



さるぼと せつぷ

Solarbots

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Background: The Story

Three factions in great turmoil, thrust into war over resources, grudges, and ideology.

The overzealous Lacrean Empire, a wealthy theocracy obsessed with body-modification, faith, and purity.

Illskagaard, a hyperindustrial republic in the northern-most permafrost, run by gleeful, brutish engineers who always honor their word.

And Arboria, a massive tree that stretches into the heavens, inhabited by what appears to be a peace-loving down-to-earth society of naturalists...

“Whoever fights monsters should see to it that in the process he does not become a monster. And if you gaze long enough into an abyss, the abyss will gaze into itself.”

Catalyzed perhaps by the rebarbative brutality, senseless suffering, and widespread misery, a ripple in the primeval waters of the cosmos set off the great cataclysm:

To accomplish this vision, we are going back to the roots of game design to deliver a beautiful experience around a compelling and immersive story that accurately reflects the human condition.

Freedom in the Metaverse

Solarbots will be a blockchain-powered Metaverse experience that will offer real opportunities for growth, economic ownership, and value creation; all in a quality multi-faceted game that is both fun to play and reflective of one's own personal search for meaning.

The core principle of this game is that, while being able to extract a motivating reward of in-game tokens from the Solarbots metaverse, players are also free to define what a meaningful experience is to them.

Our ecosystem will give people multiple paths to meaning, where each person can find a role that suits them according to the extrinsic rewards they value most: time spent, fun, enjoyment, the quality of the social experience, etc.

First, we will focus on PvE combat as the main element of gameplay. In due course however, the Solarbots metaverse won't be just for pilots. Crafters, artists, builders, engineers, and explorers will also have a world of real opportunities at their feet.

The Solarbots Ethos

Solarbots Labs won't compromise its vision to deliver a beautiful game. We are well funded and won't rush through development merely to overwhelm players with features they won't have time to explore.

Our ambitious vision doesn't cloud our judgement of what is technically feasible and in what timeframe it can be accomplished. This view is reflected in the different phases of our roadmap, each focusing on one crucial element of the Solarbots metaverse and with a clear metric with which to measure success in said element.

In the first stage, success will be measured by our ability to launch a Genesis Bot sale with assets that people want to own. Shortly thereafter, success will mean shipping a unique MVP combat game that players want to play.

The foundation of long-term success will be expressed by our ability to create a well-balanced token economy that sustains the community, beautiful customizable assets that are pleasant to look at, and engaging gameplay.

Our ultimate goal is to create a metaverse that people want to spend time in because they can play cool games, meet cool people, and build cool things. This will involve laying the groundwork for the rise of communities where players can interact through voice chat in a robust world with plenty of roles for everyone to find fulfilment.

Shoulders

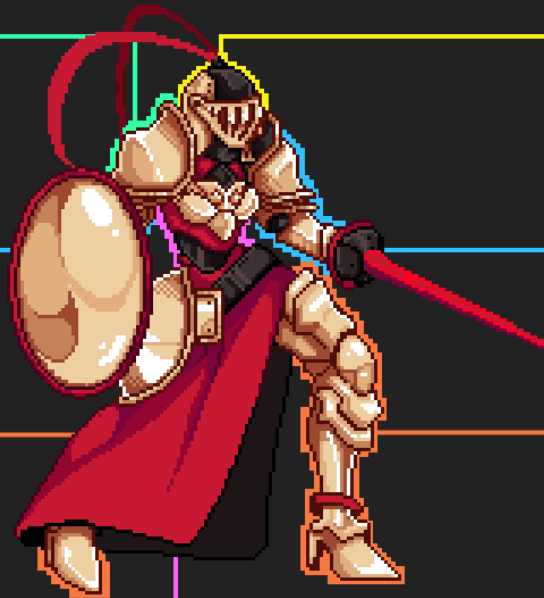
Can add damaging abilities but are primarily used for utility such as crowd control or buffs. Only a single "Shoulder part" can be equipped.

