

# WHITE PAPER

# LIGHT DEFI

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2021



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This document (“**White Paper**”) is for informational purposes only. Please read it carefully to understand how the **Light DeFi** token works.

All references made to the “**Developer**” in this White Paper shall be understood as references to the company responsible for conducting the project related to the **Light DeFi** token (the “**Light DeFi Project**”), holder of all rights and obligations pertaining to the development of the **Light DeFi Project**, which will be incorporated and headquartered in Uruguay, whose capital will be held by the individuals nominated in item 10 of this White Paper.

Before completing any purchase of **Light DeFi** tokens, prospective buyers should research the cryptocurrency market, carefully assess the risks and uncertainties inherent to this market and ensure that they understand all of the information contained in this White Paper. If after carefully reading this White Paper you still have any inquiries or would like any further clarification, you can contact the **Developer** at [[contato@grupolight.org](mailto:contato@grupolight.org)].

This White Paper includes information and predictions obtained from internal research, reports, and studies conducted by the **Developer** on the market and industry, as well as external sources, such as market research conducted by third parties and publicly available information.

The information referred to in this White Paper was obtained from sources deemed reliable, but there can be no guarantee as to its accuracy or completeness.

The **Developer** makes no representations as to the accuracy of the information contained in this White Paper and will not be obligated to provide any updates.

# 1 INTRODUCTION

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Blockchain technology is one of the most promising existing today, ranging from the creation and commercialization of cryptocurrencies to the use of smart contracts.

It is no coincidence that in recent years the cryptomarket has been attracting considerable interest, manifesting itself in innovative solutions for electronic payments and digital storage of values, thanks to an operation format that is decentralized, secure, fast, and involving low (or none) transaction costs.

The cryptocurrency market has already surpassed the market value of icons of the digital economy, such as Facebook and Amazon, having exceeded US\$ 600 billion at the end of 2017. Through the development achieved, it is now possible to register, make payments and even raise funds for companies using this technology.

However, unnecessary uncertainties caused, above all, by the financial impact of its inherent volatility, end up harming the attractiveness of the cryptocurrency market.

To face this, which proves to be one of the main drawbacks in investing in cryptoassets, the **Light DeFi** token brought an intrinsic system that seeks to stabilize its volatility.

The **Light DeFi** token is a unique cryptoasset on the market, conceived from the efforts and experience of a group of investors and supporters of various projects in the crypto world, both on Binance Smart Chain (BSC) and other platforms.

## **2 GENERAL INFORMATION**

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The crypto universe is based on the blockchain technology, which began to be conceived in the 1990s and was finally employed in 2009, with the creation of Bitcoin. In a context where, until then, all financial transactions depended on centralized validation by a bank or a state entity, Bitcoin presented a disruptive alternative, in which the system users themselves validate transactions through encryption process.

Without the need for central regulation and relying on the commitment of its users, Bitcoin grew and was followed by the creation of thousands of new cryptocurrencies, each one with its peculiarities, but all based on the premise of decentralized operation.

Blockchain technology and related technologies continue to develop, leading to the design and implementation of smart contracts, self-executing contracts that work on the blockchain network and, as cryptoassets, operate in a decentralized manner, that is, without the need for a central authority for its implementation.

It was within this universe that tokens were created, a specific cryptoasset that work linked to an existing cryptocurrency platform, such as Ethereum or Binance, to name the most popular ones. These cryptoassets are gaining prominence – in a movement known as tokenization – in this ever-changing market, which, once again, has given rise to new challenges and also new opportunities.

Thus, the **Developer** realized that this was the ideal moment to create the **Light DeFi**, a token that seeks to stand out in this universe with a specific functioning designed to face and solve the challenges that the new reality of tokenization presents.

**Light DeFi** is a token created on the Binance Smart Chain (BSC), which is currently considered the largest crypto broker in the world in trading volume, occupying the third position in the ranking of cryptocurrencies with the largest market capitalization in the world, being second only to Bitcoin and Ethereum. The BSC platform operates using a technology similar to the one used in Ethereum network and has been growing at incredible speed since its launch in September 2020.

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## 2 / GENERAL INFORMATION

The **Light DeFi** token was launched 11 months after the launch of BSC, benefiting not only from the crypto market as a whole, which is growing increasingly in the global economic scenario, but also from the advantages offered by this highly up-and-coming platform.

According to data from CoinMarketCap, there are \$2 trillion dollars capitalized in cryptoassets with an average transaction volume of 112 billion dollars every 24 hours. These values are handled by more than 100 million individual players operating in this market<sup>1</sup>, in addition to nearly 400 brokers (see <https://coinmarketcap.com/charts/>).

It is no longer possible to ignore this reality, both for traditional financial institutions that started to operate in this market and governments that began to look for ways to regulate it.

<sup>1</sup> AVAIBLE ON: <https://markets.businessinsider.com/news/currencies/crypto-users-pass-100-million-boomers-gen-x-bitcoin-btc-ethereum-2021-2>. Viewed: 08/16/2021

### **3 PURPOSE**

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Cryptocurrencies can undergo considerable fluctuations due to the way they are designed and the way the market behaves. This instability can manifest itself in different ways, resulting in multiple effects, inflation being the most common and compromising among them.

This happens because, unlike fiat currency (such as the US Dollar or the Euro), which relies on public control mechanisms executed by government agencies (such as the increase in the base interest rate of the economy by Central Banks, aiming at controlling inflation), cryptoassets have the value that the community attributes to them. Therefore, they are susceptible to factors that hinder its performance, such as inflation.

Although cryptoassets and fiat currencies differ in many aspects, the inflation both may experience bears many similarities. Just as the uncontrolled issuance of currency generates inflation, whenever there is a large supply of certain cryptoasset, its value tends to fall.

