



WHITE PAPER 2.0

THE FUTURE OF CRYPTOCURRENCY TOOLS,
ANALYTICS & TRACKING

OFFICIAL WHITEPAPER
Resonance Labs

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i. DISCLAIMER

You should consult your own advisors concerning the legal and tax implications and other aspects associated with the PING token and the Sonar Platform.

The PING Token does not possess the necessary characteristics required to be classified as electronic money, a virtual token, a transferable security, money market instrument, unit in collective investment schemes, commodity, security or any other form of a financial instrument. Furthermore, this Whitepaper does not constitute a prospectus and does not constitute an offer of financial instruments and/or securities to the public, or an offer in any way connected to a collective investment scheme.

This whitepaper, the PING token and the use, holding and trading of the PING tokens carry no rights, whether express or implied, other than for the use on the Sonar Platform.

PING Tokens do not represent or confer any ownership rights, share or security or equivalent rights, intellectual property rights or any other form of participation relating to the Issuer. PING tokens do not give the holder thereof any entitlement to acquire any such interest or entitlement in respect of the Issuer. Furthermore, the Issuer shall not be obliged in any way to return any investment made in virtue of this Whitepaper. The body of administrators of the Issuer as mentioned below, are the persons responsible for the information contained in this Whitepaper.

This Whitepaper does not infer that (i) the information contained in this Whitepaper is accurate and complete subsequent to its date of publication or registration, or that there have been no material adverse changes in the financial positions of the Issuer since such dates, or (ii) that any information supplied in connection with this whitepaper is completely accurate at any time subsequent to the date on which it is supplied or, if different, the date indicated in the document containing same.



ii. GLOSSARY OF DEFINED TERMS

Blockchain	<i>Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network.</i>
EU or EEA	<i>European Union or European Economic Area (includes Iceland, Liechtenstein and Norway).</i>
FIAT currency	<i>Means currency that represents legal tender issued by a sovereign country and is considered to be backed by the Central Bank of its government.</i>
Issuer, Sonar or Company	<i>Refers to Resonance Labs (company to be incorporated).</i>
Smart Contract	<i>Means a form of technology arrangement being: (a) a computer protocol; or (b) an agreement concluded wholly or partly in an electronic form, which is automatable and enforceable by computer code, although some parts may require human input and control.</i>
Tokenholder	<i>Means a holder of the PING Tokens.</i>
Token Supply	<i>Means the total supply of PING Tokens which the Issuer has supplied/issued on the market which number is 4 Billion PING Tokens as described in the Whitepaper and shown in the Tokenomics diagram below.</i>
PING Token	<i>Means the Asset developed by Sonar and is being admitted to trading by means of the registration of this Whitepaper.</i>
Sonar Platform	<i>Means the platform that is being developed by Sonar which is described in detail in this Whitepaper which explains the business, operational and technological concepts and ecosystem that the Sonar Platform offers, and which is based on education of crypto trading. This Whitepaper describes the solutions and products being built in order to educate crypto investors, and aims to improve and validate the crypto trading community and marketplace through the creation of their platform and token.</i>
Website	<i>https://www.sonarplatform.io/</i>
Whitepaper	<i>Shall mean this electronic Whitepaper written by Sonar, which describes the PING Tokens and the Sonar Platform, and which can be found on the Website.</i>



1. Foreword

This document (*“the Whitepaper”*) has been drafted by **Resonance Labs** (the Issuer) for the admission of the **PING Token**.

The **Whitepaper** should be read in its entirety and considered as a whole before making any decisions to acquire or trade **PING Tokens**. **PING Tokens** do not constitute an offer or solicitation to sell financial instruments. If the Issuer decides to make any such offer or solicitation of financial instruments, it shall do so using a prospectus or other offering document in terms of the applicable **EU law**. The **Whitepaper** may not necessarily contain all the information that Tokenholders may desire in deciding whether to purchase or trade the **PING Tokens**. If prospective Tokenholders are in any doubt about the contents of this Whitepaper, they should consult their financial or legal advisers.

The information contained in the Whitepaper has been compiled from sources believed to be reliable and communicated by the management of the Issuer.

The persons responsible for the Whitepaper are the Directors of Resonance Labs. In this Whitepaper, the Issuer communicates that it aims to educate investors and traders of all levels (be them retail or professional) by providing analytical tools into a single intuitive user experience. Sonar Platform will allow users to analyse markets quickly and in a very user-friendly manner, and make more informed trade decisions in a time-efficient manner. The founders hold social impact and education at the core of all their operations and products, besides of course their love for cryptocurrencies. Their goal is to provide a safer environment when it comes to the world of crypto trading to help reduce trading risks and increase market validation. Through this Whitepaper, the Issuer would like to showcase how their platform can make a difference and add long-term beneficial affects to the crypto community, through



educating traders and building proper UI tools. Future phases of development will include allowing developers to build plug ins (APIs) to integrate into their platforms and obtaining certain trading regulatory licenses. Thereby creating multiple-layer and level tools, solutions and trading activities all on one platform in a seamless, user-friendly manner. Sonar's first layer of development and platform will be focused on providing users access to useful crypto trading analytical tools and access to valuable educational knowledge in relation to crypto trading terms and activities. Future phases of development will lead to the evolution of a more sophisticated and holistic platform by building and integrating APIs surrounding the trading ecosystem and engaging in offering certain trading activities upon gaining regulatory approval.