Right Arm

Off hand for utility, defense and minor damage abilities.

Right Leg

Primary contributors to stats such as Initiative and counter-co stats.



Head

Determines the personality/nature and is the primary contributor to the Energy Shield Stat (Shield).

Left Arm

Primary parts used for damage/defense and utility abilities.

Left Leg

Primary contributors to stats such as Initiative and counter-co stats.

Base

The only body part that levels through PvE combat, and is the main source for the Solarbot's Initiative stat.

Gameplay



The PvE Combat component of Solarbots will focus on strategic gameplay with utility combos. This constitutes the main part of the MVP, and the only way to experience the game story through the interactions of each faction with the Monsters of the Abyss.

It will be a turn-based tactical combat where the player controls a team of four Solarbots with the

suggested composition for new players of one Tank, one Healer, two Damage dealers. In accordance with the Solarbots ethos, players are naturally free to discover their own individual styles as they learn and grow. We expect the meta will evolve as we introduce new parts, abilities, and base frames.

Additionally, battles won award a number of Solstones. Since success in PvE Combat relies heavily on the player upgrading their robots to enhance the battle power in the future, there will be another market to explore.

After launching our MVP, we will introduce competitive PvP and an open world style mode with a focus on player-owned land.



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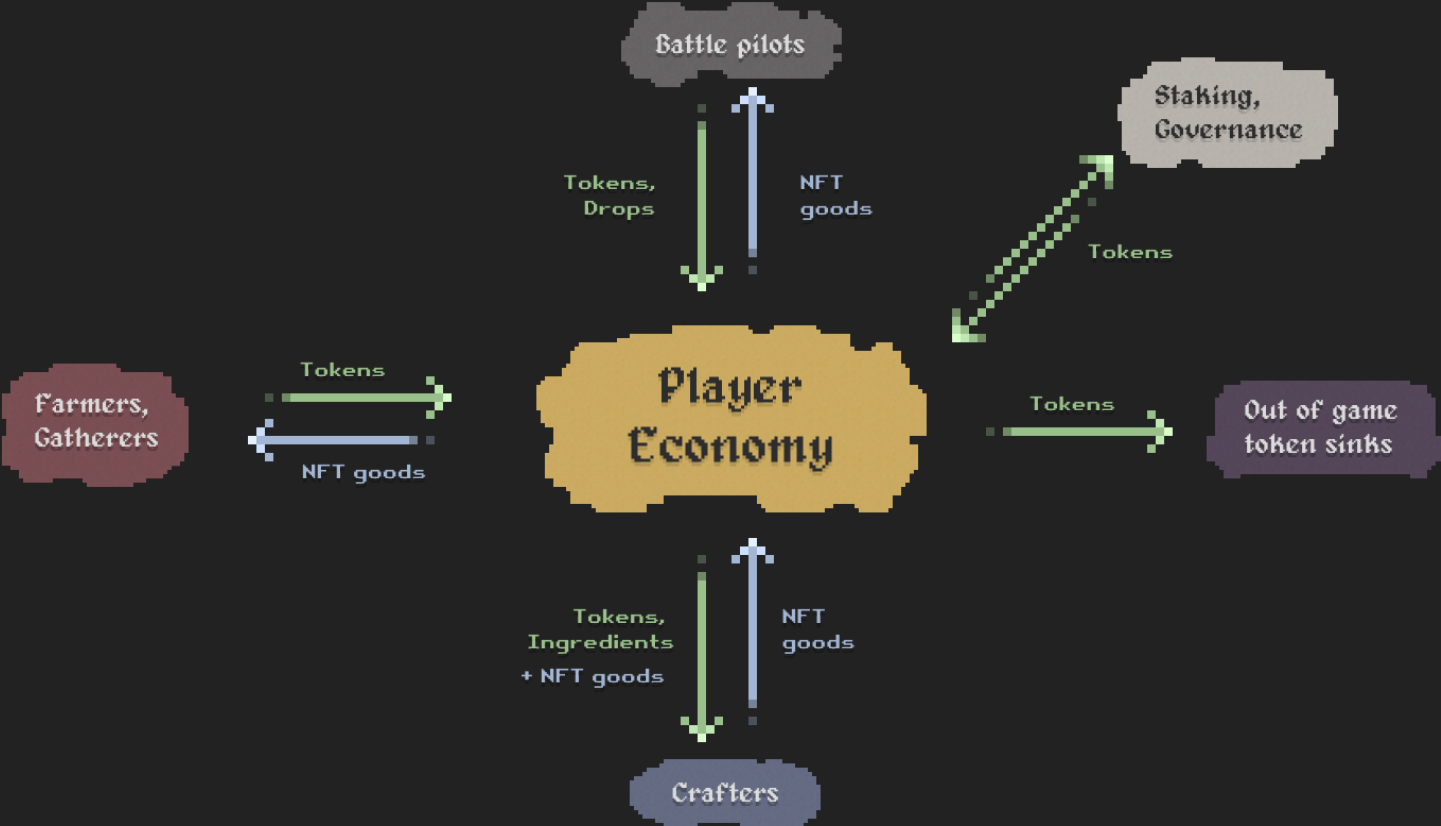
Proof-of-Skill Mining

