



# ETHICOIN

## THE ETHICAL REVOLUTION



UNLEASH THE POTENTIAL  
OF ETHICAL CRYPTO



ETHICOIN IS MAKING A DIFFERENCE WITH 1% OF EVERY TRANSACTION GOING TOWARDS CHARITY INITIATIVES IN NIGERIA, INCLUDING THE DONATION OF 100 BILLION ETHICOINS TO SUPPORT WOMEN'S SHELTERS, ORPHANAGES, AND COMBAT CHILD MORTALITY. WITH THE ISSUANCE OF THIS WHITE PAPER, ALL PRECEDING VERSIONS ARE HEREBY RENDERED NULL AND VOID.

JOIN THE MOVEMENT FOR ETHICAL BEHAVIOR IN FINANCE



# Discover Ethicoins

## Abstract:

Join the Ethicoins (BEP-20) movement and be part of the drive towards a financial system that prioritizes transparency and accountability. Ethicoins, a peer-to-peer cryptocurrency built on the BNB Chain (formerly known as the Binance Smart Chain), utilizing the BEP-20 token standard, aims to empower projects that align with our unwavering commitment to integrity and social responsibility.



## Introduction:

In today's world, the demand for a more transparent and accountable financial system has never been greater. Ethicoins (BEP-20) represents a transformative solution, providing a decentralized platform on the BNB Chain (formerly known as the Binance Smart Chain), supporting and promoting initiatives that share ethical values. By embracing Ethicoins (BEP-20), individuals and organizations can actively contribute to fostering integrity and social responsibility within the crypto space.



# Why Ethicoins?



## Transparency and Accountability:

Ethicoins (BEP-20) prioritizes transparency as a core principle. Leveraging the advanced infrastructure of the BNB Chain, every transaction and operation conducted on the Ethicoins (BEP-20) network is recorded on an immutable public ledger, ensuring complete transparency for all stakeholders. This unprecedented level of visibility instills trust and confidence, allowing users to verify the integrity of the ecosystem.



## Promoting Ethical Projects:

One of Ethicoins (BEP-20)'s primary objectives is to support projects that share our ethical values. By investing in Ethicoins (BEP-20), individuals directly contribute to a fund dedicated to these projects, promoting positive social impact and responsible practices. Ethicoins (BEP-20) holders can take pride in knowing that their participation fuels the growth of initiatives that aim to make a genuine difference in society.



## Security and Efficiency:

Built on the BNB Chain (formerly known as the Binance Smart Chain), Ethicoins (BEP-20) leverages its advanced technology to provide a secure and efficient platform for transactions and smart contract functionality. The BNB Chain's high throughput and low fees ensure that Ethicoins (BEP-20) users can transact swiftly and cost-effectively, enabling widespread adoption and accessibility.



# Why Ethicoin?

## Minimize the environmental impact:

Cryptocurrency mining, especially for Bitcoin, is known for consuming a high amount of energy, which can have a significant environmental impact. At Ethicoin, we are committed to minimizing the environmental footprint of our operations. We achieve this by implementing various strategies. In response to the global challenges posed by the COVID-19 pandemic, there has been a growing focus on transforming economies and societies towards greater resilience, inclusivity, and sustainability. As part of these efforts, the Ethicoin token project aims to align with the goals of fostering positive change.

**Social Impact:** Ethicoin is driven by a strong social mission to create positive change. By leveraging blockchain technology and the power of decentralized finance, Ethicoin aims to promote financial inclusion, empower underserved communities, and contribute to poverty eradication.

**Transparent and Trustworthy:** Transparency and trust are paramount in the Ethicoin ecosystem. By utilizing blockchain technology, all transactions and operations are recorded on a public ledger, ensuring transparency and accountability. This fosters trust among participants and helps prevent fraud or manipulation.

**Sustainable Growth:** Ethicoin is committed to sustainable growth and long-term value creation. By implementing mechanisms that discourage short-term speculation and promote responsible investing, Ethicoin aims to build a robust and stable ecosystem that benefits its stakeholders over time.

**Ethical Standards:** Ethicoin adheres to a set of ethical standards in its operations. This includes prioritizing environmental sustainability, promoting social responsibility, and upholding principles of fairness and inclusivity. Ethicoin strives to set an example for responsible and ethical cryptocurrency projects.

In summary, Ethicoin sets itself apart by prioritizing social impact, transparency, community engagement, sustainable growth, and ethical standards. By aligning with these principles, Ethicoin aims to contribute to a more inclusive, resilient, and sustainable global economy.



