



The PLASTIK Token Whitepaper

PLASTIK Token operating under the crypto as service agreement with VirtuaBroker Solutions, a Lithuanian Corporation with Crypto License number 306285107.

December 2024



Index

1. **Overview:** MiCA Compliance as a Key Driver
2. The Problem
3. The Solution
4. Who is Plastiks?
5. Mission Statement
6. Business Model
7. Market Opportunity
8. Methodology and Technology
9. The Plastic Credit
10. The Plastiks Token
11. Planned DeFi Strategy
12. Conclusion

1. Overview: MiCA Compliance as a Key Driver

The token is operating under the crypto as a service agreement signed with VirtuaBroker Solutions, a Lithuanian Corporation with crypto exchange license number 306285107.

MiCA (Markets in Crypto-Assets Regulation) is the European Union's initiative to create a harmonized regulatory framework for crypto-assets, providing consistency and oversight to a rapidly evolving market. MiCA's main goals are:

- To protect consumers from fraud.
- To ensure market integrity.
- To maintain financial stability.

To accomplish these objectives, MiCA focuses on tokens that are fungible, traded on secondary markets, and used as investments or payment methods. MiCA brings several types of crypto-assets under its regulatory umbrella, including:

- Asset-Referenced Tokens (ARTs)
- E-Money Tokens (EMTs)
- Utility Tokens

MiCA's scope primarily covers fungible assets used in trading and payment, while currently excluding NFTs (non-fungible tokens) that are unique and not exchangeable on a one-for-one basis. However, MiCA's framework is forward-looking, meaning it is adaptable to new forms of crypto-assets as they emerge.

Plastiks was created as a green tech company dedicated to verifying and certifying large-scale plastic recovery and recycling from the environment. The company systematically drives circularity to significantly reduce plastic pollution in our vital ecosystems through a groundbreaking financial instrument, a digital product created by the company's own methodology and technology: the Plastic Credit which is designed for transparency and traceability.

This document is an overview of Plastiks platform and its use of the Plastiks token traded on various centralized exchanges thanks to the crypto as a service agreement with VirtuaBroker Solutions Ltd.

2. The Problem

Plastic pollution is a critical environmental issue with severe impacts on ecosystems and human health. Global plastic production has reached 460 million metric tons annually, and projections from the OECD estimate that this figure could nearly triple by 2060. However, only about 9% of plastic waste is recycled globally, with the majority ending up in landfills, being incinerated, or leaking into the environment, perpetuating harmful effects on both ecosystems and human health ([OECD](#)).

Global plastic recycling rates are quite low, especially compared to other materials. In Europe, around 30% of plastic waste is recycled, although some countries in the region have more ambitious goals. For example, by 2025, 25% of the content in PET bottles is expected to be

recycled, with a broader target of recycling 50-65% of plastic packaging by 2040 ([Issuu](#), [Abiplast](#)).

Globally, low recycling rates are driven by factors such as the large-scale production of virgin plastics from fossil fuels, which perpetuates a waste cycle that harms both the environment and human health ([La Lista](#)).

The waste exportations from developed countries to the third world, which lack waste management infrastructure, add up to global mismanagement, leading to diseases and microplastics that harm the environment and our health.

To tackle plastic pollution, many countries are introducing stricter laws. These include bans on single-use plastics, greenwashing, increased recycling targets, and incentives.

3. The Solution

Plastiks is turning the problem into a circular economy solution by leveraging technology as a tool for transparency and tracking.

4. Who is Plastiks?

Plastiks is a green tech company dedicated to verifying the recovery and recycling of plastic from the environment, enabling the creation of Plastic Credits through verified data. By offering an advanced structure and cutting-edge technology, Plastiks empowers brands to track, validate, and showcase their sustainable efforts. Through its transparent and innovative platform, Plastiks not only supports environmental accountability but also drives the adoption of circular economy principles, helping brands meet their ESG goals and engage eco-conscious audiences.

5. Mission Statement

Plastiks' mission is to create a sustainable future by ensuring the efficient recovery and recycling of plastic waste. Plastiks aims to establish a transparent and reliable system that not only guarantees plastic waste recovery but also incentivizes and finances continuous environmental efforts.

6. Business Model

The Plastiks business model consists of offering verification, validation, and certification services resulting in the issuance of plastic credits used for tracking the recovered waste and combining these plastic credits with other plastic credits issued by verified recovery entities for funding the recovery of additional plastic through a roadmap (sustainable impact project) which ensures additionality.

7. Market Opportunity

The global plastic waste crisis presents a significant market opportunity. Governments, corporations, and environmental organizations are increasingly focused on sustainable practices and reducing plastic pollution. Plastiks is uniquely positioned to tap into this growing

demand by providing a verifiable and marketable solution for plastic waste recovery.

8. Methodology and Technology

The primary objective of the Plastiks methodology is to establish a transparent and rigorous blockchain-based framework for certifying recycling entities globally. This methodology outlines clear guidelines and a structured accreditation process, designed to authorize the issuance of plastic credits. Additionally, it ensures that projects funded through these credits (termed “roadmaps”) yield genuine, measurable environmental and social benefits within communities, promoting responsibility and sustainability.