Instead of solving arbitrary mathematical puzzles like in proof-of-work, this new type of mining allows players to compete with each other as they prove their skills by maintaining a high-rating across a set of complex metrics. The rate at which a pilot can mint the various tokens and NFTs will be determined by the global average of these metrics -- which will be a world apart from the common infinite mint mechanics employed by many P2E games.

Proof-of-skill mining will determine the success and quality of crafting, as well as the afore-mentioned minting rates of utility tokens across all crafting from life skills.

The Foundation will initially control the global mint rates of tokens and NFT drops, which in time may or may not be adjusted via a governance vote.

Game Economy



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Off-Game Burn Mechanisms and Token Sinks

Using the Solarbots as the backbone of this metaverse, we plan to introduce a variety of content and experiences that go beyond the gameplay to further strengthen the robust token economy we're building. The first of these will likely be a variety of Solarbots manga spanning multiple genres which will explore, expand, and ultimately enrich the Solarbots metaverse.

Although these stories will be free to read, they will be released on a dynamic schedule where the people of Eld will be able to burn tokens to anticipate the release of the following chapter, provided a certain threshold is met within the given timeframe. We strive for inclusivity and expect to cater to a variety of tastes such as *shounen* and *slice of life* anime.

As the metaverse grows, we hope to furnish it with additional opportunities to both grind and burn tokens outside of gameplay. The community will undoubtedly play a huge role in determining what these will be. For example, they may decide they'd like to incorporate a deck building board game that brings the lore and game mechanics to board game communities, and maybe even connect that one with the NFT ecosystem and communities. This is but one of a plethora of available options for further broadening of the scope of the Solarbots metaverse.

These additional revenue streams -- whichever they may be -- will naturally be used to potentiate the growth of the project, with a portion of the fees accrued going to the Foundation and another going to the Treasury.

