

WHITE PAPER

CANNABISCOIN COMMUNITY

Blockchain 4.0 Ecosystem - CCC

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Executive summary

CannabisCoin Community (CCC) is a Blockchain 4.0 Ecosystem that already operates a metaverse, a digital art gallery, a specialized store and telemedicine software, and that is now formalizing its CCC token, its self-custody wallet and its path to the open market.

7,853,981,632	3,141,592,653	US$0.10	594,000,000
CCC · hard supply cap	CCC · Period 1 (5 years)	reference price per CCC	CCC · total presale and rounds

The essentials:

- **Network and standard.** The CCC token is an ERC-20 on Polygon PoS, with prior testing on Polygon Amoy.
- **Hard-capped supply.** A maximum of 7,853,981,632 CCC, written into the contract. Issuance decreases: each 5-year period issues 3/5 of the previous one and, within each period, month by month. The 200,000,000 genesis CCC fall within Period 1.
- **Distribution.** Cannabis Industrial SAS 35%, Investors 32%, Human resources 18% and DAO Community 15%, applied to the budget of each period and released through lock-up schedules programmed into contracts.
- **Rounds.** A presale of 9,000,000 CCC and three rounds of 55,000,000, 180,000,000 and 350,000,000 CCC at the US$0.10 reference price.
- **Self-custody wallet.** A smart account with passkeys, social recovery and sponsored gas, designed for people with no cryptocurrency experience. It includes the claiming of balances for those who have already taken part in the presale.
- **Market.** First, a pool on an existing DEX, with locked liquidity, after an audit and a legal opinion. We will not operate our own exchange with custody at the start; our own DEX is left as a later stage.
- **Current status.** No buyer holds tokens on-chain yet, and the investment rounds have not taken place. Delivery will be made from the wallet.

It is already real: Blockchain 4.0 Ecosystem in operation

Today there are working components that give the CCC token utility before it even exists on-chain:

- **Metaverse** (metaverso.cannabiscoin.com.co): a virtual space for community meetings, training and events.
- **Digital art gallery** (galeria.cannabiscoin.com.co): exhibition and sale of cannabis art, the basis of the art NFTs (ArtNFT).
- **Store** (comercio.cannabiscoin.com.co): the ecosystem's store for products and services of the sector.
- **HiCEC:** electronic health record software for cannabis medicine with human patients. Health data stays off-chain.
- **QCANNA:** software that works as a quality seal for the cannabis industry.
- **MedCannAI 4.0:** an artificial-intelligence support tool for the medical ecosystem.
- **IdentidadLibre** (identidadlibre.org) and **TokenIDS** (tokenids.co): verifiable digital identity and credentials on Polygon, which the wallet will use to confirm that each participant is a unique adult person.
- **Allies:** our alliances mainly include research centers, universities, public entities in Colombia and international entities.



Figure 1. *Pieces of the ecosystem that already exist and give the CCC token its utility.*

What this means for the token

The token is not born to speculate but to circulate within these components of the ecosystem: paying in the store, accessing the gallery and the metaverse, and taking part in the community. That is why we prioritized making the wallet simple for people with no cryptocurrency experience.

PART 1 · THE PROJECT

I. Who are we?

A multidisciplinary team of professionals with postgraduate degrees, backed by the technology-based social enterprise CANNABIS INDUSTRIAL SAS and by investors, united around the 10 lines described below to energize the cannabis industry and support the small, medium-sized and other producers linked to the DAO. We promote the transfer of knowledge in finance, blockchain and biotrade, as well as the training of the human resources who will adopt and replicate this knowledge, including the Cannabis Metaverse and the Vivid Virtual Experiences (EVV).

Human resources

Professionals, most of them with postgraduate degrees, committed not to leave the project during at least the first three years of operations.

Contributions from the community, Cannabis Industrial SAS and investors

Community and DAO. To achieve an inclusive cannabis industry, two bottlenecks are addressed: (i) many small and medium-sized producers are registered but have no cultivation license; (ii) individuals and licensed companies lack the resources to cultivate or process, and lack buyers for their biomass. In both cases the chances of sharing in the benefits, obtaining financing, advice or Good Practices certification are minimal.

