plastiks

The first **NFT marketplace that fights plastic pollution**

Whitepaper 2023

SUMMARY

plastiks

The web3 ecosystem that
connects and enables
people around the world
to fight plastic pollution

1. KEY INFORMATION

About the Issuer

This document has been issued by NOZAMA GREEN LTD., a company incorporated in the UNITED KINGDOM with the company address KEMP HOUSE, 160 City Road, London, EXIV2NX.

About the Project

NOZAMA GREEN LTD. ("NOZAMA") and its affiliates have created the PLASTIKS PLATFORM. All references to "NOZAMA" in this document refer to the issuing entity and all references to "PLASTIKS" in this document refer to the platform, unless otherwise expressly stated as "PLASTIK" which refers to the token. Our aim is to provide accountability, transparency and sustainability to the production and consumption of all variations of plastics using blockchain technology. We intend to operate across the globe, with a strong focus on transparency, accountability, security and compliance.

PLASTIK Tokens (ticker: PLASTIK) are intended to be an integral feature of the PLASTIKS platform supporting swift and secure transactions.

As part of this, PLASTIKS will be working to secure all necessary licenses and approvals in relevant markets, as well as relevant partnerships, building out our capability and accessibility progressively and in close collaboration with our community, other stakeholders and advisors.

About this Document

This document and any other documents published in association with it relate to an offering of PLASTIK TOKENS to certain eligible persons (purchasers) and in respect of the intended development and use of the PLASTIKS PLATFORM by NOZAMA and its affiliates.

This document is not endorsed by any government authority and is subject to change. Please read the "Disclaimers" section for additional important information about this document.

Authorized Language

This document and related materials are issued in English only. Any translation is for reference purposes only and is not certified by PLASTIKS or any other person. No assurance can be made as to the accuracy and completeness of any translations.

If there is any inconsistency between a translation and the English version of this document or related materials, the English version prevails.

Do you have any questions?

Please contact PLASTIKS anytime if you have any questions about this document or the project. You can email us at info@plastiks.io

Important notice

Be careful when interacting with anyone who says they represent PLASTIKS. Please check all links, website addresses, email addresses and social media handles carefully. Please feel free to check with us directly anytime via info@plastiks.io if something seems suspicious.

We will never ask you for your passwords or private keys.

2. DISCLAIMERS

Licenses, Approvals & Partnerships Are Not Assured in All Jurisdictions.

NOZAMA intends to operate in full compliance with applicable laws and regulations and use its best endeavors to obtain the necessary licenses and approvals. Regulatory licenses, approvals and/or partnerships with licensed entities are likely to be required in several relevant jurisdictions in which relevant activities may take place. This means that the development and roll-out of all the initiatives described in this whitepaper are not guaranteed. It is not possible to guarantee, and no person makes any representations, warranties, or assurances, that any such licenses, approvals or partnerships will be secured within a particular timeframe or at all. As such, the initiatives described in this whitepaper may not be available in certain jurisdictions, or at all. This could require restructuring of these initiatives and/or its unavailability in all or certain respects. In addition, the development of any initiatives is intended to be implemented in stages. As the project is likely to rely on relationships with certain licensed third-party entities, if these entities are no longer properly licensed in the relevant jurisdiction, or the relationships are not possible to continue, this will impact the ability of PLASTIKS to rely on the services of that party.

No Advice

This whitepaper does not constitute any investment advice, financial advice, trading advice or recommendation by NOZAMA, its affiliates, or its respective officers, directors, managers, employees, agents, advisors, or consultants on the merits of purchasing PLASTIK TOKENS nor should it be relied upon in connection with any other contract or purchasing decision.

Not a Sale of Security or Fiat Currency

This whitepaper does not constitute a prospectus or financial service offering document and is not an offer to sell or solicitation of an offer to buy any security, investment products, regulated products, or financial instruments in any jurisdiction. PLASTIK TOKENS are not being structured or sold as securities in NOZAMA.

Owners of PLASTIK TOKENS are not entitled to any rights in PLASTIKS or any of its affiliates, including any equity, shares, units, royalties to capital, profit, returns or income in PLASTIKS or any other company or intellectual property associated with PLASTIKS.

Furthermore, PLASTIK TOKENS are not fiat currency, nor are they intended to represent or link to any fiat currency. Any reference to PLASTIK COINS should not be interpreted as any reference to fiat currency or asset of any kind.

View of PLASTIKS

The views and opinions expressed in this whitepaper are those of NOZAMA and do not reflect the official policy or position of any government, quasi-government, authority, or public body (including but not limited to any regulatory body) in any jurisdiction. This whitepaper has not been reviewed by any regulatory authority.

Third party references

References in this whitepaper to specific companies, networks and/or potential use cases are for illustrative purposes only. The use of any company and/or platform names and trademarks does not imply any affiliation with, or recommendation or endorsement of/by, any of those parties.

Graphics

All graphics included in this whitepaper are for illustrative purposes only. In particular, graphics with price references do not translate into actual pricing information.

Risk Statements

Purchasing PLASTIK TOKENS involves substantial risk and may lead to a loss of a substantial or entire amount of money or other assets involved. Prior to purchasing PLASTIK TOKENS, you should carefully assess and take into account the risks, including those listed in any other documentation.

A purchaser should not purchase PLASTIK TOKENS for speculative or investment purposes. Purchasers should only purchase PLASTIK TOKENS if they fully understand the nature of the PLASTIK TOKENS and accept the risks inherent to the PLASTIK TOKENS.

Cryptographic tokens may be subject to expropriation and/or theft; hackers or other malicious groups or organizations may attempt to interfere with our system/ network in various ways, including malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing which may result in the loss of your cryptographic tokens or the loss of your ability to access or control your cryptographic tokens. In such an event, there may be no remedy, and holders of cryptographic tokens are not guaranteed any remedy, refund, or compensation.

The regulatory status of cryptographic tokens and digital assets is currently un-settled in many jurisdictions, varies among jurisdictions, and can be subject to significant uncertainty. It is possible that in the future, certain laws, regulations, policies, or rules relating to cryptographic tokens, digital assets, blockchain technology, or blockchain applications may be implemented which may directly or indirectly affect or restrict cryptographic token holders' right to acquire, own, hold, sell, convert, trade, or use cryptographic tokens.

No Representations

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The **PLASTIK TOKENS**, as envisaged in this whitepaper can be viewed CELO explorer: **https://explorer.celo.org/mainnet/token/0x27cd006548dF7C8c8e9fdc4A67fa05C2E3CA5CF9**

No representation or warranty is given as to the achievement or reasonableness of any plans, future projections or prospects and nothing in this document is or should be relied upon as a promise or representation as to the future.

To the fullest extent possible, all liability for any loss or damage of whatsoever kind (whether foreseeable or not and whether NOZAMA has been advised or not of the possibility of such loss or damage) which may arise from any person acting on any information and opinions contained in this whitepaper or any information which is made available in connection with any further enquiries, notwithstanding any negligence, default or lack of care, is disclaimed.

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This whitepaper contains data and references obtained from third party sources. Whilst the management believes that these data are accurate and reliable, they have not been subject to independent audit, verification, or analysis by any professional legal, accounting, engineering, or financial advisors. There is no assurance as to the accuracy, reliability, or completeness of the data.

Translations

This whitepaper and related materials are issued in English. Any translation is for reference purposes only and is not certified by any person. No assurance can be made as to the accuracy and completeness of any translations. If there is any inconsistency between a translation and the English version of this whitepaper, the English version shall prevail.

Restricted Transmission

This whitepaper must not be taken or transmitted to any jurisdiction where distribution or dissemination of this whitepaper is prohibited or restricted.

The uncertainty in tax legislation relating to cryptographic tokens and digital as- sets may expose cryptographic token holders to tax consequences associated with the use or trading of cryptographic token.

Digital assets and related products and services carry significant risks. Potential purchasers should take into account all of the above, together with any other applicable risk disclosures we provide and the advice they obtain, and assess the nature of, and their own appetite for, relevant risks independently and consult their advisers before making any decisions.

PLASTIK TOKENS may be subject to a future migration to a different technology foundation. This may involve the issuance of a new asset in addition to, or to re- place, PLASTIK TOKENS as ERC 20 tokens. A holder of PLASTIK TOKENS may be required to follow certain procedures to effect this change. Applicable law or technical restrictions could prevent this from occurring, leading to loss. You must monitor PLASTIKS.IO regularly for such changes and other announcements.

Professional Advice

You should consult a lawyer, accountant, tax professional and/or any other professional advisors as necessary prior to determining whether to purchase PLASTIK TOKENS and/or using the PLASTIK platform.

Caution Regarding Forward-Looking Statements

This whitepaper contains certain forward-looking statements regarding the business we operate that are based on the belief of NOZAMA as well as certain assumptions made by and information available to NOZAMA. Forward-looking statement, by their nature, are subject to significant risks and uncertainties.

Forward-looking statements may involve plans, estimates and assumptions and are subject to risks, uncertainties and other factors beyond our control and prediction. Accordingly, these factors could cause actual results or outcomes that differ materially from those expressed in the forward-looking statements.

Any forward-looking statement speaks only as of the date of which such statement is made, we undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events.

3. EXECUTIVE SUMMARY

Plastiks has the mission of connecting and enabling people around the world to fight global plastic pollution. Our vision is to become the ecosystem that gives everybody an equal opportunity to take verifiable environmental action.

One factor at the core of our climate crisis is excess: We're producing too many carbon emissions, more than our atmosphere can handle. We're creating too much single-use plastic, more than can be recycled. This excess has reached dangerous levels. Our planet has only 9% of its global carbon budget left, and each year 8 million tons of plastic makes its way into our oceans.

