

Whitepaper 2025

Active asset
Decentralization

The Watt Factory Limited

Hilde Watty (hilde@Crbcoin.com)
Werner van Bakel (werner@Crbcoin.com)
Maarten Gosselt (maarten@Crbcoin.com)
Sam Warburton (sam@Crbcoin.com)

Crbcoin is leading the charge by bringing fully regulated carbon offset projects into the core of the crypto world – making climate action investable, traceable, and blockchain-powered.

Preamble / Mission Statement

Crbcoin, issued by The Watt Factory Limited, is a purpose-driven blockchain initiative designed to bridge climate action and financial innovation. Based in Malta and operating as a legally registered for-profit entity, The Watt Factory Limited focuses on the development, funding, and commercialization of verified carbon offset projects, empowering global users to participate in the carbon market through decentralized and transparent infrastructure.

By introducing Crbcoin, an asset-backed utility token tied to real-world environmental performance, the company brings regulated carbon offset projects directly into the heart of the crypto ecosystem. This allows both retail and institutional users to engage with high-integrity carbon credits, backed by traceable, auditable project outcomes.

As a developer and active investor in sustainability projects, The Watt Factory Limited aligns with the long-term targets of the Paris Agreement (2050) by accelerating carbon reduction initiatives, with a specific focus on emerging economies. The company's initial operations begin in Malawi, with a portfolio of clean water access programs that generate high-quality, verifiable carbon credits while improving public health and economic resilience.

The voluntary carbon market – currently valued at \$80 billion – is on a steep growth trajectory, with top-tier analysts forecasting expansion beyond \$1 trillion. Crbcoin is positioned to capture this momentum by transforming carbon credits into accessible, blockchain-based digital assets, opening the door to scalable global participation in environmental impact.

In doing so, Crbcoin redefines how sustainability is financed – making climate-positive investing transparent, efficient, and inclusive.

Problem

The Paris Agreement (2050) mandates a significant reduction in global CO₂ emissions to limit the rise in global temperatures to a maximum of 1.5°C. However, current progress toward these climate targets remains insufficient. Despite growing awareness, the development of carbon offset projects continues to be hindered by high financial and regulatory entry barriers – particularly in emerging markets. These barriers exclude most retail investors and smaller institutions from participating in or funding credible climate solutions, leaving the carbon offset market concentrated in the hands of a few.

Solution

The Watt Factory Limited addresses this challenge by launching Crbcoin – an asset-backed utility token engineered to democratize access to the regulated carbon offset market. Crbcoin allows investors of all sizes to directly engage with high-integrity carbon offset projects, benefiting from both environmental impact and financial incentives.

Through blockchain-enabled transparency, traceability, and efficiency, Crbcoin opens the carbon market to a global audience. This fosters broader participation, accelerates project development, and brings the world a step closer to meeting its collective climate targets under the 2050 Paris Agreement.

History

The foundation of The Watt Factory Limited is rooted in the unique and inspiring journey of its founder, Hilde Watty. Renowned for building one of Europe's most successful high-net-worth matchmaking firms, Hilde spent over a decade connecting influential individuals around the world. Her work gave her unparalleled access to global networks of investors, visionaries, and changemakers.

However, Hilde's ambitions evolved beyond luxury services and elite circles. In 2022, driven by a desire to create lasting environmental and social impact, she pivoted her focus toward sustainability and climate action. It was during a trip to Senegal that she witnessed firsthand the daily struggles caused by environmental degradation—particularly the lack of clean cooking solutions and safe drinking water. These encounters became the catalyst for a radical new mission: to make carbon offsetting more inclusive, more transparent, and truly impactful on the ground.

With that goal, Hilde founded The Watt Factory Limited, launching its first pilot projects in Senegal. The company invested in cookstove distribution, water purification technologies, and biogas systems—solutions that not only reduce emissions but also improve the quality of life in underserved communities.

To scale these efforts globally, Hilde combined her business acumen with cutting-edge blockchain technology, giving rise to Crbcoin: a utility token designed to open access to the regulated carbon market for everyday investors.

As the company grew, Maarten Gosselt, a veteran of the carbon markets, joined the leadership team. A chemical engineer by training, Maarten previously built a multi-million-euro carbon desk at Olyx and now leads institutional carbon sales for governments and corporates alike. His arrival brought immediate traction in compliance markets.

Soon after, Sam Warburton, one of the most influential figures in global carbon trading, came aboard. With over a billion dollars in carbon trades and deep experience across both public and private sector projects, Sam's involvement elevated Crbcoin's reputation and reach.

Together, this leadership team transformed a grassroots initiative in Senegal into a global climate-tech movement—delivering high-quality carbon projects, financial access, and measurable impact under one integrated platform.

Introduction to Carbon Markets

Carbon markets are a critical instrument in the global effort to achieve net-zero emissions. They function as financial and regulatory tools that incentivize companies to reduce their carbon footprint, improve operational efficiency, and invest in sustainable technologies.

As the price of carbon increases, so does the cost of polluting – encouraging industries to adopt low-emission practices and technologies more rapidly. Moreover, carbon pricing fuels investment in verified carbon credit projects, directing capital toward high-integrity methodologies with measurable environmental benefits.

At their core, carbon markets are designed to hold emitters accountable for their greenhouse gas emissions and stimulate reductions that actively combat climate change.

Two Key Market Models

1. Compliance Carbon Markets

In regions like Europe, the EU Emissions Trading System (ETS) operates under a regulated cap-and-trade model. Companies are required to purchase and trade emissions allowances, and the overall supply of permits decreases over time. This makes pollution more expensive and drives companies to reduce emissions to remain competitive.

2. Voluntary Carbon Markets (VCM)

Alongside compliance systems, the voluntary carbon market enables private companies and individuals to offset emissions by purchasing verified carbon credits issued by standards such as Verra and Gold Standard. Each credit represents the reduction, avoidance, or removal of one metric ton of CO₂ (or its equivalent).