Cannabis Industrial SAS makes available its experience and inputs in registrations, document management, productive and research projects, infrastructure and equipment; offers free advice in the first stage to small and medium-sized producers (licensing and registrations) as a way of joining the DAO; contributes the Cannabis Digital Art line, its software developments and the business lines it leads, among them the “Cannabis Clinic and SPA”, backed by the projects “Clinical study using standardized cannabis derivatives and implementing the HiCEC telemedicine tool” and “Bioprospecting of metabolites for the cosmetic industry in the era of computational biology”; its experience in applied research on adding value to the plant (pharmaceutical, cosmetic, food and beverage, textile, paper, energy and environmental, construction and new materials); its contributions to the Metaverse and to the comics and video games; its contributions as a web and blockchain developer; and its strategic planning as an entity dedicated to research and innovation.

Investors. They contribute resources at four moments: (1) presale, 9,000,000 CCC for US$900,000, with the tokens delivered through a claim from the wallet starting at the TGE (March 2027); (2) first round, 1.75% of Period 1 for 55,000,000 CCC (minimum US$5,500,000), from June 2027 and subject to legal approval; (3) second round, 5.73% of Period 1 for 180,000,000 CCC (minimum US$18,000,000), starting in month 12 after the TGE (2028); (4) third round, 11.14% of Period 1 for 350,000,000 CCC (minimum US$35,000,000), starting in month 40 after the TGE. The total investor allocation is 32% of Period 1 (1,005,309,648 CCC); the stages of this plan add up to 594,000,000 CCC and the remainder of the allocation (411,309,648 CCC) is kept as a liquidity reserve. They receive free access to the Academy and the virtual services, and for investments above US$5,000 a cannabis kit is given as a gift.

II. Organization and strategic lines: the 10 pillars

CCC is a blockchain ecosystem that incorporates AI, IoT, Big Data, and virtual, augmented and mixed reality. It is built on 10 pillars:

01
E-Commerce
High-value-added cannabis-derived products, with an initial emphasis on the cultural and artistic component (Cannabis Art Gallery and the SuperLesbiana line). Stage 1: payments in fiat currency and some cryptocurrencies such as Bitcoin; stage 2: payments with CCC.

02
Academy
In Decentralized Finance, Blockchain and Tokenization, alongside other programs (such as the Diploma in Endocannabinoidome and Medical Cannabis).

03
Decentralized Autonomous Community (DAO)
A space for support and learning for crypto-developers together with cannabis producers and other entheogens.

04
Software, apps and CDT
Specialized in cannabis and other entheogens.

05
CANNABISCOIN COMMUNITY (CCC) token
Linked to high-value-added cannabis-derived products.

06
Exchange
Exchange of CCC, Bitcoin and others, with the projection of a participatory crypto-asset investment portfolio.

07
Cannabis Metaverse and Vivid Virtual Experiences (EVV)
Plan to incorporate the sense of smell into virtual reality.

08
Real-world asset tokenization (RWA)
With unique experiences from the metaverse.

09
SuperLesbiana
(comic, video game and novel), together with the video games Master Growers and Psiconautas.

10
Themed virtual spaces
Mota Hotel, Cannabis Clinic and Cannabis SPA, with privileged access through CCC tokens.

III. Original and exclusive technology: Vivid Virtual Experiences (EVV) and the Cannabis Metaverse

An important input is the training and experience of the pioneer human resources: image acquisition, processing and visualization (Master's in Medical Physics, University of Valladolid), together with the project "4D Holographic Vectorcardiography" with Universidad ECCI, and experience in hybrid art for the Cannabis Digital Art Gallery, whose original and exclusive illustrations feed the worlds of the metaverse.

IV. Projections

Cannabis industry

Strengthen the CDT (Technological Development Center specialized in Cannabis and other Entheogens) with robust equipment (UHPLC-MS, atomic force microscopy, ESEM scanning electron microscopy, thermal cycler, nanodrop, bioreactors); a biofactory for propagation material (feminized and non-feminized seed, vegetative and in vitro clones) and bio-inputs; a mobile unit for manufacturing derivatives with an analytical module; blockchain-based traceability software and Life Cycle Assessment (ISO 14040); a Cannabis Stock Exchange with AI, Big Data, blockchain and fintech; a Cannabis Clinic, SPA and Mota Hotel in physical facilities.