To combat all this excess, companies can try to simply produce less, but these excesses can be hard to remove entirely from a business model. When a company can't reduce excessive plastic usage, the efforts to reduce these pollutants introduces a market for associated activities. When an organization does something that would reduce carbon, like planting trees, they can sell that benefit to a company looking to effectively reduce their emissions. The 1997 Kyoto Protocol standardized carbon credits: each credit would represent one metric ton of CO2. That protocol also created different types of credits, from emission trading—when one country hasn't emitted as much pollution as they're "allowed" to them having the ability to sell any leftover amount to countries that have already passed their emission targets, to removal units which use activities such as reforestation to remove CO2.

Now, the concept of credits is moving beyond emissions to one of the other most pressing forms of pollution: plastic. But while the idea of buying and selling plastic pollution credits is gaining traction, no standards like the Kyoto carbon credit standards exist. Instead, there's a hodgepodge of different types of plastic removal, and different types of plastics, making environmental experts concerned about whether any promises that a company makes about being "plastic neutral" can be taken at face value if they involve credits.

Plastiks.io is aiming to become the world standard in plastic credits by providing a uniform and homogeneous approach to data transparency. Plastiks enables Plastic recovery projects and waste management companies across the world to convert the

invoices generated during the course of their existing activity. Their activity consists of collecting waste and sorting the waste that can be sold as a prime resource to the recycling industry so that waste can be used to make new single use packaging. During the course of this activity, the Plastic recovery projects, and waste management companies are generating invoices which Plastiks enables to be converted into an NFT. The NFT becomes the Plastic Recovery Guarantee (PRG) which is bought and sold on the plastiks.io marketplace.

An NFT that is minted and put for sale on the Plastiks marketplace is a plastic credit which is a transferable unit representing a specific quantity and type of plastic that has been collected and recycled from the environment.

Plastiks value proposition

For companies that use, produce or distribute plastic

1. **Improve their communication of their commitment to their sustainable agenda and ESG goals.**
2. Increase their market share in targeted countries where they focus their "commitment to the environment" by **connecting with their consumers from said countries that are benefiting from the companies´ environmental commitment.**

For individuals that are environmentally conscious and want to take measurable actions to help: Contribute in removing plastic from the environment in geographical areas where they have a special interest in.

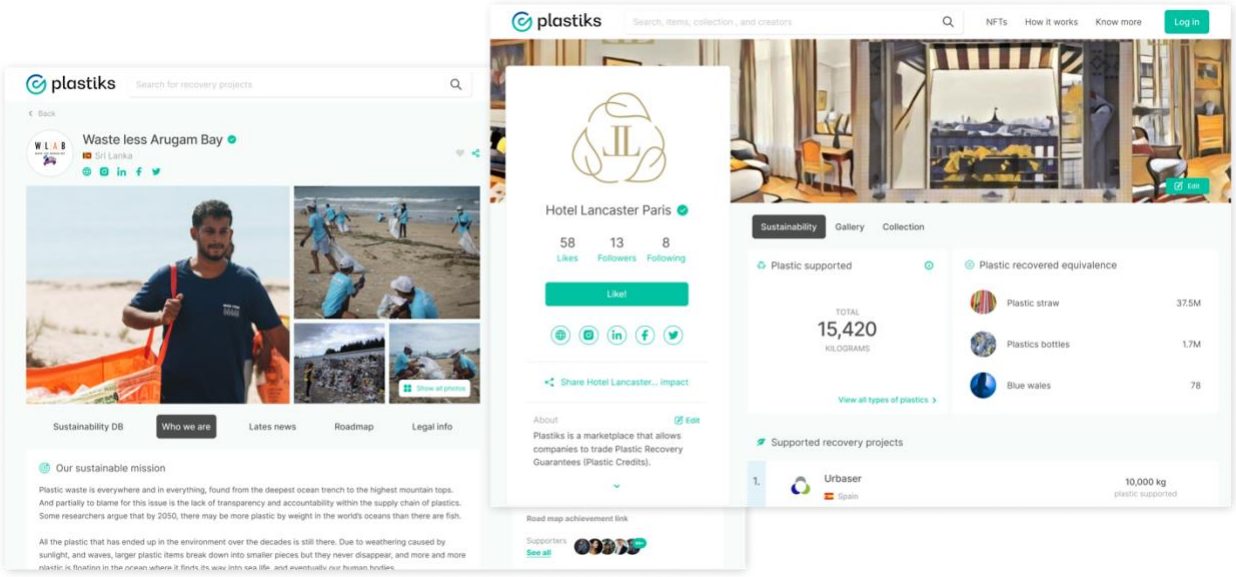
For recovery projects that need funding to grow their activities and impact: provide **them with the means to access new sources of funds**.

The Plastiks platform is focused on connecting recovery projects worldwide with companies and individuals to provide measurable, transparent and accountable data regarding plastic recovery. The data generated by Plastiks empowers impactful stories and, also generates plastic credits that can help achieve plastic neutrality.

For recovery projects

The marketplace allows recovery projects to generate a positive environmental impact and grow with Plastiks NFTs:

- Giving companies and individuals the opportunity to support plastic recovery. Promoting transparency in the plastic economy.
- Get more equipment and better infrastructure.
- Improving workers' conditions and create new job opportunities.
- Providing education about plastic circularity and recycling to local communities. Creating awareness for recovery projects by demonstrating their impact.
- Showing to the world the importance of each project in their region.

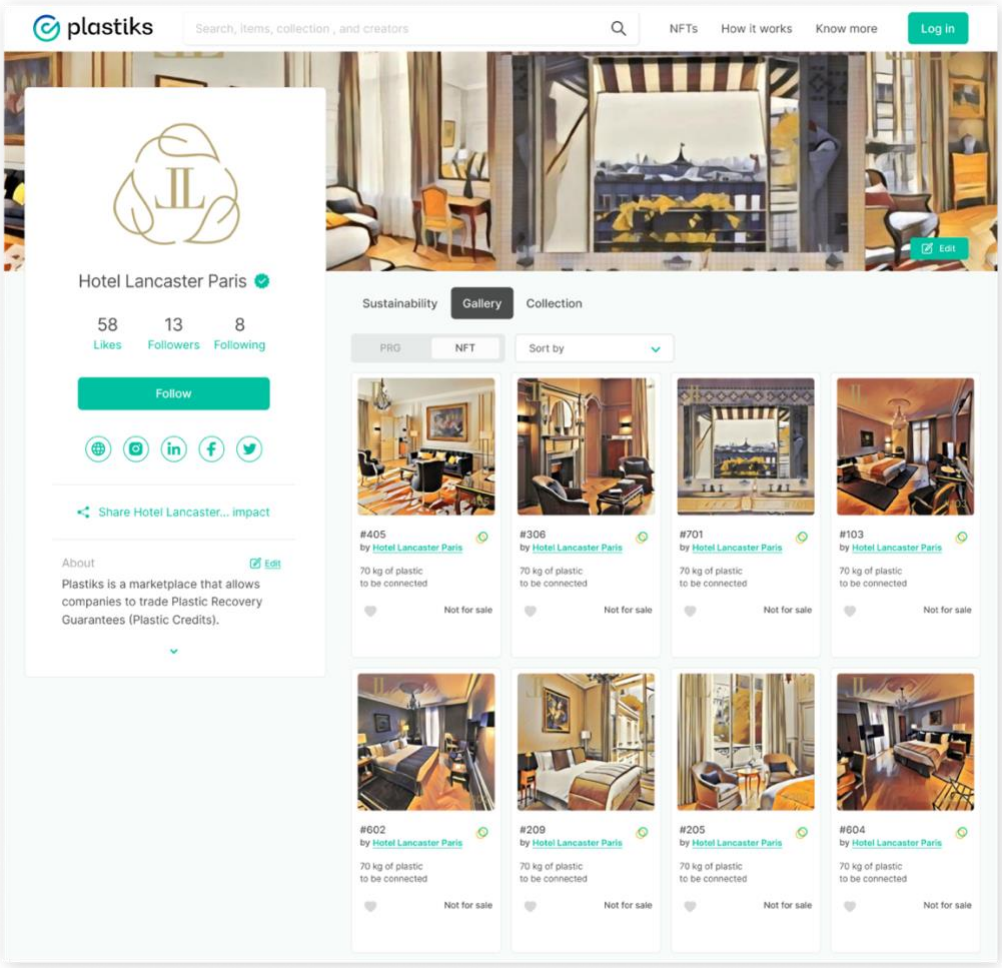


PLASTIKS MARKETPLACE ALLOWS RECOVERY PROJECTS TO:

1. **Digitalize their acts of recovery:** Upload and certify their invoice data as Plastic Recovery Guarantees on the Plastiks Marketplace.
2. **Generate a new source of revenue:** Generate new incomes to leverage existing activity of recovery, improve workers conditions and equipment, empower underprivileged people and grow their workforce.
3. **Empower their story and grow their impact:** Connect with companies and individuals around the world that are looking to support their activity and fight plastic pollution.

For businesses

- Generate a positive environmental impact with Plastiks NFTs
- Sponsor recovery projects worldwide
- Create Utility NFT collections Share their positive impact



PLASTIKS MARKETPLACE ALLOWS BUSINESSES TO:

1. **Sponsor:** Buy Plastic Recovery Guarantees to sponsor their favorite recovery projects around the world and demonstrate their positive environmental impact.
2. **Create:** Create their own utility NFTs collections backed by plastic recovery guarantees to engage with their customers and followers in a very innovative way.
3. **Share:** Share their positive impact with their community and develop their brand reputation.