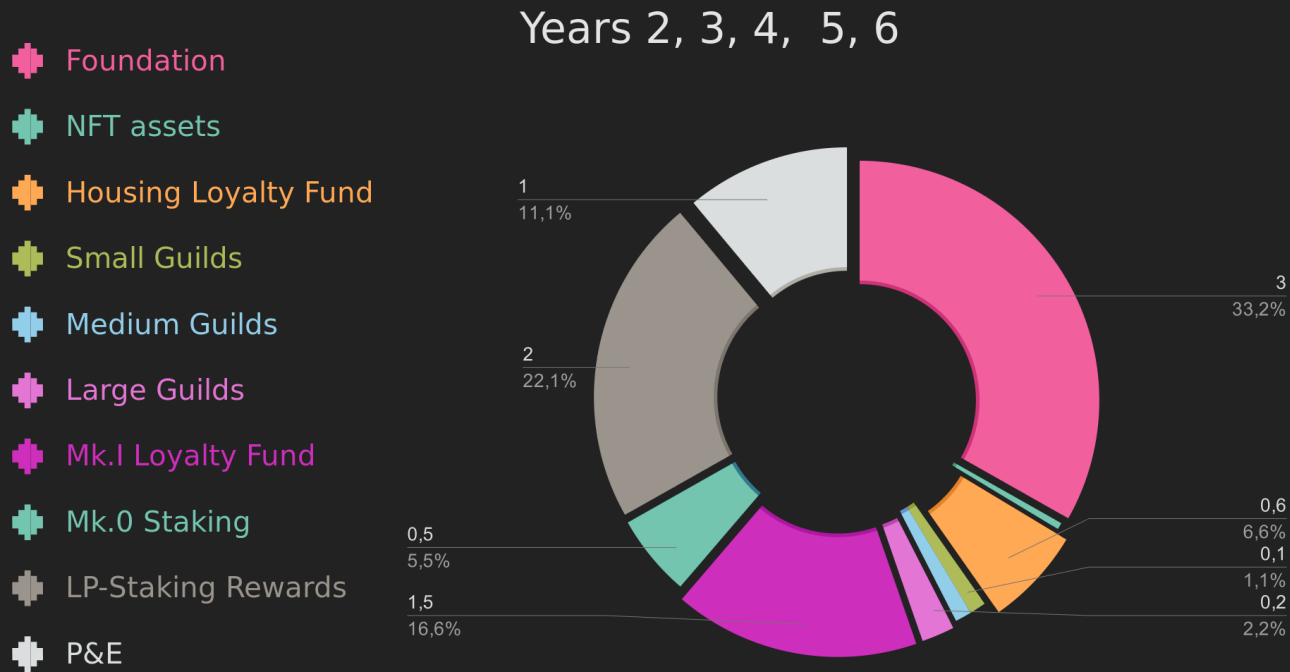
- Housing Loyalty Fund:
 - 6% - 1-year lockup
 - 0.6% released per year.

- Guild Land Loyalty Fund
 - Small Guilds, 30 plots:
 - 1% - 1-year lockup
 - 0.1% released per year.
 - Medium Guilds, 15 plots:
 - 1% - 1-year lockup
 - 0.1% released per year.

 - Large Guilds, 9 plots:
 - 2% - 1-year lockup
 - 0.2% released per year.