Associativity and DAO

Promote the association of small and medium-sized producers using technologies such as blockchain, the metaverse and EVV; strengthen the ecosystem with universities, cooperatives and associations;

bring the Academy's talent into the productive lines; serve as a labor bridge for graduates; formalize the Academy as a Higher Education Institution with programs by propaedeutic cycles, such as Cannabis Engineering.

Energy, blockchain and financial technologies

Consolidate a blockchain of our own and CCC as a cryptocurrency on top of it; transition toward a decentralized exchange; a New Sustainable, Ecological, Inclusive, Fair and Affordable Banking system based on alternative, free energies (for example with the Casimir effect), cogeneration coupled to mining, and on the valorization of natural and genetic resources (organic crops, beekeeping, green chemistry, free energy); support the transparent management of resources in organizations, cities and countries; research blockchain in biotrade and biodiversity, free energy and cogeneration.

Cannabis Metaverse and EVV

Develop it; tools for connecting to the internet of things; integration with E-Commerce; EVV incorporating the sensation of other senses; sensory add-ons (suits and artificial skin); applications in other sectors; helmets and electrodes to detect and stimulate nerve activity, studying the areas activated under the effect of certain entheogens (for example, psilocybin) toward guided training without consumption; include other comics and video games; incorporate the metaverse into Master Growers, Mota Hotel, Psiconautas and SuperLesbiana.

V. Revenue projection

CCC is economically structured around 14 revenue lines:

1. Goods and services of the ecosystem in the Biotrade E-Commerce (such as the Cannabis Art Gallery).
2. Commission on the sale of other brands' products in the E-Commerce.
3. Educational services of the Academy and other programs.
4. Software and app goods and services.
5. NFTs of the cannabis illustrations of the Digital Art Gallery.
6. Products of the SuperLesbiana line (novel, comic and video game).
7. Goods and services of the Metaverse and EVV.
8. Goods and services from the tokenization of real-world objects.
9. Higher tiers, advertising and other revenue from the comics and video games Master Growers, Mota Hotel and Psiconautas.
10. Commission on transactions on the Exchange platform.
11. Income from strategic investments in crypto-assets.
12. Goods and services of the Cannabis Clinic and the SPA (initially virtual).
13. Goods and services of the Mota Cannabis Hotel (initially virtual).
14. Cryptocurrencies mined with alternative energies.

PART 2 · THE TOKEN

VI. CCC: a decreasing-issuance currency

Issuance periods

Every 5 years, the amount of CCC generated over the following 5 years is reduced to 3/5. There are 3,141,592,653 CCC for the first 5-year period:

- Period 1: 3,141,592,653 CCC (average of 628,318,530.6 per year).
- Period 2: 1,884,955,591.8 CCC (average of 376,991,118.36 per year).
- Period 3: 1,130,973,355.08 CCC (average of 226,194,671.016 per year).
- Period 4: 678,584,013.048 CCC (average of 135,716,802.6096 per year).

Within each period, issuance also decreases month by month: each monthly installment is 0.8477% smaller than the previous one (factor 0.99152, equivalent to 3/5 every 60 months). For that reason there are no jumps when changing periods. In Period 1, monthly issuance falls from about 66.6 million CCC in month 1 to about 40.3 million in month 60, and the first month of Period 2 (month 61) issues about 39.9 million.

Issuance of Period 1 by year (includes the genesis):

Year	CCC
1	762,775,150
2	688,694,772
3	621,809,047
4	561,419,233
5	506,894,451
Total	**3,141,592,653**