This could be due to large quantities of this cryptoasset being issued or mined or due to the sale of large amounts by a single user (the so-called *whale*).

Another effect that can destabilize a crypto asset and hinder its performance is a potential lack of liquidity, which also works similarly in the crypto and traditional market.

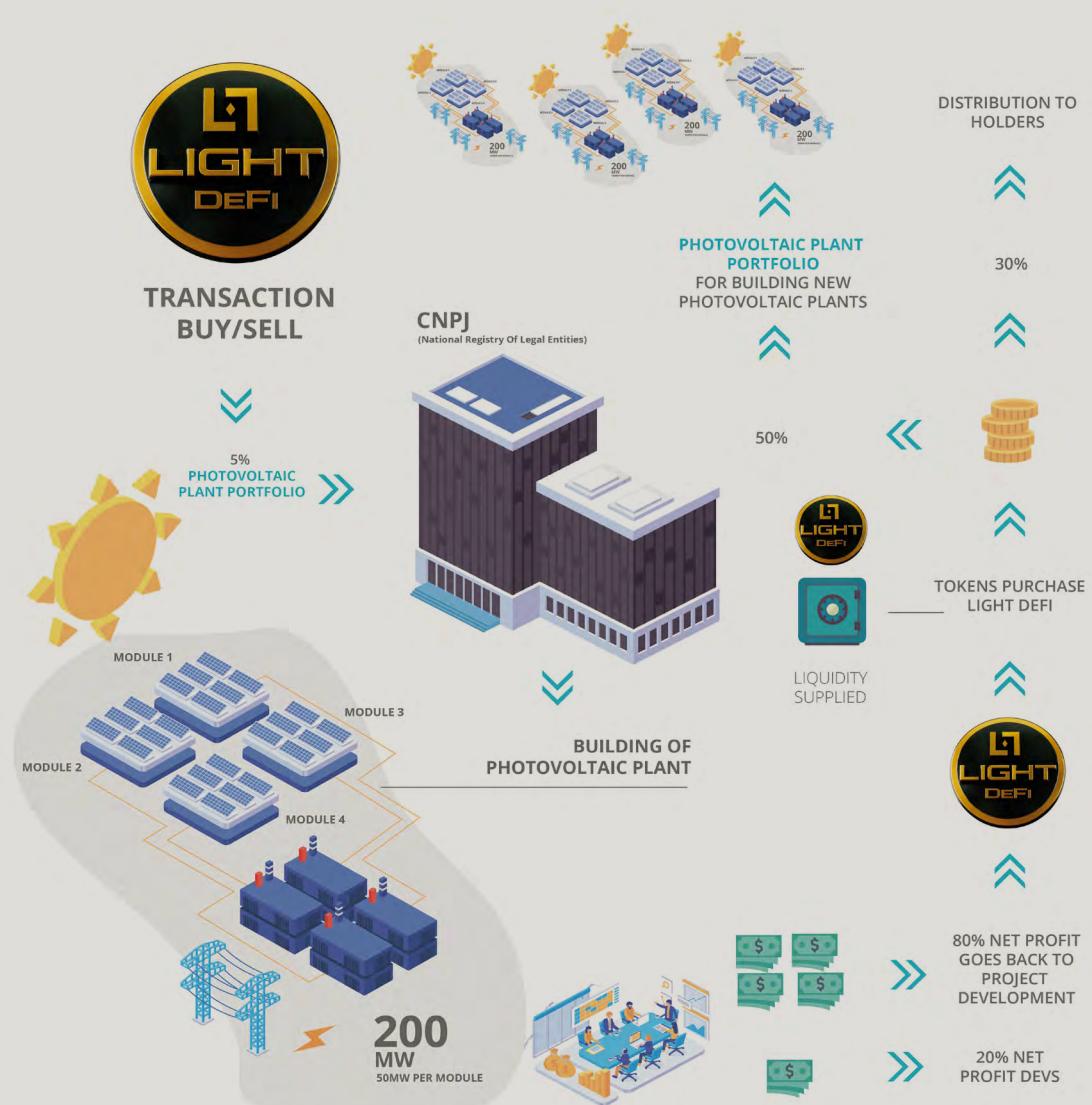
The more easily cryptoassets can be converted into other cryptoassets or fiat currencies, the higher they will be valued. There is not, necessarily, any regulation or centralization in these conversion processes, so it is not always easy to predict the liquidity of a cryptoasset since it depends on its acceptance by the market in general.

Cryptoassets with low liquidity in the crypto market are devalued, as it occurs with assets with low liquidity in the traditional market. However, this happens more intensely in the crypto market due to its specificities.

### 3 / PURPOSE

These instability factors – inflation and illiquidity risks – are nothing new in this environment, and the crypto community has been increasingly committed to seeking solutions for them.

In this context, the **Developer** decided to face the challenges these instability factors represent in the market, so the **Light DeFi** token was conceived and designed to fight them. Through a variety of tools, it embodies mechanisms to promote deflation and increase liquidity (see item 4 below), making the token more stable, safe and attractive.



## 4 TECHNICAL INFORMATION/MECHANISMS

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### ESSENTIAL PREDEFINED FEATURES

**Token name:** Light DeFi

**Token Symbol:** LIGHT

**Token decimal places:** 9

**Total supply:** 10,000,000,000

**Light DeFi** is a token generated by the smart contract 0x842668E2B9A73240aBF-6532DEdC89c9c3e050C98 (the “Smart Contract”) and operated in the Binance Ecosystem.

