



# SynergyRecycle.B

*Revolutionizing Recycling with Technology*

**You Do It, You Get It**

*Public Whitepaper*

Version 1.0 - November 2025

# Introduction

Plastic pollution represents one of the most pressing environmental challenges of our time. Every year, approximately 8 million tons of plastic end up in the oceans, threatening marine ecosystems and planetary health.

SynergyRecycle.B (SRb) addresses this crisis with an innovative approach that combines advanced technology, economic incentives, and digital infrastructure to transform recycling from a duty into an opportunity.

**Our mission: make recycling accessible, rewarding, and traceable for everyone.**

## The Problem

### Global Recycling Crisis

- Each person uses more than 5 beverage containers daily
- Single-use containers account for 60% of total waste volume
- 1 million bottles sold every minute worldwide
- Only 30-50% is actually recycled in Europe

### Current Inefficient System

- Lack of direct economic incentives for citizens
- Complexity in material sorting
- Poor traceability of recycled material pathways
- Fragmented and poorly organized collection

## The SRb Solution

SynergyRecycle.B creates a complete ecosystem that incentivizes recycling through:

### Integrated System

1. **Advanced Collection Devices:** Technological drop-off points that automatically count recycled materials
2. **Mobile App:** User-friendly interface to earn and manage tokens
3. **Distributed Technology:** Complete traceability and secure transactions through immutable digital ledgers
4. **SRb Token:** Real economic reward for every recycling action

### Measurable Benefits

- 85% reduction in waste volume through compaction
- Significant energy savings: 1 ton recycled PET = 5,774 kWh saved
- Reduced CO2 emissions from transport and production
- Creation of economic value for citizens

# How It Works

The SRb system is designed to be simple and accessible to everyone, from ages 7 to 99:

## For Users

1. **Download the app** SRb from App Store or Google Play (free)
2. **Register** with email and password (quick process)
3. **Find a collection point** near you using the integrated map in the app
4. **Start the session** via QR code on the drop-off device
5. **Drop off materials** (PET bottles, cans) at the collection point
6. **Receive SRb tokens** immediately in your digital wallet

## What You Can Do with Tokens

- **Convert to Euro:** Exchange tokens on digital platforms and withdraw to your bank account
- **Environmental donations:** Contribute to reforestation and ocean cleanup projects
- **Governance:** Participate in decisions about the project's future

# Technology

## Technological Infrastructure

SRb uses advanced distributed ledger technologies to ensure:

- **Extreme speed:** Thousands of transactions processed every second
- **Minimal costs:** Fees below €0.01 per transaction
- **Eco-friendly:** Low energy consumption technology
- **Security:** Digital contracts verified and audited by external experts

## SRb Token: Utility Token

The SRb token is classified as a Utility Token, compliant with European regulations. It is not a financial instrument, but a reward for positive environmental actions.

Feature	Detail
Total Supply	100 billion SRb (fixed)
Technology	Advanced distributed ledger
Classification	Utility Token
Sustainability Mechanism	Fees directed to Green Treasury

# Roadmap

Our expansion plan is structured in strategic phases:

## Phase 1: Pilot Launch (2025-2026)

- Deployment in selected cities in Sicily
- Installation of first technological drop-off points
- Onboarding of first retail partnerships
- Public launch of mobile app in the first half of 2026

## Phase 2: Regional Expansion (2026-2027)

- Southern Italy coverage
- Collection point network expansion
- Launch of SRb for Business program
- Partnerships with universities

## Phase 3: National Scale (2027-2028)

- National coverage in Italy
- Launch of SRb for Schools program
- Listing on centralized exchange platforms
- Operational break-even achievement

## Phase 4: European Expansion (2028+)

- Launch in Spain, France, Germany
- Multinational partnerships
- Mature ecosystem with third-party applications

# Environmental Impact

Every action on SRb generates measurable impact:

Action	Savings	Equivalent
Recycle 1 PET bottle	Energy for 25 min PC	~30 grams CO2
Recycle 1 can	Energy for 2 hours TV	~170 grams CO2
Recycle 1 ton PET	5,774 kWh energy	13 trees saved

**The app displays your personal impact in real-time: CO2 saved, trees saved, energy conserved.**

# Frequently Asked Questions

## How do I earn tokens?

You earn 1 SRb token for each bottle or can recycled. The system applies bonus multipliers based on time slots, frequency, and loyalty.

## How much are tokens worth?

The value is determined by the market on exchange platforms. Tokens represent a reward for recycling actions, not a speculative investment.

## Is the app free?

Yes, completely free. There are no costs for download, registration, or using collection points. The only minimal fees are those of the underlying technology (approximately €0.001).

## Is it safe? Is my data protected?

Yes. SRb is GDPR compliant. Personal data is encrypted and never shared with third parties. The technology ensures pseudonymity: transactions are public but not linked to your identity.

## Where can I use tokens?

You can convert tokens to Euro on exchange platforms, donate them to environmental causes, or use them to vote on project governance decisions.

## Are there recycling limits?

There is a standard daily limit of 100 units per user, which can increase for consistently active users. This ensures fairness and system sustainability.

## What if I lose my phone?

If you saved your recovery phrase (12 words), you can restore your wallet on a new device. Without the recovery phrase, tokens are unrecoverable - treat it like your house keys.

# Benefits for Everyone

## For Citizens

- Immediate economic reward for every recycling action
- Real-time display of personal environmental impact
- Gamification with challenges, badges, and leaderboards
- Active participation in project governance

## For Retail Partners

- Increased customer traffic (estimated +15-20%)
- Strengthened corporate sustainability image
- No installation or maintenance costs

- Possibility of revenue sharing on recycled materials

## For the Environment

- Drastic reduction in waste ending up in landfills or oceans
- Energy savings and reduced CO2 emissions
- Promotion of circular economy
- Green Treasury funding reforestation projects

## Team

SynergyRecycle.B is led by a team of professionals with experience in digital technology, business development, and environmental sustainability.

The team combines advanced technical skills with a deep passion for positive environmental impact, working to create a scalable and sustainable solution.

## Technological Partnerships

### Technological Infrastructure

SRb collaborates with leading technology providers to ensure speed, security, and energy efficiency for the entire ecosystem.

## Conclusion

SynergyRecycle.B represents an innovative and scalable solution to the global plastic waste crisis. By combining advanced technology, economic incentives, and digital infrastructure, we make recycling accessible, rewarding, and traceable for millions of people.

Our motto 'You Do It, You Get It' embodies the project's philosophy: every recycling action has direct economic value and contributes to a cleaner planet.

**Join us in the recycling revolution.**

# Contacts

## Website

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## Social Media

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Twitter: [@SynergyRecycl](https://twitter.com/SynergyRecycl)

LinkedIn: [SynergyRecycle.B](https://www.linkedin.com/company/synergyrecycle-b/)

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