Crbcoin's Role

The Watt Factory Limited recognizes the enormous potential of carbon markets to drive sustainable change. Through its platform and the launch of Crbcoin, the company facilitates broad-based access to the carbon credit economy – empowering individuals and institutions to actively participate in verified, impact-driven climate solutions.

A Growing Market Opportunity

With an estimated value of over \$800 billion, the global carbon market has evolved into a dynamic financial ecosystem. Carbon credits, as standardized units representing one metric ton of CO₂ reduced or removed, are at the core of this ecosystem and are now recognized as a key mechanism for financing climate solutions.

According to McKinsey & Company, the carbon market could grow to \$1.2 trillion by 2050. Several key factors are contributing to this remarkable expansion:

Growth Drivers

- **Regulatory Developments**
Governments are introducing stricter climate policies, including cap-and-trade systems, carbon taxes, and renewable energy mandates – all of which drive demand for carbon credits.
- **Technological Advancements**
Innovation in clean energy, energy efficiency, carbon capture, and sustainable agriculture is lowering the cost of emissions reduction, expanding the types of eligible projects, and making carbon credits more scalable.
- **Corporate Sustainability Commitments**
Companies across industries are pledging to become carbon-neutral. Carbon credits provide a flexible, measurable, and cost-effective path toward fulfilling those pledges.
- **Financial Sector Engagement**
Institutional investors, banks, and climate funds are entering the space, treating carbon credits as a new asset class. This unlocks funding for large-scale environmental projects with both impact and return potential.
- **Consumer Demand**
As consumers demand greener products and carbon-neutral services, companies are motivated to offset emissions to meet these expectations and differentiate themselves in the marketplace.

Outlook

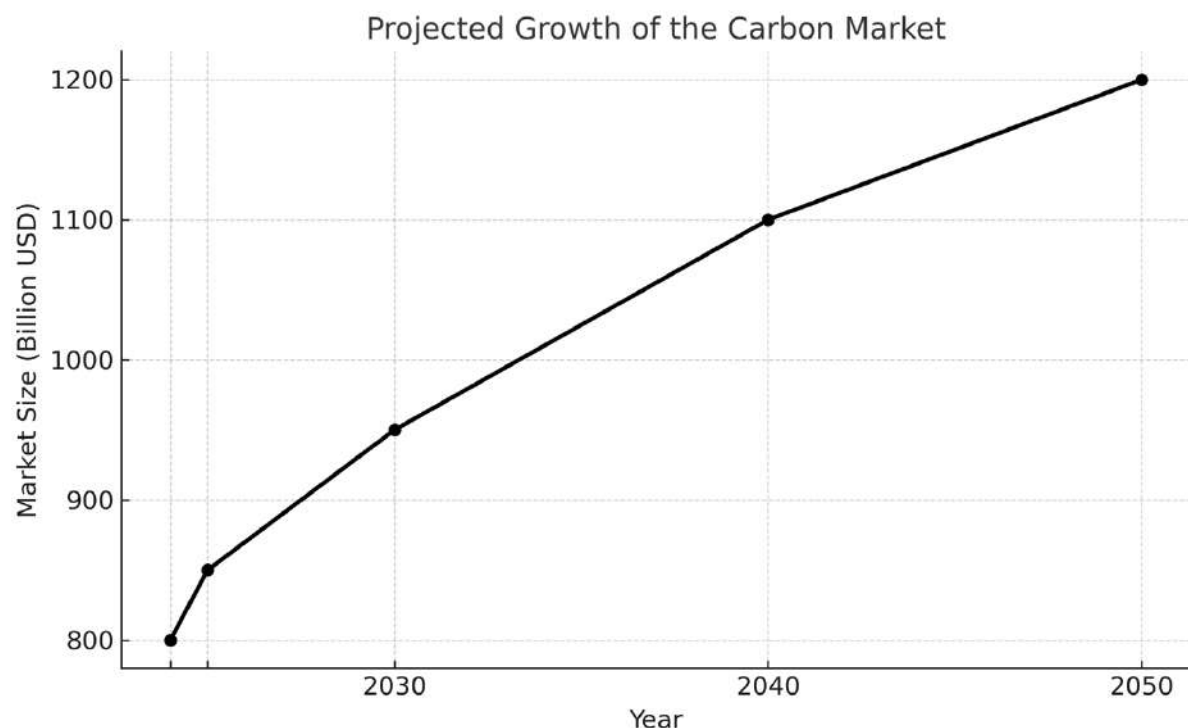
Despite significant growth over the past decade, the carbon market remains underutilized and poorly understood by the general public. Crbcoin seeks to change this by building a transparent, decentralized, and inclusive platform that enables anyone—from retail investors to institutional players—to participate directly in the climate economy.

By lowering barriers to entry and connecting verified carbon offset projects with global capital, Crbcoin is positioned to play a vital role in scaling meaningful climate action – one token at a time.

The importance of this mission is reinforced by leading global consulting firms, who see carbon markets as a cornerstone of future sustainability finance:

- PwC notes that the voluntary carbon market could "grow 15-fold by 2030," reaching a value of \$1.5 trillion as companies ramp up their net-zero pledges and carbon neutrality goals.
- Deloitte projects that carbon credit demand could increase 100-fold by 2050, as both public and private sectors align to meet the goals of the Paris Agreement.

As regulations tighten and sustainability moves from optional to essential, Crbcoin stands at the intersection of environmental impact and technological innovation—unlocking carbon market access for the many, not just the few.



Market Dynamics: Supply Side of Carbon Credits

The supply side of the carbon credit market refers to the origin and issuance of carbon credits, which represent verified reductions or removals of greenhouse gas emissions. Understanding how these credits are created and supplied is essential to grasping the mechanics of the carbon market.