Unless it appears otherwise from the context:

- Words importing the singular shall include the plural and vice-versa;
- Words importing the masculine gender shall include the feminine gender and vice-versa;
- The word “may” shall be construed as permissive and the word “shall” shall be construed as imperative;
- Any reference to a person includes natural persons, firms, partnerships, companies, corporations, associations, organisations, governments, states, foundations or trusts;
- Any reference to a person includes that person's legal personal representatives, successors, and assignees;
- Any phrase introduced by the terms “including,” “include,” “in particular” or any similar expression is illustrative only and does not limit the sense of the words preceding those terms;
- Any reference to a law, legislative act, and/or other legislation shall mean that particular law, legislative act, and/or legislation as in force at the time of issue of this Whitepaper.



2. Executive Summary

2.1 The Issuer and Promoters

Resonance Labs Ltd will be the company responsible for the PING token. The Issuer was created to develop the Sonar Platform and to develop the underlying technology associated with the project and platform.

3. Scope Of Sonar

3.1 Mission Statement

Our mission is to provide a holistic suite of cryptocurrency analytics tools for investors of all experience levels. In doing so, this will help them reduce risk and increase the likelihood of profitable trades. Our vision is to provide an industry leading platform adapted to the ever-increasing array of tools available to cryptocurrency investors. Sonar will make these tools accessible to all, regardless of experience or portfolio size. Effectively, Sonar is a social impact engine established to provide a safer economic environment for our world, both on and off the blockchain. With Sonar, All the data, educational materials, and tools needed to go from complete beginner to savvy investor are brought together under one roof. With ease of access to the Sonar Ecosystem, our intention is to give the average person the means to potentially mitigate risk while simplified trading is fulfilled.



Through Phase 1 of its massive undertaking, Sonar will provide users with a dynamic, all-in-one, cryptocurrency analytical ecosystem to simplify and accelerate their online investment ventures. With the core tenets of Trust, Transparency, Ease of Use, and Social Impact at its foundation, Sonar provides a safe platform for any user to research, manage, and quantify their current and future crypto investments. Sonar will then evolve into Phase 2 (projected in Q3 2022), which will delve deeper into the trading ecosystem, aiming to providing users with the state-of-the-art trading tools and signals which are currently either unavailable or inaccessible to the common user. This whitepaper provides a detailed description of the use-case, tokenomics, team, and the future development plan of Sonar and its utility token (\$PING).

Our organization functions through three central pillars: Transparency, Education, and Technology. The first of these, Transparency, is the first layer of the foundation that the Sonar Ecosystem is built upon.

3.2 Transparency

We embody our central tenant of Transparency in the following ways:

- We believe in providing complete clarity of the company's mission, structure, fund allocation, and development process. We believe that amid the current largely unregulated world of cryptocurrency, that Sonar maintains industry leading transparency of the development process, matching and possibly exceeding that of traditional tech. Staying on-time and on-schedule to our roadmap is top priority. Keeping the community informed of all development progress is paramount to our values of Transparency.
- We maintain unparalleled levels of community engagement. There will always be a team member available to anyone who may need to access and communicate with someone from the team. We stand behind our products and place high importance



on being available to address questions and concerns from the community and users of our token and platform. An additional component of our engagement strategy involves the team hosting weekly video updates and Q&A sessions with the public and members of the community.

- Another pillar of strength is our willingness and adherence to complying with applicable regulations and working with regulatory authorities. We choose Jurisdictions and processes which afford the highest level of investor protection in order to market integrity and consumer protection. We believe that complying with the current and future cryptocurrencies laws that govern this space are the key to realizing the full extent of our vision as a company. We intend on leading the way when it comes to full lawful compliance and cooperation with regulatory authorities as opposed to an attitude of skirting the law in absence of it. We believe in the fully integrated future that crypto has with the world economy, and a core component of our mission is to be a trailblazer and an example to others in this space. To those who still believe that cryptocurrency is a venue which is still largely populated by scammers and criminals, we wish to demonstrate the legitimacy and incredible value that crypto can bring to the world economy and individual lives.

3.3 Education

Education is truly at the core of what we believe in, what we do and why we do it. We do not just wish to solely bring the people the tools they need to invest, but we also intend on teaching investors how to use and leverage them to their benefit.

We see many companies integrating education and providing educational material within their projects scope and on their platforms. However, when one looks at the content structure, its actual framing and the language used, it becomes evident that it would only be a branch of their acquisition plans (content marketing).

