

Natural Capital Coin (NCC) Whitepaper

Restoring Nature with Blockchain

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Important Notice

FCA-Compliant Disclaimer

Investing in Natural Capital Coin (NCC) involves high risks, and you may lose all invested capital. NCC is an unregulated cryptoasset in the UK, not protected by the Financial Ombudsman Service (FOS) or Financial Services Compensation Scheme (FSCS). NCC is a utility token designed for accessing nature projects, not a security, investment product, or financial instrument.

This whitepaper is a financial promotion approved by Deloitte UK, compliant with Financial Conduct Authority (FCA) regulations (COBS 4, PS22/10). It is directed to retail investors, high-net-worth individuals (£100,000+ income or £250,000+ net assets), sophisticated investors, and professional clients. Retail investors receive a 24-hour cooling-off period to reconsider participation.

All projections (e.g., £10M IDO raise, £25M land portfolio, £1.5M revenue) are forward-looking, not guaranteed, and subject to market conditions. Consult a qualified financial advisor before participating and only invest what you can afford to lose. See Risks You Should Know for full details.

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1. Executive Summary

Natural Capital Coin (NCC) is a user-friendly utility token launching in Q4 2025 via an Initial DEX Offering (IDO) on Uniswap V3 (Ethereum and Polygon), targeting a £10M raise (~\$13M). NCC enables investors and eco-enthusiasts to support high-impact nature projects—forests, wetlands, and biodiversity—through a transparent blockchain platform available across Ethereum, Polygon, and Solana.

Key Features:

- Mission: Protect 5,000 UK hectares by Q4 2026 (£25M land portfolio), scaling to 30,000 globally by 2030, sequestering 0.8M tonnes CO₂.
- Utility: Access tokenized land shares (NFTs), trade carbon credits (£22–£38), stake for 4–8% rewards, and vote on eco-projects.
- Multi-Chain Availability:
 - Ethereum: Secure token and governance.
 - Polygon: Low-cost transactions (~£0.006/tx) for NFTs and staking.
 - Solana: Post-IDO bridge for retail scalability (1M TPS via Firedancer).
- Compliance: FCA-registered for Anti-Money Laundering (AML), audited by Deloitte (financials, land) and CertiK (smart contracts).
- Impact: Generate £1.5M revenue by Q4 2026, create 800 UK jobs, and align with UK Net Zero 2050 and Biodiversity Net Gain (BNG) goals.

Join Us: Sign up at ncc.green for the IDO whitelist and help shape a sustainable future.

2. Why Nature Needs NCC

Natural capital—Earth’s ecosystems, valued at £1.8T annually in the UK (ONS, 2024) and \$125T globally (UNEP, 2025)—is critical for clean air, food security, and economic stability but faces severe threats:

- **Wildlife Decline:** 41% of UK species and 69% globally have declined since 1970 (State of Nature, 2023; WWF, 2024).
- **Habitat Loss:** 80% of UK peatlands, 85% of global wetlands, and 32% of forests are degraded (IUCN, 2024; UNEP, 2023).
- **Climate Crisis:** UK CO2 emissions reach 400M tonnes/year (CCC, 2024), with global levels 50% above pre-industrial times.
- **Funding Gap:** The UK invests £5B annually in nature but needs £20B by 2030 (Green Finance Institute, 2025). Globally, a \$867B shortfall hinders restoration (UNEP, 2025).

With £100B in green commitments (HM Treasury, 2024), the UK is a leader in green finance. NCC leverages blockchain to make nature restoration accessible, transparent, and impactful, starting in the UK and expanding globally.

3. The Problem

Investing in nature faces systemic barriers:

- **Degraded Ecosystems:** Damaged peatlands and rainforests weaken carbon sinks (IUCN, 2024; INPE, 2024).
- **Economic Risks:** Inaction risks £1T UK GDP loss by 2050, \$23T globally (Bank of England, IMF, 2025).
- **Restricted Access:** 70% of UK investors and 80% of 1B crypto users lack entry to green projects (FCA, CoinMarketCap, 2025).
- **Trust Gaps:** 50% of UK green funds face greenwashing scrutiny (FT, Bloomberg, 2024).
- **Volatility and Illiquidity:** Crypto markets fluctuate 30% annually, and carbon/land assets are illiquid (CoinMarketCap, 2025).

Traditional finance is slow, exclusive, and opaque. NCC's decentralized platform, available on Ethereum, Polygon, and Solana, offers liquidity, inclusivity, and transparency to fund nature restoration.

4. The Solution: NCC's Utility Token

NCC is a utility token enabling access to nature projects through a multi-chain platform:

- **Ethereum:** Robust security for token contracts and governance, trusted by institutions.

- Polygon: Low-cost transactions (~£0.006/tx), ideal for retail users trading NFTs and staking.
- Solana: Post-IDO bridge (Q4 2025) for retail scalability with 1M transactions per second (Firedancer upgrade).

Why a Utility Token?