Carbon Offset Projects

The primary source of carbon credits comes from carbon offset projects – initiatives that reduce, avoid, or remove CO₂ and other greenhouse gases from the atmosphere. These projects span a wide range of activities, including:

- Renewable Energy: wind, solar, hydro
- Energy Efficiency: infrastructure upgrades, clean cooking
- Forestry: afforestation, reforestation, avoided deforestation
- Methane Capture: from agriculture and landfills
- Carbon Capture & Storage (CCS): industrial or geological CO₂ removal

Project Types and Methodologies

Each offset project is categorized based on the methodology used to measure emission reductions. Common project types include:

- Renewable Energy Projects
- Energy Efficiency Projects
- Forestry & Land Use Projects
- Agriculture and Soil Management
- Industrial Gas Destruction

These categories determine how carbon credits are calculated and validated.

Project Certification

Before carbon credits can be issued, projects must undergo strict certification and third-party verification processes to ensure accuracy and legitimacy. Leading standards include:

- Gold Standard
- Verified Carbon Standard (VCS by Verra)
- Clean Development Mechanism (CDM)

- Climate Action Reserve (CAR)

These standards define the rules for project design, monitoring, reporting, and independent verification.

Carbon Credit Issuance

Once certified, carbon credits are issued based on verified emission reductions, with each credit representing one metric ton of CO₂ equivalent (tCO₂e) removed or avoided. These credits become tradable assets in both primary and secondary markets.

Secondary Market & Liquidity

After issuance, carbon credits can be resold on the secondary market, enabling companies, governments, and investors to:

- Offset emissions voluntarily or for compliance
- Meet corporate sustainability goals
- Trade for speculative or hedging purposes

The secondary market adds liquidity, flexibility, and price discovery to the carbon ecosystem.

International vs. Domestic Markets

Carbon credits are traded in both:

- International markets, such as the EU Emissions Trading System (EU ETS), which span multiple countries
- Domestic markets, which are regulated nationally or regionally and may operate with their own standards and mechanisms

Factors Influencing Supply

The volume and pace at which carbon credits are supplied to the market depends on several variables:

- Regulatory developments and compliance requirements
- Availability of project financing and investor appetite
- Technological innovation in emissions reduction
- Market demand and credit pricing
- Geopolitical stability and climate policy enforcement

Strategic Role in Climate Action

The supply side of carbon credits plays a vital role in enabling large-scale emission reductions. By incentivizing investment in low-carbon technologies and verified climate projects, it acts as a powerful driver for sustainable development, particularly in emerging markets where cost-effective impact is highest.

The Watt Factory Limited, through the Cribcoin ecosystem, is directly engaged in supporting this supply pipeline – sourcing, verifying, and tokenizing carbon credits with full transparency and traceability.

Demand Side of Carbon Credits

The demand for carbon credits is driven by global corporations, institutions, and governments striving to reduce their environmental impact. Industry leaders across sectors actively participate in the carbon market to meet climate commitments, hedge against emissions costs, and enhance their sustainability reputation.

Here's how major players are shaping demand:

- Google – Google has committed to operating fully on renewable energy and achieving carbon neutrality across all operations. The company invests in renewable energy projects and purchases carbon offsets and Renewable Energy Certificates (RECs) to compensate for residual emissions – making it a regular participant in both voluntary and compliance markets.
- Shell – As a global energy giant, Shell uses carbon trading to align with environmental regulations and internal emission reduction targets. The company invests in carbon capture and storage (CCS), renewable energy, and offsetting programs, and actively trades carbon allowances to balance its operational footprint.
- Tesla – Tesla, a pioneer in sustainable transport, generates carbon credits through the production and sale of zero-emission electric vehicles. These credits are monetized in markets like the U.S. Zero Emission Vehicle (ZEV) program and support the company's broader vision for a low-carbon future.

Market-Wide Trends

Beyond these examples, thousands of corporations worldwide are adopting net-zero targets and using carbon credits as a flexible tool to meet those goals. This growing demand fuels market expansion and improves liquidity – helping fund new offset projects and scale climate innovation.

As participation grows, carbon credits are increasingly seen as a strategic asset – valued not only for compliance but also for brand differentiation, stakeholder engagement, and ESG investment.

Barriers to Entry for Investors

Despite its growth potential, the carbon market remains inaccessible to many smaller or first-time investors due to structural and regulatory challenges. Key barriers include:

Regulatory Complexity

The market operates under a fragmented mix of international, national, and voluntary standards. For new entrants, navigating these frameworks requires legal and technical expertise.

High Transaction Costs

Costs for project validation, verification, registration, and brokerage often total thousands of dollars, posing a significant barrier for smaller participants.

Limited Market Access

Investors in emerging economies may lack access to trading platforms, clear information, or necessary infrastructure to participate.

Market Volatility

Prices fluctuate based on policy changes, macroeconomic factors, and investor sentiment – making carbon credits a high-risk asset class without clear hedging options.

Information Asymmetry

Lack of transparent data about project quality, credit integrity, and pricing makes it difficult for retail investors to make informed decisions.

Lack of Standardization

Inconsistent methodologies and credit types make it hard to assess project quality or compare offsets – leading to confusion and reduced investor confidence.

Regulatory Risk

Sudden shifts in policy (e.g., carbon tax increases or changes in allowable credit types) can impact investment returns and credit eligibility.

Crbcoin: Bridging the Gap

The Watt Factory Limited, through the Crbcoin ecosystem, directly addresses these barriers by:

- Tokenizing verified carbon credits via blockchain
- Reducing transaction fees through smart contracts
- Offering a transparent and traceable credit marketplace
- Enabling micro-investments from retail users
- Enhancing liquidity with decentralized trading infrastructure

By lowering the cost and complexity of carbon credit access, Crbcoin empowers a new class of climate-conscious investors, expands demand, and helps accelerate global decarbonization.

