Green Bio Token

Whitepaper

Technical documentation of the Green Bio Token project —
an ecosystem for tokenizing environmental processes in the
agro-industrial complex

1 Introduction

Green Bio Token (GBIO) is an ecosystem for tokenizing environmental processes in the agro-industrial complex and related industries. The project is designed to introduce transparency, economic motivation, and digital accounting of the complete product lifecycle: from production and waste disposal to the end consumer.

GBIO bridges the real economy (agriculture, recycling, engineering) with Web3 technologies, creating a new class of digital assets tied to physical processes and verified by blockchain.

> The key feature of the project is transforming environmental costs (disposal, recycling, carbon footprint reduction) from 'hidden expenses' into a measurable, marketing-worthy, and economically valuable asset.

2 Market Problems

Lack of Transparency

Consumers pay for environmental costs in the product price but have no information about origin, waste disposal, or environmental impact.

Ecology as Expense

For producers, waste disposal is a mandatory but unprofitable part of the cost structure that creates no additional value.

Low Loyalty

Most products compete exclusively on price rather than values and long-term customer relationships.

3 | The Green Bio Token Solution

GBIO offers an ecosystem where every environmental process is digitally recorded, physical goods receive 'digital passports', eco-friendly behavior is rewarded with tokens, and waste disposal becomes a source of income.

Ecosystem Components

Green Bio Token (GBIO)

Utility and incentive token

NFT Passports

Digital product passports

QR Identification

Linking physical goods to blockchain

Unified Platform

Accounting, rewards, and analytics

4   Ecosystem Architecture

4.1 Digital Product Passport (Product Passport NFT)

Each product batch receives an NFT containing the producer identifier, waste disposal date and volume, calculated environmental impact, and link to the specific product batch. The NFT serves as proof of origin and product sustainability.

4.2 QR Identification

The physical product is marked with a QR code that links the packaging to the NFT, allows consumers to access information and rewards, and prevents data tampering.

5 GBIO Token

Name Green Bio Token	**Ticker** GBIO
Standard BEP-20	**Network** BNB Smart Chain

Initial Distribution (1,000,000,000 GBIO)

● Consumer Rewards	**40%**
● Ecosystem Development Fund	**30%**
● Team & Strategic Partners (vested)	**20%**
● Reserve Fund	**10%**

6 Economic Model

For Consumers

- Scans QR code and receives GBIO as cashback
- Receives NFT eco-contribution certificate
- Accumulates status and community access

For Producers

- Product differentiation and margin growth
- Marketing tool and additional revenue
- Waste disposal becomes a source of tokens

7 Sustainability Mechanisms

1 Limited emission

2 Real utility value

3 Growing demand as ecosystem expands

8 Legal Framework

The project operates under the legislation of the Republic of Belarus: HTP residency, compliance with Decree No. 8, transparent operations, interaction with legal exchanges and banks.

> GBIO is not a security but is used as a utility digital asset within the ecosystem.

9 Roadmap

1   **Phase 1 — Launch**
Token release, basic platform, producer pilot

2   **Phase 2 — Development**
NFT passports, reward system, mobile version

3   **Phase 3 — Scaling**
Exchange and bank integration, regional scaling

4   **Phase 4 — Globalization**
International expansion, new waste types, DAO governance elements

10 Long-Term Vision

Green Bio Token is the foundation of a digital environmental holding that:

- tokenizes waste recycling

- connects producers and consumers

- builds a sustainable development economy

- scales across industries and countries

Ecology stops being an expense and becomes a value confirmed by data and blockchain.