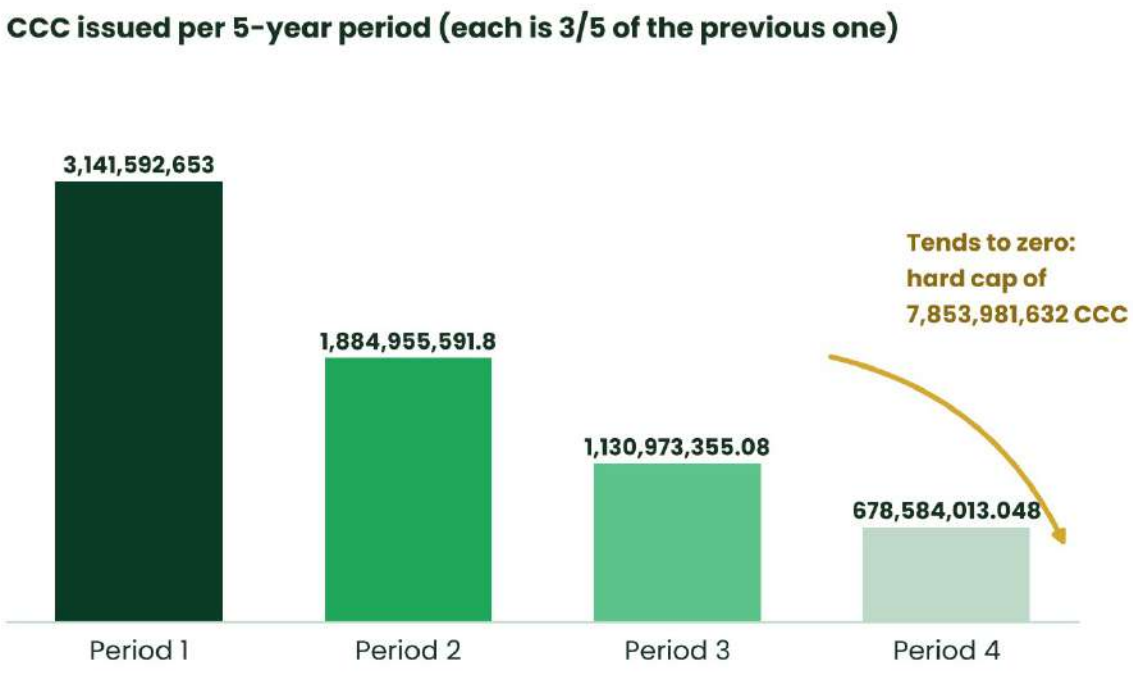

Figure 2. *Decreasing issuance: each 5-year period issues 3/5 of the previous one.*

Pre-mining and market reference

And so on, like an asymptote that tends to zero. On a one-time basis there are 200,000,000 pre-mined CCC, of which 100,000,000 belong to the pioneer human resources (3.18% of Period 1). The projection took as a reference expert estimates of a medicinal cannabis market of US$2.5 billion for the previous year (2025), and larger if the derived industries are added.

> **See also.** The hard cap, the decrease rule and the complete token sheet are in section VIII.

VII. Participants, pioneers and percentage distribution

Participation levels

There are different levels of participation:

1. **Pioneers:** most of the human resources, together with the technology-based social enterprise Cannabis Industrial SAS.
2. **DAO** of Crypto-Developers, Small, Medium-sized and other Cannabis Producers, and the Community in general.

3. **Investors,** with a 32% share. At launch, the first round will be held, offering 55,000,000 CCC (1.75% of Period 1; minimum US$5,500,000).

Participation and percentage distribution

- Human resources: 18%
- DAO Community (DAO producers and developers, people without resources who want to train at the Academy, and entities with agreements such as universities, institutes and associations): 15%
- Cannabis Industrial: 35%
- Investors: 32%



Figure 3. *Distribution of Period 1 among the four groups.*

> **See also.** The token distribution of each group and its lock-up schedule are in section VIII (Distribution of Period 1 and Lock-ups).

Tokens reserved by the pioneers

The pioneers reserve 100,000,000 CCC (3.18% of Period 1) and commit not to exchange them until the third year of operations has passed. The commitment is executed in a vesting contract: a 36-month lock-up from the TGE (token generation) and a subsequent 12-month linear release.

