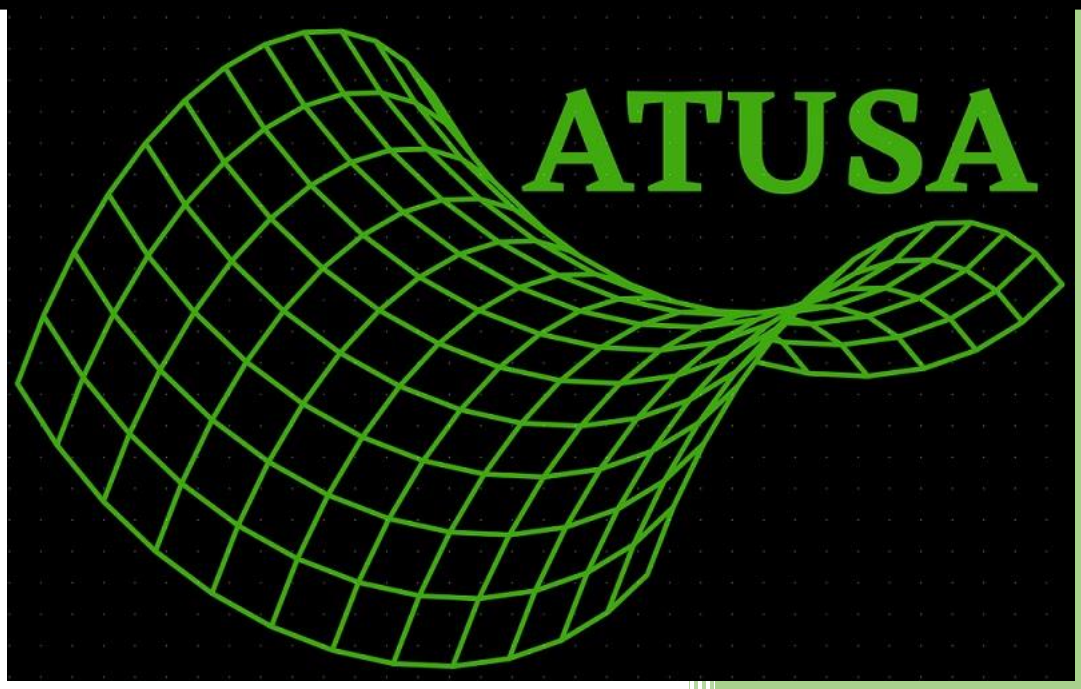
ATUSA Token White Paper



ATUSA Team

01

Introduction

02

Old problems and new future

03

Ecosystem

04

Value & ATUSA Token

05

Roadmap

==========

More Information at:

- Website: www.atusatoken.com
- Telegram: https://t.me/Atusatoken100

01

INTRODUCTION

==========

Make the world clean with sustainable cryptocurrency.

==========

The cryptocurrency was emerged as a peer-to-peer version of electronic cash, facilitating financial transactions without intervening with third parties or requiring a financial institution. As the underlying technology in cryptocurrency, Blockchain is cryptographically secured, and all transactions are publicly and continuously recorded in a distributed ledger. The addition of new transactions occurs in the mining process where machines engage in a competitive process that includes scanning for a value that, when hashed, the hash begins with several zero bits. The finalized block is introduced to the network, and the other nodes can build the next block on top of it. As an incentive, the creator of a block receives the new coins to support the network. The mining process could be performed using either the central processing units (CPUs) or the hardware graphic processing units (GPUs). All types of mining machines need the expense of electrical power for the task of generating hashes. Same as gold, cryptocurrency cannot simply be created arbitrarily, and it requires energy to extract. Digital coins are created through a computational process known as mining, and it has not been issued, endorsed, or regulated by any central bank. Cryptocurrency mining is a costly and challenging activity. Large-scale mining companies must pay to build mining farms capable of vast amounts of processing power, and then the mining process itself requires large quantities of electricity. This project was born to develop sustainability concepts in the cryptocurrency mining process to make clean and environmentally friendly cryptocurrency.