The **Light DeFi** token has a maximum limit of 10,000,000,000 units and must be purchased through the Smart Contract indicated above upon payment made with another token that uses the BEP-20 protocol (there will be no payment in fiat currencies as the US Dollar or the Euro). The amount paid by the buyer (the “Holder”) in BNBs will be stored in the Pancake Swap, and the buyer will receive the equivalent amount in **Light DeFi** tokens.

The sale process of the **Light DeFi** token by the Holder will follow the opposite path: the **Light DeFi** token units will be transferred by the Holder to the Smart Contract and, in exchange, the Holder will receive its value, at the time of the transaction, in BNBs or other cryptoassets (never in fiat currencies like the Dollar or the Euro).

This buying and selling system, which constitutes the primary market, will operate under a transfer fee of 10% (the “Transfer Fee”), which will be explained below. It is important to emphasize that secondary commercialization (P2P) is also possible.

## 4 / TECHNICAL INFORMATION/MECHANISMS

As mentioned above, the **Light DeFi** token ecosystem embodies mechanisms that make it deflationary and with higher liquidity. These mechanisms are described below:

**(i) Burning:** part of the Transfer Fee paid by the **Light DeFi** token purchaser (which will also be expressed in **Light DeFi** token units) will be allocated to a specific wallet. The **Light DeFi** token units in that wallet will be withdrawn from circulation, promoting a gradual reduction in the number of **Light DeFi** tokens available on the market. The purpose of this mechanism is to neutralize inflationary effects.

**(ii) Anti-Rug Pull:** token liquidity is locked in the DxSale security escrow site<sup>2</sup>. All cryptoassets used in the acquisition of **Light DeFi** tokens and stored in Pancake Swap, except for the cryptoassets corresponding to the Transfer Fees, will be retained so that not even the **Developer** will have access to them. This mechanism is intended to rule out any rug pull by the **Developer**. In other words, all that **Developer** receives is the Transfer Fee.

**(iii) Anti Whale:** the Smart Contract automatically prevents purchase or sale transactions in an amount greater than 10% of the liquidity available at the time of the transaction. In this way, significant acquisitions and conversions, which would be capable of causing large fluctuations in the value of the **Light DeFi** token, are avoided.

**(iv) Gradual conversion of tokens obtained via Transfer Fee:** the Smart Contract does not carry out sudden conversions of **Light DeFi** tokens resulting from the payment of Transfer Fees. This conversion will occur in an automated manner and in line with the flow of **Light DeFi** negotiations, aiming to avoid disproportionate conversions and, consequently, significant fluctuations in value.

<sup>2</sup> **LIQUIDITY LOCK WEBSITE:** [https://dksale.app/app/v2\\_9/dxlockview?id=0&add=0xD2dF59511805C5d832284b81C-fD210CcA122DEF0&type=llock&chain=BSC](https://dksale.app/app/v2_9/dxlockview?id=0&add=0xD2dF59511805C5d832284b81C-fD210CcA122DEF0&type=llock&chain=BSC)

## 4 / TECHNICAL INFORMATION/MECHANISMS

(v) **Proof-Of-Stake:** purchases and sales of **Light DeFi** tokens employ the Proof of Stake consensus mechanism, which uses the number of tokens presented by users as the central criterion to determine which one of them will be the verifier of each transaction. It is a criterion that prioritizes users who have the most significant participation in the token ecosystem and avoids high energy consumption associated with transfers. This mechanism arose as an alternative to Proof-of-Work, a mechanism originating in blockchain networks, which creates competition between validators, concentrating the validation power in the hands of users with more powerful computers and generating much higher energy consumption.

The Smart Contract is being audited by Certik, a world leader in the security analysis of smart contracts. This audit verified all technical and security specifications of the Smart Contract, demonstrating its robustness.

Audit data is available at:  
<https://www.certik.org/projects/lightdefi>.

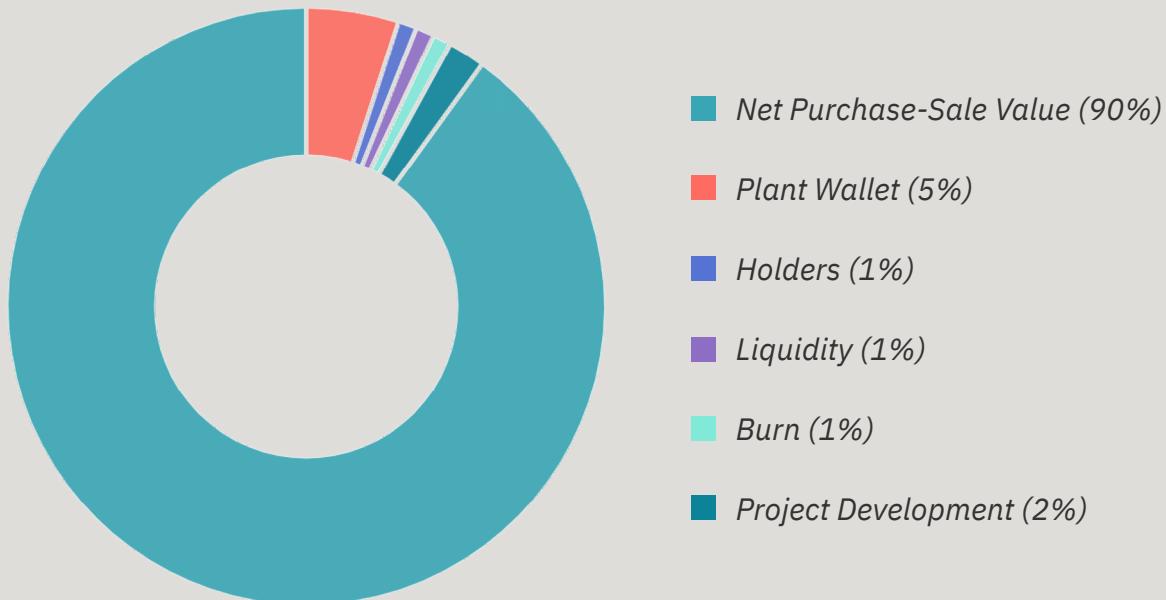
### 4.1. | DISTRIBUTION AND REDISTRIBUTION OF TOKENS

Initially, 10,000,000 **Light DeFi** tokens were generated with an injected liquidity of 30 BNBS, equivalent, on that date, to approximately US\$9,900.00 and €8,400.00. In that first moment, each unit of the **Light DeFi** token was sold for the amount corresponding to 0.000000108 BNB.