For users

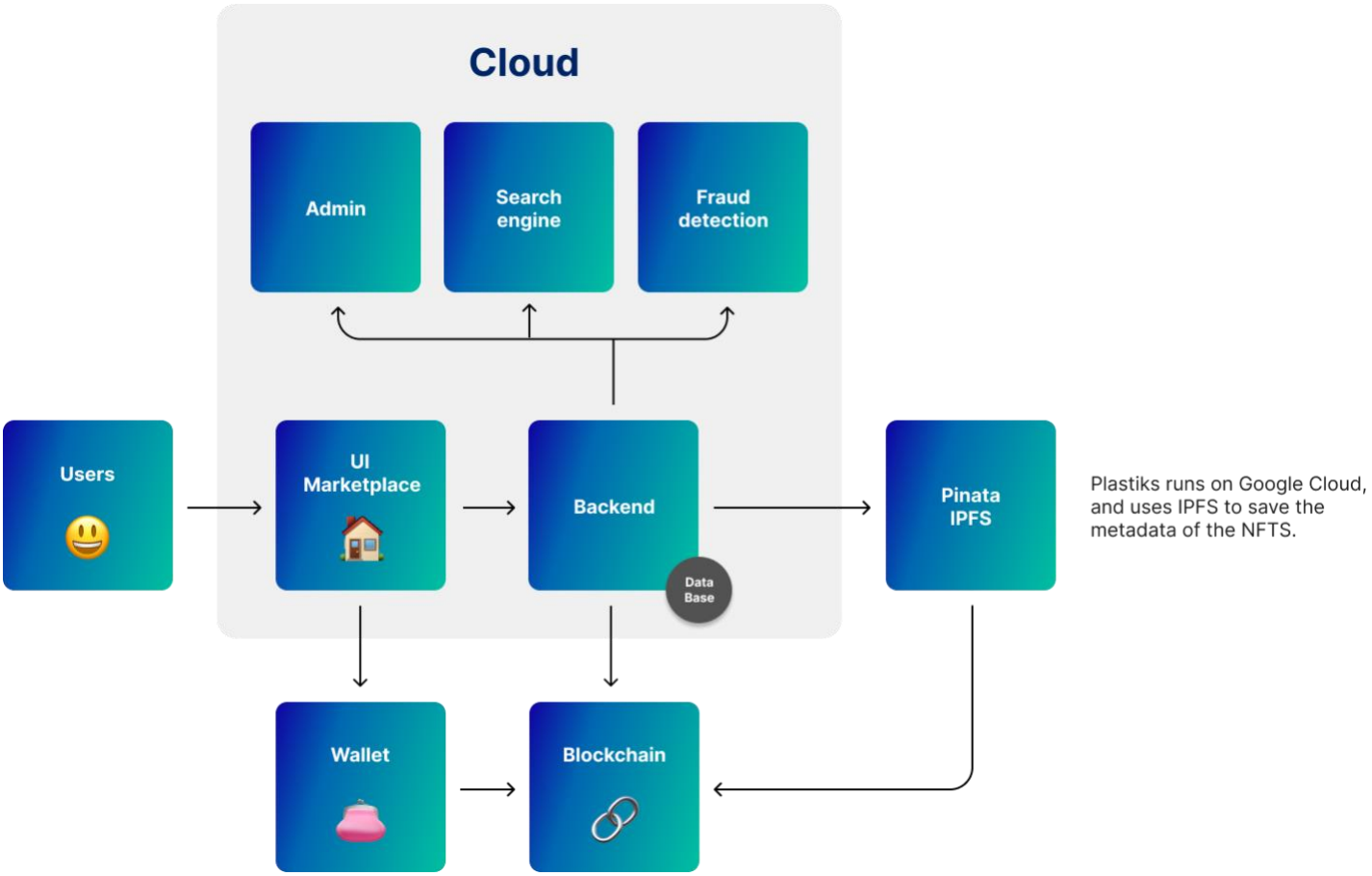
PLASTIKS MARKETPLACE ALLOWS RECOVERY PROJECTS TO:

1. **Choose a recovery project** to support and generate a positive social/ environmental impact.
2. **Get special perks and rewards** from their favorite companies
3. **Link their NFT collections to waste recovery projects** and trigger waste reduction through transactions of NFTs.

4. CORE FUNCTIONALITY

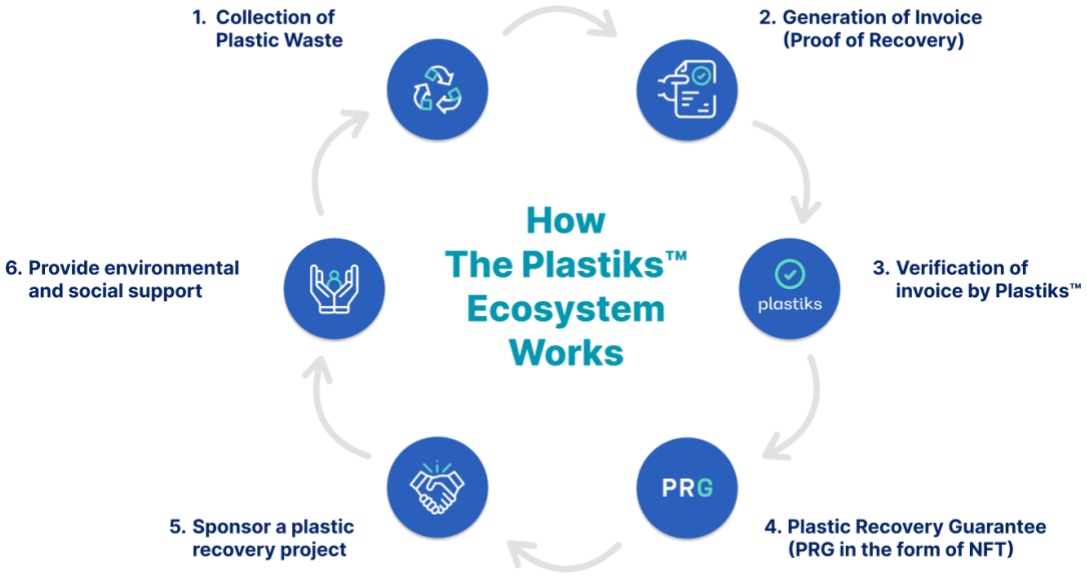
Plastiks is a marketplace enabling companies and individuals to trade **Plastic Recovery Guarantees**. Worldwide plastic recovery projects are using the platform to upload their plastic recovery data. Thanks to the NFT technology **we can prove the verifiable impact of how and where plastic has been recovered.**

Platform architecture



What is a Plastic Recovery Guarantee?

We are tokenizing and creating NFTs out of the invoices generated by the and waste recovery projects and waste management companies around the world. These invoices are the documentational proof that states that certain type of plastic and certain quantities have been recovered. These NFTs become Plastic Recovery Guarantees. Plastic Recovery Guarantees are unique digital assets, known as NFTs, that provide companies with the transparency to share their environmental commitment. These NFTs are accessible and visible on the sustainability profiles that each user has on the marketplace. These sustainability profiles enable verifiable communication of claims of ESG (Environmental Social Gover-nance) practices.

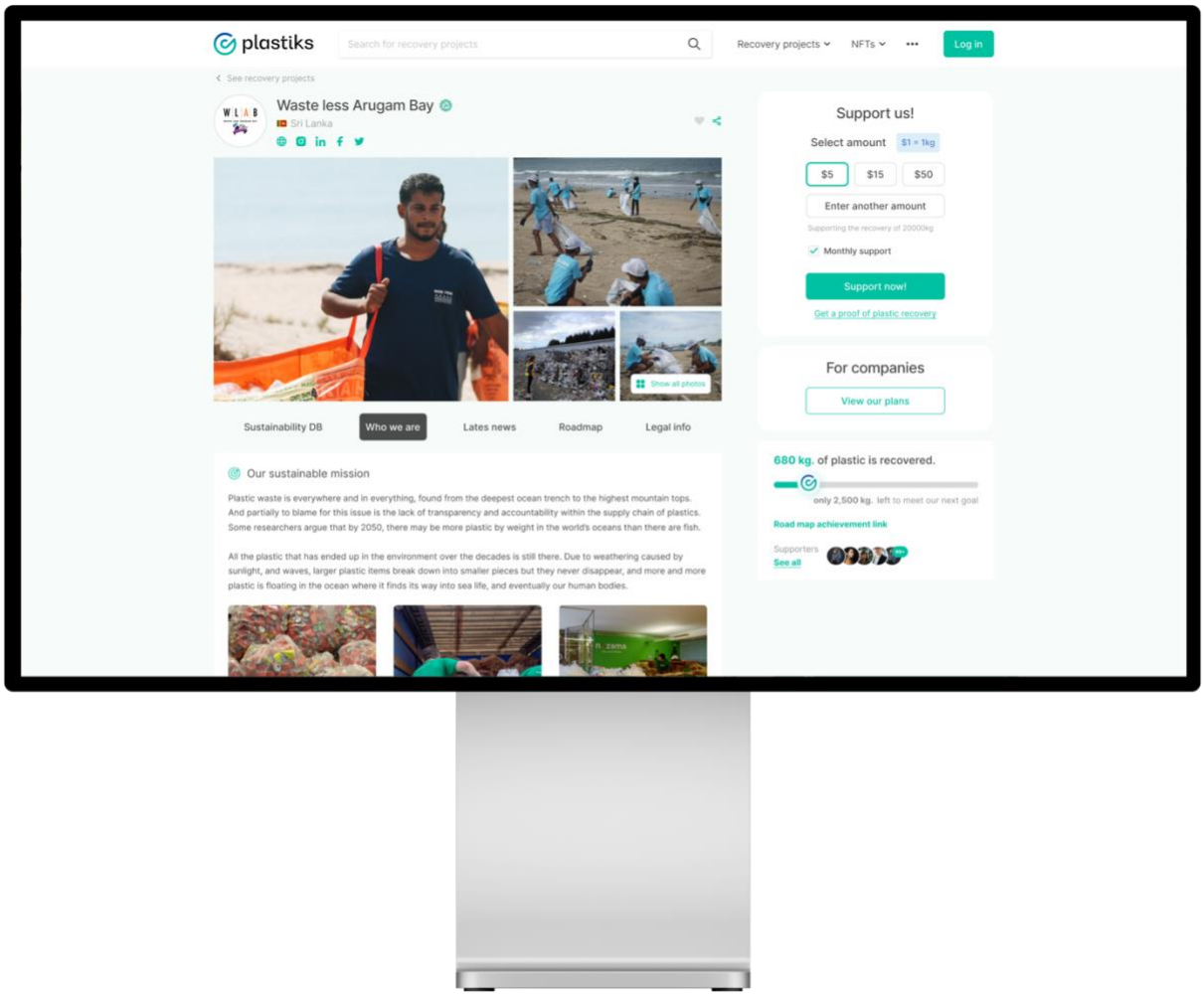


Monitor your impact and tell your story

On Plastiks marketplace, users whether they are companies or individuals can monitor their impact on the environment and share it with their audience.