# Fee Structure Overview

## Liquidity Fee: 2%

The liquidity fee allocates 2% of each transaction towards the liquidity pool. This helps maintain sufficient liquidity for trading activities when buying or selling tokens.

## Reflection Fee: 5%

The reflection fee redistributes 5% of each transaction among token holders. Holders receive these tokens proportionally, providing an incentive to hold and earn additional tokens over time. secure, and flexible platform for developers to build decentralized applications and projects.

## Marketing Fee: 5%

5% of each transaction is dedicated to marketing efforts. These funds support campaigns, promotions, and partnerships to boost token awareness and adoption. Ethicoins has made the strategic decision to eliminate the Developer Fee, previously set at 1% of transactions, redirecting it towards charitable endeavors. Henceforth, 1% of every Ethicoins transaction will be channeled towards initiatives addressing the critical issue of child mortality during childbirth in Nigeria, facilitated through our designated charity wallet.



# Unleash the Potential of Ethical Crypto

Ethicoins is not just a digital asset, but a symbol of a future where ethics and transparency take center stage in finance. With the power of blockchain technology, Ethicoins provides innovative solutions to global problems like financial exclusion, lack of trust, and environmental degradation. Be a part of the ethical revolution and discover the limitless possibilities of Ethicoins.

- Empowering Underserved Communities
- Transforming the Future of Payments
- Transparent Charitable Giving
- Transforming the Ethics of Cryptocurrency

For more information on Ethicoins, please visit <https://www.ethicoins.org/>

If you have any questions, please don't hesitate to contact us at [office@ethicoins.org](mailto:office@ethicoins.org).



# Philosophy

In response to the global challenges posed by the COVID-19 pandemic, societies and economies are undergoing a transformative shift towards greater resilience, inclusivity, and sustainability.

The Ethicoin token project aligns itself with these goals and aims to foster positive change. At Ethicoin, our philosophy is rooted in promoting a positive impact on the economy and society.

We recognize the environmental impact associated with cryptocurrency mining, particularly in the case of Bitcoin, which consumes a substantial amount of energy. To mitigate this, we are fully committed to minimizing the environmental footprint of our operations. We actively implement various strategies and initiatives to reduce energy consumption and promote sustainability.

Another core aspect of our philosophy is advancing financial inclusion. We believe in providing access to digital financial services to underbanked communities, empowering individuals who have traditionally been excluded from conventional banking systems. By bridging this gap, we contribute to a more inclusive and equitable financial landscape. Transparency and accountability are paramount values that underpin our mission.

We prioritize these principles to ensure that our operations and practices are fully transparent, allowing stakeholders to have visibility and trust in our processes.

We are dedicated to maintaining the highest level of accountability to build a foundation of trust among our community.

The philosophy of the Ethicoin token project embodies a holistic approach towards positive societal and economic change.

Through our commitment to minimizing environmental impact, advancing financial inclusion, and prioritizing transparency and accountability, we strive to create a better future for all.



# The Design

## Transferability:

Ethicoins can be easily transferred from one user to another within the BNB Chain network.

## Fungibility:

Ethicoins are interchangeable with other tokens of the same type, ensuring their value is the same regardless of their individual history.

## Security:

Ethicoins' smart contract code has been tested and verified to ensure it is secure against common attacks, such as reentrancy and front-running.

## Customization:

Ethicoins can be customized to meet the specific needs of a particular project or application.

## Automation:

Ethicoins' smart contract code is designed to automate processes, reducing the need for manual intervention and improving efficiency.

## Scalability:

Ethicoins can be used in large-scale applications and can be easily integrated with other decentralized systems.



# Roadmap

## Token Deployment:

-June 2024: 1 Trillion Ethicoin (ETHIC+) tokens have been deployed on the BNB Chain .

<https://bscscan.com/address/0x3072fe601074c1a6fa55b95c8b3da94b2ce7bd75#code>

-Ethicoin eliminates Developer Fee, redirecting 1% of transactions to charity initiatives addressing child mortality in Nigeria. Additionally, Ethicoin donates 100 Billion tokens to support women's shelters, orphanages, and combating child mortality, demonstrating its commitment to philanthropy and social responsibility.

## Next: Partnerships and Integrations

-Forging partnerships with financial institutions, exchanges, and payment gateways to integrate Ethicoin into their services.

## Community Expansion:

-Collaborating with prominent influencers and industry experts to promote Ethicoin and increase its adoption.

-Launching educational initiatives to inform the community about ethical investing and sustainable practices.

-Introducing a referral program to incentivize users to invite others to join the Ethicoin ecosystem.

