user to contribute a value-adding action for the network that is being built.
- Allowing a monetizable reward based on active service which is payable by the consumer.
- Granting the capacity provider a value based on completed passive service.

A. USAGE AND COMMUNITY

The SYM token will be used in the Symbioses economy. It will be demanded primarily by computing power consumers, and it will be contractually delivered to computing power providers.

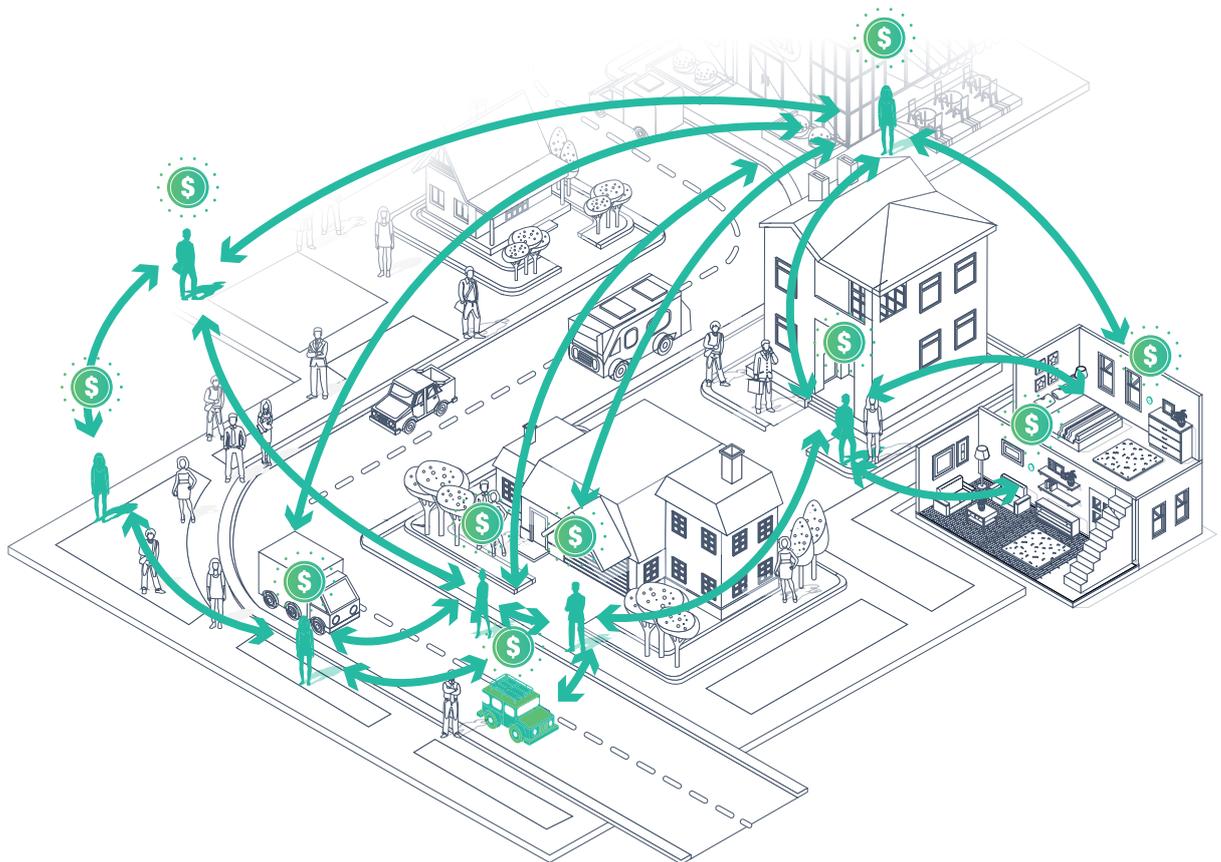
SYM tokens will be created during the crowd sale period.

Total supply of SYM tokens will be limited to the amount of tokens created during the crowd sale period. SYM tokens will be used by the computing power consumers, the buyers, to pay for the calculations using the smart-contracts based system.

SYM tokens will be issued on the Ethereum blockchain. Its design follows the widely adopted token implementation standards. This allows token holders to easily store and manage their SYM tokens using existing solutions including Ethereum Wallet.

USAGE

SYM token gives users the right to contribute services to a decentralized network and earn in exchange for their services.