Waste recovery projects from around the world are uploading their plastic recovery data using NFT technology to provide verifiable impact stories of how and where in the world plastics are recovered. These projects are directly sponsored

When NFTs are bought and sold. The acquisition of NFTs and their impact on a Green Initiative can be and shared on social media thanks to the sustainability dashboard which **highlights the details of where the plastic is being recovered, how much is being recovered and who is doing the recovery**.



Plastic traceability

The PLASTIK token unlocks the functionalities required to mint, publish and sell recovery Guarantees in the following product types:

- **Polyethylene terephthalate:** PET is commonly used in commercially sold water bottles, soft drink bottles and condiment bottles. Generally considered a 'safe' plastic, it does not contain BPA, but can leach antimony (metalloid found in food and beverages) in the presence of heat. Lightweight, transparent, sinks in water and resistant to corrosion.
- **High-density polyethylene:** Manufactured from Ethylene. Commonly used in milk and juice bottles, freezer bags, cereal box liners, shampoo bottles and detergents and supermarket bags. Sounds like cellophane and crackles when crumpled. Mostly colored. When incinerated, the plasticizers (added to the plastic for extra flexibility) release toxins into the air we breathe that can be harmful to fetuses.
- **Polyvinyl chloride:** More versatile plastic, 43% crude oil, 57% salt. A natural insulator, used in floor insulation, pipes, wiring, food packaging, toys, IV blood bags and credit cards. Highly durable and highly resistant to corrosion. Contains a phthalate called DEHP added for flexibility that is harmful to the thyroid, liver and lungs and has hormone disruption properties.
- **Low-density polyethylene:** LDPE is used in black bin bags, bubble wrap, cling film, bread bags, disposable utensils and hot and cold beverage cups. More elastic and flexible than HDPE and mostly transparent. Easy to produce but difficult to print or paste onto. Good resistance to low temperatures and excellent electrical insulation properties. Does not contain BPA but can leach estrogenic chemicals.
- **Polypropylene:** Rigid and partially crystalline, used in packaging for cookies, crisps, screw caps, soft drink bottles, microwavable dishes, straws, lunch boxes and deli food containers. Has a high tolerance to heat, so does not leach many of the other chemicals that other plastics do.
- **Polystyrene:** Also known as Styrofoam, this is used for take-out cups and plates and supermarket meat trays. Polystyrene can leach styrene, a suspected carcinogen, especially in the presence of heat.
- **Others:** Any plastic that doesn't fit into the above groups, versatile material, transparent thermoplastic similar to glass but lighter and more resistant to breakage. Commonly used in protective packaging, fiberglass, medical products, baby bottles, car lights and glasses. Likely to leach BPA and/or BPS, both potent endocrine disruptors linked to interfering with mood, growth, development, sexual function, reproductive function and puberty.

Interoperability with other marketplaces to acquire Plastic Recovery Guarantees

Blockchain interoperability is not a set rule book. It refers to a broad range of techniques that allow different blockchains to listen to each other, transfer digital assets and data between one another and enable better collaboration. Plastiks has and is building the ability to attached Plastic Recovery Guarantees (Utility NFTs) to any NFT on any marketplace so that said NFTs can have a positive environmental impact.

5. PLASTIK TOKEN, NFTs & SUSTAINABILITY

Plastiks uses blockchain technology to encourage traceability and transparency regarding how much plastic is being recovered worldwide and where the funds go when a transaction happens.

Plastiks uses ERC721 and ERC1155 to build digital plastic recovery certificates, where information is stored in relation to how much plastic has been recovered, when, where and by who, including a hash of the real invoice generated by the recycler.

Plastiks keeps a copy of these invoices on a highly secured server for audit purposes.

To avoid duplications and fraudulent invoices, Plastiks has in place a fraud detection mechanism roadmap, where invoices are checked in shape and content and red flag whoever applies bad practices.

The plastic recovered guarantees that can be used as plastic credit reflect how much plastic has been recovered, **1kg = 1 plastic credit.**

The plastic credit NFT can be purchased standalone or linked to another NFT, creating a sustainable NFT by triggering the continued purchase of plastic credits as the NFTs are bought and resold.

Plastiks plans to offer plastic credits to all the existing NFT marketplaces and link all existing NFTs to plastic credits so that every time there is a transaction in Plastiks, plastic gets recovered, and users (both companies and consumers) build up their sustainable profile, showing how much plastic has been recovered and from which geography, so that their impact can be shared in social media.

Currently, Plastiks is operating on **Celo blockchain**.

Another fundamental component of the Plastiks roadmap consists of providing a frictionless experience to web2 users to onboard them into Web3 and, let them transact with crypto and / or credit cards to enable adoption. The case of CELO Blockchain as the chosen network to build out the Plastik Platform:

CELO was chosen to build out Plastiks ecosystem because it is a Carbon Negative Blockchain and has a commitment to frictionless onboarding which is key to user adoption.

Herewith more information as per a Medium Article on CELO CO2 Neutrality: Blockchain technology doesn't have to mean environmentally unfriendly. To the contrary, with thoughtful design and policy choices, it's possible to merge the effectiveness of immutable, decentralized systems with environmental responsibility. This is what **Celo** does.

With ongoing conversations around sustainability, the environmental impact of blockchain technology and popular, but energy-intensive, cryptocurrencies, we're pleased to share that Celo is a carbon negative blockchain. Very simply, the Celo network's Proof-of-Stake (POS) consensus algorithm naturally requires a tiny fraction of the energy usage of Proof-of-Work (POW) algorithms as used by Bitcoin and Ethereum. And at capacity, the Celo network could process up to 7 million transactions per ton of CO2 emitted by its infrastructure.

Celo's commitment to being environmentally friendly goes beyond being POS. It began in 2020 with the intention of becoming the first carbon neutral platform by contributing daily offsets through the network protocol, making the operational resources powering the Celo platform carbon-negative from the get-go. To date, Celo has offset 2,285 tons of carbon through its work with Project Wren, and expects additional funds already set aside by the protocol to offset a further 4,696 tons. That's the equivalent of walking instead of driving over 17 million miles. It's equal to the CO2 absorbed by 320,000 pine trees for a year. It's enough to make Celo 8 times carbon negative based on Wren's estimates for the footprint of the network as a whole.

While this is one more step toward mitigating climate change, there has been some incredible work focused on regenerative efforts happening across the Celo community. To further encourage the creation of natural assets on the Celo blockchain, starting with tokenized, high quality, voluntary carbon credit assets, including for in the Celo Reserve, there is an active RFP process underway. (Source: https://medium.com/celoorg/a-carbon-negative-blockchain-its-here-and-it-s-ce- lo-60228de36490:)

Token economy model

The PLASTIK TOKEN is exclusively used to unlock the Plastiks marketplace utilities.

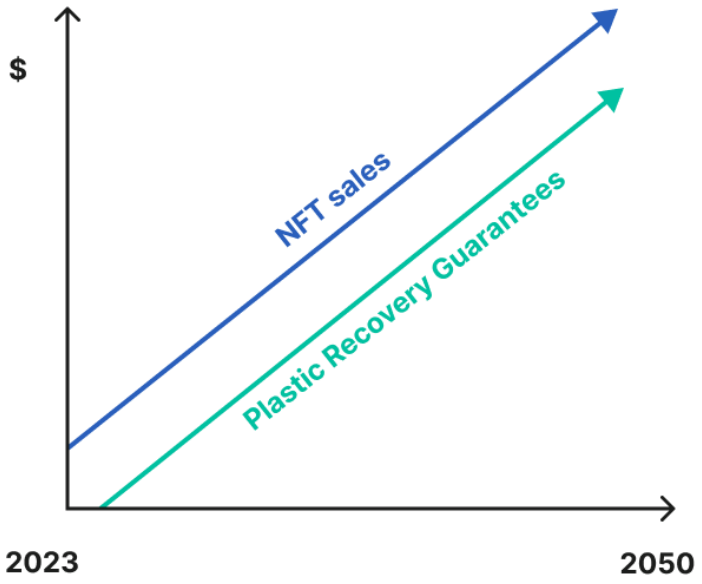
The PLASTIK TOKEN is the indispensable tool for recovery projects and recycling companies to mint their PRGs and for single-use plastic producers to develop their brand's proof of sustainability, easily allowing them to use this data in their corporate marketing efforts.

Plastiks: The first Utility NFT Marketplace that fights plastic pollution

The PLASTIK TOKEN allows waste recovery projects and recycling companies to monetize their sustainability data by upselling and cross selling their recovery guarantees.

