

# WASTEBRIDGE PROTOCOL

## Abstract

Wastebridge Protocol is the first environmental NFT, waste exchange and sustainable investing platform. Environmental organizations, but also individuals with a green project in mind will be able to use our platform, promote their campaigns and complete eco-projects powered by Wastebridge holders, regardless of size and region. Our sole goal is to bring crypto investors together and help environmental organizations and individuals mitigate the climate crisis.

Apart from our environmental NFT platform, our project aims to launch the Wastebridge exchange. This is a waste exchange, where industrial, waste management and recycling companies will be able to buy and sell waste at the best possible prices, but also browse through our platform for various local and international business opportunities. Essentially, we are aiming to reshape the waste management market with the integration of blockchain technology. Users of the exchange will be primarily industrial and waste management companies all around the world, while the token used for transactions on the platform will be Wastebridge/\$WASTE.

This project is the extension of the waste management market, but if you put this on a global scale, this is an entirely new market. Throughout the world, there are many industrial companies with excessive waste, and what we want to achieve is help these companies accelerate their waste management procedures. Our platform will be the gateway for industries to make profit off of their waste.

We aim to be the only platform our global users will need to turn their waste into profit.

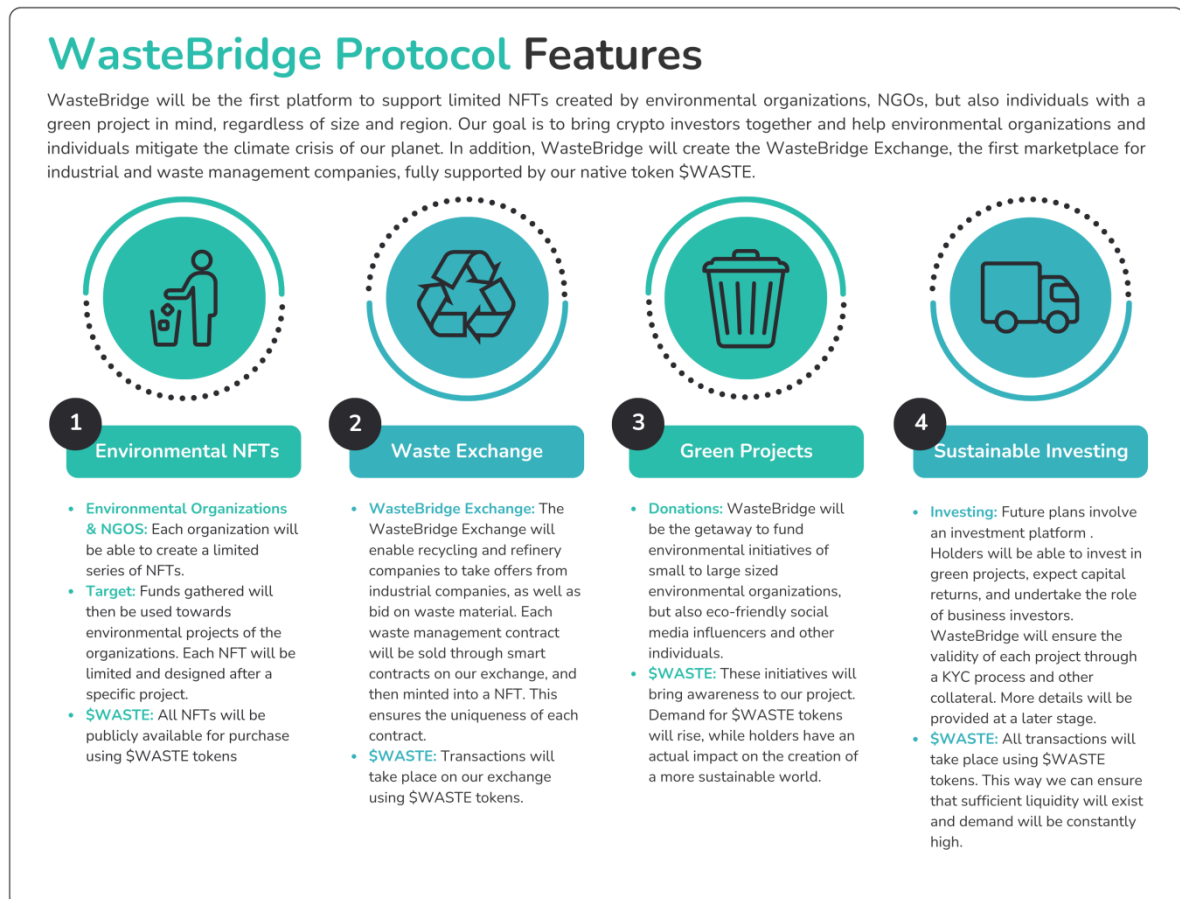
## Community Use cases & Environmental Organizations

WasteBridge consists of community based use cases, which will be implemented from the first day of operations. From the very start, we aim to partner with global well-established environmental organizations. Each environmental organization will be able to create a limited amount of NFTs, designed according to the project's goal. These NFTs will then be sold through our NFT platform. The total amount collected by the sold NFTs will then be used by the environmental organizations in order to complete their project. This way environmental organizations will be able to complete green projects, and bring an added value not only to \$WASTE, but also to our world.