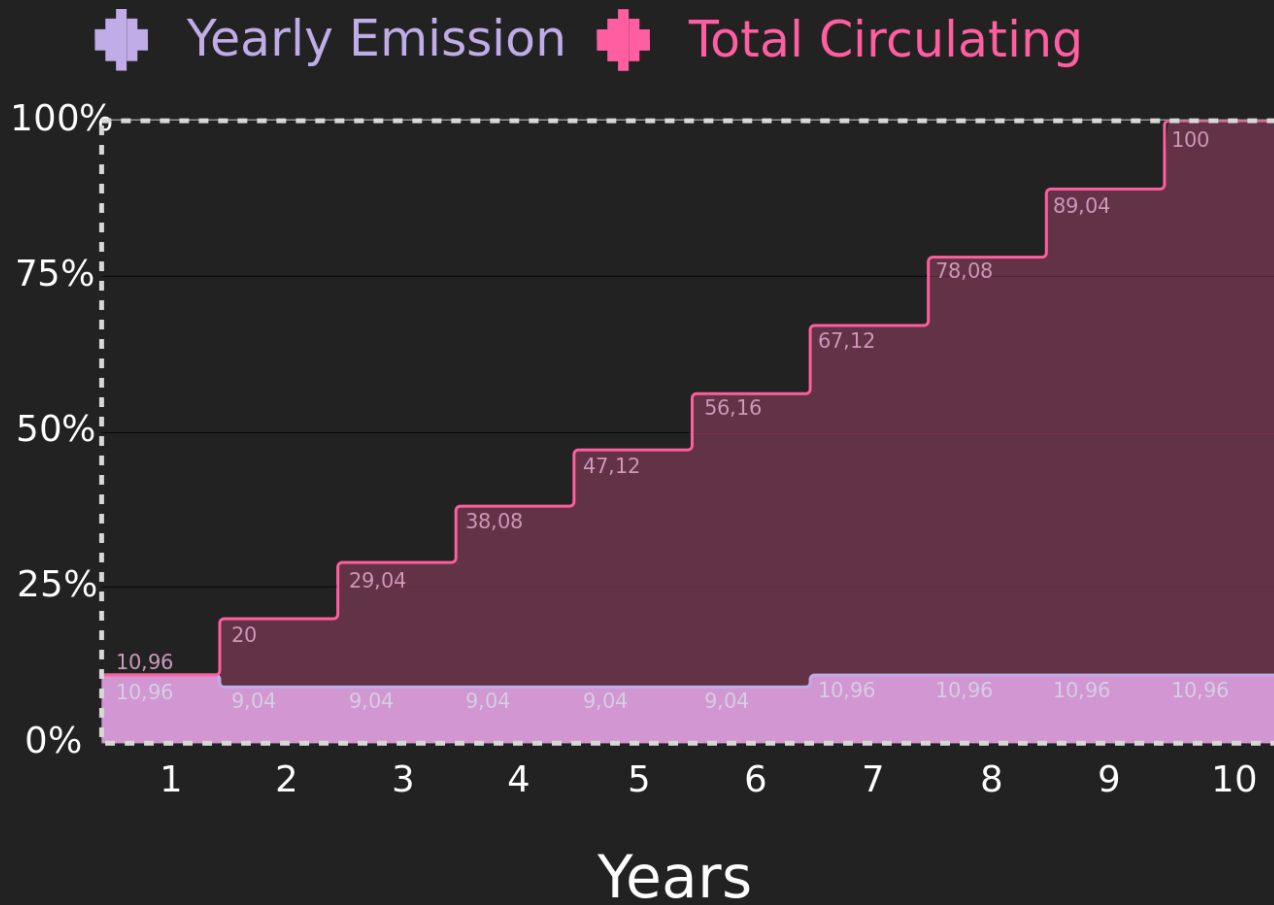
- Mk.1 Loyalty Fund, 40k Solarbots for 0.05 ETH/bot:
 - 10% - 1-year lockup
 - 1% released per year.
- Mk.0 Staking Rewards:
 - 10% - 1-year lockup
 - 1% released per year.
- LP Staking Rewards:
 - 20% - 1-year lockup
 - 2% released per year.
- Play and Earn:
 - 10% - 1-year lockup
 - 1% released per year.

Here's a similar visualization of the token allocation for years 2, 3, 4, 5, and 6:



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And finally, here's a representation of the total circulating supply and linear emission:



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- Each Robot within the team
- Robot body parts
- Building Plots within capital cities
- Furniture
- Items
- Land Plots outside Capital Cities for cultivating resources and multiplayer experiences

Robot body parts and bases are 100% community crafted within the game after Presale, sold and bought in the marketplace. On the other hand, building plots can only be acquired in the Presale and marketplace afterwards. All NFTs other than land will have well thought-out burn mechanisms designed to incentivize Pilots to recycle unused assets to further their professions.

Solarbots Release Roadmap

Mk.0 - nonproduction prototypes:

- 1 of 1 hand crafted uniques, greater aesthetics compared to a Mk.I Void rarity;
- Parts are not replaceable as Mk.0 are a single NFT;
- Abilities and ammo will be swappable via part souls at some time post mvp;
- Some will be auctioned, other will be used for tournament/event prizes, promotions, or for team members

PfP usage;

- These will be continuously created as we introduce new part sets and base types and will be the inspiration for Mk.II/III/IV bots;
- Can be staked just like \$FOA.

Asset Lending

The scarce nature of NFTs that give their holders the possibility to grind in-game tokens makes them highly sought assets. It is often the case that those who'd benefit the most from the rewards these NFTs unlock are precisely the ones who can't afford them.