All the amount paid (in other cryptoassets) by **Light DeFi** token buyers will be converted into the **Light DeFi** token itself. Each transaction with Light DeFi tokens will bear a Transfer Fee of 10% of its total value, with the remaining 90% being allocated to the buyer's wallet. The Transfer Fee will have the following mandatory destination:

- (i) 2% will be allocated to the **Developer** and used to cover expenses related to the development of the **Light DeFi** Project, including team and marketing compensation;
- (ii) 1% will be kept in Pancake Swap to provide liquidity to the **Light DeFi** token;
- (iii) 1% will be shared among the Holders, in proportion to the number of **Light DeFi** tokens they possess at the time of transfer;
- (iv) 1% will be used for burning: a process that will remove these **Light DeFi** tokens from circulation in order to safeguard its stability;
- (v) 5% will be allocated to the **Developer**, but obligatorily issued by the **Developer** to a specific wallet (the “Plant Wallet”), whose values will be used in a sustainable energy generation project (the “Solar Energy Project”) described in EXHIBIT 1 of this White Paper.

#### Purchase Transactional Fees



## 4 / TECHNICAL INFORMATION/MECHANISMS

With the development of the Solar Energy Project, the establishment of a regular production of sustainable energy is expected which, besides reducing part of the substantial environmental impacts caused by the crypto market, will also generate additional resources that will be injected into the Light DeFi token system, thus returning to the Holders part of the Transfer Fee withheld from each token transaction, thus contributing to its stabilization and valuation.

The positive result generated by the Solar Energy Project will have the following destination:

- (i) 50% will be reinvested in the Solar Energy Project to enable its expansion and increase in the generation of renewable energy;
- (ii) 20% will be allocated to the **Developer**;
- (iii) 30% will be used to acquire and distribute new **Light DeFi** tokens to the Holders in proportion to the number of **Light DeFi** tokens they own. This token reinjection into the system aims to contribute to its stabilization and valorization.

## 5 ROADMAP

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The **Light DeFi Project** progress depends on a series of factors, including the community's adhesion to the **Light DeFi** token and the evolution of the economic-financial feasibility studies still in progress. Given this context, it is essential to understand that this Roadmap may change in the future: phases and objectives may be anticipated or postponed.

- **Q1**
  - . Smart Contract test development
  - . Website development
  - . Social networks creation
  - . Roadmap
  - . White Paper
  - . Introduction of the company in charge of the Light DeFi Project
- **Q2**
  - . Smart Contract audit
  - . Listing in top 15 exchanges
  - . Listing in Coinmarketcap (CMC) and CoinGecko (CGC)
  - . Launch of own exchange
  - . Business partnerships
- **Q3**
  - . Introduction to the Plant feasibility study
  - . Lease/purchase of the Plant real state
  - . Beginning of the implementation of the Solar Energy Project
  - . Hire of an independent audit firm to audit the Developer
- **Q4**
  - . Beginning of energy production generating up to 5MW<sup>3</sup>
  - . Release of production data and financial return
  - . Preparation of the Plant Expansion Project ("Plant 2")
  - . Plant 2 project validation
  - . Beginning of fundraising for the implementation of Plant 2
  - . Release of the updated version of the Roadmap.

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<sup>3</sup> It may vary according to obtaining regulatory and environmental authorizations, as well as the acceptance of the token by the market.

## **6 RESTRICTIONS**

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The **Light DeFi** token is being created on the Binance blockchain, which has a highly decentralized structure, supported by servers located in several countries, and not tied to any specific jurisdiction.

**Light DeFi** tokens should not be purchased by individuals or legal entities resided or domiciled in countries or jurisdictions that occasionally restrict the purchase and sale of tokens or require prior registration with government authorities or other formalities for issuing tokens. Investors wishing to acquire **Light DeFi** tokens must inform themselves about the rules applicable to them. By carrying out the transaction, they are implicitly declaring that they have made this verification and that there are no restrictions applicable to the transaction.

Such restrictions may be revised from time to time, in light of the evolution of laws and regulations relating to tokens, as well as those relating to network infrastructure operators, always considering current conditions.

## **7** WARNING

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Despite the mechanisms described in item 4 above, there is no guarantee of return on the amounts used in the acquisition of the **Light DeFi** token, nor of its appreciation in the secondary market.

The **Light DeFi** token does not grant its Holder any promise, title, right to participate or partnership, privilege, prerogative, preference, or another right, per se enforceable or convertible, in relation to the share capital of the **Developer** or the company that will conduct the Solar Energy Project, nor does it grant voting rights or any other political rights relating to the administration or management of business by the **Developer** or by the company that will conduct the Solar Energy Project.

The possible and uncertain return that a **Light DeFi** token Holder may have as a result of the resale of the **Light DeFi** token in the secondary market will not result from the efforts of the **Developer** or third parties, but rather from the offer-demand relationship freely established by the market.