VIII. Tokenomics v2

Token sheet

Parameter	Value
Name and symbol	CannabisCoin Community · CCC
Network	Polygon PoS (testing on Polygon Amoy)
Standard	ERC-20, 18 decimals, with ERC-2612 (Permit) and ERC20Votes; voluntary burn
Hard supply cap	7,853,981,632 CCC, immutable in the contract
Period 1	3,141,592,653 CCC over 5 years (60 decreasing monthly installments)
Decrease rule	Each 5-year period issues 3/5 of the previous one. Within each period, each monthly installment is 0.8477% smaller than the previous one (factor 0.99152)
Issuance schedule	Decreasing monthly curve fixed in the contract: from about 66.6 million CCC (month 1) to about 40.3 million (month 60)
Genesis	200,000,000 CCC, within Period 1
Reference price	US$0.10 per CCC (rounds and presale)
Transfer tax, blacklist or transfer pause	None
Token contract	Not upgradeable or tamperable
Control	3-of-5 Safe and 48-hour Timelock

The cap is calculated as follows: Period 1 is 3,141,592,653 CCC and each following period is worth 3/5 of the previous one, so the total is 3,141,592,653 / (1 − 3/5) = 7,853,981,632.5; the lower integer is fixed.

The issuance curve is continuous. The cumulative amount up to month m is $3{,}141{,}592{,}653 \times (1 - 0.99152238^{m}) / 0.4$, and the installment of month m is the difference between the cumulative amount of month m and that of month m − 1. This same rule applies in every period, so that each 60-month period adds up to exactly 3/5 of the previous one and the total tends to the cap of 7,853,981,632 CCC.

Distribution of Period 1

Group	%	CCC
Cannabis Industrial SAS	35	1,099,557,428
Investors	32	1,005,309,648
Human resources (includes 100,000,000 of pioneers)	18	565,486,677
DAO Community	15	471,238,900
Total	**100**	**3,141,592,653**

The issuance contract distributes each installment among the four groups. From Period 2 onward the proportion is exactly 35/32/18/15; in Period 1 the proportions are adjusted month by month so that, after deducting the genesis already delivered to the pioneers and to the offering (200,000,000 CCC), the final totals of each group are exactly those in this table. Each group receives its funds in its own vesting vault, so nobody can move tokens before what was promised. Because the curve includes the genesis, during months 1 to 3 there is no new issuance for any group.

Lock-ups (vesting)

Group	Proposed rule
Pioneers	36-month lock-up from the TGE and 12 months of linear release
Human resources (rest)	12-month lock-up and 12 linear
Cannabis Industrial	12-month lock-up and 24 linear
Presale buyers	25% at the TGE and 75% linear over 6 months
Round buyers	20% at purchase and 80% linear over 6 months
DAO Community	Released by governance decision, with an annual cap per program