Conversely, Sonar applies culture and avenues of education on a truly different level. It is an attitude fostered in our active community that we help and educate others



rather than shame them for not knowing better. We believe that this approach has the potential to spread and enrich lives within our ecosystem and beyond.

We integrate educational initiatives in our company, products, and ecosystem in the following ways:

- **Sonar Blockchain Education:** A free to watch podcast style series of educational videos, streamed weekly on Twitch.tv and YouTube. Each week we offer a different topic ranging from fundamentals to more advanced subjects. Special guests are invited from across the blockchain and finance world to participate in an open conversation to help people understand the complex and fast-evolving space. Viewers are able to participate in the episode through questions and comments on the live-chat. This has been an anchor in our community education since its inception.
- **Sonar Platform UI Tool tips:** A toggle-able feature of the platform which turns your cursor into an information request of the selected function. Clicking or hovering on the selection will result in an informational prompt for the user to read and/or interact with in some way.
- **Sonar Platform Tutorials:** A dedicated section of the platform containing short videos which demonstrate the platforms use-case. For instance, a user who is unfamiliar with limit orders could watch a brief example of one being executed.
- **Sonar Blockchain Academy:** A collection of short articles, videos, and documents on definitions and concepts that can be encountered in blockchain, cryptocurrency, and investing.
- **Sonar Forums:** A section of the Platform for discussions related to blockchain, crypto, and investing, with a focus on learning and helping others in the community. A space to communicate and share ideas, tips, and tricks with one another. This is also another avenue for the Sonar Team to interact with the community and answer questions, leading to a more holistic and “human” customer support experience.



- **Sonar Curriculum:** Sonar will vet, review or create educational material for public and private education institutions, as well as aid in the implementation of blockchain within the curricula of countries and states around the world.

3.4 Technology

Technology is what drives us. It is the third and final pillar of Sonar. We get great pleasure and satisfaction from imagining and re-shaping the relationship that users have with Blockchain.

Most of the crypto industry's focus, has been and still is improving crucial aspects of the technological stack itself. It is striving to first address the blockchain's trilemma: scalability, speed and security. Lately the industry has also been expanding to meta-issues like chain interoperability, but we are observing yet another axis waiting for attention and dedication: human-blockchain interoperability.

We found that the industry offers a very soft implementation of UX's general best practices. However, there remains an industry wide deficit of true innovation applied to the user experience, and a narrow vision of what a state-of-the-art user experience entails. We intend to revolutionize what it means to be a user interacting with the blockchain.

Real efforts in this direction must consider every single touchpoint that the user encounters. The first glance of the interface must seamlessly guide the users on how and where to educate themselves and guide them to access and use any tool offered by the software. Conversely, the platform must also anticipate and cater for assisting users in worst-case scenarios by providing the user with safety nets and processes on how to solve issues in case problems arise. In accordance with its values Sonar will offer seamless and intuitive user experience, whilst holistically offering best-in-class customer support.

It is not enough to design a carbon-copy "simple UI". Each feature and tool needs to be implemented in a multi-layered application of three main axes for the user: knowledge, emotion and skill. This way, our general blueprint for product development allows us to move towards the chance of truly anticipating the needs of the next upcoming



wave of crypto adoption. In the same way the smartphone revolutionized the cell phone user experience, Sonar intends to transform the way users access crypto. Ultimately, to fully accommodate the needs of each user, it is imperative to offer a simple but deep means for customization of the experience. This simultaneously achieves adaptability of the UI to different use cases and user expectations, whilst maximizing user retention and adoption and resulting in long term relevance of the Sonar Platform.

For this aspect we are building a development layer within the platform, that will enable autonomous developers to create Apps (plugins) for Sonar. This will give birth to a plethora of tools that will fulfill very specific needs and spur a new wave of creative solutions for the crypto space.

Users will be able to simply install these upcoming tools in Sonar with a click, and leverage them within a linear, undisrupted, and efficient workflow. This point is a crucial milestone in our path for two reasons:

- **It will permit exponential and autonomous growth and adoption thanks to UGC.**
- **It will provide a launchpad for human-blockchain interoperability specific innovation.**

Once the beta phase of this module concludes, we will add a payment layer to give developers the ability to sell their Sonar Apps (plugins). This will exponentially increase interest in developing for Sonar, since this will give the developers a means to keep plugins development sustainable, resulting in the creation of and create a new revenue stream for the company (since as a portion of the sales will be retained by Sonar).

3.5 The Development Strategy

Sonar organizes its technological development using its inhouse SAT system. “SAT” stands for Safety, Analysis and Trading, which defines the focus of all features forming part of the Platform’s offering.



The first two quarters of 2022 will be solely dedicated to the development of the infrastructure, and features related to safety and analytics. We believe this is important for the following two main reasons:

- **To ensure that we do not fall within any relevant licensing regime associated with Trading until necessary licenses and/or regulatory compliances are obtained.**
- **To grant more time for base infrastructure optimization before building up complexity.**

This also rests in line with our vision that we will always amplify comprehensibility over empowerment (i.e. features that add accessibility rather than efficiency). On a more granular level, implementation prioritization of features considers technological requirements, market need, and marketing pipelines.