Market Outlook: Expectations for the Carbon Market

As global climate action accelerates, the carbon market is evolving into a mainstream financial ecosystem. Understanding the dynamics between the voluntary carbon market and the compliance (regulatory) market is essential for investors, policymakers, and corporate stakeholders alike.

Voluntary Carbon Market

The voluntary carbon market (VCM) enables companies, individuals, and governments to offset their carbon footprint beyond what is legally required. It is driven by environmental stewardship, ESG goals, and corporate social responsibility (CSR) commitments.

Key Characteristics:

- **Voluntary Participation**
No regulatory obligation. Entities choose to participate to enhance brand value, meet sustainability targets, or support climate-positive initiatives.
- **Project Diversity**
Includes reforestation, clean cookstoves, renewable energy, soil carbon, and community-based projects. This diversity encourages global impact and scalability.
- **Third-Party Verification**
Projects are validated by independent certifiers (e.g. Verra, Gold Standard) based on principles such as additionality, permanence, and measurability.
- **Flexibility & Innovation**
Participants can select projects that align with their values and geographic focus. This fosters methodological innovation and the development of high-impact climate solutions.

Role of Crbcoin

The Watt Factory Limited, through Crbcoin, plays a catalytic role in the VCM by enabling retail and institutional access to verified carbon credits, improving transparency through blockchain, and increasing liquidity in a traditionally opaque market.

Compliance Carbon Market

Also known as the regulatory or mandatory market, this framework is governed by state, regional, or international policies. It requires regulated entities—typically large emitters in the energy, manufacturing, and transportation sectors—to meet legally binding emission caps.

Key Characteristics:

- **Government Mandates**
Entities are obligated to participate based on national or regional legislation (e.g. EU ETS, California Cap-and-Trade, China ETS).
- **Emission Allowances**
Participants receive or purchase emission permits, which represent the right to emit a specified amount of CO₂. These permits can be traded on the market.
- **Enforceable Compliance**
Companies must surrender allowances equal to their emissions within the compliance period or face penalties.
- **Regulatory Oversight**
Government bodies set emission limits, allocate permits, monitor compliance, and operate registries that track all credit issuance and transfers.

Comparative Overview

Feature	Voluntary Carbon Market	Compliance Carbon Market
Participation	Optional	Legally required
Use Case	CSR, net-zero goals, reputation	Regulatory compliance
Project Types	Broad and flexible	Often sector-specific
Verification	Third-party (e.g. Verra, Gold Standard)	Government or authorized registries
Innovation	High – encourages new methodologies	Moderate – policy-driven
Market Access	Open to individuals and institutions	Limited to regulated entities

Converging Pathways

As global climate frameworks mature, the voluntary and compliance markets are increasingly interconnected. Regulatory bodies are starting to recognize high-integrity voluntary credits, while voluntary participants adopt rigorous reporting standards. This hybrid evolution offers new investment avenues and contributes to the Paris Agreement goals.

Crbcoin is positioned at this convergence point – facilitating verified, transparent carbon offsetting while ensuring scalability, liquidity, and cross-border usability through tokenization.

Project Selection Strategy

The Watt Factory Limited, through its Crbcoin initiative, employs a highly selective and impact-driven approach to building a diversified portfolio of carbon offset projects. Our goal is twofold:

- Deliver measurable environmental and social outcomes,
- Generate competitive financial returns through verifiable, high-integrity climate investments.

We operate across both voluntary and compliance carbon markets, and actively utilize frameworks such as ITMOs (Internationally Transferred Mitigation Outcomes) under Article 6 of the Paris Agreement. This enables cross-border scalability and enhanced investment flexibility.

Selection Criteria

Our project screening process is guided by six core pillars:

Carbon Impact Potential

We prioritize projects with significant and quantifiable carbon removal or emissions reduction outcomes. These include:

- Renewable energy (solar, wind, hydro)
- Energy efficiency retrofits
- Reforestation and afforestation
- Methane capture and landfill gas recovery
- Carbon capture and storage (CCS)
- Electrification initiatives (e.g., electric motorcycles replacing fossil-fuel transport)

All projects are aligned with internationally recognized climate goals and support net-zero trajectories.

Quality & Integrity Standards

Only projects that meet stringent criteria for environmental integrity are considered. Each must be validated and verified under trusted global frameworks such as:

- Verified Carbon Standard (VCS)
- Gold Standard
- Clean Development Mechanism (CDM)

We evaluate additionality, permanence, leakage, and proper monitoring to ensure every carbon credit represents real, measurable climate benefit.

Environmental & Social Co-Benefits

We invest in projects that extend their impact beyond carbon – those that empower communities and protect ecosystems. Examples include:

- Biodiversity conservation
- Local job creation
- Sustainable agriculture or forestry
- Climate resilience in vulnerable regions
- Women-led or indigenous community-based initiatives

These co-benefits align with multiple UN Sustainable Development Goals (SDGs).

Financial Viability & Risk Resilience

Every investment is evaluated for:

- Revenue model & cash flow consistency
- Project scalability
- Risk exposure (political, operational, regulatory)
- Longevity and sustainability

Projects must prove they can deliver both impact and return, ensuring alignment with investor expectations.

Geographic & Sectoral Diversification

To mitigate exposure to policy or project-specific risks, we diversify:

- Across continents: Africa, Southeast Asia, Latin America, and emerging Europe
- Across sectors: Renewable energy, agriculture, transportation, forestry, and industrial emissions

This ensures a resilient, balanced portfolio capable of weathering market fluctuations.

Engagement with Compliance Markets & ITMOs

Beyond the voluntary segment, we are strategically positioned to capitalize on:

- Regulatory carbon markets, such as the EU ETS or national ETS frameworks

- ITMO-based instruments, which enable cross-border emission trading aligned with the Paris Agreement

These pathways unlock new project types and higher-value markets – helping maximize investor return and global climate impact.