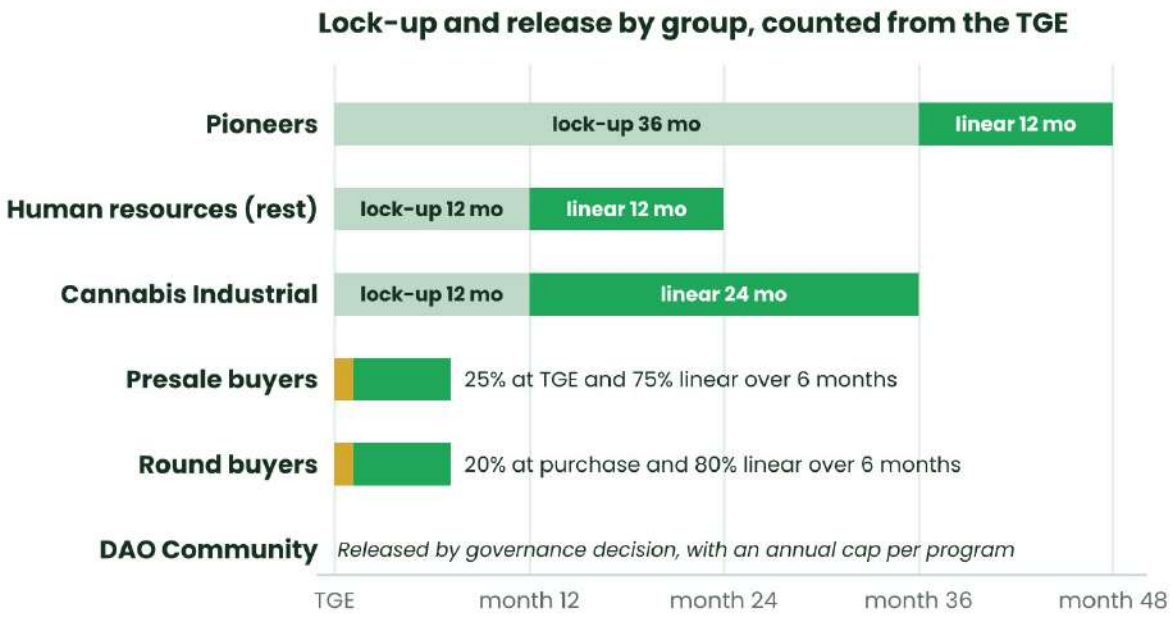

Figure 4. *Lock-up and release by group, according to the table above.*

Genesis and rounds

Of the 200,000,000 pre-mined CCC, 100,000,000 belong to the pioneers and 100,000,000 are for offering: 9,000,000 for the presale and 91,000,000 as reserve. The entire Period 1 (3,141,592,653 CCC, genesis included) is issued according to the decreasing monthly curve. Since the genesis is already issued from the TGE, the installments of months 1 to 3 are zero, because the curve does not yet exceed 200,000,000 CCC. From month 4 the difference is issued (62,964,621 CCC in that month). At month 60 the cumulative amount is exactly 3,141,592,653 CCC; the installment of each month is the difference between two whole-number cumulative values of the curve, so no residue is left.

Stage	CCC	Reference price	Origin
Presale	9,000,000	US$900,000	Genesis
Round 1	55,000,000	US$5,500,000	Reserve (91,000,000 become 36,000,000)
Round 2 (month ≥ 12 after the TGE)	180,000,000	US$18,000,000	36,000,000 from reserve and 144,000,000 from issuance
Round 3 (month ≥ 40)	350,000,000	US$35,000,000	Issuance of the investor allocation
Total sold	**594,000,000**	**US$59,400,000**	