02

OLD PROBLEM
NEW FUTURE

The most significant problem of the 21st century is the global demand for enhanced energy generation and related environmental issues such as local pollution and global warming. In 2016, it was internationally agreed that 2°C of global temperature increase is inevitable. This limit means that the design goals for the energy system must be widened from only concerning technology and economics to including environmental impact, sustainability through its life cycle, constituent materials, and waste products. A significant amount of the energy consumed globally is by cryptocurrency mining systems. Due to fossil fuel resources depletion and the increasing rate of anthropogenic greenhouse gas (GHG) emissions, the possibility of using other prime movers and energy carriers is inevitable. In recent years, the required electrical power for the energy-hungry cryptocurrency mining process has become a controversial topic. The following Figures illustrate the single Bitcoin and Ethereum Transaction footprints, respectively (https://digiconomist.net/).

Single Bitcoin Transaction Footprints

Carbon Footprint	Electrical Energy	Electronic Waste
809.15 kgCO2	1703.47 kWh	78.20 grams
Equivalent to the carbon footprint of **1,793,354** VISA transactions or **134,858** hours of watching Youtube.	Equivalent to the power consumption of an average U.S. household over **58.39** days.	Equivalent to the weight of **1.20** 'C'-size batteries or **1.70** golf balls. (Find more info on e-waste here.)

Single Ethereum Transaction Footprints

Electrical Energy	Carbon Footprint
129.41 kWh	61.47 kgCO2
Equivalent to the power consumption of an average U.S. household over **4.37** days.	Equivalent to the carbon footprint of **136,239** VISA transactions or **10,245** hours of watching Youtube.

The above data clearly illustrates that the cryptocurrency mining process is not clean. Hence, ATUSA aims to develop sustainability in cryptocurrency by performing research in renewables (solar, wind, geothermal, tidal power, and biomass). Moreover, we aim to deploy other engineering methods to reduce energy consumption in the cryptocurrency mining process. To develop the concept of sustainability and using green energy in cryptocurrency, ATUSA aims to hold international conferences, symposiums, and exhibitions to encourage crypto miners and coin developers to consider sustainability in the crypto mining process.

03

ECOSYSTEM

==========

Why is ATUSA seen as the solution?

Who benefits from ATUSA?

==========

Access to modern energy is intrinsically linked with improvements in quality of life. Over the next few decades, increasing populations and rising prosperity will increase demand for homes, businesses, and transportation - and the energy that powers them. Therefore, the trend to further electrify buildings, factories, cars, and buses, along with smart appliances and greater automation, spurs the need for more electricity everywhere. Since a considerable part of the world's energy demand is generated by fossil fuels, increased energy efficiency and a shift to lower-carbon energy sources will help curb CO_2 emissions, but not sufficiently to reach a 2°C pathway. Innovative technology solutions and supportive policies are still needed to achieve society's emissions aspirations. Since cryptocurrency is an energy-hungry industry, ATUSA aims to develop sustainability in cryptocurrency to make it clean and environmentally friendly. Therefore, ATUSA is beneficial for all people in the world. We develop research in green energy sources such as solar, wind, and geothermal energy to generate renewable electricity for the cryptocurrency mining process. Also, ATUSA aims to develop various techniques such as phase change material (PCM) in the cryptocurrency mining process to reduce electrical power consumption as much as possible.

Although sustainability in cryptocurrency is a crucial issue, it has not been seriously taken into consideration. In this context, ATUSA aims to hold international conferences and symposiums throughout the world to develop the concepts of clean energy in cryptocurrency.

All professors, engineers, researchers, blockchain developers, coin creators, and cryptocurrency traders will be invited to these conferences to discuss various aspects of sustainability in cryptocurrency. Making the cryptocurrency environment clean and secure is one of the main ATUSA goals.

Sophisticated researchers will be invited to these conferences to explain their thoughts on green cryptocurrency to lead the industry towards sustainability.

In these symposiums, all coins and tokens will be invited to demonstrate their achievements in sustainability in cryptocurrency.

04

VALUE & ATUSA TOKEN

==========

ATUSA token is a BSC token launched on the Binance Smart Chain in June 2021. ATUSA is a deflationary token, meaning there are virtually no gas fees and almost instantaneous swaps. ATUSA rewards holders for encouraging steadier price action. The ATUSA society will be involved in the deployment of the project; each member will be able to discuss their ideas. The ATUSA token main goal is to make the ATUSA society that uses this token in the transactions. In the ATUSA realm, all transactions will be done by ATUSA token. In these circumstances, not only a modern community will be available for the customers, but also all ATUSA holders will receive a reward due to holding this token.