Through this robust selection strategy, The Watt Factory Limited aims to set new standards in the carbon investment space – delivering verified, traceable impact while expanding access to the growing trillion-dollar climate finance economy.

Partner Selection

At The Watt Factory Limited, we recognize that the success of our carbon investment strategy depends on selecting experienced, credible, and mission-aligned partners. Our rigorous due diligence process ensures that every collaborator contributes meaningfully to the development of high-quality, verified carbon credit projects with long-term environmental and financial value.

We partner only with entities that uphold the highest standards in project execution, sustainability, and transparency.

1. Proven Expertise & Track Record

We engage with organizations that have demonstrated success in developing and managing carbon offset projects across various sectors and geographies. Ideal partners possess in-depth knowledge of:

- Carbon market mechanisms (voluntary and compliance)
- Relevant regulatory frameworks
- International certification standards (e.g. Verra, Gold Standard)
- Monitoring, reporting, and verification (MRV) protocols

2. Credibility & Industry Reputation

Reputation is paramount. We conduct thorough due diligence, including background checks on:

- Past project outcomes and timelines
- Ethical conduct and compliance history
- Feedback from prior stakeholders and auditors
- Integrity in carbon accounting and claims

Our goal is to work with transparent and trustworthy organizations with a history of delivering real climate benefits.

3. Recognized Certification & Accreditation

We prioritize partners with validated and verified projects certified by:

- Verified Carbon Standard (VCS)
- Gold Standard
- Clean Development Mechanism (CDM)
- Or other UNFCCC- or ICROA-recognized bodies

These certifications are critical to ensuring the integrity and marketability of carbon credits issued.

4. Environmental & Social Responsibility

Beyond carbon reduction, our partners must demonstrate a commitment to co-benefits such as:

- Biodiversity conservation
- Job creation and local economic empowerment
- Stakeholder engagement and Free, Prior, and Informed Consent (FPIC)
- Gender equality and community resilience

We assess environmental and social safeguards to ensure that all projects support the UN Sustainable Development Goals (SDGs).

5. Financial & Operational Capacity

Successful delivery requires strong foundations. Partners must demonstrate:

- Financial stability and liquidity
- Technical and operational readiness
- Capacity to manage long-term projects and adapt to market dynamics
- Risk management procedures and contingency planning

This ensures projects are not only launched but sustained for decades.

6. Transparency & Communication

Trust is built through transparency. We work with partners who:

- Maintain open, proactive communication
- Provide real-time updates on project development and milestones
- Adhere to transparent reporting practices and third-party audits
- Enable visibility for investors through traceable data (where possible, blockchain-verified)

7. Alignment of Values

We believe in mission-driven collaboration. Our ideal partners share our:

- Commitment to climate justice and sustainability
- Vision for democratizing access to high-quality carbon credits
- Ethics in business and accountability to stakeholders

Strategic alignment ensures long-term cooperation and mutually beneficial growth.

By applying this comprehensive partner selection framework, The Watt Factory Limited ensures that every project backed by Crbcoin meets the highest standards of environmental integrity, social equity, and financial performance.

Projections & Economics

As the global community faces a rapidly intensifying climate crisis, the need for innovative financial mechanisms to drive decarbonization has never been more urgent. Crbcoin, developed by The Watt Factory Limited, emerges as a blockchain-based utility token engineered to accelerate investments in verified carbon credit-generating projects worldwide.

With a clear economic model and mission-driven approach, Crbcoin empowers investors to contribute to a sustainable low-carbon future – while unlocking strong financial potential.

The Economics of Crbcoin

Decentralized Investment Access – Crbcoin operates as a decentralized gateway to a diversified portfolio of verified carbon offset projects. Through blockchain technology and smart contracts, investors can transparently participate in emissions-reducing initiatives that deliver measurable climate impact.

Tokenomics Model

Crbcoin has a fixed maximum token supply, creating inherent scarcity. Its tokenomics are designed to incentivize long-term participation through mechanisms such as:

- Staking
- Yield farming
- Liquidity rewards

These incentives reward holders while supporting the token's value ecosystem.

Carbon Credit-Backed Value

The Crbcoin ecosystem generates value by acquiring carbon credits from accredited offset projects. These credits are tokenized and yield returns as the underlying projects capture, reduce, or avoid CO₂ emissions. Token holders receive a proportional share of this yield as a reward.

Market Demand and Utility

Crbcoin capitalizes on growing demand for carbon offsets, driven by:

- Corporate ESG goals
- Government net-zero targets
- Consumer preference for sustainable brands

As the carbon credit market matures, the utility of Crbcoin as a compliance and offset mechanism is expected to rise significantly.

Tangible Environmental Impact

Unlike many speculative tokens, Crbcoin delivers real-world benefits by directly funding climate-positive projects. This includes renewable energy, reforestation, clean cooking, and electrification of transport in emerging economies.

Investment Potential

Crbcoin provides investors with a rare opportunity: high-growth potential with positive environmental and social outcomes.

Estimated Profit Potential: Up to 80% ROI

Breakdown of the opportunity:

- High Return on Investment (ROI)
As carbon credit prices rise in response to tighter environmental regulation and corporate offset demand, the value of the Crbcoin ecosystem and its assets is expected to grow in tandem.
- Token Value Appreciation
Crbcoin's capped supply, combined with increased market participation, supports long-term token appreciation – creating value through scarcity and increasing demand.
- Carbon Credit Yield Rewards
Crbcoin holders receive passive rewards from verified carbon credit sales. These “green dividends” provide recurring income as projects generate and sell credits.
- Market Expansion Trajectory
With global carbon markets forecasted to exceed \$1 trillion by 2050 (McKinsey & Co.), Crbcoin is positioned to scale within a rapidly expanding financial frontier.
- Diversification & Risk Mitigation
Crbcoin offers a hedge against traditional market volatility. As a sustainable, real-asset-backed token, it provides investors with exposure to the climate finance sector – often uncorrelated with conventional financial instruments.