During this period, we will progressively release both portfolio and market dashboards. These will be the first batch of tracking features and contract analysis tools to be launched on the platform.

From Q3 onwards, Sonar will work on acquiring the relevant regulatory licenses which will enable it to develop and present certain trading tools as part and parcel of the platform itself. These trading tools range from simple RT buy/sell orders offered, to low-to-mid tiers. The quality and standard of development will lead to advanced trading tools that will leverage AI-driven signals and UG automated workflows, to be offered to the top tier spectrum. Concurrently, the Developer APIs layer will be developed and tested with selected partners. Given the scope and complexity of this stage, it is not realistic to set a release date for the official launch yet.



4. The Sonar Ecosystem

Imagine life before the smartphone. A time where one would need to carry a calculator, telephone, camera, video camera, notebooks, pens, personal gaming devices, computers, and more to have the same functionality as the smartphone. This is what Sonar intends to provide to crypto investors. Instead of having to individually research social network/influencer trends, vet contract code, watch price charts, create price action alerts, execute orders, and more on different websites or applications, Sonar will unify and simplify all tools into one holistic platform. Sonar brings all your cryptocurrency analytical and trading tools into a single, intuitive experience.

Sonar tracks live data pulled from blockchains, social media networks, price trackers, auditors, and cryptocurrency exchanges. In effect, the Sonar Platform allows users to quickly analyse and make better informed trade decisions in a more time-efficient manner. The Sonar Platform will be developed holistically with the Sonar Wallet, which will support several chains and networks. Moreover, a major groundbreaking aspect of the wallet is the integration of some of the platform's analytics within the wallet itself. An overview of the Sonar Platform and Wallet Features is provided below:

4.1 The Sonar Platform

Tools and Features

Sonar is developed with state-of-the-art technologies and is designed to be adaptable to the newest innovations in the emerging blockchain space of the future. Some (not all) of the analytical and trading tools and features available on the Sonar Platform will be:

Price Analytics

- Live price data feeds from major CEX/DEXs for crypto assets
- Technical Analysis charting tools for crypto assets
- Order book information for crypto assets

Social Analytics

- Intelligent AI aggregation from social media sources such as Reddit and Twitter



- Identifying trending and social influencer promoted projects
- Converting qualitative market sentiment data into a quantitative score

Contract Vetting and Audits

- Audit certification checks with source, provided with a visible score on the Sonar platform
- Contract security quality scores through risk detection (e.g. locked liquidity, token mint functions, wallet holder balance, contract ownership status, token transfer and trade functions, etc.)

Trading Notifications

- Customizable conditional notification events for if/then functions involving price fluctuation ranges, DEX/CEX listings, release of asset related news media, and blockchain integrity issues (e.g. detection of “flash loans”, DEX/CEX hacks, etc.)
- Trading Signals (Upcoming Feature)
- Live-Tracking and Notification System
- Full Transparency of the movement and usage of the developer wallet. Wallet transactions are viewable and trackable by investors via Sonar’s website. With full transparency, our investors can feel a sense of security knowing details of when allocated funds are used towards the furtherance of the Sonar roadmap
- Early Investment Opportunity Notification System (Upcoming Feature)
- The Sonar platform draws together and monitors aggregated metadata feeds into a smart alert system. The system performs alert notifications which allows Sonar users early, actionable news of upcoming investment opportunities which may miss one’s investment radar
- Trade Execution (Upcoming Feature)
- Perform trades directly through Sonar with built in AMM functionality. With advanced trade functionality such as trailing profit/stop-loss functions, Sonar’s ecosystem provides all the necessary tools for the savvy trader to plan and execute informed investment decisions
- New or Emerging Blockchain Trading Integration allowing trade execution for assets across multiple blockchain technology providers
- Asset Wallet with cross-chain, live profit tracking capacity for Sonar and non-Sonar tokens
- Mobile Application for iOS/Android operating systems



Education

- Education videos Sonar Academy content
- Sonar Blockchain Education podcast edition
- Financial Literacy course
- Animated education video series

Artificial Intelligence and Machine Learning

The platform will be equipped with state of the art AI features, which will simplify, unify and analyse data from millions of sources in order to provide the user with the necessary tools for better, safer and more profitable investment strategies. Such features include, but are not limited to the following:

AI News Aggregation and Summarisation

- Searches through the web for cryptocurrency related news
- Uses advanced seq2seq transformer neural networks to summarize key points from large news articles into a few sentences
- Intelligently labels and categorizes news articles by blockchain, token, and topic

Social Media Sentiment Analysis

- Constantly scrapes and aggregates social media data from sources such as Twitter and detects which tokens are being talked about
- Uses advanced classification transformer neural networks to identify social activity as positive, negative, or neutral
- Records and displays trends in market activity to detect hot and new tokens

AI Contract Code Scanner

- Scans crypto contract code with bleeding-edge AI methods that are impervious to simple exploits and obscuration
- Can spot patterns in rugpulls by analyzing 10s of thousands of previous rugpulls and their corresponding contract code
- Detects tokens masquerading as other tokens, honeypots, etc.