The **Light DeFi** token is a cryptocurrency like any other and does not represent an investment in a common enterprise for profit purposes. Specifically, the **Light DeFi** tokens destined to the Plant Wallet are deducted from the Transfer Fee, which theoretically could be fully reverted in favor of the **Developer**, like the fees charged in the sale of several other cryptocurrencies. Therefore, the investment in the Solar Energy Project is an investment made exclusively by the **Developer** and not by the Holders. The acquisition of tokens by the **Developer** and their distribution to Holders aim to stabilize and raise the minimum price of the token.

Likewise, the **Light DeFi** token does not have the nature of a means of payment, like fiat currencies.

The Light DeFi token is intended for Internet users with access to the Binance platform, except for users residing and domiciled in countries and jurisdictions whose local laws expressly prohibit the purchase of tokens such as the **Light DeFi** token or that require prior registration with government authorities or other formalities for the issuance and/or acquisition of tokens.

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## 7 / WARNING

The **Developer** may, at its sole discretion and without prior notice, transfer and assign the development rights and obligations relating to the **Light DeFi** token in favor of another company directly or indirectly controlled by the **Developer** or **Developer's** partners, regardless of the jurisdiction in which the assignee has been incorporated.

This White Paper may be updated, from time to time, following the **Developer's** strategic roadmap, although the **Developer** does not have any commitment in this regard. Any updated versions of this White Paper will be made available at [www.lightdefi.org](http://www.lightdefi.org).

## 8 LACK OF REPRESENTATIONS AND WARRANTIES

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- I.** This White Paper aims to describe the **Light DeFi Project**, in the form of information and elucidation about the **Light DeFi** token, not constituting any form of advice, declaration of future intentions, guarantee of success, or even accuracy of information and predictions reflected here. This White Paper is limited to presenting technical and operational data, both on what was conceived and what is intended to be achieved, seeking to bring clarity and transparency to transactions with the **Light DeFi** token, but merely in the form of future projections, that is, expectations, without any guarantee of result.
- II.** In this sense, it is essential to clarify that this White Paper and any other materials or explanations provided by the **Developer** should not and cannot be considered an invitation to invest. In addition, the **Developer** should not and cannot, under any circumstances, be considered a consultant in legal, tax, or financial matters.
- III.** This White Paper is not a prospectus, product disclosure statement, or other regulated offering document and has not been endorsed or registered by any governmental or regulatory authority. The distribution and use of this White Paper, including any related advertising or marketing material, as well as transactions with **Light DeFi** tokens, may be restricted in certain jurisdictions. Thus, it is essential that potential buyers of **Light DeFi** tokens be adequately informed and advised about the applicable laws in their jurisdiction, observing any restrictions that may exist. It should be noted that legal norms and their interpretation, especially with regard to restrictions, undergo rapid and frequent changes.
- IV.** This White Paper will only be available at [www.lightdefi.org](http://www.lightdefi.org). Its redistribution, reproduction, or transfer to any other person or legal entity, as well as the publication, in part or whole, for any purpose, without the prior written consent of the **Developer**, are expressly prohibited.
- V.** The **Developer** has no responsibility or liability to the person or recipient, whether by negligence, false or negligent statement, arising from an idea,

## 8 / LACK OF REPRESENTATIONS AND WARRANTIES

opinion or information, expressed or implied, derived, contained, or omitted from this White Paper. Each recipient must rely solely on his or her own knowledge, investigation, judgment, and evaluation concerning the matters covered by this White Paper.

**VI.** The **Developer** does not guarantee the quality or performance of any technologies, innovations, or activities described in this White Paper. Furthermore, the **Developer** will not have any responsibility for the operation of the technology, or any other methods used for the purposes described in this White Paper.

**VII.** The information included in this White Paper comes from data sources deemed reliable by the **Developer**. However, the **Developer** does not guarantee quality, and does not provide any confirmation or representation as to the accuracy, completeness, and adequacy of such information. The **Developer** reserves the right to re-evaluate opinions reflected herein, which may change without prior notice.

**VIII.** The **Developer** is under no obligation to amend, modify or update this White Paper, nor is it obligated to notify its recipients if any changes in opinions, predictions, or assumptions made herein.

**IX.** While every effort has been made to ensure that the statements of facts made in this White Paper are accurate and that all estimates, projections, forecasts, perspectives, expressions of opinion, as well as subjective judgments correspond to the closest and most concrete expectations, there is no guarantee that such expectations will be met. Any plans, projections, or forecasts mentioned in this White Paper may not be achieved due to several unpredictable risk factors, including technological limitations, legal impediments, market volatility, industry volatility, corporate actions, or unavailability of complete and accurate information.

**X.** Before purchasing **Light DeFi** tokens, you must carefully analyze the associated risks; it is essential to have technical advice, as it is a complex and volatile, high-risk market. There will not be accepted, in any context whatsoever,

## 8 / LACK OF REPRESENTATIONS AND WARRANTIES

any allegations of ignorance regarding risks, negative points, or even personal technical incapacity on the part of Holders or former Holders.

**XI.** The fact that part of the Transfer Fee is destined for the Solar Energy Project does not grant the Holders any right or influence over the organization and governance of the **Developer** or the legal entity that will implement the Solar Energy Project.

**XII.** **Developer** will not be liable for any indirect, special, incidental, consequential, or any other losses, including, but not limited to, loss of revenue or profits, arising out of or in connection with the Holders' acceptance or reliance on information contained in this White Paper.

**XIII.** The **Developer**, its partners, administrators, employees, and representatives will not be responsible for the loss or violation of the password to access the Wallet, whatever the reason that gave rise to such loss or infringement, including, but not limited to, personal failure in maintaining or backing up a registry.