COMMUNITY

Demand for the SYM token will be directly proportional to the demand for use of the blockchain, which will produce an increase in the usage of computing power.

Symbioses has an aggressive marketing plan at the onset to maximize early adoption of the application. Symbioses will motivate the providers to retain their tokens as they reach certain milestones through marketing programs, rewards and incentives. The increased usage of blockchain as a global trend, coupled with this micro dynamic, should result in a trend of greater demand than supply for the SYM token.

B. TOKEN ALLOCATION



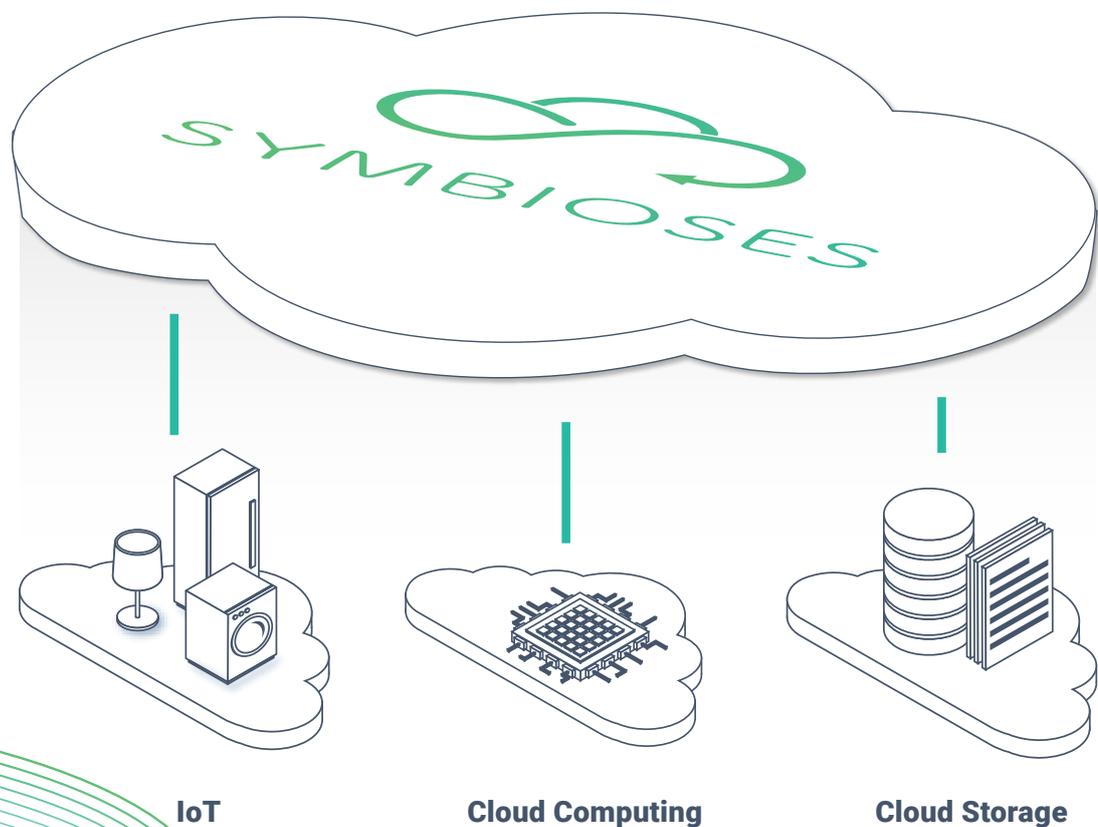
C. TRADE VOLUME

With the increasing use of cloud processors and storage in a decentralized manner, the consumers will demand more SYM tokens, and we expect this to happen at a faster pace than the selling of the tokens by the providers. Therefore, we expect market demand for the token to increase at a greater pace than market supply over time.

4. BUSINESS MODEL

A. PRE ICO INFORMATION

Symbioses seeks to disrupt the computing and storage markets utilizing the SY-MIO protocol to decentralize these services (see Technical White Paper for further explanation). Symbioses earns a minimum transaction fee connecting the consumers and providers in order to implement ongoing security of the network and enable expansion of the ecosystem.