Secret Feature TBA



4.2 The Sonar Wallet

Sonar Wallet is a Web3, Non-Custodial Wallet which offers a safe storage of crypto and access to the best tools of the DeFi landscape, with a wide set of advanced but easy-to-use tools to help grow your portfolio.

Layered inside the application, the core functionalities of Sonar Platform are integrated to offer a vast plethora of tools to help the user get the most of his relationship with the blockchain; from deep analytics and tracking features driven by our proprietary AI algorithms, to portfolio optimisation and integrated access to the best selection of DeFi opportunities for yield farming, Sonar Wallet expands the concept of a crypto wallet becoming your friendly swiss-knife for the crypto multiverse.

All tools live in a coherent and methodically designed UX, where the potential is cleverly organised to offer absolute simplicity of use at first glance, but progressively disclose its powers and complexity only to those needing it.

First version will already support various blockchains (Ethereum, Binance, Polygon, Near, Fantom, Avalanche, Harmony and more). Wallets from different chains are integrated seamlessly in a single dashboard to help the user get the grasp of the big picture. In later stages, the integration of new blockchains and CEX integrations will further expand the outlook over the entirety of cases.

Seed phrase and passwords are generated and stored locally to safeguard users.



5. Who are we?

Sonar was founded in early 2021 by an international group of cryptocurrency professionals as a solution to the increasing volume of illegitimate investment projects and elaborate scams found within the DeFi crypto investment space.

Driven by the principles of complete transparency and traceability, the team has developed a cryptocurrency investment analysis platform which provides its users with a high-degree of risk management through informed investing tools within the volatile space of DeFi investments.

Additionally, Sonar continues an active background in operating philanthropic programs in some of the world's less developed countries. With 20+ years of combined experience in innovative social impact strategies, the team at Sonar prides itself on delivering on its core values by creating a safer investment ecosystem for all people, regardless of their market position or investment size. Future programs will include developing opportunities for the Sonar Ecosystem to invest back into some of the most at-risk communities in the world.

5.2 Founders



Jacob Camilleri

Executive Director and Chief Executive Officer
(Malta)

7+ years experience in urban planning, sustainability and project management specializing in national and EU regulations, GIS, environment, transport and sustainability. Spent initial years of career working in the education sector and teaching environment. Explored and delved into the property business with success. Graduated at the University of Malta, for the past years the aim was always to innovate within world of blockchain and use it as a path to a better world by integrating it within various sectors, by replacing or improving existing outdated systems and facilitating the on-ramp of the general public into the crypto world as a means to a better future.



Cristiano Troffei

Executive Director and Chief Innovation Officer
(Italy)

20+ Years experience designing and innovating technology products, 5 years of experience as CEO of a multi-million users platform, and 2 years as CDO. The products he has designed have received various awards from the Apple AppStore – such as Best App of the Year in 2012, 3 Best App of the Month, featured as Editor’s choice and have hit the top of global charts in most countries.



Michael Wood

Director for Finances and Chief Financial Technology Officer
(USA)

11+ years experience in developing Traceability/Transparency systems for commodities exchange, 5+ years experience developing Private-Public Blockchain Enterprise Resource Management Programs for Agriculture/ Global Logistics Sector, 20+ years experience operating multi-national charity programs as Executive Director and Field Operations Lead.



Ryan Schiffmann

Director of Operations
(USA)

7+ years experience in Operational Management, team leadership, team building, and networking. Ryan is a believer in the power that blockchain based technologies have to transform individual lives and our world for the better.



Elias Abi Daoud

Director of Community Operations and Education
(Canada)

15+ years of experience managing & developing international communities through online platforms. 8+ years in leadership roles delegating teams of 20-40 people. With 4 years studying blockchain/ crypto technologies, Elias has a passion for learning and empowering others through education



Suleman Dotutinggi

Director for Strategic Partnerships
(Indonesia)

Founder of Indonesia Altcoin, the leading platform for the crypto enthusiast in Indonesia, 5 years experience in the crypto world, 8+ years involved in humanitarian intervention and community empowerment, as well as diplomatic relations.



Adam

Technical and Financial Director
(Canada)

5+ years experience in cryptocurrencies, blockchain and NFT technology. Specialising in blockchain innovation and solidity liaison.



Oki

Director of Products and Marketing
(Netherlands)

Polyglot and former business executive in various organizations with 7+ years of experience, 5+ years as revenue manager, and 2+ years as e-commerce startup co-founder. Started trading in '15, Active in crypto since '16 and coding since '18. Higher educational background in Business Administration, Artificial Intelligence and Mathematics. Oki has a passion for DeFi and numbers.