**XIV.** The responsibility for any failures in the purchase and sale transactions of the **Light DeFi** token in the primary market does not lie with the Smart Contract or with the **Developer**, but with the Binance platform, in which the transactions are carried out.

**XV.** The responsibility for purchase and sale transactions of the **Light DeFi** token in the secondary market does not lie with the Smart Contract or the **Developer**, but with the platforms on which the transactions are carried out, whether in Dex or centralized exchanges.

**XVI.** The responsibility for the storage of the **Light DeFi** token does not lie with the **Developer**, since the protocols adopted for security are within the responsibility of the storage service providers.

## 9 RISKS

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Blockchain technology itself poses inherent risks to its structure, still under development. After all, it is a very recent innovation with an abrupt and growing expansion, endowed with unprecedented reach. Thus, it is essential to carefully analyze the risks associated with any transaction based on blockchain technology, such as acquiring cryptoassets, and seek help and advice from specialized professionals.

When buying, owning, using, and transacting with the **Light DeFi** token, you will be subject to risks, which you must fully assume, exempting the **Developer** and its partners, administrators, employees, and representatives from any and all liability for losses and damages arising from them, such as, for example:

**I. General suitability of token purchase:** the purchase of **Light DeFi** tokens is only suitable for people who can assess the merits and risks of such purchase or people who have been professionally advised regarding the purchase of tokens and have sufficient financial resources to support any losses that may arise from such transaction, including the total loss of the value in cryptocurrencies used in the acquisition. Buying tokens should not be regarded as an investment in a financial asset.

**II. Risk of loss of access to tokens due to loss of private key(s), custody, or buyer error:** a private key, or combination of private keys, is required to operate with **Light DeFi** tokens stored in your Wallet or digital safe. The loss of the necessary private key(s) associated with your Wallet or token storage vault will result in losing such **Light DeFi** tokens. Any third party who gains access to such private keys, including through accessing the login credentials of a wallet hosting service you use, may be able to embezzle your **Light DeFi** tokens. Likewise, failure to properly maintain or use such Wallet or vault, including, for example, you providing a wrong address or an address that is not BEP-20 compliant, may result in the loss of your **Light DeFi** tokens. It is also possible that failures in the Wallet itself generate the same result.

**III. Risks associated with the Binance protocol and Pancake Swap:** as **Light DeFi** tokens are based on the Binance protocol, any malfunction, break, or

abandonment of the Binance protocol may have a material adverse effect on the Binance Platform or **Light DeFi** tokens. Furthermore, advances in cryptography or technical advances, such as the development of quantum computing, may present risks for the Binance Platform and **Light DeFi** tokens, rendering the cryptographic consensus mechanism that supports the Binance Protocol ineffective. The Pancake Swap platform, where the **Light DeFi** tokens will be stored, is subject to the same risks, including bugs and invasive attacks.

**IV. Risk of third-party attacks during validation:** as it happens with other decentralized cryptographic tokens based on the Binance protocol, **Light DeFi** tokens are susceptible to third-party attacks during the proof of transactions in the Binance blockchain. Any successful attacks pose a risk to **Light DeFi** tokens, including the accurate execution of transactions and their logging.

**V. Hacker risk and security weaknesses:** hackers or other groups of malicious organizations may attempt to interfere with the Binance Platform or **Light DeFi** tokens in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, Consensus-based attacks, *Sybil attacks, smurfing and spoofing*. In addition, there is a risk that a third party will intentionally introduce weaknesses into the Binance Platform's core infrastructure, which, of course, can negatively affect the Binance Platform and **Light DeFi** tokens. Hackers or other malicious groups may also attempt to gain access to private keys or other access credentials to the Wallet, vault, or other storage mechanism used to receive and maintain **Light DeFi** tokens, which may result in their permanent loss.

**VI. Risks associated with token markets:** the Developer does not participate in any secondary trading or external evaluation of **Light DeFi** tokens. Even though the secondary trading of tokens, in general, and of the **Light DeFi** token, in particular, is facilitated by third parties, such transactions are subject to little or no regulatory supervision, making them more susceptible to fraud or manipulation. Furthermore, to the extent that third parties assign an exchange value to tokens in general and, particularly, to the **Light DeFi** token (for example, as denominated in a digital or fiat currency), this value can be highly volatile and may be reduced to zero.

**VII. Risk of uninsured losses:** unlike bank accounts or accounts at some financial institutions, tokens in general, and the **Light DeFi** token, in particular, are uninsured. Thus, it is vital to keep in mind that, in the event of a loss, there is no public or private insurance organized by the **Developer**.

**VIII. Risks associated with uncertain regulations and enforcement actions:** the statutory and regulatory status of tokens in general and distributed ledger technology is not clear or stable in many jurisdictions. It is difficult to predict how to regulate or how agencies might apply existing regulation (designed for other kinds of assets) with respect to this technology and its applications, including the Binance Platform and **Light DeFi** tokens. It is equally difficult to predict how or whether jurisdictions or regulatory agencies might implement changes in law and regulation that affect distributed ledger technology and its applications, including the Binance Platform and **Light DeFi** tokens. Statutory and regulatory actions may negatively impact the Binance Platform and **Light DeFi** tokens in many ways, including, for illustrative purposes only, determining that the purchase, sale, and delivery of **Light DeFi** tokens constitute unlawful activity, that the launch of **Light DeFi** tokens would be subject to registration or licensing. The **Developer** may recommend that investors in a particular jurisdiction cease their operations if regulatory actions, or changes in law or regulation, make it illegal or commercially undesirable to operate in such jurisdiction.