Unlike traditional investments, NCC offers:

- Low Entry: Start with £33 (1,000 NCC) vs. £100,000+ for green funds.
- Global Access: Participate worldwide via crypto wallets (e.g., MetaMask, Trust Wallet).
- Transparency: Blockchain tracks transactions and project progress on ncc.green.
- Governance: Vote on project priorities (e.g., UK peatlands vs. Brazilian rainforests).
- Liquidity: Trade NCC, NFTs, and carbon credits on Uniswap V3 and OpenSea.

Stabilizing Features:

- Land Portfolio: £25M UK portfolio (5,000 hectares by Q4 2026) supports a £0.035 minimum price and 60–65% capital recovery.
- Stablecoin Reserves: £1M in USDC ensures market-neutral land purchases.
- Diversified Revenue: Carbon credits, timber, and eco-tourism balance risk.
- Token Scarcity: Burn 10% of tokens (100M) post-IDO, 8% annually (80M).
- Locked Tokens: 60% IDO tokens (180M, 6 months), team tokens (100M, 12 months).
- AI Optimization: AI tools target 30% volatility reduction via project selection.

NCC aligns with UK ETS, Verra, and BNG standards, with progress audited by Deloitte.

5. Tokenomics

Total Supply: 1 billion NCC tokens.

IDO Allocation: 30% (300M at £0.025/~\$0.033, £10M raise).

- Structure: 50% public sale, 30% KYC whitelist, 20% community (discord.gg/NCCGreen).
 - Lock: 60% (180M) locked for 6 months, released 12% monthly.
- Other Allocations:

- Team/Advisors: 10% (100M, 12-month lock, 8% monthly release).
 - Marketing/Community: 5% (50M, half locked 6 months).
 - Reserves: 55% (550M, 80% locked 12 months, released to 450M by Q4 2026).
- Deflationary Mechanisms:
- Post-IDO Burn: 10% (100M tokens, £3M value).
 - Annual Burns: 8% (80M tokens, £0.675M from 2026 revenue).
 - Buybacks: 45% of 2026 revenue (£0.675M).
- Staking/Governance:
- Staking: 4–8% rewards (20% of £1.5M 2026 revenue, £0.3M), locking 50M tokens by Q4 2025.
 - Governance: Quadratic voting (1 NCC = 1 vote) via Snapshot.
- Market Maturity:
- Post-IDO: ~200M tokens in circulation, £6M–£12M market cap (£0.03–£0.06).
 - Q4 2026: £50M–£112.5M market cap (£0.11–£0.25, 450M tokens).
- Multi-Chain: Launched on Ethereum and Polygon via Uniswap V3, with Solana bridge post-IDO for broader access.
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6. Investment Strategy: Growing Nature

NCC supports the UK's Net Zero 2050 and BNG goals, starting in the UK and scaling globally. Targeted Focus Areas:

- Protecting Land
Scope: Forests, peatlands.
Utility: Own tokenized land shares (ERC-721 NFTs), access timber/tourism revenue (4–6% targeted).
Impact: Sequester 0.8M tonnes CO₂ by 2030.
Cases: Scottish Highlands (1,500 hectares, £450K/year), Brazil Amazon (6,000 hectares, \$2M/year).
- Fighting Climate Change
Scope: Reforestation, wetland restoration.
Utility: Trade carbon credits (ERC-1155, £22–£38, £2B UK market).
Impact: Offset 0.5% UK emissions by 2027.
Cases: Cumbrian peatlands (1,200 hectares, £250K/year), Indonesian mangroves (3,000 hectares, \$700K/year).

- **Saving Wildlife**
Scope: Habitat restoration.
Utility: Access premium credits, eco-tourism (5–7% targeted).
Impact: Support UK BNG targets (Defra, 2024).
Cases: Norfolk Broads (800 hectares, £150K/year), Indonesian rainforest (2,500 hectares, \$600K/year).
- **Helping Communities**
Scope: Green jobs, land trusts.
Utility: Vote on project priorities via NCC governance.
Impact: Create 800 UK jobs by 2027.
Cases: Welsh farms (120 jobs, £80K/year), Brazilian collectives (150 jobs, \$150K/year).

Global Pipeline (2027–2030):

- Brazil: 6,000 hectares, 60,000 credits, \$2M revenue.
 - Kenya: 4,000 hectares, 40,000 credits, \$1.2M.
 - Indonesia: 3,000 hectares, 30,000 credits, \$0.9M.
 - Total: 30,000 hectares, \$12M revenue by 2030.
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7. Land-Backed Portfolio

NCC targets a £25M portfolio (5,000 UK hectares by Q4 2026), valued at £27M with an 8% appreciation (Knight Frank, 2024).

Funding Plan (Targets):

- IDO: £5M in USDC (2,500 hectares, 50% of £10M, converted via OTC desks over 60 days).
- Grants: £5M (UK ETS, BNG, Green Finance Institute, 1,850 hectares).
- Private Funding: £2.5M (VC/institutional, 750 hectares).
- Revenue Reinvestment: £750K (2025–2026, 250 hectares).
- Partnerships: £1.5M (Verra, IFC, 600 hectares).
- Total Cost: £22M at £4,400/hectare.