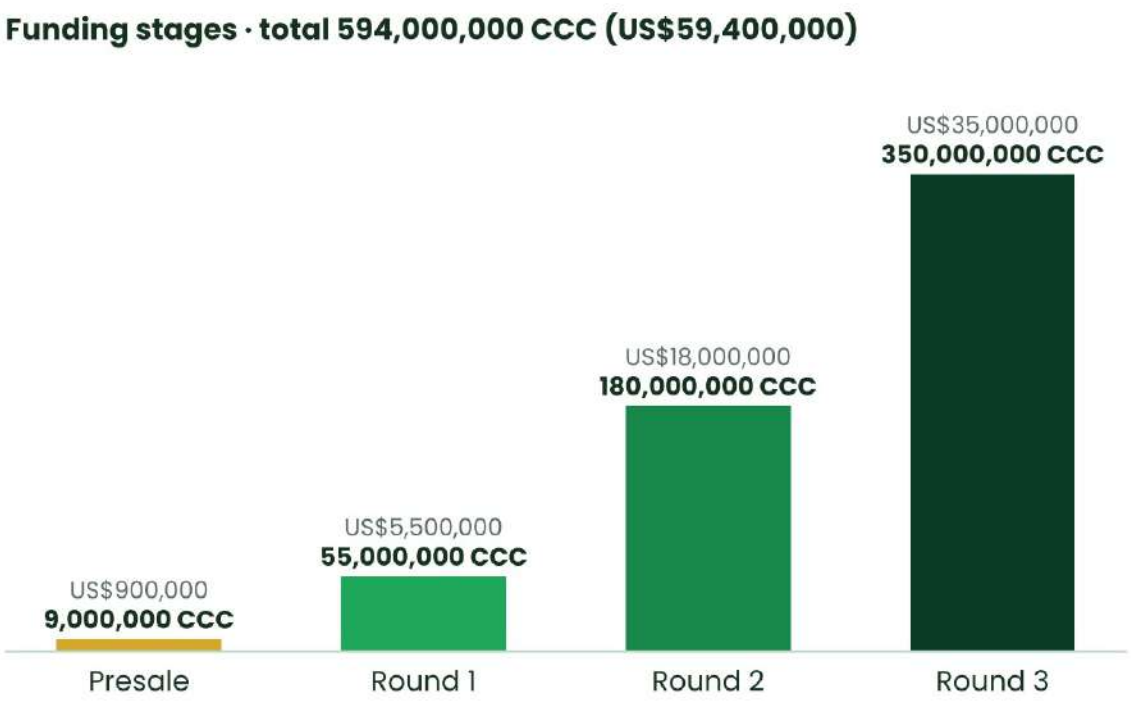

Figure 5. *Sale stages: presale and three rounds (594,000,000 CCC in total).*

The investor allocation (1,005,309,648 CCC) minus what was sold leaves 411,309,648 CCC unsold; they are kept as a liquidity and market reserve and only move by governance decision. The rounds depend on a favorable legal opinion and on the contract audit.

With this curve, the investor allocation issued up to month 12 is about 173 million CCC (the second round needs 144 million) and up to month 40 about 636 million (rounds 2 and 3 need 494 million).

The theoretical fully diluted valuation (FDV) with all of Period 1 at US$0.10 is US$785,398,163. It is not a market price or a target.

Contracts

CCCToken, EmissionSchedule (release() function, which applies the precomputed decreasing monthly curve and includes the distribution), TrancheVault (lock-up and linear release per allocation), MerkleVestingClaim (claim with vesting), optional RoundSale (USDC, with an allowlist), Timelock with Safe (and later Governor), LPLocker, ArtNFT (ERC-721/1155 with ERC-2981 royalties) and Paymaster. Everything is audited before the TGE and the code is published.

PART 3 · FINANCING AND INVESTMENT CAMPAIGN

IX. Pre-launch and launch rules

Pre-launch offering and lock-up commitments

9,000,000 pre-mined CCC tokens are made available for the immediate offering. In total 200,000,000 CCC are pre-mined: 100,000,000 for the pioneer human resources and 100,000,000 to be offered; of the latter, 9,000,000 are the pre-launch offering and 91,000,000 remain available when circumstances warrant and there is consensus among the parties.

- The pioneer human resources commit not to exchange the pre-mined CCC before the first 3 years after launch have passed.
- Pre-launch investors commit not to exchange them before the first year.
- The funds raised and their distribution will be publicly displayed at www.cannabiscoin.com.co.

Price and purchase conditions

- Minimum pre-launch purchase: 500 CCC (US$50); maximum: 1,000,000 CCC (US$100,000). The projected raise is 9,000,000 CCC (US$900,000). Price: 500 CCC for US$50, that is, US$0.10 per CCC.
- The token will be exchangeable on the Exchange platform (in a first stage, on an existing DEX; see section XIII) once the financing objectives are achieved, to then give way to three investment rounds.

Benefits for pre-launch investors

- Pre-launch investors get free access to the Academy in Decentralized Finance, Blockchain and Biotrade and to the services of the Mota Virtual Cannabis Hotel and the Cannabis Clinic and SPA (themed health and wellness tourism, initially virtual), along with the comics and video games Master Growers, Mota Hotel, Psiconautas and SuperLesbiana.
- For investments above US$5,000 a cannabis kit is given as a gift: an exclusive physical representation of the token in polymer (two-sided coin with the logo), cannabis fabric and paper samples, 3 propagation media, scalpel and aloe vera gel for cloning, complete and germination substrates, a small planter pot, a stem and root sample and 3 non-psychoactive cannabis seeds.

Internal reference and original commitment

- **Internal reference:** 1,000 g of excellent-quality dried flower, vacuum-packed, is equivalent to 10,000 CCC; thus 900,000 CCC correspond to 0.9 tons (900 kg). It is a reference standard, with an

interest in higher-value-added products (cosmetics, food and beverages, textiles, paper, construction materials) displayed in the E-Commerce. In short, 1 g of excellent-quality dried flower, vacuum-packed, is taken as equivalent to 10 CCC (US$1).

- **Initial commitment:** operation of the ecosystem, E-Commerce, software and apps, research projects, the SuperLesbiana line and academic programs.