The Bottom Line

Crbcoin merges environmental stewardship with cutting-edge digital finance. As the project gains traction, early investors stand to benefit from:

- Asset-backed tokenomics
- Growing market demand
- Long-term passive income
- Environmental impact aligned with the Paris Agreement

With profit potential of up to 80%, Crbcoin is more than a token – it's a bridge between capital markets and climate action.

Reinvestment Strategy

In line with our commitment to long-term impact, sustainability, and industry growth, Crbcoin—developed by The Watt Factory Limited—implements a reinvestment strategy that allocates 80% of profits back into the carbon credit industry. This forward-looking approach enables compounding growth, sustained environmental impact, and amplified returns for all stakeholders. Below how it works.

Capital Allocation

80% of Crbcoin's net profits are systematically reinvested in the same sector: verified carbon credit-generating projects and supporting technologies. This ensures that growth fuels more growth, accelerating the pace and scale of carbon reduction.

Sustainable Scaling

By recycling capital into impactful projects, we foster the long-term expansion of both our investment ecosystem and the carbon market. Funds will support:

- Expansion of existing verified projects
- Initiation of high-potential new projects
- Deployment of breakthrough technologies (e.g., biochar, cookstoves, direct air capture)

Portfolio Diversification & Resilience

Profits will be used to broaden Crbcoin's investment footprint across:

- Regions: Africa, Southeast Asia, South America
- Sectors: energy access, transportation electrification, afforestation, agriculture
- Registries: Gold Standard, Verra, and ITMO-linked projects

This geographic and sectoral diversity strengthens resilience and opportunity for long-term impact.

Economic Empowerment in Emerging Markets

Many carbon projects take place in underserved regions. Reinvestment amplifies local benefits through:

- Job creation
- Infrastructure support
- Sustainable development outcomes

This aligns with our mission to link environmental impact with inclusive economic growth.

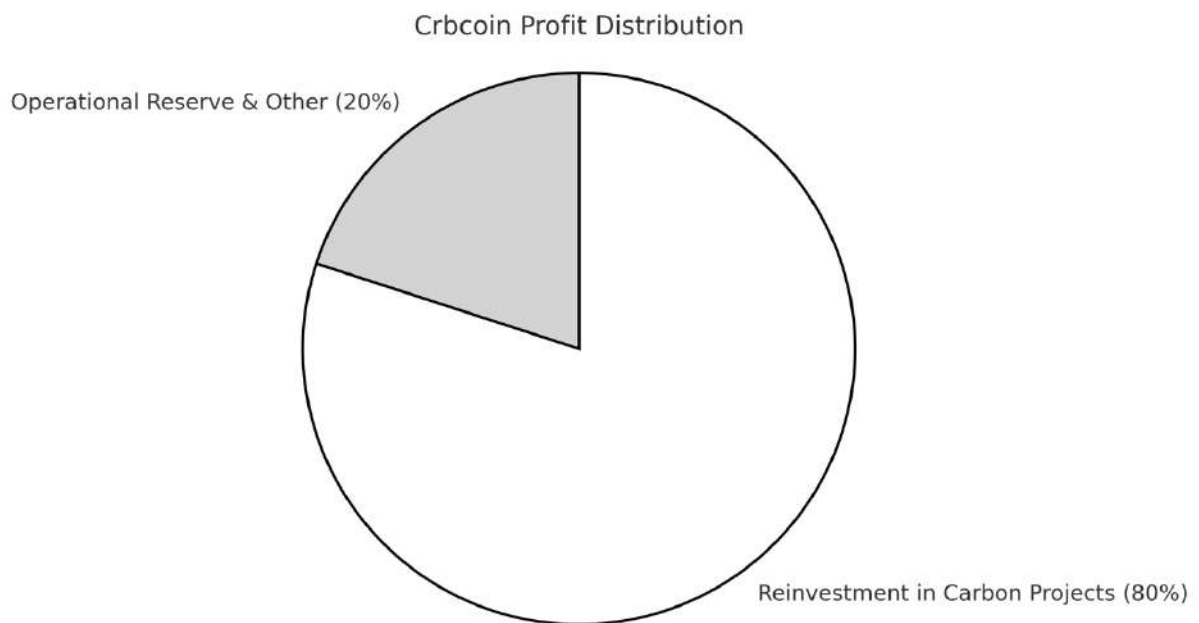
Long-Term Vision and Value Creation

Our reinvestment strategy anchors Crbcoin in sustainability, circular finance, and responsible impact investing. By continually reinvesting profits, we:

- Scale measurable CO₂ reductions
- Enhance token utility through asset-backed expansion
- Reinforce investor confidence through transparent capital recycling
- Support international climate goals such as the Paris Agreement

Through this strategy, Crbcoin is not just a financial vehicle – it's a regenerative engine for environmental and social transformation. Investors can trust that profits are actively compounding into future impact and sustainable financial performance.

80% reinvestment. 100% commitment. One shared planet.



Token Utility

Crbcoin (CRB) is not just a digital asset – it's a bridge between blockchain innovation and real-world environmental impact. The utility of the token is built on real, tangible use cases within the regulated carbon offset market. Each CRB token is designed to provide value, access, and participation across a wide range of functions:

1. Access to Regulated Carbon Markets

Crbcoin provides holders with access to a curated pool of verified carbon offset projects. This allows individuals and institutions to invest in carbon credits without the traditional complexities or institutional barriers. Through Crbcoin, carbon finance becomes accessible to the mainstream.

2. Carbon Credit Yield Sharing

Token holders are entitled to share in the proceeds from the carbon credits generated by Crbcoin-financed projects. Yields are distributed proportionally to token holdings and tied directly to the performance of underlying carbon credit portfolios.