## Token Burn (2025):

-Approximately one year after reaching the first milestone, a manual token burn will take place to contribute to scarcity and maintain stability.

-The token burn will remove a portion of Ethicoin tokens from circulation, reducing the overall supply and potentially increasing the token's value.

Please note that the updated roadmap provided is a general plan and may be subject to adjustments based on market conditions and community feedback.



## Our Squad

At Ethicoin, we are backed by a team of seasoned professionals with extensive experience in the financial industry.

Our team brings a wealth of knowledge and expertise to the table.

Our team members have spent many years working in various roles within the finance sector, including banking, investments, and regulatory compliance. We have witnessed firsthand the evolution of the industry and understand its complexities. This deep understanding allows us to navigate the ever-changing landscape with confidence and precision.

We have dedicated ourselves to staying at the forefront of technological advancements, ensuring that our platform harnesses the full potential of decentralized finance. By leveraging our expertise, we are able to create innovative solutions that streamline processes and enhance security within the crypto space.

But it's not just our technical knowledge that sets us apart. We also place a strong emphasis on compliance and regulatory standards. We recognize the importance of adhering to legal frameworks and industry guidelines to ensure the trust and confidence of our users. Our team is well-versed in the regulatory landscapes.

We are driven by a shared mission: to revolutionize the financial industry through the power of blockchain technology and ethical practices.

Together, we are shaping the future of finance, paving the way for a more transparent, inclusive, and sustainable ecosystem.

Join us on this exciting journey as we redefine the boundaries of traditional finance and build a brighter future for all.



# Ethico Conclusion

Ethico, deployed on the BNB Chain with an impressive token supply of 1 trillion, revolutionizes the cryptocurrency landscape. Its fee structure supports liquidity, rewards token holders, and fuels marketing initiatives, while also addressing the pressing issue of environmental impact.

In contrast to energy-intensive Bitcoin mining, Ethico prioritizes minimizing its ecological footprint. Leveraging blockchain technology, Ethico ensures transparency, security, and accountability while significantly reducing energy consumption. This progressive approach distinguishes Ethico as an environmentally conscious cryptocurrency.

Recognizing the transformative potential of global challenges like the COVID-19 pandemic, Ethico remains committed to resilience, inclusivity, and sustainability. By empowering underserved communities, promoting financial inclusion, and contributing to poverty eradication, Ethico drives positive change in the financial landscape.

Transparency and community engagement are fundamental to Ethico's ethos. Through decentralized governance, token holders actively participate in shaping the project, fostering trust and preventing fraud. The sustainable growth model discourages speculation, promoting responsible investing and long-term value creation.

Upholding ethical standards including environmental sustainability, social responsibility, fairness, and inclusivity, Ethico sets a new standard for cryptocurrency projects. It serves as an example of how the digital revolution can align with ethical principles and contribute to a sustainable and just global economy.

In summary, Ethico is a powerful force for positive change, driven by social impact, transparency, community engagement, sustainable growth, and ethical standards. Each transaction paves the way for an inclusive, resilient, and sustainable future. Join the Ethico revolution and be part of the movement!



# Ethicoins BEP20 Token Smart Contract

**SafeMath Library:** The code includes the SafeMath library, which is a commonly used library to prevent arithmetic overflow and underflow in Solidity contracts. It provides functions for safe addition, subtraction, multiplication, and division operations.

**BEP20 Interface:** The code defines the interface for the BEP20 token standard. It includes functions such as `totalSupply`, `decimals`, `symbol`, `name`, `getOwner`, `balanceOf`, `transfer`, `allowance`, `approve`, and `transferFrom`. These functions are part of the standard BEP20 interface and are required to be implemented by the IblisCoin contract.

**Auth Contract:** The Auth contract appears to define an access control mechanism. It includes functionality for contract authorization, ownership transfer, and modifiers for `onlyOwner` and `authorized access`.

**IDEXFactory Interface:** The code includes the interface for the IDEXFactory contract. This interface declares the `createPair` function, which is responsible for creating a liquidity pair between two tokens on a decentralized exchange (DEX).

**IDEXRouter Interface:** This interface defines the functions and variables related to interacting with a decentralized exchange (DEX) router. It includes functions for adding liquidity between two tokens, swapping tokens for tokens, and swapping tokens for ETH.

**IDividendDistributor Interface:** This interface defines the functions that will be implemented by the DividendDistributor contract. It includes functions for setting distribution criteria, setting the share of a shareholder, depositing funds, and processing dividends.