It's with this in mind that Solarbots Labs will implement a **marketplace for lending Solarbots**. This will effectively create the infrastructure for future scholarship programs and scholars to seamlessly find each other.

This preliminary workflow we've designed lays out the steps:

1. The lender groups bots in teams of four;
2. Selects how long to lend them for;
3. Selects desired revenue split between lender and borrower, possibly with a minimum token yield specified in the listing.

We're also considering instituting a minimum 50/50 split to prevent clearly exploitative working arrangements, but we'll leave the final decision to a governance token vote.

Once the lending listing appears on the marketplace's lending tab, players can scour it to find the right team for them, picking whichever one fits their criteria: whether that's the team's stats, length of arrangement, or revenue split. Once they're satisfied with their choice, all they have to do is borrow the team, play and earn.

The yield would be automatically split and distributed according to the specified terms, with the Solarbots returned to the lender after the conclusion of the lending period.

Although we've aimed to streamline the process, it will still require the team to be manually claimed within a given timeframe, otherwise the borrowing player loses the team and it goes back on the marketplace. Likewise, if no tokens are yielded for a day, the team goes back to the marketplace to find a more suitable borrower.

By protecting both lenders and borrowers, Solarbots Labs will promote fairness and prevent foul play while giving both parties the seamless infrastructure they need to get the yield they both seek.

Disclaimer

Legal Notice and Risk Disclosure

This Legal Notice and Risk Disclosure Statement is provided by Solabots Labs. Any statements and representations made herein, and any use of the tokens issued in our metaverse, shall be subject to this Disclaimer.

Please read this carefully before making any decisions. Both the Tokens and the metaverse are subject to additional terms and conditions which may be amended by us from time to time.

Information and Communications

Our website, our metaverse, and any other information communicated by Solarbots Labs through our whitepaper and communication channels do not constitute an offer to sell, a recommendation or solicitation to buy, sell or hold Tokens or any other assets. Nothing found here or on our website constitutes a recommendation or solicitation to use the Tokens, the metaverse or any related products, services or technologies.

Always make sure to verify that the information that you believe is provided by us is posted or communicated by our authorised representatives. Any and all materials are provided for informational and educational purposes only, and should not be relied upon, either wholly or partially, when making any decision.

Please conduct your own independent research.

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We do not make any warranties or representations of any kind with regard to the Tokens, and we expressly disclaim all warranties and representations relating to the Tokens, whether express or implied, including, without limitation, any implied warranties of merchantability, fitness for a particular purpose, title, and non-infringement. The Tokens are provided on an «as is» and «as available» basis.

There is no guarantee that the Tokens will perform as expected or hold any particular value or price. The Tokens may lose some or all of their value. We do not make any promises with respect to the Tokens, their price, value, supply amount, performance, etc. We cannot and do not influence the price of the Tokens or its performance, and assume no liability to any person for the Tokens, their performance, value or loss in value, the use or inability to use the Tokens.

The Token is not an investment, security, share or equity interest, debt or loan nor a derivative instrument of any of the foregoing. Neither the materials nor anything communicated or provided by us constitutes a prospectus or offering document, or is an offer to sell or solicitation of an offer to buy Tokens or any other asset. Unless otherwise specified, the Tokens do not provide any person with the rights of any type with respect to us or our affiliates, their revenues or assets, including, but not limited to, any voting, distribution, redemption, liquidation, proprietary or other financial or legal rights, nor are the Tokens intended to provide any person with any other rights of any type. The Tokens are not a loan and do not provide any right of ownership or other interest. Unless expressly allowed by us at our discretion, Tokens cannot be received, used, or held by, transferred or sold to, a person which is (i) the subject of economic or financial sanctions or trade embargoes administered or enforced by any country or government, including, but not limited to, those administered by the United Nations Security Council, the European Union, Her Majesty's Treasury of the United Kingdom or Office of Foreign Assets Control of the United States or any other applicable jurisdictions, (ii) located, organised or resident in any country or territory that is the subject of country-wide or territory-wide sanctions, (iii) listed in any sanctions-related list of sanctioned persons, including, but not limited to, those maintained by the United Nations Security Council, the European Union, Her Majesty's Treasury of the United Kingdom or Office of Foreign Assets Control of the United States, (iv) located, organised or resident in Australia, Canada, Cuba, the Democratic People's Republic of North Korea, Hong Kong SAR, the Islamic Republic of Iran, Libya, the People's Republic of China, South Sudan, Sudan (North), Syria, The Crimea, United States of America, any jurisdiction in which the acquisition and/or ownership of Tokens is prohibited by applicable law,