3. Governance Participation

CRB token holders can vote on key decisions regarding project selection, reinvestment policies, and treasury management. This ensures the community has a voice in the evolution of the platform and promotes decentralized stewardship of environmental capital.

4. Discounted Project Access

Holders of a minimum threshold of Crbcoin may receive exclusive access or discounts when supporting early-stage carbon offset projects or verified ESG-focused initiatives launched through the Crbcoin platform.

5. Staking and Yield Incentives

Participants can stake CRB tokens in return for a share of platform revenues or to gain priority access to new carbon project allocations. Additional staking tiers may unlock higher carbon yield multipliers and voting power.

6. Collateral for Green Financing

CRB tokens can be used as collateral to access financing for ESG-compliant products or services within the Crbcoin ecosystem, including future DeFi integrations. This creates liquidity for environmental entrepreneurs and further aligns climate capital with blockchain-based tools.

7. Reputation and Impact Tracking

Every CRB token is traceable, and linked to specific carbon reduction impacts. Users can view how many tonnes of CO₂ their investment has offset, creating a transparent "impact score" attached to each wallet and fostering reputation-building through sustainability.

Team & Legal Structure

At the helm of The Watt Factory Limited is a powerhouse team of globally accomplished entrepreneurs, engineers, and carbon market veterans—each with a proven track record of scaling impactful ventures and shaping international sustainability strategies.

Hilde Watty – Founder & Visionary

A celebrated author and multi-millionaire entrepreneur, Hilde Watty brings decades of high-level business experience to The Watt Factory. Renowned for founding one of the world's leading matchmaking platforms for ultra-high-net-worth individuals, her influence and network in the elite investor ecosystem have been instrumental in securing early momentum for the CRB ecosystem. With her sharp business acumen and passion for climate action, Hilde serves as the project's strategic anchor.

Werner van Bakel – Business Architect

With a legacy rooted in one of Europe's most iconic food empires, *Beckers Snacks Deurne*, Werner van Bakel carries forward a family tradition of global enterprise. After co-founding and exiting several successful ventures, he now applies his business development expertise and international network to steer operational scale and commercial partnerships for The Watt Factory.

Maarten Gosselt – Carbon Strategy Director

A chemical engineer by training and a carbon market veteran by profession, Maarten Gosselt has engineered carbon credit strategies on three continents—Asia, Europe, and South America. As the former architect of the multi-million-dollar carbon trading desk at Olyx, he brings hands-on experience in building scalable carbon operations. Maarten now leads government relations and credit monetization for The Watt Factory, negotiating with sovereigns like Switzerland and Ethiopia, and global corporates including Microsoft and Shell.

Sam Wamburton – Senior Carbon Advisor

Few names command more respect in the carbon space than Sam Wamburton. As the former Carbon Director of the world's second-largest carbon trading firm, Sam has facilitated nearly \$1 billion in carbon transactions and raised close to \$250 million in funding for sustainability projects. Ranked among the top 10 most influential figures in the global carbon market, he has led initiatives across all continents—working directly with government agencies, oil majors, and frontier carbon developers.

Governance & Compliance

At The Watt Factory Limited, we uphold the highest standards of governance, transparency, and regulatory compliance to ensure sustainable growth and institutional-grade trust for all stakeholders. Operating out of Malta, a jurisdiction known for its progressive stance on blockchain regulation, our legal and governance framework is designed to meet the rigorous expectations of both exchanges and institutional investors.

Legal Structure

The Watt Factory Limited is a legally registered entity in Malta, operating in full accordance with the Maltese Companies Act and aligned with the Virtual Financial Assets (VFA) framework regulated by the Malta Financial Services Authority (MFSA). All token activities, including issuance, custody, and transfer mechanisms, are designed to comply with EU AML/CFT guidelines.

Token Compliance

Crbcoin is structured as a utility token, enabling holders to gain access to a wide range of ecosystem functionalities, including project voting, early-stage participation in offset initiatives, and rewards from environmental contributions. Crbcoin does not represent equity, nor does it entitle holders to profit-sharing or dividends, thereby avoiding classification as a financial instrument under most international securities laws.

Transparency & Auditability

Blockchain-based smart contracts are used for all token flows and carbon credit transactions to ensure full transparency, immutability, and traceability. Project selection, carbon credit generation, and reinvestment decisions are published periodically to maintain open communication with the public and stakeholders.

Governance Council

The Watt Factory is currently forming a multi-stakeholder Governance Council composed of founding members, technical advisors, compliance experts, and independent sustainability auditors. The Council will be responsible for overseeing:

- Project due diligence and verification
- Allocation of reinvested capital
- ESG scoring and partner selection
- Conflict-of-interest monitoring
- Smart contract upgrades

Third-Party Verification

All carbon offset projects supported by The Watt Factory are independently verified by globally recognized standard bodies such as Gold Standard, Verra, and CDM. Financial reports and environmental impact statements will be subjected to third-party audits, in line with best practices in ESG investing.

Tokenomics & Economics

Crbcoin (CRB) is the native utility token of *The Watt Factory Limited Malta*. It functions as a decentralized international payment and investment token, designed to drive impact within the global carbon credit market.

Token Distribution

The total maximum supply of CRB tokens is 1,000,000,000. The initial allocation is structured as follows:

Allocation	Percentage
Pre-ICO Sales	27.00%
Public Sales 1	11.50%
Public Sales 2	12.50%
Team Wallet	15.00%
Staking Reserve	7.50%
Expansion Reserve	7.50%
DEX Liquidity	5.00%
Launchpad Liquidity	2.00%
Bridge Liquidity	1.50%
Marketing Reserve	1.25%
ICO Listing Liquidity	1.00%
Circulating Conversion	0.75%

Note: The Team Wallet is locked for 3 years. Token unlocks follow a vesting mechanism starting July 1st, 2026, with a gradually increasing weekly unlock percentage.