Alden

Communications Lead
(Singapore)

+3 years of experience in Community Building and group creation on Social Networking sites. Experience in deployment and management of discord bots, channel creation and modification for optimal performance. Deep knowledge of Social Media. Early adopter of innovative media technology.



6. The Ping token

6.1 Token Distribution

The Token Distribution consisted of 4 Billion PING tokens. All PING tokens have already been issued on the market. Therefore, the total supply of PING tokens is already in circulation. A portion were retained by the Founders and Developers, a portion are found on a swap DEX (such as PancakeSwap). A portion of the Core Business Tokens were given to a regulated fiat-on-ramp payment processing partner. Further information on the tokenomics of the issuance is found further down in this Whitepaper and in the table below.

Total Supply	4,000,000,000	100%
Liquidity Pool	1,267,200,000	31.7%
Holder Reward	135,956,350	3.4%
DxSale Launch Service	31,500,000	0.79%
Core Business Tokens	240,000,000	6%
Founder's Tokens	160,000,000	4%
Pre-Sale Tokens	1,584,180,000	39.6%
Whitelist Lottery Sale Tokens	581,163,650	14.51%



6.2 Fiat on Ramp

A portion of PING tokens were purchased in FIAT. In relation to the sold PING issued via FIAT this was done via a payment processing partner Sonar has. Sonar is currently in an agreement with Indacoin LTD. Indacoin LTD serves as a fiat to crypto on-ramp through Visa or Mastercard. Indacoin LTD conduct their own KYC and AML procedures in accordance with the regulations they are subject to. Incidentally Indacoin LTD have their own KYC system and are a Financial Institution licensed by the Financial Conduct Authority (FCA) and are governed by the UK/EU laws., and Sonar is not in any way directly connected or responsible of the fiat to Ping purchases or KYC requirements. Indacoin LTD sells the tokens, converts them to crypto (BTC) and only then are the contributions raised from the sales transferred to Sonar. The amount of tokens given to Indacoin LTD was 3.5Million PING, which were taken from the initial team development tokens allotment.

Therefore, the issuance of PING was done in a legally compliant manner. Where KYC procedures needed to be conducted due to a part of the issuance being done via FIAT on ramp, the founders ensured that they chose a licensed partner to handle this process in regulated manner.

6.3 Listing on Centralised Exchanges

Sonar intends to list the PING token on the Tier 1 and Tier 2 Centralized Exchanges. Sonar will incorporate and license itself in a way which will ensure the highest security, thus enabling it to be accepted and supported by the top CEX. It is however noted that sometimes lower tier exchanges opt, without the approval of the team, to list the PING token by purchasing the token themselves and transferring the tokens to their “hot” wallet. This is not within the control of Sonar, and it cannot be held liable to such transfers occurring outside its jurisdiction. PING has also been listed on CEX Gate.io, however no tokens were sold to the exchange, and the exchange itself must have bought an amount of tokens directly from PancakeSwap.

The aim is for the PING token to begin to list on the Tier 1 Exchanges in Q1 2022. This will obviously be dependent on the length of time of the registration process of PING’s Whitepaper with the Malta Financial Services Authority (MFSA) as well as all the CEX requirements being met.



6.4 Tokenomics

The tax tokenomics are subject to changes according to the needs and situation at the time. The percentage distribution as well as the total buy/sell percentages are constantly updated. The tax shall gradually be reduced throughout 2022 as the PING token prepares for listing on top tier centralized exchanges. The token is currently subject to a transaction tax of 8%, which are distributed as follows:

TRANSACTION TAX	
TOTAL TAX	8%
Development and Marketing	1%
Innovation	1%
Liquidity	3%
Reflections back to holders	3%



6.5 ICO Issuing Mode

The Whitelist Lottery and Public Pre-Sale transactions were carried out in BEP20 Assets (mainly BNB) and no Fiat to Crypto transactions were accepted. The following table shows the corresponding value of these assets in USD

Pre-Sale Funds Allocations

Distribution	% Allocation	Hard Cap (USD Value in BEP 20 Assets)
		466,000 USD
Liquidity	67.98%	316,800 USD
Marketing/Development	25.15%	117,200 USD
Pre-Launch Development Services	5.4%	25,000 USD
DxSale Launch Service	1.5%	7,000 USD

Distribution	% Allocation	Soft Cap (USD Value in BEP 20 Assets)
		291,000 USD
Liquidity	67.98%	192,822 USD
Marketing/Development	22.23%	64,678 USD
Pre-Launch Development Services	8.59%	25,000 USD
DxSale Launch Service	1.2%	3,500 USD



6.6 Safety, Security and Risk Mitigation Measures

Pre-Sale, Anti-Dump Risk Reduction

- Whitelist randomized lottery system
- Limited token purchase at token launch. **500,000 MAX TOKEN** purchase for the first 30 minutes following listing on the PancakeSwap V2 Exchange
- Multi contract bot confusion system (multiple contracts launched to route trading bots into non-functional trap contracts)

Liquidity Lock

Liquidity Lockers will be utilized to lock the liquidity of **Sonar Token (\$PING)**

Founder Wallet Token Lock with Timed Release

Token Lockers will be utilized in conjunction with timed releases to ensure stable release of founder's token allocations without impacting Sonar Token price action

Sonar Holder Token Reward Mechanism

Sonar provides timed, calculated burns at specific growth phases of the platform. This mechanism is in place to ensure an added security mechanism against negative price action, but also to increase the value of PING token through deflationary mechanisms.