or (v) directly or indirectly owned or controlled by any person or persons described above.

Solarbots Labs would also like to stress that purchases of Solarbots NFTs and/or tokens should not be viewed as investments since all value is assigned by the participants in the Solarbots metaverse.

Platform Usage

The platform is provided on an “as is” and “as available” basis, without warranty of any kind, either expressed or implied, including, without limitation, warranties that the Solarbots metaverse is free of defects, vulnerabilities, merchantable, fit for a particular purpose or non-infringing. Any use of the platform shall be at your own risk. In no event shall we be held liable in connection with or for any claims, losses, damages or other liabilities, whether in contract, tort or otherwise, arising out of or in connection with Solarbots or its operation or use.

Forward-Looking Statements

Alongside this paper, our website and other materials may contain forward-looking statements based on current expectations that involve a number of risks and uncertainties. All opinions, forecasts, projections, future plans or other statements other than statements of historical fact, are forward-looking statements.

Any development plans and projections, business projections, future functionality and projected performance of the Tokens, the Project or us, as well as prospects and the future prospects of any industry, are forward-looking statements. Forward-looking statements by their nature address matters that are, to different degrees, uncertain or unknown. We can give no assurance that any forward-looking statements will prove to have been correct. Actual events, results or outcomes could differ materially from what is stated in the forward-looking statement, and you should not rely on any such forward-looking statement. These risks and uncertainties include the impact of economic, competitive, technical and other factors affecting the Tokens, the Project, us or our operations, including, but not limited to, the following: development of science and technology, development of the industry in which we are in, competition, regulatory uncertainty and government actions, the introduction of new regulations and laws, market changes, the performance of the Tokens, the metaverse or related products, other business and market conditions.

While Solarbots Labs has endeavoured to lay out our vision and proposed strategy to deliver that vision to the best of our abilities, it behooves us to inform you that the information conveyed in this white paper may change as both Solarbots and the market evolve.

No Advice

No part of the Website, the Project or the Materials should be considered to be business, legal, financial, investment, or tax advice, or advice of a broker regarding any matters to which all or any part of such information relates. You should consult your own legal, financial, tax, or other professional advisors regarding any such information.

Acceptance of Risks and No Liability

You must read the Risk Disclosure Statement below, and by accessing or using the Tokens and/or the metaverse you accept all of the listed risks and agree that we shall not be in any way liable for any losses or damages incurred due to or in connection with such risks. You do hereby also acknowledge and agree that both the Tokens and the metaverse may be subject to additional risk disclosure statements that may be amended from time to time.

Risks Disclosure Statement

Risk of Software Weaknesses

Although we make reasonable efforts to ensure that the Tokens, the platform and their related software follow the high-security standards, we do not warrant or represent that they are secure or safe, or protected from phishing, malware or other malicious attacks. Further, they may contain weaknesses, bugs, vulnerabilities, viruses or other defects which may have a material adverse effect on their operation or may lead to losses and damages for you, other users or third persons.

Risk Inherent in the Blockchain

The Tokens, the platform and their related software are or will be deployed on the Ethereum blockchain main network, and later may be deployed on other blockchains. As a result, any malfunction, breakdown or abandonment of such blockchain(s) may have a material adverse effect on the Tokens, the platform or such related software.

Advances in cryptography, or technical advances such as the development of quantum computing, could present risks by rendering ineffective the cryptographic consensus mechanism that underpins the blockchain.