Fund Allocation Ratio for Project Procurement

To ensure maximum impact, Crbcoin is committed to directing a significant portion of raised capital towards real-world climate solutions. A minimum of 60% and up to 80% of all funds raised will be allocated to the direct procurement of carbon-reducing technologies, including water purification devices, clean cookstoves, and biodigesters.

These products will be deployed through projects specifically designed to generate carbon credits that meet the criteria for both the voluntary and compliance carbon markets. The initial rollout of these projects will take place in Senegal, leveraging existing relationships and logistical

infrastructure. However, similar initiatives may be expanded to other countries where the founders maintain strong local networks and institutional trust.

To safeguard quality and legitimacy, each project will be personally accredited in the field by the Crbcoin founding team. This hands-on approach ensures that every funded initiative meets the highest standards for impact, transparency, and market credibility – establishing a foundation for long-term trust among buyers, investors, and regulatory bodies.

This allocation framework balances scalability with financial discipline, allowing Crbcoin to maintain a lean operational footprint while maximizing environmental and social returns.

Reinvestment Strategy

CRB operates with a long-term vision of compounding both financial and environmental impact:

- 80% of all profits generated by the ecosystem are reinvested into new carbon-reducing projects, such as the purchase of water purifiers, clean cookers, and biodigesters.
- From those reinvested profits, 50% is again allocated toward the launch of new projects, creating a compounding sustainability loop.

This reinvestment structure ensures continuous growth of the real-world project base and supports long-term token value appreciation.

Economic Model & Token Valuation

CRB Coin's value is directly influenced by real-world economic activity. Projects funded by CRB generate verifiable carbon credits. These credits:

- Are tokenized and yield value to CRB holders.
- Are partly sold on compliance and voluntary markets.
- Support buybacks of CRB from the open market.

The token's price growth is supported by:

1. Staking Rewards: Users earn CRB by locking tokens, earning part of project revenue as a reward.
2. Token Buybacks: 50% of project profits are used to buy back CRB on the open market, reducing supply and driving price appreciation.
3. Burn Mechanism: A portion of bought-back tokens may be burned to permanently reduce circulating supply.

The valuation of CRB Coin is modeled using the formula:

$$V_{cc} = k \times (P + I) + V_t \times S + extq - INF \times INT$$

P = Profits from projects

I = Reinvested capital

V_t = Token volume

S = Market sentiment

INF = Inflation

INT = Interest rates

extq = External market shocks

k = Scaling factor reflecting project performance

This framework ensures that CRB Coin's value is driven by fundamentals, reinforced by tokenomics, and responsive to macroeconomic conditions.

Staking Rewards

Holders of CRB Coin can stake their tokens through the official platform interface or supported DeFi protocols. By staking, users are eligible to earn periodic rewards derived from the profits generated by the underlying carbon offset projects.

Mechanism:

- Rewards are distributed in CRB tokens.
- A minimum of 20% of each project's net profit is allocated to the staking rewards pool.
- Rewards are distributed proportionally based on each user's share of the total staked tokens.

$$\text{User Reward} = (\text{User Stake} / \text{Total Staked}) \times 20\% \text{ of Project Profit (in CRB value)}$$

Example:

If a project generates \$500,000 in profit, \$100,000 (20%) is allocated to staking rewards. A user holding 2% of the total staked amount would receive \$2,000 worth of CRB tokens.

Buyback & Burn Mechanism

To support CRB Coin's long-term value and counter inflation, a portion of the project profits is allocated to token buybacks from the open market. A percentage of these repurchased tokens is then permanently burned.

Mechanism:

- 50% of each project's net profit is used to buy back CRB tokens on decentralized and centralized exchanges.

- Of the tokens bought back, a minimum of 25% is permanently burned, removing them from circulation.
- The remaining 75% may be reallocated to staking pools, community incentives, or reinvested into future carbon offset initiatives.

Tokens Burned = Buyback Volume × 25%

Example:

If \$200,000 worth of CRB tokens are bought back from the market, at least \$50,000 worth of tokens will be permanently burned, reducing the total supply and increasing scarcity.

Legal Disclaimer

This whitepaper ("Whitepaper") is provided solely for informational purposes and does **not** constitute an offer, solicitation, or recommendation to buy or sell **Crbcoin** tokens ("CRB") in any jurisdiction. The information contained herein is subject to revision, update, or amendment at any time, without prior notice.

Crbcoin is a utility token designed to provide access to specific features within the Crbcoin ecosystem. It is not a security, equity interest, debt instrument, or any other regulated financial instrument under applicable laws. It confers no ownership rights, voting rights, dividends, or profit-sharing rights in The Watt Factory Limited or its affiliates.

Risk Statement

The acquisition, use, or holding of Crbcoin tokens involves significant financial risk, including the possible loss of all invested capital. Prospective purchasers are strongly encouraged to conduct their own due diligence and seek independent legal, financial, and tax advice prior to making any token-related decisions.

Crbcoin is not intended for use by individuals or entities located in jurisdictions where the offer, sale, or use of digital tokens is prohibited or restricted by law. Each participant bears sole responsibility for ensuring compliance with the laws and regulations of their respective country or territory.

By accessing this Whitepaper or participating in any token-related activities, you acknowledge that you have read, understood, and accepted all terms and disclaimers outlined herein. Neither The Watt Factory Limited, Crbcoin, nor any of their affiliates shall be held liable for any direct, indirect, incidental, or consequential losses arising from the use or inability to use Crbcoin tokens.

Forward-Looking Statements

This Whitepaper may contain forward-looking statements concerning future plans, objectives, performance, or expectations. These statements are inherently speculative and involve known and unknown risks and uncertainties. Actual results may differ materially from those projected.

Words such as "anticipate," "believe," "intend," "estimate," "expect," and similar expressions are used to identify forward-looking statements. These reflect the current views and assumptions of The Watt Factory Limited as of the publication date and are subject to change without obligation to revise or update.