These NFTs will be publicly available for purchase using \$WASTE tokens, without the requirement of a user being registered on our platform.

Furthermore, we will start collaborating with Non-Governmental Organizations (NGOs), in order to further promote our goals as a project. Wastebridge will be the gateway to fund

environmental initiatives of small to large sized NGOs, environmental organizations, but also social media influencers and other individuals. Funding green initiatives will bring awareness to our project without the need to pay high marketing fees. All these initiatives will boost \$WASTE and keep the demand high, while holders have an actual impact to a more sustainable world. Also, rewards to holders for recycling initiatives will be implemented as soon as beta testing of our platform is completed.



## Problem

The world generates 2.01 billion tonnes of municipal solid waste annually, with at least 33% of that—extremely conservatively—not managed in an environmentally safe manner. Worldwide, waste generated per person per day averages 0.74 kilogram but ranges widely, from 0.11 to 4.54 kilograms. Though they only account for 16% of the world’s population, high-income countries generate about 34%, or 683 million tonnes, of the world’s waste.

When looking forward, global waste is expected to grow to 3.40 billion tonnes by 2050, more than double population growth over the same period. Overall, there is a positive correlation between waste generation and income level. Daily per capita waste generation in

high-income countries is projected to increase by 19% by 2050, compared to low- and middle-income countries where it is expected to increase by approximately 40% or more.

Waste generation initially decreases at the lowest income levels and then increases at a faster rate for incremental income changes at low income levels than at high income levels. The total quantity of waste generated in low-income countries is expected to increase by more than three times by 2050.

The East Asia and Pacific region is generating most of the world's waste, at 23%, and the Middle East and North Africa region is producing the least in absolute terms, at 6%. However, the fastest growing regions are Sub-Saharan Africa, South Asia, and the Middle East and North Africa, where, by 2050, total waste generation is expected to more than triple, double, and double respectively. In these regions, more than half of waste is currently openly dumped, and the trajectories of waste growth will have vast implications for the environment, health, and prosperity, thus requiring urgent action.

Industrial waste makes up to half of the amount of waste that our world generates each and every year. Only 1% of all plastic products are recycled every year, as are only 1% of all aluminum products. 40% of all industrial waste ends up in landfills every year. By-products of industrial activity account for 50% of all the industrial waste that is produced globally each year. The largest component of industrial waste is actually paper products.

So, the takeaway here is that although the chemicals and hazardous by-products of industries are what grab the headlines when it comes to industrial waste, nearly one-third of the products that industry wastes are paper-based and very recyclable. This means that we need to give industries a strong incentive to do more to recycle. This is where Wastebridge will step in.

## **Solution**

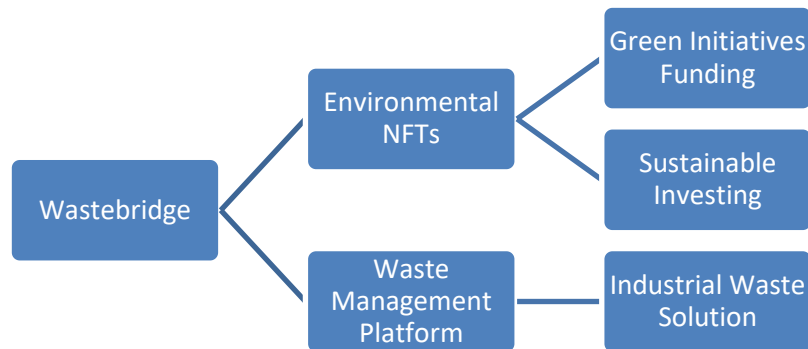
Wastebridge offers a creative solution to industries, environmental organizations and individuals to rethink how they can intensify their efforts towards a more profitable and effective recycling model, by leveraging waste material and introducing the \$WASTE token. From funding green projects to creating our own waste management platform.

NFT's are "non fungible", meaning that each one and each set of NFTs minted are absolutely unique unto themselves, similar to a unique piece of waste material management contract or a funding stake. With just a few clicks, users can easily buy or sell any type of waste material through smart contracts, which will then be minted into NFTs. These NFTs will be "minted" using blockchain technology, which transforms waste material into unique stores of value that can be easily bought, sold and traded worldwide.

Thanks to Wastebridge's proprietary platform technology, Wastebridge has been able to fully streamline the process of using smart contracts on its platform, creating NFTs and managing \$WASTE tokens, which allows for even amateur users to easily navigate the web

app. Because \$WASTE tokens have been created with utility in mind, they can be used to easily trade on the platform with zero fees, potentially saving users millions of dollars per year that would otherwise be spent interacting through other distribution channels.