**IX. Tax risks:** the tax characterization of tokens is still uncertain. Before purchasing tokens, you should seek tax advice, including information regarding withholding taxes and the treatment of tokens on your income tax returns. The amounts in cryptoassets received by the **Developer** with the sale of the **Light DeFi** token may become taxable, adversely affecting the available financial resources and the **Developer**'s ability to achieve its objectives described in this White Paper.

**X. Risk of insufficient interest in the Light DeFi token:** it is possible that the **Light DeFi** token is not used by a large number of individuals, companies, and other entities or that there is limited public interest in creating and developing tokens such as the **Light DeFi** token in a broader manner. Such lack of use or

interest can negatively impact the development of the **Light DeFi** token and, therefore, the objectives pursued with its acquisition.

**XI. Risks associated with the development of the Light DeFi Project:** the **Light DeFi Project** is still under development and may undergo significant changes over time. While the **Developer** intends the **Light DeFi Project** to function exactly as described in this Whitepaper and is prepared to take all commercially reasonable steps to that end, the **Developer** may have to make changes to the **Light DeFi Project** for legitimate reasons. Furthermore, the **Developer** has no control over how other participants will use the **Light DeFi** token or how third-party products and services will use the token (if applicable). This can create the risk that the **Light DeFi** token, as developed and maintained, may not meet your expectations at the time of purchase.

**XII. Risk of an unfavorable fluctuation:** the mechanisms implemented by the **Developer** may not be able to maintain the expected stability of the **Light DeFi** token. In addition to the usual market forces, there are several potential events that could exacerbate the risk of an unfavorable fluctuation in the value of the **Light DeFi** token, including malicious attacks, significant security incidents, or market irregularities at one or more of the major exchanges of cryptocurrencies.

**XIII. Discontinuation risk:** it is possible that, due to several reasons, including, but not limited to, unfavorable fluctuation in the value of the **Light DeFi** token, decrease in its usefulness, failure of commercial relationships or intellectual property challenges, the conduct of the Project **Light DeFi** becomes or proves unfeasible, leading to its discontinuity.

**XIV. Light DeFi is not a governance token:** **Light DeFi** tokens do not confer governance rights of any kind with respect to the **Light DeFi Project**. All decisions involving administration and strategy related to the **Light DeFi Project** will be taken by the **Developer** at its sole discretion, including, but not limited to, performance strategies or even cessation of the **Developer**'s activities. These decisions can adversely affect the **Light DeFi Project** and the usefulness of your owned **Light DeFi** token.

**XV. Regulatory risks:** a variety of federal and state rules, laws, and regulations from several different jurisdictions, including those concerning data protection and privacy, consumer protection, and others, can impact the **Light DeFi Project**. These laws and regulations, and the interpretation or application of those laws and regulations, may change from time to time. In addition, new laws or regulations that affect **Light DeFi** tokens may be created or made more stringent to adversely impact the utility or maintenance of the **Light DeFi Project**. Likewise, any tax change could adversely affect the **Light DeFi Project**.

**XVI. Inherent operational risks:** it is possible that the intended uses of **Light DeFi** tokens will take longer than expected to be achieved. **Light DeFi** tokens are just one product in a highly competitive market, and their widespread adoption by new users, as well as development by technology partners may take longer than expected.

**XVII. Risk of non-adherence/adherence:** the success of the **Light DeFi project** largely depends on the adoption of the **Light DeFi** token by users. Users may not adopt or use the **Light DeFi** token. This lack of use or interest can negatively impact the development of the **Light DeFi Project** and, therefore, its potential usefulness.

**XVIII. Technology risks:** the use of tokens, in general, represents a new capability in emerging technology. As the technology matures, new features can drastically alter the usefulness of **Light DeFi** tokens or the ability to use or sell them.

**XIX. Unanticipated risks:** Tokens are a new and not yet exhaustively tested technology. In addition to the risks included in this White Paper, there are other risks associated to the purchase, possession, and use of tokens in general, such as the **Light DeFi** token, including unpredictable risks. Such risks may materialize as unexpected variations or combinations of the risks discussed in this White Paper.

**XX. Forecasts:** this White Paper and the accompanying documents, which contain forward-looking statements, are based on the **Developer's** current expectations, estimates, and projections about the industry, beliefs, and/or mere assumptions. Words such as "anticipates," "expects," "intends," "plans," "believes," "searches", "estimates," or similar variations are intended to identify such projections, which should not be considered a guarantee of future performance, which is subject to risks, uncertainties and situations that are difficult or impossible to foresee; therefore, actual results could differ materially from those expressed or anticipated in any prediction. The risks and uncertainties include those noted in the "Risks" factors mentioned above. **Developer** undertakes no obligation to update any forward-looking statements, whether due to new information, future events, or otherwise.

## 10 DEVELOPER'S PARTNERS

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**GERMANO SALES**  
CEO



**MATHEUS GARCIA**  
Project Coordinator



**RICARDO NOGUEIRA**  
IT Department



**DANIEL MEDEIROS**  
Business Relationship



**JONATAS PACHECO**  
Legal Department



**LEONEL VIEIRA**  
Creative Department



**ANDERSON VILANO**  
Project Coordinator



**HENRIQUE CORRÊA**  
Project Coordinator

## 11 LEGAL CONSULTING

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Although this White Paper is not subject to the legislation of any specific country, since the launch of the **Light DeFi** token takes place on the Binance Platform, its preparation was supported by the Brazilian law firm BSBC Advogados, with experience in international operations, energy, and technology law.



## 12 GLOSSARY

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In addition to the terms and expressions defined throughout this White Paper, the words and phrases below have the following meanings:

**BEP-20:** BEP-20 is a token standard developed from the ERC-20 to allow anyone to deploy fungible digital coins or tokens in the Binance Smart Chain.