INTERNET OF THINGS

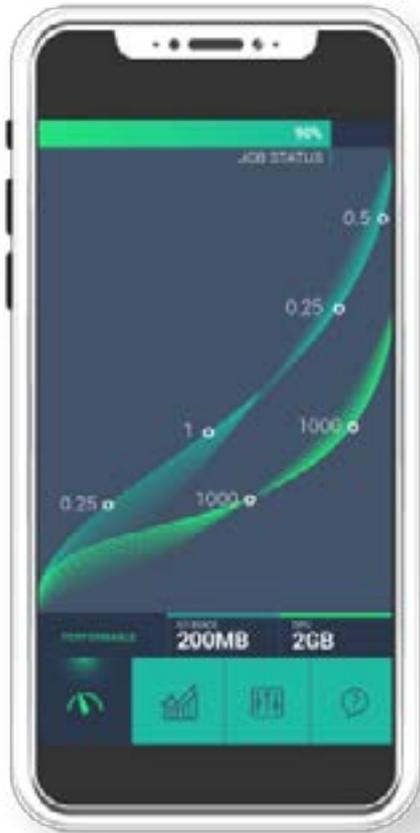
The four phases of our business model will be impacted by the development of additional smart devices. We are directly connected to the Internet of Things, since our App is capable of being installed on any device that participates in IoT.

The Internet of Things market is expected to grow from USD 170 billion in 2017 to USD 561 billion by 2022, at a CAGR of 26.9%, according to Report Linker. [4]

“By equipping street lights with sensors and connecting them to the network, cities can dim lights to save energy, only bringing them to full capacity when the sensors detect motion. This can reduce energy costs by 70-80%.”

John Chambers, Cisco

5. BUSINESS PHASES



A. PHASE 1: BLOCK MINING

Producers of computing power will be able to add their capacities to the network and receive SYM tokens. Consumers will use that power to mine, and they will pay SYM for that service.

B. PHASE 2: SERVICE EXPANSION I

Enabling a user to contribute a value-adding action for the network that is being built.

C. PHASE 3/4:

Allowing a monetizable reward based on active service which is payable by the consumer.

6. MARKETING PLAN

A. STRATEGY

GENERAL PUBLIC

Our objective is to expand the current blockchain computing and storage market to reach the general public who have little or no knowledge of blockchain and the world of cryptocurrency. Campaigns will include social media marketing, traditional advertising, and non-conventional marketing actions that creates awareness around Symbioses ecosystem.

PARTNERSHIP PROGRAM

One of the key components of our marketing strategy will be to pursue business partnerships with major producers and wholesalers of IoT devices such as televisions, mobiles, tablets, etc. The objective will be to have the SYM application pre-installed on these consumer devices to permit accelerated market penetration.

REWARD ACTIONS

Producers in the ecosystem will receive rewards proportionate to the active services, contributed capacity utilized to execute computing and storage demands. The provider gains a steady stream of rewards every time he/she contributes to the ecosystem as opposed to an occasional lump sum award.

B. ICO MARKETING ROADMAP

ICO

The PR and Marketing process of the ICO will be conducted by a group of agencies specializing in the blockchain and cryptocurrency ecosystem with a proven track record in handling successful ICOs.

POST ICO

Our post ICO Marketing Strategy will include:

- Communication flow will continue to inform of our activities to the Symbioses community. Once a month the team will inform the goals reached and the issues and challenges that the team is working on.
- Internal Communications Department. We are going to have 100% fully dedicated advertising and public relations division to design and tailor new campaigns. This will provide Symbioses with a more efficient and systematic approach in marketing.
- Online and offline ad campaigns.
- Regional Communications Directors in 5 continents.

7. ROADMAP

-
- February 2016** ● First programming experiments on the BTC blockchain.
 - May 2016** ● Looking to overcome some of BTC limitations, continued the programming experience on the ETH blockchain.
 - July 2016** ● Scalability issues identified with BTC and ETH blockchains.
 - October 2016** ● Design of the first alternative and viable prototype after a trip to Japan.
 - 1Q 2017** ● With the blockchain scalability issues gaining more attention, the team realized about the potential of this technology for decentralized and blockchain-driven applications.
 - June 2017** ● First proof-of-concept running on top of a blockchain.
 - September 2017** ● ICO Summit. Initial Business Development around the tech. Business creation around the existing MVP.
 - October 2017** ● First public presentation of the project and business proposal in a Blockchain event in Switzerland.
 - 1Q 2018** ● Prototype version available for public testing and access.
 - 2Q 2018** ● Pre-Sale
 - 2Q 2018** ● Main Sale
 - 4Q 2018** ● Launch of Symbioses Phase 1
 - 2Q 2019** ● Launch of Symbioses Phase 2
 - 4Q 2019** ● Launch of Symbioses Phase 3
 - 3Q 2020** ● Launch of Symbioses Phase 4