Wastebridge is an all-encompassing waste material management ecosystem, which thrives off of user engagement, and is built to create online communities incentivized to protect planet earth and lift each other up.



## Wastebridge Token / \$WASTE

\$WASTE will be used as the main token for transactions on the Wastebridge exchange. \$WASTE will follow the BEP-20 standard to ensure its full compatibility with the Binance Smart Chain.

## Token Metrics

**Token Name:** WasteBridge, **Symbol:** WASTE, **Max Supply:** 10,000,000 \$WASTE, **Total Supply:** 9,000,000,000 \$WASTE, **PCS Liquidity:** 100% locked until 2024.

Platform: 40%, Liquidity 20%, Sale: 20%, Marketing: 7%, Team: 13%.

## Token Sales

The distribution of \$WASTE token includes private sales, as well as a presale on DxSale. All tokens which have been reserved in private offering will be linearly vested for a total of 4 months at 25% per month, with the first release following shortly after our presale. Unsold tokens will be burned, while 20% of minted but unsold tokens will be reserved for future exchange listings.

Investors who take part in our presale offering will receive 100% of their tokens immediately following the presale procedure.

Direct Listing Price: \$0.00001, Circulating Supply: 9,000,000,000 \$WASTE, Initial Market Cap: \$100K, Locked Liquidity: 100%

## **The Wastebridge Exchange**

The Wastebridge exchange will enable recycling and refinery companies to make offers to industrial companies, in order to bid on waste material. Transactions will take place through our \$WASTE BEP-20 token.

Each waste management contract will be sold as a smart contract on our platform, and then minted into NFTs. This ensures the uniqueness of the contract being sold. Transparency of every transaction is a key element to this procedure.

## **User Experience**

When a user first visits our web application, they will be greeted with the latest hot listings on the WasteBridge platform. A non-registered user will also have the ability to browse the platform, use different search filters and view all waste listings, but without any detailed specifications. A non-registered user will not be able to visit a user's profile and see their waste management listings.

### **Sign Up/ Sign In**

Every user will be able to sign up on the platform with an email address. Other sign up and sign in methods, like password-less authentication/ SMS authentication/ Google Auth/ Apple ID etc will also be present, although this is a subject to be discussed.

In order to complete a sign-up form, the user will need to fill the necessary fields and post proof of identity. KYC guidelines ensure that a financial service provider makes the effort to verify the identity, suitability, and risks involved with maintaining a business relationship.

A registered user will have the option to either create a new listing, or buy or sell one of the available waste material listings. The ability to bid on a waste listing will be available strictly on our platform, and transactions will be executed through smart contracts and using \$WASTE as the payment method.

Non registered users will still be able to buy environmental NFTs and participate in green projects without a KYC procedure taking place.

Additionally, users will have the ability to save listings of their choice to their private watch list. In addition, users will have the ability to view the transaction history, withdraw and deposit address, amount and date of each transaction. The option to download each transaction as a PDF file will also be available. The option to support different types of files can also be implemented.

## **\$WASTE on Wastebridge Ecosystem**

Users will be able to purchase NFTs directly from our platform using \$WASTE. Moreover, sustainable investing will be an option, but it will be implemented at a later stage, as well as community rewards for recycling and green initiatives. In order to participate, users will need \$WASTE tokens.

Waste producing companies will be able to list their waste material in a few clicks. They will need to have the necessary amount of \$WASTE tokens to pay the total amount of each waste management contract, as well as any potential fees necessary for each transaction.

On the other hand, waste management companies will be able to search for waste management listings on our platform, sort the listings by amount of views, newly added, tonnage etc and bid their asked amount of \$WASTE tokens.

Our platforms will also give the ability to its users to swap a BEP-20 token to \$WASTE through a built-in decentralized app, meaning that a user will be able to swap BNB (Binance token) to \$WASTE without having to use another exchange or DeFi application.

The decentralized swap application will need for a user to either be signed in to our platform or connect their wallet using a DeFi wallet like MetaMask etc. Through these features we can provide a user friendly and simple way to buy and sell waste waste material via smart contracts and blockchain technology.

Our aim is to ensure that WasteBridge brings added value to our planet, protects and makes it a better place for the future generations. We are the bridge between the crypto sphere and our planet, together we rise, divided we fall.

## **RoadMap**

### **September '21**

- Marketing Campaign
- Deployment of
- Creation of liquidity pair
- Launch DEX aggregator

### **October '21**

- List on Coingecko & CMC
- Code Audit
- Official Partnerships with NGOs and environmental organizations
- Exchange Listings

## **November-December '21**

- Wastebridge NFTs Platform
- Wastebridge Exchange Beta Launch
- Further Exchange Listings
- Donations & Further Partnerships

## **2022**

- Wastebridge Wallet & Swap
- Wastebridge Card
- Sustainable Investing Features launch
- Official Wastebridge Exchange launch.