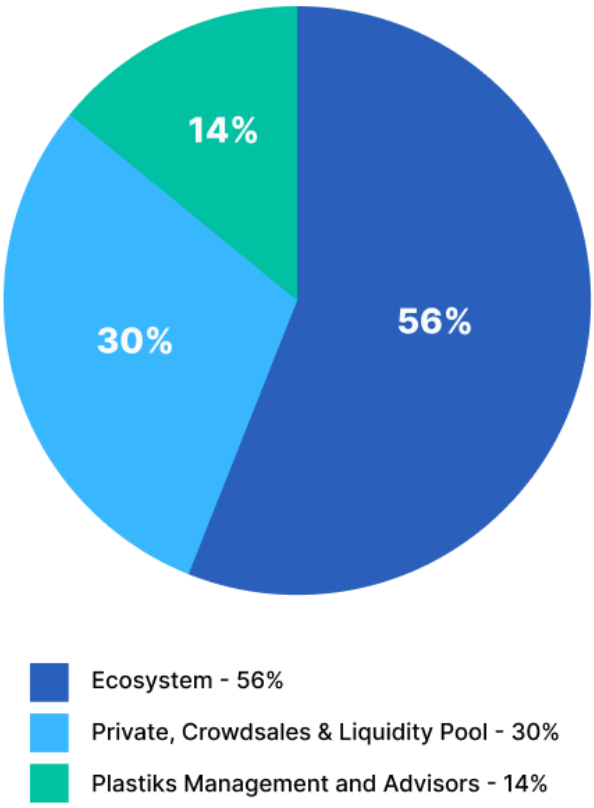
The goal is for the Plastiks Platform to become the leading plastic recovered guarantee marketplace. The role of the Plastiks platform is to be a blockchain powered marketplace to bridge the gap between recovery projects, companies and users.

The PLASTIK token unlocks the functionalities required to mint, list, buy and sell Plastic Recovered Guarantees (Plastic Credits). There is no secondary market for the Plastic Credits. PRGs (Plastic Recovery Guarantees) can be used just once. However, speculative drivers exist due to the Plastik token which is the only method of payment for the Plastic Recovery Guarantees and NFTs. If one (1) kilogram is to be recovered for one ($1.00) and the transaction is conducted in Plastiks, the more the price increases the less Plastiks will be required to recover one kilogram as each Kilogram of plastic recovered costs one ($1.00). Transactions on the marketplace are driven by NFT collections that link these plastic credits to unlock the buying and selling of the said collections so that they have a direct impact on waste recovery.



6. TOKENOMICS

Distribution



Trust is key to impact

The basics

Plastic waste is everywhere and in everything, found in the deepest ocean trench, to the highest mountain tops. And partially to blame for this issue is the lack of traceability and accountability within the supply chain of single-use plastics. The data speaks for itself. In terms of polypropylene, 300 million tons is being produced every year, and only 3% of it is being recovered and recycled. The rest ends up in landfills or finds a home in the world's oceans, rivers, and lands where it'll take centuries to biodegrade. **So how can we improve the plastic economy? How can we incentivize others to be accountable for their waste?**

Plastiks is an NFT marketplace deployed on CELO that brings People, Organizations and Companies together to fight against plastic pollution.

We are tokenizing and creating NFTs out of the invoices generated by the recovery projects and recyclers worldwide. These NFTs confirm that certain type of plastics and quantities have been recovered. These NFTs become plastic credits. We are working on becoming a verifying entity of said plastic credits.

These plastic credit NFTs can be bought individually or linked to an NFT (making it sustainable). Every time there is a transaction in Plastiks, plastic gets recovered.

Acquiring this NFTs enables users to build up their sustainable profile, showing how much plastic has been recovered and from where, and this information can be shared in social media.

Users can choose the country from where the plastic credits are generated. Up to 80% and at least 40% of the transaction from the plastic credit goes to NGOs related to plastic recovery in that country.

The Problem/Challenge

How to we make sure that the Plastic recovery projects and waste management companies, do what they say?

How can we ensure that their plastic credits are real and not based on false or fake invoices?

How can Trust be built so that the buyers of the plastic credits can:

- Compensate their plastic usage or production, strengthening their brand reputation?
- Engage their customers creating a collection where the customer gets some benefits and plastic gets recovered by each transaction?

Plastiks uses blockchain technology to encourage traceability and transparency regarding how much plastic is being recovered worldwide and where the funds go when a transaction happens; however, how can we make sure that these Credits are real?

Plastiks uses ERC721 and ERC1155 to build digital plastic recovery certificates, where the information is stored in terms of how much plastic has been recovered, when, where and by who, including a hash of the real invoice generated by the recycler.

Plastiks keeps a copy of these invoices for audit purposes.

HOWEVER, HOW CAN THESE INVOICES BE TRUSTED?

The Plastiks Protocol

Firstly, to avoid duplications and fraudulent invoices, Plastiks will deploy fraud detection mechanism, where invoices are checked in shape and content and red flag whoever applies bad practices.

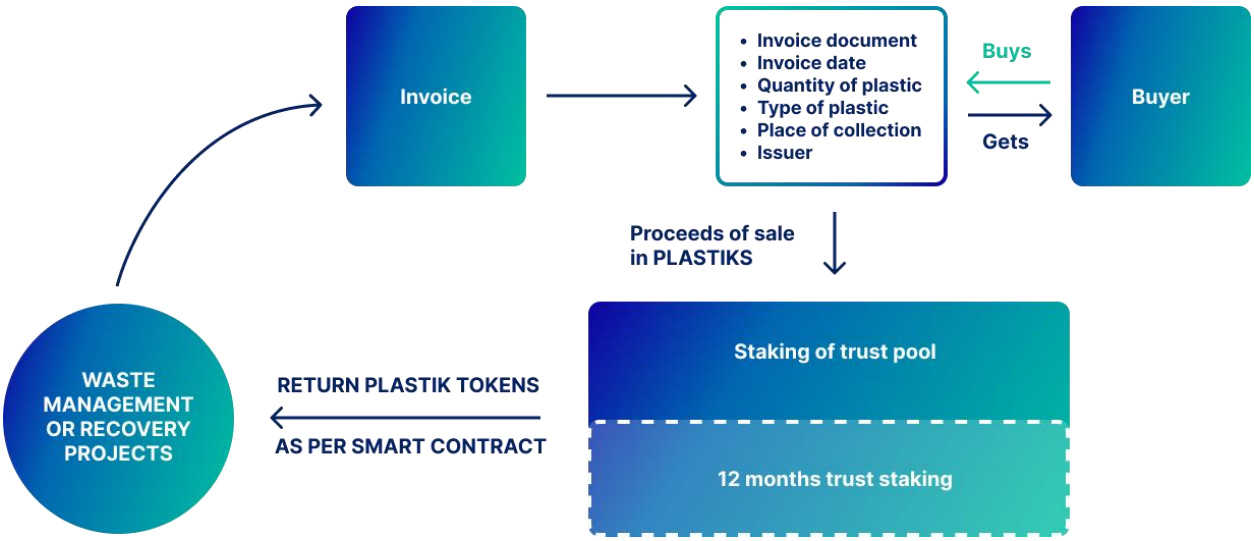
Secondly, to ensure that the waste recovery projects and waste management companies, mint Plastic Recovery Guarantees (NFTs) that are legitimate, the company that wishes to mint Plastic Recovery Guarantees (NFTs) must accept that a returnable deposit of Plastik tokens resulting from the sale of the Plastic Recovery Guarantees (NFTs) must be bought and staked for different periods of time during which fraud checking and audits of the NFTS can take place.

These tokens are returned via Smart Contract and can be converted back to the original currency after a specified duration after which the waste management and recovery project´s reputation is consolidated as per a scoring system and staking is no longer required.

This process is the staking of trust principle is based on the premise that if fraudulent invoices were behind the creation of that Plastic Recovery Guarantee, the staked tokens would be lost and put into the Plastiks treasury to fund waste recovery projects that are verified and consequently the waste management company or the recovery project would lose them.

The waste management company and / or the waste recovery project will be dissuaded from falsifying invoices to be converted into plastic credits as they will risk losing the funds. Thus, this will ensure an added layer of security to the authenticity of the data being uploaded onto the blockchain.

The staking of trust principle is the key to the transparency and accountability of the waste management and recycling industry.



The amount of Plastik to be acquired and staked corresponds to a % of the total projected Plastic Recovery Guarantees (NFTs) that will be minted and is applied on a NFT per NFT basis.

The objective is to ensure that the NFT data can be randomly audited over time and consequently after the duration of evaluation, the staked amount is returned.

Mechanics of the Trust Principal

The TRUST rating assigned to the waste management company and / or recovery project is directly related to the metric tonnage of plastic recovered.

Variable staking corresponds to a % of the total revenue related to the sale of the PRGs (NFTs) until the staking duration is completed at which time the staking is released and 100% of total revenue of the PRGs (NFTs) can be collected. This staking is done on a rolling basis and is related directly to the actual sales of the PRGs (NFTs).

Example:

If a company recovers 100 metric tons of plastic and mints 100 metric tons of NFTs, the minimum staking of each NFT would be as follows:

Period from sale of NFT	% of proceeds of sale to be staked
Month 0 to 3	Up to 100%
Month 3 to 6	Up to 75%
Month 6 to 9	Up to 50%
Month 9 to 12	Up to 25%
After 12 months, the proceeds of the sale of the PRG (NFT) are entirely paid out	Up to 0%

The % of staking is based on certain criteria that Plastiks uses to verify the project. A 10% p.a. interest rate will be paid out in Plastiks during the staked period.

The staking process will apply individually to all NFTs and would apply to companies and waste recovery initiatives that comply with the following information:

- Name of company
- Date of foundation
- Tax ID
- Registered address
- Operating address
- Waste management operating license
- ISO Certification number(s)
- Name of contact person
- Details of contact person

NOTE: To mint Plastic Recovery Guarantees (NFTs), the waste recovery project and / or waste management company must be verified first.