# Ethicoins BEP20 Token Smart Contract

**DividendDistributor Contract:** This contract implements the IDividendDistributor interface and provides functionality for distributing dividends to token shareholders. It includes a Share struct that stores information about the amount of tokens held by a shareholder, the total excluded tokens (tokens that are not eligible for dividends), and the total realized tokens (tokens that have been paid out as dividends).

**Contract Variables:** The code declares several contract-level variables, including the IBEP20 token contract instance (RWRD), the WBNB address, the IDEXRouter instance (router), an array of shareholders, and several mapping variables to keep track of shareholder data.

**Share Struct:** The Share struct represents the information related to each shareholder, including the amount of tokens held, the total excluded tokens, and the total realized tokens.

**Dividend Distribution Variables:** The contract includes variables to keep track of total shares, total dividends, total distributed dividends, dividends per share, and a dividends per share accuracy factor. These variables are used in the dividend distribution calculations.

**Modifiers:** The code includes two modifiers: initialization, which ensures that certain functions are only called during the initialization phase, and onlyToken, which restricts access to certain functions only to the token contract.

**Constructor:** The constructor initializes the DividendDistributor contract and sets the router address. It also sets the \_token variable to the address of the contract that deploys the DividendDistributor.

**Distribution Criteria:** The setDistributionCriteria function allows the token contract to set the minimum distribution period and minimum distribution amount for dividends.



# Ethicoins BEP20 Token Smart Contract

**Share Management:** The `setShare` function allows the token contract to set the amount of shares held by a shareholder. It checks if the shareholder already has shares and distributes any pending dividends. It also adds or removes shareholders based on the amount of shares held.

**Deposit:** The `deposit` function allows the token contract to deposit tokens into the `DividendDistributor` contract. It swaps the deposited ETH for the dividend token (RWRD) using the `IDEXRouter`'s `swapExactETHForTokensSupportingFeeOnTransferTokens` function.

## Contract Variables:

**RWRD:** Represents the `IBEP20` token contract instance with the address.

**WBNB:** Represents the address of the `WBNB` token.

**router:** Represents the `IDEXRouter` instance, which is responsible for handling token swaps and liquidity management.

**shareholders:** An array that stores the addresses of the token shareholders.

**Mapping Variables:** The code includes mapping variables to keep track of specific data related to shareholders, such as their index in the `shareholders` array and their claim amount.

## Share Struct:

**Share:** A struct that represents the information related to each shareholder. It includes the amount of tokens held (`amount`), the total excluded tokens (`totalExcluded`), and the total realized tokens (`totalRealised`).

## Dividend Distribution Variables:

**totalShares:** The total number of shares distributed among the shareholders.

**totalDividends:** The total amount of dividends accrued.

**totalDistributed:** The total amount of dividends already distributed.

**dividendsPerShare:** The amount of dividends per share.

**dividendsPerShareAccuracyFactor:** An accuracy factor used to calculate the dividends per share.



# Ethicoins BEP20 Token Smart Contract

## Modifiers:

**initialization:** A modifier that ensures certain functions can only be called during the initialization phase.

**onlyToken:** A modifier that restricts access to specific functions to the token contract.

## Constructor:

The constructor initializes the DividendDistributor contract and sets the router address. It also sets the `_token` variable to the address of the contract that deploys the DividendDistributor.

## Distribution Criteria:

The `setDistributionCriteria` function allows the token contract to set the minimum distribution period and minimum distribution amount for dividends.

## Share Management:

The `setShare` function allows the token contract to set the amount of shares held by a shareholder. It checks if the shareholder already has shares and distributes any pending dividends. It also adds or removes shareholders based on the amount of shares held.

## Deposit:

The `deposit` function allows the token contract to deposit tokens into the DividendDistributor contract. It swaps the deposited ETH for the dividend token (RWRD) using the `swapExactETHForTokensSupportingFeeOnTransferTokens` function from the router.



# Ethicoins BEP20 Token Smart Contract

## Mapping Variables:

**isFeeExempt:** Maps addresses to a boolean value indicating if the address is exempt from fees.

**isTxLimitExempt:** Maps addresses to a boolean value indicating if the address is exempt from transaction limits.

**isTimelockExempt:** Maps addresses to a boolean value indicating if the address is exempt from timelocks.

**isDividendExempt:** Maps addresses to a boolean value indicating if the address is exempt from dividends.

## Fee Variables:

**liquidityFee:** The percentage of the transaction fee allocated to liquidity.

**reflectionFee:** The percentage of the transaction fee allocated to reflection (redistribution to holders).

**marketingFee:** The percentage of the transaction fee allocated to marketing.

**devFee:** The percentage of the transaction fee allocated to development.

**totalFee:** The total transaction fee percentage, calculated as the sum of liquidityFee, reflectionFee, marketingFee, and devFee.