Presale

To avoid a pump and dump situation, the presale is capped at a limit of only 0.5 BNB per person. This plan minimized having whales at the very beginning of the project. We have a total supply of 1 quadrillion ATUSAs, and the presale rate was 0.1 BNB for 10 million ATUSA tokens.

Tokenomics

ATUSA token will reward you for holding it without having to stake it manually. Just sit back, relax, and watch your ATUSAs automatically increase! All transactions in ATUSA society will be done by ATUSA token (considering a considerable discount for using ATUSA token), and you'll receive your reward due to holding ATUSA token. Each transaction triggers a 6% fee, where 4% is redistributed to all the current holders in proportion to their current holdings. Moreover, 1% will be added to the pool, and 1% will be burned for life, thus decreasing the total supply of the token, making it scarcer over time. This inversely proportional relationship constitutes a supply and demand model. There is also no limit as to how many tokens can be burnt. For three years after launching the token, a certain number of tokens will be burnt manually. This strategy is beneficial and rewarding for the long-term holders. The total number of ATUSA burned will be announced on the website, which allows for further transparency in identifying the current circulating supply at any given point in time.

Protocol Initialized

Initially, the ATUSA token will be launched at PancakeSwap. Our team will actively work to finalize the legal paperwork with other exchangers (e,g. Bitmart and Whitebait) to make it available for all users. The target is to list ATUSA at five exchangers by the end of 2023.

Liquidity Pool (LP)

The added LP creates stability from the supplied LP by adding the tax to the overall liquidity of the token, therefore increasing the tokens' overall LP and supporting the price floor of the token. As the ATUSA token LP increases, the price stability mirrors this function with the benefit of a solid price floor and cushion for holders. The main target here is to prevent the larger drops when whales sell their ATUSA tokens later in the game, which keeps the price from fluctuating. This method helps to minimize the troubles in the current DeFi reflection tokens.

05

ROADMAP

ATUSA token has been built for a sustainable world to provide a better platform for people to trust one another, work better together, and find a solution for global issues. ATUSA is a transparent, secure platform that draws a scenic scenery of the future and changes people's attitudes to work and business interaction. In this attractive world, people have control over their token assets and how they transact or interact. In the ATUSA society, all transactions will be performed by ATUSA tokens. Our targets for the first year are as follows:

Stage 1 - 2021

- Tokens Launch
- Website Launch
- 1,000 Holders
- 1,000 Telegram Members
- Community Marketing Fund
- Marketing Campaign
- PancakeSwap Listing
- CoinGecko Listing

Stage 2 - 2021

- Growth
- 3,000 Telegram members
- Website redesign
- 2,500 Holders
- Listing in one exchanger
- Work on First International Symposium

Our targets for the first four years are as follows:

First Year (2021-2022)

- Listing ATUSA to at least five exchangers.
- Holding two symposiums about cryptocurrency and sustainable energy. In these symposiums and exhibitions, several sophisticated researchers, engineers, economic experts, professors, and coin creators will be invited to discuss sustainability in cryptocurrency.
- Design and development of the first ATUSA recreational complex in California, USA.

Second Year (2022-2023)

- A certain amount of the ATUSA tokens will be burnt.
- We aim to develop cryptocurrency symposiums throughout the world. We will hold four cryptocurrency conferences in North America, Europe, Middle East, and Southeast Asia.
- Lunching ATUSA wallet.
- The first ATUSA recreational complex will be unveiled.
- Design and development of the first ATUSA residential complex in Texas, USA. This modern complex is a green communication where most of the required electrical energy will be generated by solar energy.

Third year (2023-2024)

- ATUSA hardware wallet will be unveiled.
- A certain amount of the ATUSA tokens will be burnt.
- ATUSA Blockchain will be unveiled.
- The lack of a comprehensive rule is one of the most critical issues in the cryptocurrency realm. Besides the energy issue in cryptocurrency, we will focus more on research and development of how to make the cryptocurrency realm safe and reliable in the conferences and symposiums.
- Continue working on the ATUSA green residential complex.

Fourth Year (2024-2025)

- Finishing the ATUSA green residential complex.
- Design and development of the first ATUSA Hotel. Same as ATUSA residential complex, renewables will generate the required electrical power for this hotel.
- Holding conferences and symposiums about various issues in the cryptocurrency realm throughout the world.

ATUSA SOCIAL MEDIA

Thank you all for reading. Hope everyone will accompany and develop the project. If you have any good and useful ideas for the community, please email atusa@atusatoken.com.

We promise to answer everyone's mail.