Plastiks has established a structured certification framework to guide recovery and recycling entities through the certification process, ensuring transparency, sustainability, and measurable social, environmental, and operational impacts as they issue plastic credits. This 3-step methodology emphasizes clear communication, accountability, and stakeholder engagement.

Designed with a global perspective, the methodology offers a systematic certification process adaptable to various regions and operational scales. Through this certification, Plastiks promotes responsible waste management and contributes to global sustainability.

Plastiks integrates recycling entities into its platform by creating a public-facing profile within the Plastiks app, which includes the entity’s logo, corporate assets, and project details, providing a transparent record of its participation in the plastic credits ecosystem. This profile enables easy tracking of issued credits through smart contracts, allowing stakeholders to monitor progress and verify claims via a sustainability dashboard with clear metrics, ensuring that relevant data on the roadmap’s impact is accessible to all. Once the profile is live, the recycling entity can issue plastic credits, each representing verified amounts of recovered and recycled plastic; however, these credits cannot be sold unless linked to a roadmap that aligns with the impact goals, ensuring each credit reflects actual recycling actions. Plastiks employs blockchain technology to guarantee the transparency, traceability, and security of every issued plastic credit, recording each credit on an immutable, public ledger that ensures data remains tamper-proof. This system, built on the Celo blockchain for its transparency, low transaction fees, and carbon-neutral infrastructure, enables efficient, eco-friendly transactions that support the circular economy and provide secure proof of sustainability efforts, thereby helping combat greenwashing.

9. The Plastic Credit

Plastic Credits are certificates created from the invoices that waste Recovery Entities generate, approved by Plastiks. These invoices prove that a certain type and amount of plastic has been recovered from the environment. The proceeds from the sale of PLASTIC CREDITS are used to carry out waste Recovery Entities’ Roadmaps, providing measurable and verifiable social and environmental impact on additional plastic recovery and recycling.

Plastiks’ Plastic Credits are funding instruments and recovery guarantees that technically are NFTs which are Non-Fungible Tokens. These unique digital identifiers are used to certify ownership and authenticity, since they cannot be copied, substituted, or subdivided. Plastic Credits cannot be traded once bought, as they represent an immutable amount of plastic that has been recovered from the environment and put back into the recycling industry.

Plastic Credits provide companies with data transparency to share their real, verifiable environmental commitment.

In practice, the core function of Plastiks' PLASTIC CREDITS is to verify and validate the processes carried out by Plastiks, to assure that the recovery and recycling of plastic has been done following compliance and governing standards and norms.

PLASTIC CREDITS also prove that the funds generated from their sale are used for positive impact objectives that will create additional plastic waste recovery.

Documentation supporting the issuance of the Plastic Credit includes, but is not limited to, the invoice that was generated when the Plastic Recovery Entity sold the recovered plastic waste to the recycler. The Proof of Payment, the Waybill and the Receipt from the recycler verify the authenticity of the plastic recovery and recycling at various stages and locations.

These documents are verified, and relevant information is uploaded on the blockchain.

The blockchain used to mint Plastiks' PLASTIC CREDITS is called CELO, a carbon negative blockchain that hosts ReFi (Regenerative Finance) projects.

CELO is an open cryptographic protocol that allows applications to make transactions and run smart contracts in a secure and decentralized way. It addresses some of the barriers that separate Web2 and Web3 audiences, making the user journey easier for better adoption rates.

CELO uses block rewards to fund its Carbon Offsetting program, and by donating funds to organizations that offset carbon, CELO has become one of the first blockchains to achieve carbon neutrality.

10. The Plastik Token

The PLASTIK token is used as a transparent, traceable proof of payment between plastic credit purchasers and recovery entities, functioning as a digital receipt logged on the blockchain, with funds transferred only once all required credits to fulfill the roadmap are sold; after roadmap completion, tokens are returned to Plastiks, which then initiates a wire transfer to finalize payment, enhancing transparency and accountability.

The token serves as a payment traceability tool. The Plastik token's utility consists of tracking the progress of the sale of plastic credits corresponding to the roadmap that a recovery entity is attempting to fund. Once the number of plastic credits sold corresponds to the roadmap amount is achieved, the tokens are returned to Plastiks to release the funds for the implementation of the roadmap.

Specifically, the Plastik token's utility consists of tracking the progress of the sale of plastic credits corresponding to the roadmap that a recovery entity is attempting to fund. Once the number of plastic credits sold corresponds to the roadmap amount is achieved, the tokens are returned to Plastiks to release the funds for the implementation of the roadmap.