135,956,350 TOKENS ALLOCATED FOR BURNS. 13.60M TOKENS BURNED FOR EVERY INCREASE IN 10,000 WALLETS UNTIL ALL THE ALLOCATED TOKENS ARE BURNED.

Multi-Signature Wallets

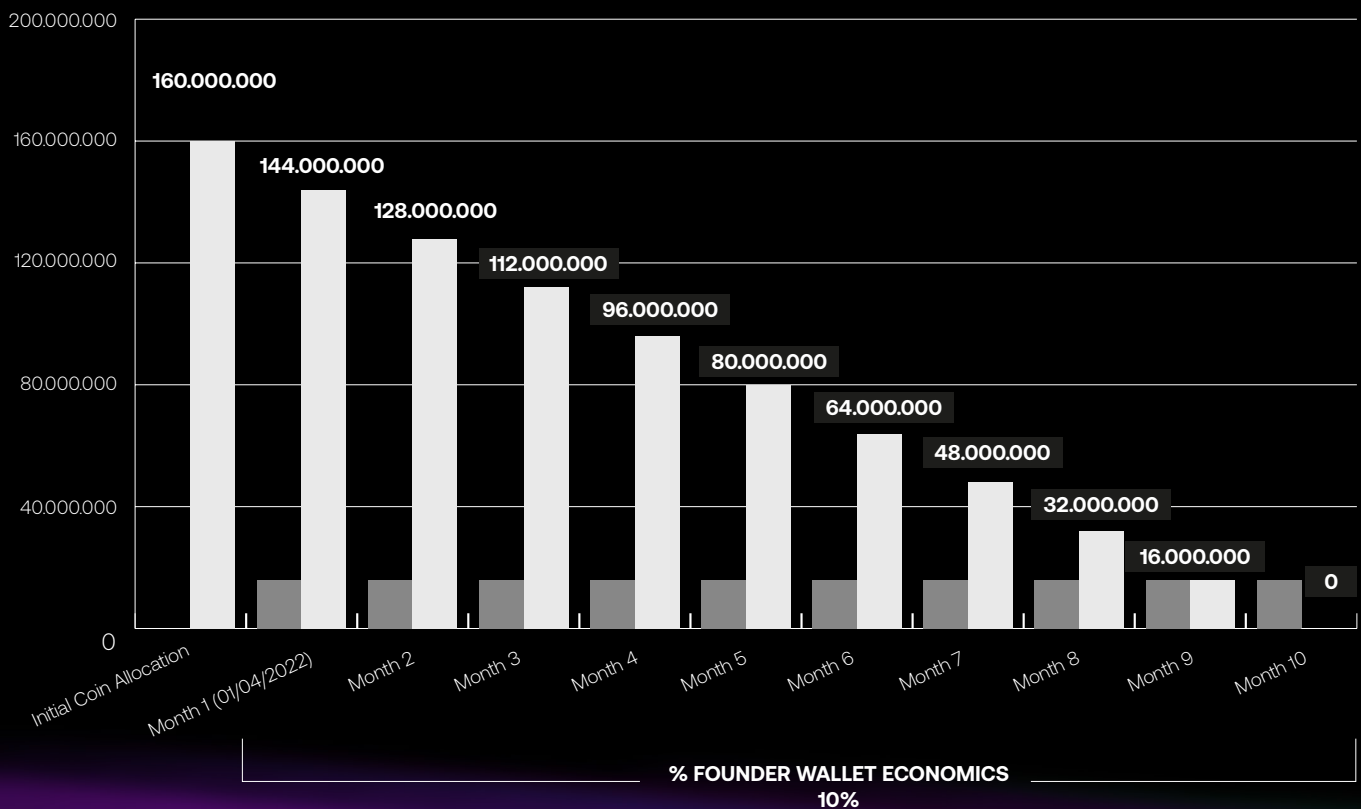
All team, core business and founders' tokens are stored in multi-signature Gnosis vaults which require at least 3 core team members to sign in order to execute a transaction. Such risk mitigation measures are further explained in the security section



6.7 Founder Wallet Distribution

The Sonar Founders Team has decided that founders' tokens distribution shall not commence until Version 1 of the Sonar Platform is available to the public. The first token distribution (Month 1) shall occur on April 1st 2022, and shall continue to be distributed monthly as per table below.