In terms of calculating the amount of the staking, the financial equivalent of the metric tons is calculated according to the following formula:

As an example, should a Plastic Recovery Guarantee (NFT) of one (1) Metric Tons of plastic be recovered and sold, the staked amount would consist of the amount of the

sale of that NFT. By way of example, the equivalency is based on $1.00 USD to 1KG. Thus 1 metric ton would be 100.00 USD equivalent in Plastik and this amount would be staked according to the staking framework:

Period from sale of NFT	% of proceeds of sale to be staked	U$D Dollars collected proceeds of sale of PRG (NFT)
Month 0 to 3	Up to 100%	$0.00
Month 3 to 6	Up to 75%	$25.00
Month 6 to 9	Up to 50%	$50.00
Month 9 to 12	Up to 25%	$75.00
After 12 months, the proceeds of the sale of the PRG (NFT) are entirely paid out	Up to 0%	$100.00

During the staking period 10% yearly interest rate will be applied to all staked amounts.

The need to stake is to enable audit periods up to 12 months from the date of NFT minting (PRG) to ensure that there are no RED FLAGS regarding the PRGs that they have minted into NFTs.

Should red flags appear, audits will be triggered, and ensuing investigations conducted. Should malpractice be identified, the plastic recovery project and/or waste management company will lose their staked amount and will be prohibited from further minting.

Trust Governance

By being part of the Plastiks ecosystem, Plastiks reserves the right to conduct random audits of the verified plastic recovery projects and waste management companies to ascertain trust compliance.

Changes to the ratios of staking can be voted by the community or Plastik holders so that Waste recovery projects and waste management companies can build their trust and reduce the staking ratios as the basis of trust governance.

Waste management and waste recovery projects can be audited by random, or third parties provided they stake the same amount that the company they wish to audit has staked.

Only when a company has successfully sold more than one (1) million metric tons of Plastic Recovery Guarantees, can they operate without staking and their NFTs can be staked free from the beginning of the minting process.

Mechanics:

Plastiks Marketplace:

The Plastiks platform is built on CELO.

What is CELO?

An open cryptographic protocol that allows applications to make transactions with and run smart contracts in a secure and decentralized fashion. The Celo community envisions a platform with sustainability considerations from the ground up through:

- A Proof of Stake consensus algorithm
- Carbon offsetting with each block reward
- Bounties for regenerative behavior
- Natural capital-backed currencies

The Celo blockchain code has shared ancestry with Ethereum and maintains full EVM compatibility for smart contracts. However, it uses a Byzantine Fault Tolerant (BFT) consensus mechanism (Proof-of-Stake) rather than Proof-of-Work and has different block format, transaction format, client synchronization protocols, and gas payment and pricing mechanisms.

The PLASTIK TOKEN has been originally built on CELO.

The deflationary driver of the Plastik token consists of reducing the amount of tokens on a yearly basis. The reduction process consists of linking the real-world data of global plastic production with the real number of NFTs being acquired on the market place so as to achieve the goal of 100% plastic neutrality.

Plastiks' mission is to make sure that by 2050 all plastic production is accounted for and neutralized.

Plastiks: The first Utility NFT Marketplace that fights plastic pollution

Global plastics production was estimated to be 367 million metric tons in 2020. Production in 2020 decreased by roughly 0.3 percent compared with the previous year due to COVID-19's impacts on the industry.

Plastic production: what plastics are and how they are made

Plastics are used in a wide variety of products and have displaced other materials that were previously used for the applications that plastics now dominate such as wood, metal, and glass. It can be formed into polyesters for use in fabrics and textiles, polyvinylidene chloride for food packaging, and polycarbonates for eyeglasses and compact discs, among thousands of other uses. The production of plastic requires four basic steps: the acquirement of raw material, synthesizing a basic polymer, compounding the polymer into a usable fraction, and lastly, molding or shaping the plastic. The production of plastic is quite energy intensive, requiring 62 to 108 mega joules of energy per kilogram based on U.S. efficiency averages. Producing silicon can require up to 235 mega joules per kilogram of material.

China's plastic production stands out among world regions China is the largest plastics producer in the world, accounting for 32 percent of global production in 2020. China currently produces between six and eight million metric tons of plastic products each month. (**SOURCE: https://www.statista.com/statistics/282732/global-production-of-plastics-since-1950/)**

Plastiks' goal is to account for all of the world' s plastic production and as such sets the following formula as a basic hypothesis for achieving total circularity and plastic neutrality: **The yearly amount of Plastic Recovery guarantees minted and transacted has to be equal to the total yearly amount of plastic production.**

Consequently**, Plastiks is implementing a yearly Plastik token reduction strategy based on the amount of plastic being removed from the environment.** Plastiks' tokenomics is driven by: **Supply reduction due to plastic recovery to achieve plastic neutrality.**

2050 Goal: Real Plastic Circularity = Clean all the plastic from the environment

Reference plastic reduction data used for reference Plastik token burn:

Total Plastik Issuance	1,000,000,000
Years left to 2050	27
Tokens earmarked for ecosystem	560,000,000

Yearly tokens sent to burn if 100% yearly output of Recovery Guarantees is archived	35,714,286

Reference plastic production data vs reference Plastic Recovery Guarantee transacted (NFTs sold):

	Tonnes	**Kilos**	**Grams**
Yearly Plastic Production	300 million metric tons	300,000,000,000	300,000,000,000,000
Yearly NFT Output	100 million metric tons	100,000,000,000	100,000,000,000,000

Reference Plastik burn per Plastic Recovery Guarantee (PRG) sold per type of PRG:

Quantity of Plastik Token to burn per transaction of	
PRG of 25KG	0,00298
PRG of 100KG	0,01190
PRG of 1000KG	0,11905

Note: When reach 1 send to Smart contract for burn.

The other drivers behind the Plastik token are:

Governance

Holding to vote on governance of ratios and selection of plastic data sources.
Governance is based on number of Plastik tokens held at moment of voting.

Voting topics include:

1. **Selection of plastic recovery data sources**
2. **Yearly selection of top 3 projects on Plastiks to receive Plastik grants**
3. **Governance questions to be defined by the community and voted on**

Token Utility

The Plastik Token's utility is to ensure that the waste recovery projects and waste management companies that mint Plastic Recovery Guarantees (NFTs) are legitimate, and that Trust can exist in their NFT minting process. The company that wishes to mint Plastic Recovery Guarantees (NFTs) must transact in Plastik tokens. Transacting in Plastik tokens aims to steer the auditing process implemented by Plastiks.io to control operations on a constant basis using of the blockchain and according to specific international standards in order to set up a verifiable positive action.

All waste recovery projects, and waste management companies will have to go through an objective process of homologation prior to be sponsored and provide annual reports of their operations which include financial reports, environmental reports, human resources reports and roadmaps.

These tokens can be converted back to the original currency after a specified duration after which the waste management companies and recovery project´s reputation is consolidated, and staking is no longer required because reporting is verified and ongoing and the funds returned.

The Plastik Token drives the process of the staking of trust principle that is based on the premise that if fraudulent invoices were behind the creation of a Plastic Recovery Guarantee, the staked tokens would be lost and put into the Plastiks treasury to fund waste recovery projects that are verified and consequently the Plastic recovery project would lose them.

The waste management company and / or the waste recovery project will be dissuaded to falsify invoices to be converted into plastic credits as they will risk losing the funds. Thus, this will ensure an added layer of security to the authenticity of the data being uploaded onto the blockchain.

The staking of trust principle is the key to the transparency and accountability of the waste management and recycling industry.

In conclusion, in addition to the use of the Plastik token in minting, listing, buying and selling of Plastic Recovery Guarantee (Utility NFTs), the Plastic recovery projects and Waste Recovery companies to be verified transact in Plastik to empower transparency in the plastics recovery chain and contribute to building trust and confidence in their Plastic Recovery Guarantees responding to the trust building period. The Plastik token´s utility is a trust mechanism to create transparency in the waste management industry at a global level and consequently become more valuable as more and more companies

mint Plastic Recovery Guarantees (NFTs) and thus facilitate the funding of more recovery initiatives.

7. COMMITMENT TO SECURITY & COMPLIANCE

We believe that compliance and security are the foundations of achieving mainstream cryptocurrency adoption. As we develop our business and team, compliance and risk management professionals will implement compliance policies and procedures to ensure full compliance with all regulatory requirements.

We have adopted the “Defense in Depth” culture, where a security and compliance mindset are related to all aspects of our business. Everyone has a role to play in security and we take a holistic approach to cybersecurity; continuously work to manage and mitigate risk.

As the PLASTIKS platform develops, we will be completing the appropriately detailed security assessments, including external penetration testing, threat modelling and risk control reviews. In addition, we will engage the leading third-party security professionals to conduct a thorough external security test to ensure the completeness of their security controls.

Anti-money laundering, counter-terrorist financing, non-proliferation of weapons of mass destruction and sanctions compliance (together, “AML/CFT”) is also very important to us.

Incoming assets

We screen all funding transactions for KYC/ AML/ CFT and sanctions compliance.

Outgoing assets

We screen payout requests for suspicious transaction amounts and velocity to prevent fraud, as well as applying other AML/CFT controls.

Transaction Screening

Transactions above a threshold require manual approval by our operations team. We also screen all fiat and crypto transactions with industry-leading AI & analytics tools and with third party service providers.

Crypto Security

We leverage infrastructure solutions for cryptocurrencies and blockchain applications that are institutional grade including multi-party computation MPC signature technologies. We will deploy a multi-layer security matrix that ensures PLASTIK assets are safe:

MPC (multi-party computation)

A cryptographic technology that allows multiple parties to each hold secret information and then solve a problem that requires the input of all these secrets in a decentralized way, without ever sharing the secret information with one another.

Intel SGX

A hardware-level enclave that isolates selected code and data within a system. Designed to protect the cryptographic material, the cryptographic algorithm, and the execution of sensitive parts of the software from both insiders (such as rogue admins) and hackers.