**Binance:** Crypto asset Exchange.

**Binance Smart Chain:** Ecosystem created by Binance for the commercialization of crypto assets.

**Blocks:** A block is the substantial part of the blockchain where some or all of the most recent transactions are recorded, and once completed, it is stored in the blockchain as a permanent database.

**Bitcoin:** Bitcoin is the world's first decentralized currency. This means that, in addition to not being regulated by governments, banks, or companies, you can buy, send and receive bitcoins without the need for a trusted third party such as banks or credit card issuers. This technology was first introduced in 2008 on the discussion forum "The Cryptography Mailing" by a programmer (or group of programmers) under Satoshi Nakamoto's pseudonym.

**Blockchain:** It is a ledger (comparable to the book used in notary offices, in its digitized form), shared and immutable, that facilitates the process of recording transactions and tracking assets in a network . It uses cryptographic technology as the basis for its construction, which can be done without using a central entity.

**BNB:** Cryptocurrency created by Binance and used in the Binance Smart Chain.

**Crypto asset:** Cryptocurrencies, tokens, or other types of assets that can be traded using blockchain technology.

**Cryptocurrency:** Type of decentralized digital currency created in a blockchain network, using advanced encryption systems to ensure more safety in online financial transactions. They are used to buy products or services on the Internet, and transactions can be made by anyone in any part of the world, with no minimum or maximum value .

**Dex:** Crypto asset transactions carried out directly between two users without the intermediation of an exchange or another intermediary.

**Exchange:** A kind of crypto asset broker that can work in a centralized or decentralized way. A business can exchange crypto assets for other crypto assets or even, in some cases, for fiat currency.

**Mining:** Verification process used in the Proof of Work engine to validate transfers using computers to solve complex mathematical problems. Users are rewarded with crypto assets when they successfully mine a block.

**P2P:** Crypto asset transactions carried out directly between two users without the intermediation of exchange or other intermediaries.

**Pancake Swap:** Decentralized Exchange created in the Binance Smart Chain. It allows users to exchange crypto assets using a base of crypto assets created collectively by other users.

**Proof of Work:** Consensus mechanism used to validate blockchain transactions in which different possible validators compete to validate a specific transaction.

**Smart Contract:** Smart Contracts are nothing more than contracts coded and placed in an automatic and autonomous execution database. These computational codes can administer and execute a deal using blockchain technology, such as a set of instructions .

**Token:** Crypto asset created from an existing blockchain.

**Wallet:** This is where you can store your cryptocurrencies. Wallets used on your computer are often called web wallets, and those used on a smartphone and other mobile devices are called mobile wallets.

## ◆ EXHIBIT

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The functioning of the network used in cryptocurrencies mining requires the uninterrupted operation – 24 hours a day – of super-powerful machines whose energy consumption is inordinate . The computing power of the network involved only with Bitcoins is already 100,000 times greater than the 500 fastest computers in the world combined.

Predictions indicate that if the energy amount demanded to maintain the system continues to grow at this pace, it could quickly exceed the amount available for use. Furthermore, excessive energy consumption severely impacts the environment. After all, many countries, such as China, where 75% of the mining process currently takes place, still use electricity produced by fossil fuels such as coal.

The **Light DeFi Project** takes this circumstance into account. In addition to developing a deflationary and volatility control mechanism, in response to problems commonly presented by cryptoassets, it aims, in a secondary manner, to finance the construction of a solar photovoltaic power plant in Brazil (the “Plant”), a country recognized as having one of the most significant renewable energy potential in the world.

To achieve this objective, the **Developer** undertakes to direct 5% of the Transfer Fee it is entitled to regarding the sale of **Light DeFi** tokens to a specific wallet – the so-called “Plant Wallet”.

The Plant will be built and operated by a Brazilian company controlled by the **Developer**, which is still being incorporated in the City of Salvador, State of Bahia, where its head office will be located. The Company’s capital stock will be fully paid up by the **Developer** through the contribution of funds from the Plant Wallet and, at the sole discretion of the **Developer**, from resources from other sources, such as its own resources or from financing contracts (the “Operating Company”).

◆ EXHIBIT

The Plant will have a total capacity of 200MWp, and its construction will be divided into four modules with a capacity of 50 MWp each<sup>4</sup>. In addition, the Plant will have a structure of approximately 850,000 solar panels built in an area of 300 hectares, with a capacity to generate up to 240GWh, an amount of energy sufficient to supply 110 thousand average homes.

The profits that the Operating Company may generate will have the following destination:

- (i) 50% will be reinvested in the Solar Energy Project to enable its expansion and increase the generation of renewable energy;
- (ii) 50% will be distributed to the **Developer** as dividend distribution.
- (iv) The **Developer** will allocate 60% of the dividends referred to in (ii) above (corresponding to 30% of the Operating Company's profits) to the acquisition of **Light DeFi** tokens, to be distributed to Holders, in proportion to the number of **Light DeFi** tokens they own. This reinjection of the token into the system seeks to contribute to its stabilization and increase its value.

As for the implementation schedule of the Solar Energy Project, it is not possible to commit to dates, as its construction and operation depend on the community's adherence to the **Light DeFi** token, since it will be the resources from the Transfer Fee destined to the **Developer** that will make the implementation feasible. The development of the Plant's project and the respective feasibility study are ongoing.

It is reiterated that the conversion of **Light DeFi** tokens that are part of the Plant Wallet will occur automatically and in line with the flow of **Light DeFi** token negotiations, aiming to avoid disproportionate sales and, consequently, large fluctuations in the value of the **Light DeFi** token.

<sup>4</sup> The project foresees a schedule for the delivery of the first module, subdivided into 5 parts, which can also be subdivided into more parts to optimize the application of resources and the financial return.