● TOKEN TRANSFER ● REMAINING BALANCE





6.8 Tier structure

To access the Sonar Platform tools, Sonar provides multiple tiers of services, with the most advanced features available exclusively for \$PING token holders

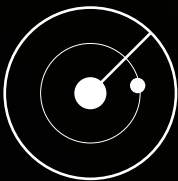
Tier - 0



- Charting tool with live transactions
- Basic Asset Tracking Features
- Basic Analysis Features and Watchlist

Requirements: Offered to non-holders as well as part of marketing strategy

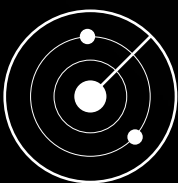
Tier - 1



- Advanced Asset Tracking Features
- Advanced Asset Analysis Features with Watchlist Function
- Custom Token Dashboard
- Basic Alerting Features
- Automated Portfolio Tracking

Requirements: A minimum of “X dollar” amount in \$PING must be held by an investor to access these tools.

Tier - 2



- Access to all Sonar Asset Tracking and Trading Features
- Access to all Sonar Asset Analysis Features with Watchlist Function
- Custom Token Dashboard
- Advanced Asset Price Action Alert System
- In-App Trade Execution for non-Sonar Crypto Assets (Phase 2)
- Trade Signals/Price Action Projections (Phase 2)

Requirements: A minimum of “Y dollar” amount in \$PING must be held by an investor to access these tools.

Note: Values “X” and “Y” shall be determined closer to the platform launch date. Such values will be determined through a careful case study of the mean and average Ping holdings and it is Sonar’s intention to make the top Tiers available to as many holders as possible.

BEYOND...

- Continuous Development of Novel Technologies to Enhance Crypto Asset Analysis for Sonar Platform Users
- Develop On/Off Chain Investment Vehicles for Sonar Token Holders



7. Development Plan And Timeline

Q2

- Sonar Website Registered, Developed, and Launched
- Initiate Sonar Token Marketing Plan (Digital, Physical Media)
- Perform Paid-Audit through Techrate Auditor
- Ecosystem Whitelisted Pre-Sale of Sonar
- Token Initial Token Offering on Pancake Swap
- Listing on CoinGecko, CoinMarketCap, and Blockfolio
- Enable TrustWallet/Metamask Wallet Sonar Token Logo

Q3

- Develop and Launch BSC-ETH Bridge
- Launch ePING on ETH network
- Enhanced CertiK Bridge Contract Security Audit
- Enhanced marketing strategy execution
- Develop marketing and technical collaborations
- Launch on a third-party FIAT on-ramp platform
- Start Development on the Sonar Platform

Q4

- Expand Development Team (e.g. Artificial Intelligence/Machine Learning Developers, DEX Developers, White Hat Security Programmers, etc.)
- Initiate Incorporation Process and Security Audit
- Sonar Platform BETA launch with charting tool and AI news summarization and aggregation



Q1

WALLET

- Chrome extension beta
- Mobile beta (iOs, Android)

PLATFORM

- Portfolio analytics beta
- 1.0 Official Release
- AI Features (sentiment and social analysis and social, AI code auditor, sonar trending)
- Educational Content
- First batch of different languages

TOKEN

- Bridge to Near Protocol
- Bridge to Polygon
- Initiate development of Staking/Farming systems

INCORPORATION

- Incorporation of the company
- Security Audit with Government Licensed Audit Company
- Registration of the Whitepaper in line with MiCA requirements

2022



Q1

MARKETING AND FUNDING

- Collaboration and interviews with world-renowned media outlets
- Press releases with top crypto and world news portals
- Professional social media campaign
- Significant upgrade in Ad campaign
- Initiation of NEAR Protocol Grant
- Continue relationships and finalise VC funds
- Other marketing campaigns TBA

EDUCATION

- Sonar Academy initial content release
- Sonar Blockchain Education podcast edition
- Animated education video series

CEX LISTINGS

- Application for the first Tier 1 CEX Listing

Q2

WALLET

- Official Release (Chrome extension, iOS, Android)

PLATFORM

- Defi Studio
- WhaleWatch
- Tracking features
- New blockchain and CEX/DEX integrations
- Second batch of different languages

2022



Q3

CEX LISTINGS

- Application for the more Tier 1 CEX Listings

EDUCATION

- Sonar Blockchain Education cont. (special guests featured)
- Financial Literacy course cont.
- Sonar Academy development cont.

PLATFORM

- Market Studio
- Trading Features
- Continuous development

WALLET

- New Blockchain Integrations

ECOSYSTEM

- Developer APIs beta
- Trading automation features

2022

Q4

ECOSYSTEM

- Developer APIs launch
- Upgrades and new features to trading automation

CEX LISTINGS

- Application for Binance CEX Listing

WALLET

- dAPP Store



8. DISCLAIMER

No Investment Advice

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