Signature Policy Engine

Defines how transactions are handled and approved. Itself using SGX and distributing verification across several MPC servers. Policy rules are signed by a quorum of admins and encrypted within SGX; the engine is implemented inside of the SGX enclave, and the code cannot be modified.

Funding Address Authentication Network

An institutional asset transfer network that completely mitigates the risks associated with funding addresses by automating funding address authentication and rotation. PLASTIKS will seek the advanced level certifications for privacy risk management ISO/IEC 27701:2019, information security management ISO/IEC 27001:2013, and the strict security requirements of an information system that stores, transacts with, or accepts cryptocurrencies (CCSS Cryptocurrency Security Standard).

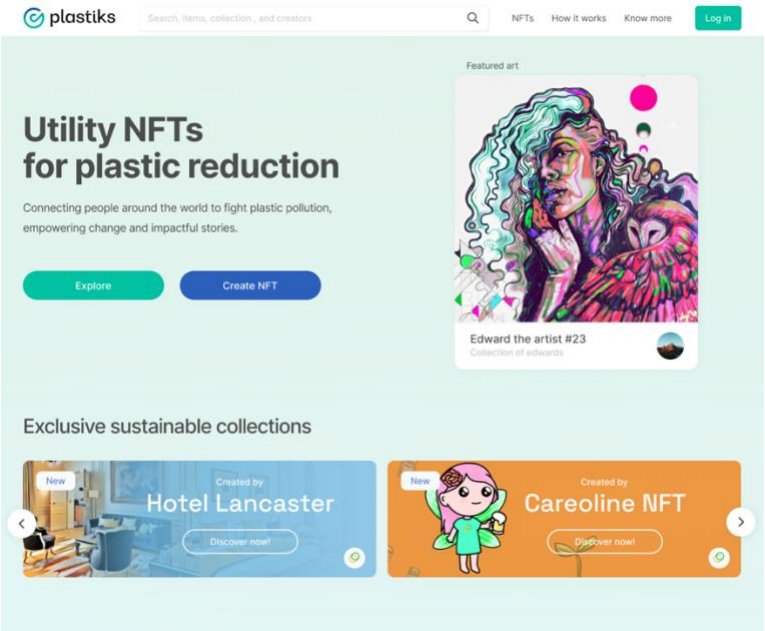
8. NFT MARKET AND UTILITY NFTs

An NFT is a crypto asset, representing an intangible digital item such as an image, video, or **other certificate of authenticity for digital artifacts.** Owners of NFTs are recorded on blockchain, allowing an NFT to be traded as a stand-in for the digital asset it represents.

Here are the facts and figures about NFTs in 2022

- The number of NFT users worldwide: 2,574,302
- Number of NFTs marketed worldwide: 1,197,593
- Global value of the actual NFT market: $21 billion.
- NFT market growth forecast: $174 billion by 2026
- The biggest art NFT sale in the world so far is 'The Merge' by Pak. It sold for $91.8 million.
- The highest financial volume was recorded on May 1, 2022 with $543,781,619 on OpenSea, the largest platform specializing in NFTs.
- Yuga Labs, the company behind the CryptoPunks collection reached the highest financial volume on October 28, 2021 at $538,194,427. (**SOURCE:** Hellosafe, The definitive NFT statistics report 2022)

NFTs are the more resilient blockchain technologies created in the recent years, there are more and more seen in the media, and almost everybody knows already what an NFT is (or at least, have heard about it). This technology is here to stay and could bring value to many industries, although still in early stage, **utility NFTs** are the ones that the Plastiks Marketplace decided to focus on.



Why utility NFTs?

Plastiks is bringing consumer brands and businesses to create utility NFT Collections that unlock benefits for their customers whilst incentivizing plastic recovery and sustainable consumption.

	Percentage increase in supply over the quarter	
	Q1 2021	**Q2 2022**
Art	+20.3%	+7.5%
Collectibles	+35.9%	+15.0%
Gaming	+22.1%	+4.9%
Metaverses	+29.8%	+6.9%
Utilities	+26.9%	+17.4%

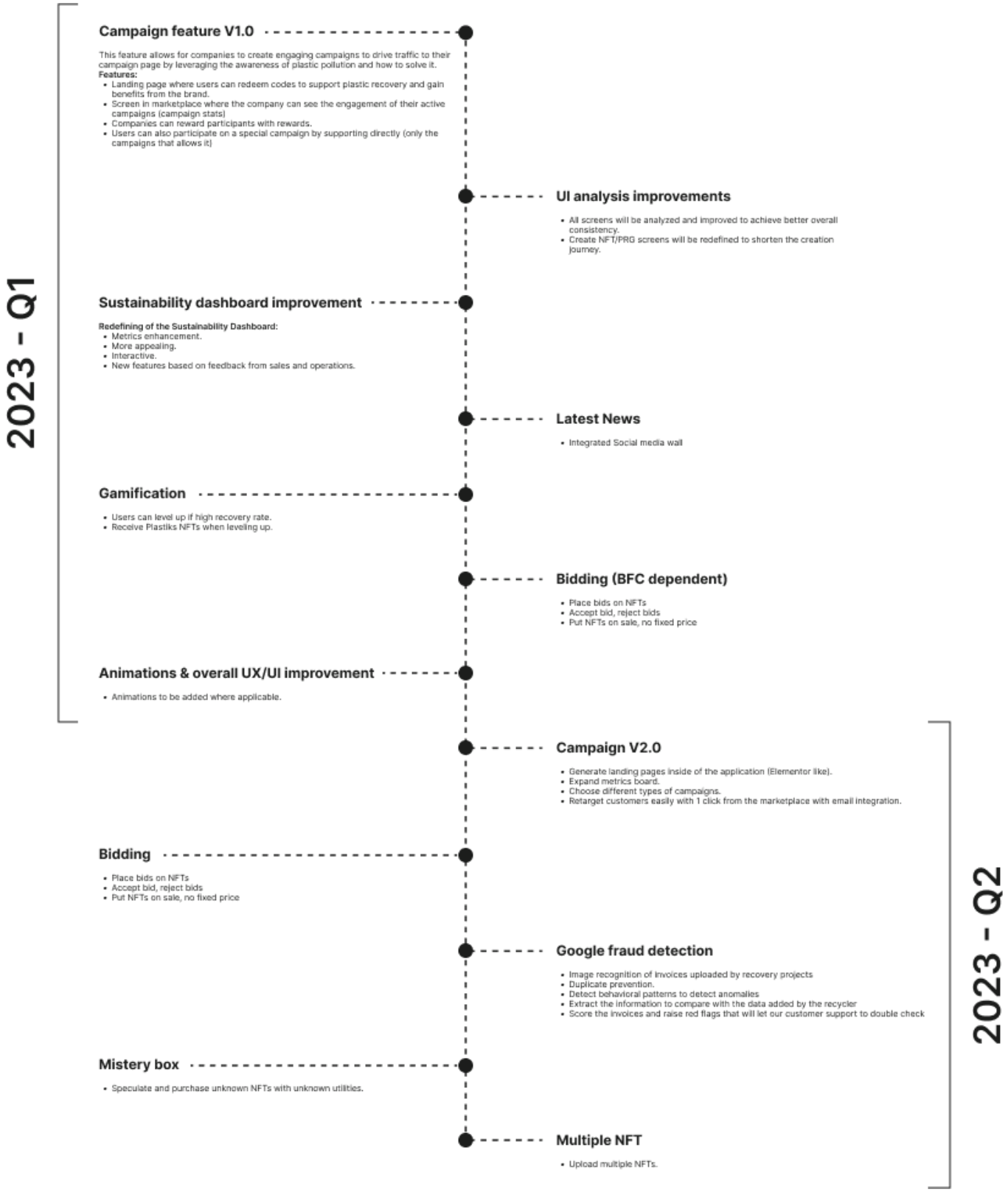
Utility NFTs are increasing more in supply in the Q1 of 2022. Even in a bear market, they keep increasing in supply, more than the other types of NFTs, including collectibles, the type of NFT that move the highest amount of capital.

The Plastiks certification - Plastic Recovery Contributor™

Certifies that an organization is taking a verifiable action against plastic pollution by sponsoring recovery projects committed to reducing plastic waste in the environment.

After buying Plastic Recovery Guarantees, the buyer is granted a certification. The Plastic Recovery Contributor™ can be communicated. A Plastic Recovery Contributor™ also certifies that the sponsored projects are recovering plastic waste where it matters.

9. ROADMAP 2023



10. TEAM

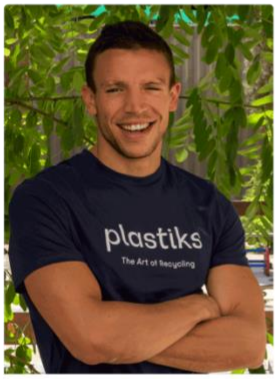
André Vanyi Robin
Co-founder & CEO

Daniel García
Co-founder & CTO

Trym Lyngset
Co-founder & CPO

Johann Dorval
Head of Sales

Sebastian Stockelius
Head of Operations



Mahmoud Hagrass
Head of Business Development

Florence Bouché
Head of Sustainability

Agustín Borthwick
Sustainability Executive

Andrés Lopez
Senior Back-End Developer

Lisa Heffernan
Social Media & Community Manager

Pietro Saveri
Senior Graphic Designer

Donato Espinosa
Senior UX/UI Designer

11. ADVISORS

Alexandre de Beauharnais Romanovski

Alexandre invests, consults and builds companies with highly sophisticated technologies that have the potential to be transformational and impact society. He has has been a climate activist for over 20 years. His mantra is in order to restore dignity to humanity we must focus on five pillars: Education, Healthcare, Housing, Water and Food Security. With this in mind, he is mobilising his network of financiers, philanthropists, influencers and youth climate activists to band together and usher in the green economy with coordinated efforts and radical collaboration

Victor Monreal Descarrega

Victor Monreal is a born entrepreneur, a serial entrepreneur, who has a long history in the business world and has developing many successful technology ventures. An expert in wealth management, and more specifically in real estate developments, he has maximized the value of his assets under management by developing turn-key vertical projects in land management. He is the CEO-President, of Monrealia Group which manages real estate assets worth 2.7 Billion US dollars. He is also the CEO of Orchestraz a Venture Builder specialized in accelerating digital projects, and technological Start-Ups focused on the field of digital assets and the Blockchain ecosystem. He is also the CEO and founder of the cryptocurrency EXCHANGE Metodo Bitcoin created 100% in Barcelona and with a global vision, with operations today throughout Europe and growing rapidly in LATAM.