8) TEAM



LUCAS FIGUEROA

CEO / Founder

Lucas is responsible for the vision and strategy of the business and the execution of the 4 Phases. He is a serial entrepreneur and multiple business owner in the media sector, with an extensive international background. Lucas studied and wrote preliminary essays in the late 90s addressing the upcoming change in the digital world and cryptocurrency. He is an early adopter in crypto and blockchain ecosystem.



JORGE LEPRA

Managing Director

Jorge has over 20 years of experience in the financial sector. He has covered the areas of Structured Finance, private equity and M&A, while working in multinational financial institutions and at a global family office investment vehicle owned by the Liberman family. Jorge has lead and executed transactions in Latin America, US, Europe and África. Jorge has an MBA in economics.



SHAWN CAPPER

CFO

CFA, MBA - financial service industry experience for over 20 years in firms such as JP Morgan Chase, US Trust Company and Lehman Brothers. He managed portfolios with assets under management over \$2 billion in equities, fixed income, foreign currencies, venture capital and hedge funds with a focus on Fin-Tech investments.



NIKO GAMULIN

PhD Big Data Analyst

Based on the analysis of big data, he specializes on the creation of statistical models that track and predict customer behavior. He is also responsible for the deployment and validation of large-scale, big-data analysis computations.



STAS BEVC

Mobile application Expert

Stas is an expert in designing streamlined user interfaces for powerful yet easy-to-use apps. Has years of experience working on many computer science projects, with a PhD degree in molecular dynamics, and a Masters degree in data structures and algorithms.



JERI MORGAN

Head of Communications

Jeri brings 10 years experience working in FinTech within financial services in NYC, Europe and LatAm. She worked on large scale global SaaS product for the Asset Management industry where she handled client communications, account management and client relationships. Going forward she will be responsible for client and investor communications.



JOAQUIN MUÑOZ

Legal Advisor Spain

Elected Best Lawyer of the Year for 2018 for Information Technology Law for “Best Lawyer” publication. Joaquin led a case against Google at the European Court. Following his work this Court of Justice, in a landmark ruling, ruled that there is a ‘right to be forgotten’ online. This case granted Joaquin the prize for the Best Case of the Year by the American Lawyers publication.



FABIEN GILLIOZ

Legal

Fabien advises Swiss and International clients, ranging from entrepreneurs and SME companies to regulated businesses, in corporate and commercial law.

His experience enables him to assist companies on every stage of corporate life, including incorporation, restructuring, relocation and liquidation.

He is an expert in ICOs and Swiss & international regulation.



ALEXANDRE DE BOCCARD

Legal

Alexandre advises Swiss and international financial institutions such as banks, securities dealers, fund management companies, asset managers of collective investment schemes as well as independent asset managers on Swiss financial laws and regulations.



MAIKA SAENZ

Office Manager

Maika assumes the responsibility of everything that happens in our HQ office. She has more than 20 years of experience in production companies, agencies and start-ups.



MARTA MORILLO

Strategic Analysis

Marta is responsible for carrying out the strategic market and ecosystem analysis. Her activities also include operating analysis and financial forecasting. She works closely with the financial department.



PATRICIA MILANESI

Senior Executive Assistant

Patricia is the head of organization in Symbioses HQ. She brings more than 20 years of experience in international management teams. She structures calendars and day by day deliveries, commitments and deadlines.

9. ADVISORS

DOMINIK ZYNIS

Wings co-founder

SCOTT WITTER

Founder of GlowNet

MICHAEL BUCKWORTH

Legal Advisor UK

CARLOS MARTIN

Founder of Cryptobirds

10. PARTNERS



OCHSNER & ASSOCIÉS



11. LEGAL

This document is provided for information purposes. This document is not to be considered the final version of the White Paper. The information herein is subject to change until the Main Sale.

Symbioses SA is incorporated in Zug, Switzerland and a member of the Crypto Valley Association. Our legal partners in Switzerland are Ochsner & Associés, a highly reputable firm with experience in the crypto and blockchain sector.