Market-Neutral Acquisition:

- Convert £5M IDO funds to USDC over 60 days via OTC desks, held in a Gnosis Safe wallet (multi-signature, ~£10M setup).

- Phase purchases over 4 months (250 hectares Q4 2024, 2–6, Q4 2025).
- Hedge £5M in ETH/MATIC via OTC swaps to manage volatility.
- Issue ERC-721 NFTs on Polygon (1,000 NCC = £33 land share) for tradable access, locking value in the ecosystem.

Revenue Streams (Targets):

- Q4 2025: £400K (8,000 credits at £30 = £240K; £100K timber; £60K tourism).
- 2026: £1.5M:
 - Carbon Credits: 26,667 credits × £30 = £800K.
 - Timber: 1,500 hectares × £267 = £400K.
 - Eco-Tourism: 800 hectares × £375 = £300K.
- Allocation: 45% (£0.675M) buybacks/burns, 35% (£0.525M) reinvestment, 20% (£0.3M) staking rewards.

8. Why NCC Stands Out

NCC combines strengths from green crypto projects with unique advantages:

- KlimaDAO (Polygon, \$1.50/token): Community-driven, Verra partnership, but no land assets or Solana support.
NCC Edge: £25M land portfolio, Ethereum/Polygon/Solana availability, FCA AML-compliant.
- Flowcarbon (Ethereum, \$2): Microsoft partnerships, but institutional focus and high fees.
NCC Edge: 70% retail access, Polygon's low fees, Solana scalability.
- Regen Network (Cosmos, \$0.30): Biodiversity focus, but complex UX and single-chain.
NCC Edge: User-friendly app, £1.5M Uniswap pool, multi-chain support.
- Toucan Protocol (Polygon, \$0.20): Easy carbon trading, but no governance or land.
NCC Edge: Voting, land-backed, Solana bridge.

NCC's Unique Value:

- Land-Backed: 5,000 UK hectares by 2026.
- Multi-Chain: Ethereum (security), Polygon (affordability), Solana (scale).

- FCA-Compliant: AML registration, Deloitte/CertiK audits.
 - Inclusive: £33 entry, global access, transparent dashboards.
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9. Technical Roadmap

Q2–Q3 2025: Foundation

- Develop ERC-20 NCC, IDO, NFT (ERC-721), staking, and governance contracts on Ethereum/Polygon (Solidity, Hardhat).
- CertiK audits for smart contracts, Deloitte audits for financials.
- Launch ncc.green beta with KYC/AML (Chainalysis) and dashboards (React.js, Web3.js).

Q4 2025: IDO Launch (October)

- Deploy NCC on Uniswap V3 (Ethereum/Polygon, £1.5M liquidity pool).
- Acquire 250 hectares (£750K USDC, market-neutral).
- Enable 250 NFTs, 8,000 carbon credits, staking, governance.
- Deploy Solana bridge beta (Wormhole, Rust).

2026: UK Expansion

- Scale to 5,000 hectares (£25M portfolio).
- Generate £1.5M revenue (credits, timber, tourism).
- Launch mobile app (React Native), Solana mainnet.

2027–2030: Global Scaling

- Expand to 30,000 hectares (Brazil, Kenya, Indonesia).
 - Achieve \$12M revenue, transition to DAO.
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10. Risks You Should Know

High-Risk Warning: NCC is a high-risk, unregulated cryptoasset. You may lose all capital, and returns are not guaranteed. Consult a financial advisor.

Key Risks:

- Funding Risk: £25M portfolio relies on £10M IDO, £5M grants, £2.5M private placement, £0.5M revenue, £2M partnerships. Shortfalls may reduce scope (e.g.,

4,000 hectares).

Mitigation: £5M IDO secures 2,500 hectares; £1M USDC reserves.

- Price Volatility: Crypto markets fluctuate 30% annually (CoinMarketCap, 2025).
Token price targets (£0.11 by 2027, \$0.25 by 2030) are not guaranteed.
Mitigation: AI analytics (30% volatility reduction), 10% token burn.
- Market Risk: Land prices (£5,000/hectare) or carbon credit values (£30) may vary.
Mitigation: Diversified revenue (credits, timber, tourism).
- Regulatory Risk: UK crypto regulation changes could impact operations.
Mitigation: FCA AML registration, Deloitte oversight.
- Liquidity Risk: Uniswap V3 trading may face slippage.
Mitigation: £1.5M liquidity pool, anti-bot monitoring (£10,000).

NCC is a utility token for accessing nature projects, not a traditional investment.

11. Join the NCC Community

Engage with our mission to restore nature:

- Website: ncc.green – IDO whitelist, dashboards, KYC.
- X: <https://www.x.com/NCC> – News, polls.
- Github: <https://github.com/nccgreen> - technical
- Telegram: t.me/NCC_Green – Global updates.
- LinkedIn: linkedin.com/company/NCCGreen – Partnerships.