Martin Poblete

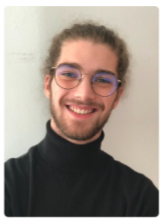
Martin Poblete is a lawyer, economist and investor. He has been in the world of investments for more than seven years, starting his first investments in the stock market, stock indexes and commodities. Now he is currently focused on the world of cryptocurrencies, NFTS and the Metaverse. Today, he is the CEO and Founder of his own company called HOLDERS&BROTHERS, a company dedicated to the formation, analysis and study of cryptocurrencies; to the provision of services regarding crypto assets; to the crypto active mining activity; economic and tax advice on crypto assets.

Josep Maria Tost i Borràs

Board member of various municipal entities in Catalonia (FMC and ACM) and Spain (FEMP). Former Director of the Waste Management Agency of Catalonia. He has held several political positions since 1991, including Mayor-President of his home town, Riudecanyes, between 1995 and 2019.
Member of the government of his Department (Regional Council of Baix Camp) between 1997 and 2003.Vice-president and Deputy of Finance, Environment in the Provincial Council of Tarragona, between 2003 and 2007.
Member of the Board of Directors and working commissions of different municipal entities in Catalonia (FMC and ACM) and Spain (FEMP).
Director of the Waste Agency of Catalonia between 2011 and 2021.
Vice President of the ACR + (Association of Cities and Regions for Recycling and Sustainable Resource Management), based in Brussels, 2011 to 2021.
President of the company Gestora de Escobros de Catalunya, a joint venture that manages the collection and recycling of construction and demolition waste, 2011/2021.
Founder in 2003, former president and current board member of the Association of Catalan Municipalities for door-to-door selective collection.

Juan Zaffora

Professional in the social innovation sector, with more than 10 years of experience in Europe and Latam. He is an Economist (Univ. Nacional del Sur, Argentina) with a postgraduate degree in Social Economy (Univ. Alberto Hurtado, Chile) and a Master's Degree in Entrepreneurship and Innovation (University of Barcelona, Spain).
Currently, he is Regional Coordinator of Startups at EIT Food for Southern Europe, associate professor at Pompeu Fabra University (Barcelona) and visiting professor in other training programs (Toulouse Business School, GBSB, Learning by Helping). He is also advisor of ImpactLatam.co, one of the leading initiatives in Latin America gathering the impact entrepreneurship ecosystem. He has previously managed the Tech4Climate startup acceleration program at the Ship2B Foundation (Spain) and has been a partner at Ematris Consultores (Chile), certified as Company B in 2013.



Vlad Martin

Vlad is a student of Computer Science (Hons) at King's College London and studied a BSc in Astrophysics and Quantum Computing at the University of Manchester. He has been involved in the blockchain space since 2017, and more broadly, is interested in how the synergies between disruptive technologies and business ecosystems accelerate each other to make the world a better, fairer, and more sustainable place. Vlad has joined Plastiks.io as an advisor following Nozama.green's participation in Circklo's Business Configurator Academy.

Albert Bosch

Among many other adventures, has crossed Antarctica unassisted from the coast to the South Pole (1.152Km. – 98% Solo); has completed the '7 Summits' project (Climbing the highest mountain of each continent, finishing at the top of Mt.Everest); has participated in 9 Dakar Rallies (2 with Motor-Bike & 7 with Car) where in 2015 he became the first pilot in history to drive a 100% Electric car in the Dakar Rally; he is a regular Ultra Marathons runner, and has done more than 100 races & challenges in different extreme sports.
First person who used Blockchain in a sport challenge, creating the 1st NFT of a personal challenge in history.
He is an entrepreneur since he was 26 years old, and in 2004 founded INVERGROUP as a platform to manage and promote projects in the field of clean energy and environment.
In both fields he has achieved some remarkable successes, but also has accumulated a large number of failures which he accepts with pride, because they are also part of his life evolution.
Both in the adventure and entrepreneurship, he keeps always committed to strong values of sustainability.
He likes challenges, prepare thoroughly to get them, and organize the project to get the best result from both the sporting challenge as professional or personal level, and always with a sincere commitment to sustainability and achievement of results, spreading awareness or attitudes the responsible leadership and of respect for the environment.
Albert was born in 1966 in Sant Joan de les Abadesses (Girona-Catalonia-Spain). His biggest adventure: family with 3 kids. He studied Business and M.B.A. in E.S.A.D.E.

Sébastien Revault d'Allonnes

A French and British national, belonging to the Paris bar association, he has practiced law for more than two decades. He has taken part in numerous legal debates, taught at University and committed to the betterment of legal practice in his field of expertise.

11.1. ADVISORS

Fiona Delaney

CEO and founder of Origin Chain Network, recognised 'ones to watch' in European agri-tech and open innovation. 2020 winners of both EU Standards and Innovation Award and national Irish Innovation Award for contributions to the field of agriculture and technology. Supported by the European Institute of Innovation & Technology.
With a former career in the arts and film industry, Fiona is also an advisor and consultant specialising in designing blockchain-enabled systems 'in the wild' with a particular interest in the culture and community aspects of decentral ecosystem innovation.
Co-author and contributor to numerous publications and standards in the field of decentral technologies. Strong commitment to open-source standards and open software development. Recently appointed Co-Chair of EUOS Standards Observatory Blockchain WG and Chair at Blockchain Ireland #Startups working group.

Russel Shen

With over nine years of experience in capital markets and vast knowledge within the blockchain space, Russell Shen is established and well connected. With a passion for a better tomorrow, Russell joined Plastiks in 2022 as a Strategic Advisor for VC relations and will assist in the project's future capital raising and more.

Ian Scarffe

Ian Scarffe is a serial entrepreneur, investor and consultant with business experience from around the world.
As a leading entrepreneur, Ian is on a personal mission to develop a culture of entrepreneurship, helping startups achieve their full potential as well as helping to expand existing companies. Ian has founded 'Binkplus', a startup incubator in Europe.
Ian is an Independent Expert at the European Commission – Horizon 2020.
A leading expert in Startup, Investment, Fintech and Blockchain industries. Ian currently consults and advises for a range of multi-million dollar companies.
Ian's overall mission is to foster a society of economically independent individuals who are engaged citizens, contributing to the improvement of their communities across the world.
A passion for customer service, wealth of knowledge and vast amounts of hands-on experience in almost every role, means Ian has valuable insight into millions of customers, proving him to be a valuable asset to companies across the globe.
Ian is a Top Global Influencer in Blockchain and Fintech.
Top Ranked Member of Global List – People of Blockchain.

12. CONCLUSION

Plastiks is aiming to become **the world standard in plastic recovery guarantees by providing a uniform and homogeneous approach to data transparency by leveraging Web3.0 technologies.** Plastiks enables Plastic recovery projects across the world to convert the invoices generated during the course of their existing activity.

Their activity consists of collecting waste and sorting the waste that can be sold as a prime resource to the recycling industry so that waste can be used to make new single use packaging. During the course of this activity, the Plastic recovery projects are generating invoices which Plastiks enables to be converted into and NFT. The NFT becomes the **Plastic Recovery Guarantee (PRG)** which is bought and sold on the Plastiks marketplace.

The NFT that is minted and put for sale on the Plastiks marketplace is a **Plastic Recovey Guarantee** which is a transferable unit representing a specific quantity of **plastic that has been collected and recycled from the environment.**

Our mission is to fight global plastic pollution and contribute to Sustainable Development Goals (SDGs).

How do we do that?

We created a verifiable and transparent plastic credit platform based on blockchain and NFT technologies, that allows companies to directly support recovery projects in regions that lack infrastructure to remove plastic waste from the environment.

How it works:

1. Companies set a goal of recovery and choose a recovery project to support, within the Plastiks ecosystem.
2. Each time plastic is recovered by the recovery project, a Plastic Recovery Guarantee (PRG) is generated based on the invoice data and credited to the real-time sustainability dashboard of the client, to achieve his goal.
3. The PRG is a verifiable and visual guarantee in the form of NFT that carries the plastic recovery and recycling data at all times on the blockchain.
4. Supporting plastic recovery directly helps the recovery projects to grow their environmental and social impact, and in exchange, companies can give back to the environment, be responsible for their plastic footprint and show their commitment to sustainability.

Benefits for companies:

- The ability to take immediate and verified actions against plastic pollution to meet your ESG goals.
- Incorporate environmental stewardship into your offering to meet customer needs.
- Share your positive impact with your customers and increase customer engagement.
- Empower your customers to be part of the solution to tackle plastic pollution.

Benefits for the verified recovery projects:

Grow the environmental Impact:

- Increase activity and recover more plastic
- Improve infrastructure and capacity
- Acquire new machines and equipment tools
- Open new recovery locations

Grow the social impact:

- Employ more people with low job opportunities
- Offer dignified jobs to informal waste pickers
- Bring social dignity and inclusion to the community
- Provide education about recycling and circularity

The Plastiks Token is engine behind the drive to transparency and the effectiveness of plastic recovery at a global level.

plastiks

The web3 ecosystem that
connects and enables
people around the world
to fight plastic pollution