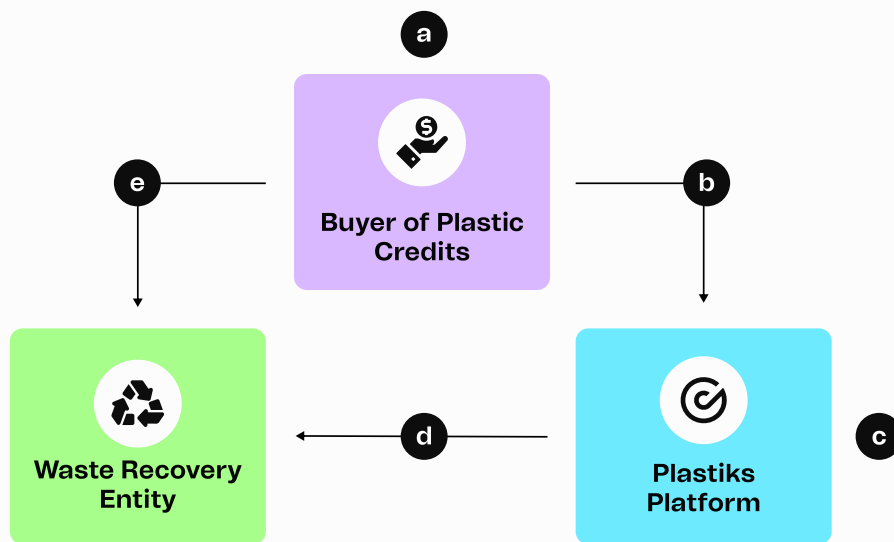
Each time a Plastic Credit is sold, 80% of the value is sent to the waste Recovery Entity's

account in the form of PLASTIK tokens.

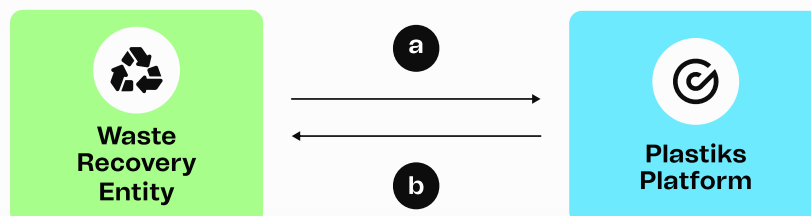
Once the recovery entity has sold all the plastic credits required to fulfil their roadmap, they return the tokens. Once the tokens are returned to Plastiks, the funds that are held in custody by Plastiks until the number of plastic credits needed to fulfil the roadmap are sold, are transferred via USD or EUROS.

There is a 2% token transaction fee that is charged on all use of the Plastiks token.

This fee is used to buy PLASTIK tokens from the market to reflect the progress being made of plastic recovery with the goal of reducing the supply of available tokens to 1 remaining Plastik Token.



- a. Buyer acquires plastic credits.
- b. Funds are sent to Plastiks to acquire plastic credits (\$).
- c. Plastiks holds 80% in custody until all of the plastic credits needed to be sold to
- d. Plastiks sends Tokens to release Plastik Credits.
- e. Plastiks Credits are sent to buyer.



- a. Tokens are sent to Plastiks to release funds.
- b. Funds to finance roadmap are sent when all of the plastic credits needed to fund the roadmap have been sold.

All transactions are on the public blockchain.

Token Details

Symbol: PLASTIK

Market Overview: <https://coinmarketcap.com/currencies/plastiks/>

Address*: 0x27cd006548dF7C8c8e9fdc4A67fa05C2E3CA5CF9

This Token Address is the location of the smart contract which manages the balances of all token holders, amongst other things, such as the total supply and its basic features (name, decimals, etc.).

***Do not send any tokens to this Address.**

Circulation

There are 1.000.000.000 PLASTIK Tokens issued. No more tokens can be issued.

- 420,708,907 tokens are controlled and operated by licensed crypto exchange VirtuaBroker Solutions Ltd.
- 110,000,000 tokens are locked for the shareholders of Plastiks until January 2026.
- 579,291,093 tokens are publicly traded.

Plastiks' goal is to offer accountability for all the plastic production in the world.

To achieve Total Circularity and Plastic Neutrality the following formula is proposed:

Plastic credits minted = Plastic production (per year).

Consequently, Plastiks is implementing a per transaction PLASTIK token reduction strategy based on the amount of plastic being removed from the environment.

Plastiks' tokenomics are based on the premise that supply reduction due to plastic recovery will achieve plastic neutrality.

The deflationary driver of the PLASTIK token consists of reducing the number of tokens on a per plastic credit sale transaction.

11. Planned DeFI Strategy

As the market for plastic grows, the Plastik Token will become a tool to for a transparent and traceable proof of payment between plastic credit purchasers and recovery entities, functioning as a digital receipt logged on the blockchain. The function of traceability to be proposed in a decentralized way will be analyzed and an implementation plan will be developed for a 2026 implementation.

12. Conclusions

The PLASTIK token is a powerful tool for payment traceability. The Tokens utility is to track the sale of plastic credits tied to a specific recovery roadmap. When the required credits for the roadmap are sold, the tokens are returned to Plastiks, enabling funds to be released for

implementing the project and thereby ensure positive environmental action.

In addition to supporting positive environmental outcomes, the use of the PLASTIK token generates transaction fees based on the transfer of plastic credits, which contribute to the sustainability and growth of the token ecosystem.

Whitepaper subject to future revisions.