The Symbioses token (SYM token) qualifies as a utility token as such term has been defined in the Swiss Financial Market Supervisory Authority (FINMA) Guidelines on ICOs published on February 16, 2018 (“FINMA’s ICO Guidelines”). The SYM token purpose is to confer digital access rights to services of the Symbioses platform that can monetize computing device. The Symbioses platform has already been developed and it is functional at the time of the token issuance. The SYM token has no investment purpose whatsoever and is neither designed nor created as an investment product nor a security.

Therefore, the SYM token shall not be considered as a security under Swiss laws and regulation (including as a share, participation right, bond, structured product, collective investment schemes or derivative). The SYM token are not subject to the authorization or supervision by the FINMA.

The Symbioses Ecosystem works as a monetization platform for computing device. The SYM tokens are the exchange unit (and will also be used as a monetizable reward on active service payable by the consumers) exclusively within the Symbioses Ecosystem. The issuance of the SYM tokens, which main purpose is to provide access right to services of the Symbioses platform, should not be subject to the Swiss Anti-Money Laundering Act (AML) given that the payment function is by default an accessory function of the SYM token and given that it is exclusively used within the Symbioses Ecosystem and the Symbioses platform. As consequence, the SYM token shall not be considered as a mean of payment (that can be used on a third party’s platform to acquire goods or services) under the AML or be deemed to be a “payment token/cryptocurrency” as such terms have been defined in the FINMA’s ICO Guidelines.

SYM tokens will be issued on the Ethereum -based ERC20 token. This allows token holders to easily store and manage their SYM tokens using existing solutions including Ethereum Wallet.

The smart contracts controlling all aspects of the SYM token, including the multisig wallets that make trustless escrow possible, will be implemented by the Symbioses technical experts and partners. These smart contracts, in turn, will follow an auditing procedure for security and correctness.

Multiple risk factors of the project include, without limitation, defects in technology, legal or regulatory exposure, market volatility & liquidity, corporate actions, or the unavailability of complete and accurate information.

Neither a solicitation, an offer, a recommendation nor a contract. This document is for informative purposes only and does not constitute, nor is it intended to be, a prospectus within the meaning of applicable Swiss law (including art. 652a or 1156 of the Swiss Code of obligation) or an offer to sell, a solicitation of an offer to buy a SYM token or a recommendation from Symbioses and its affiliates.

This White Paper is not a contract and does therefore not legally bind Symbioses or its affiliates.

Selling restrictions. Potential subscribers should note that participation in the SYM token sale(s) is subject to limitations imposed by applicable securities laws in various jurisdictions. The regulation of token and more generally blockchain is currently in evolution. Therefore, potential subscribers should be aware that some jurisdictions may introduce new regulation or adapt their current regulation and/or definitions / categories of tokens, including Switzerland. Below are examples of some limitations:

Singapore. Investors from Singapore shall not be able to participate in our offering.

United-States: The SYM tokens will not be registered under the US Securities Act of 1933, as amended from time to time, or under any securities laws of any state or other jurisdiction of the United States. Therefore, from the United States, the SYM token may only be made available to purchase by a maximum of 99 verified “accredited investors” (as defined in Regulation D under the US Securities Act of 1933).

The list of jurisdictions above where limitations apply is not exhaustive. Other examples of selling restrictions and limitations may be outlined in the upcoming SYM Token sale’s documentation.

This White Paper may not be used in any such jurisdictions or in any circumstances in which this White Paper, its content and/or the SYM tokens are not authorized for distribution and/or unlawful.”

WHITE LIST INFORMATION

The personal information you provide on this form will only be used to send you updates about the Symbioses token selling process. Once the ICO is finished your data will be deleted. If you decide to purchase tokens from Symbioses we will ask you for your personal information again.

13. REFERENCES

- [1] IBM, "What is Big Data?", Nov. 2016
- [2] Hajibaba, M., & Gorgin, S. (2014). A review on modern distributed computing paradigms: Cloud computing, jungle computing and fog computing. *Journal of computing and information technology*, 22(2), 69-84.
- [3] Botta, A., De Donato, W., Persico, V., & Pescapé, A. (2016). Integration of cloud computing and internet of things: a survey. *Future Generation Computer Systems*, 56, 684-700.
- [4] Report Linker on IoT <https://www.reportlinker.com/p03782621/Internet-of-Things-Market-by-Software-Solution-Platform-Service-Application-Domain-and-Region-Global-Forecast-to.html>

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