**feeDenominator:** The denominator used to calculate the fee percentage.

## Other Variables:

**sellMultiplier:** A multiplier applied to the fee for sell transactions.

**autoLiquidityReceiver:** The address that receives the auto-generated liquidity.

**marketingFeeReceiver:** The address that receives the marketing fee.

**devFeeReceiver:** The address that receives the development fee.

**targetLiquidity:** The target liquidity percentage.

**targetLiquidityDenominator:** The denominator used to calculate the target liquidity percentage.

**router:** The IDexRouter instance used for routing swaps.

**pair:** The address of the token pair (created using the IDexFactory).

**tradingOpen:** A boolean indicating whether trading is open or not.

**distributor:** The DividendDistributor contract instance.

**distributorGas:** The amount of gas limit to use for dividend distribution.



# Ethicoins BEP20 Token Smart Contract

**buyCooldownEnabled:** A boolean indicating whether a buy cooldown is enabled.

**cooldownTimerInterval:** The interval in seconds for the buy cooldown timer.

**cooldownTimer:** Mapping of addresses to the timestamp of their last buy transaction cooldown.

**swapEnabled:** A boolean indicating whether swapping is enabled.

**swapThreshold:** The threshold value for triggering an automatic swap.

**inSwap:** A boolean indicating whether a swap is currently in progress.

## Constructor:

The constructor initializes the contract and sets various initial values and addresses. It sets the router address, creates a token pair using the `IDEXFactory`, sets the distributor contract instance, sets exemption statuses for certain addresses, and sets the initial balances for the contract owner.

## ERC-20 Functions:

The code includes various ERC-20 functions such as `totalSupply`, `decimals`, `symbol`, `name`, `getOwner`, `balanceOf`, `allowance`, `approve`, `approveMax`, `transfer`, and `transferFrom`.

## Fallback Function:

The fallback function is defined to receive ETH when the contract receives a direct transfer.

## Token Transfer Functions:

**\_transferFrom:** Internal function for transferring tokens between addresses. It includes various checks and conditions such as trading status, blacklisting, max wallet limit, cooldown between trades, and fee calculations.



# Ethicoins BEP20 Token Smart Contract

## Settings and Configuration Functions:

setMaxWalletPercent\_base1000: Sets the maximum wallet token limit as a percentage of the total supply.

setMaxTxPercent\_base1000: Sets the maximum transaction amount as a percentage of the total supply.

setTxLimit: Sets the maximum transaction amount directly.

set\_sell\_multiplier: Sets the sell multiplier for fee calculations.

tradingStatus: Switches the trading status (open or closed).

cooldownEnabled: Enables or disables cooldown between trades and sets the cooldown interval.

enable\_blacklist: Enables or disables the blacklist mode.

manage\_blacklist: Manages the blacklist by adding or removing addresses.

setFees: Sets the various fee percentages (liquidity fee, reflection fee, marketing fee) and fee denominator.

setFeeReceivers: Sets the addresses to receive the fees (auto liquidity receiver, marketing fee receiver).

setSwapBackSettings: Sets the swap-back settings, enabling or disabling swapping tokens for ETH.

setTargetLiquidity: Sets the target liquidity and denominator for determining if the liquidity is over- or under-allocated.

setDistributionCriteria: Sets the criteria for the dividend distribution.

setDistributorSettings: Sets the gas limit for the dividend distributor.

setIsDividendExempt: Sets whether an address is exempt from receiving dividends.

setIsFeeExempt: Sets whether an address is exempt from paying fees.

setIsTxLimitExempt: Sets whether an address is exempt from transaction limits.

setIsTimelockExempt: Sets whether an address is exempt from the buy cooldown.

multiTransfer: Allows the contract owner to perform a multi-transfer of tokens to multiple addresses in one transaction.

multiTransfer\_fixed: Allows the contract owner to perform a fixed amount multi-transfer to multiple addresses in one transaction.

## Other Functions:

clearStuckBalance and clearStuckBalance\_sender: Used to transfer any remaining BNB balance stuck in the contract, primarily for marketing and the contract owner.

swapBack: Internal function to swap tokens back into ETH and distribute fees.

## Events:

AutoLiquify: Event emitted when auto-liquidity functionality is triggered.



REVOLUTIONIZING ETHICS IN CRYPTO



ETHICOIN



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THE ETHICAL REVOLUTION

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