Note 1: The reference of 1,000 g of flower for 10,000 CCC remains as the ecosystem's internal unit of account. It is not a promise of physical delivery. The benefits (access, kit, training) do not include future payments or returns. The lock-up commitments are fulfilled with smart contracts (see section VIII) and not only with the word between the parties. The reference of 1 g of flower for 10 CCC (US$1) is an internal unit of account defined by the project; although it is approximate (depending on quality and context), there is no unified official market price for flower.

X. Distribution of the funds raised in the pre-launch

Of the 9,000,000 CCC (US$900,000), 10% goes to marketing (US$90,000). The distribution of the tokens is:

1. Equipment and infrastructure of the CDT (Technological Development Center specialized in Cannabis and other Entheogens) and the Academy: 2,700,000 CCC.
2. Strengthening of platforms (Exchange and Biotrade) and of the CCC token: 1,800,000 CCC.
3. Entertainment and immersion (Cannabis Metaverse, Vivid Virtual Experiences, comic and video games Master Growers and Mota Hotel): 1,350,000 CCC.
4. Virtual services (Mota Virtual Hotel, permanent 4:20 room, Cannabis Clinic and Virtual SPA): 2,250,000 CCC.

The sum is 8,100,000 CCC plus 10% for marketing (900,000 CCC) = 9,000,000 CCC.

XI. Financing and investment campaign

Required resources

The human resources and Cannabis Industrial SAS have joined forces around the project's axes. To strengthen it, the raising of 594,000,000 CCC (18.9% of Period 1) is required, in stages: pre-launch of 9,000,000 CCC; first round of 55,000,000 CCC, from June 2027; second round of 180,000,000 CCC

starting in month 12 after the TGE; third round of 350,000,000 CCC starting in month 40 after the TGE. The sum is 594,000,000 CCC, equivalent to US$59,400,000 at the US$0.10 reference price.

Funding sources

1. Offering of 9,000,000 CCC in presale during the launch.
2. Offering of the pre-mined tokens after the launch (91,000,000 CCC).
3. Offering of the 32% share (investors' token allocation).
4. Donations, given the social and environmental background, and crowdfunding.
5. Funds to co-finance projects in calls from MinCiencias, Finagro and other entities in Colombia and abroad.

Duration of the fundraising campaign

In stages: (1) public launch, 6 months before the first round, with an expectation of 9,000,000 CCC; (2) first round, with an expectation of 55,000,000 CCC, from June 2027; (3) starting in month 12 after the TGE, a six-month second round for 180,000,000 CCC. The third round (350,000,000 CCC) is projected to start in month 40 after the TGE.

Accepted forms of money

Colombian pesos, dollars, euros and other fiat currencies, as well as BTC, ETH, LTC, ADA, BNB and other cryptocurrencies and tokens. At the start, the rounds will accept only bank transfer and USDC, with identity verification and source-of-funds checks.

XII. Distribution of the funds of the first round (55,000,000 CCC)

Nine lines of work:

1. **DAO producers (5,000,000 CCC):** support to establish cultivars, including the license if they do not have one, with a commitment to sell the harvest exclusively to CCC through Cannabis Deposit Certificates (CDC). Includes payment of the license in an associative scheme, training and advice, machinery and tool kit, technical assistance, propagation material, bio-inputs, closed-circuit video with web streaming, financial support during the 5 months of the cycle for 5,000 plants (subject to supervised weekly goals), enrollment in the health insurance system (EPS) and food assistance. It allows supporting 25 families, and investors get access to the images in real time.
2. **Software, apps and CDT (5,000,000 CCC):** pharmaceutical, industrial and analytical lines; bioprospecting studies on entheogens; purchase of equipment and staff.

3. **Academy (3,000,000 CCC):** equipment, staff and operation of the virtual academy, with 2,000 initial seats.
4. **Exchange and E-Commerce platforms (5,000,000 CCC).**
5. **Cannabis Clinic and SPA health provider, IPS (6,000,000 CCC):** setup and operation with CDT products; in the pre-launch, virtual assisted interaction.
6. **Mota Cannabis Hotel (6,000,000 CCC):** starts virtual and later physical, as a themed hotel.
7. **Cannabis Metaverse and EVV (10,000,000 CCC):** commercialization strategy with real-time assisted experiences, through augmented virtual reality glasses and wristbands that stimulate sight, hearing and smell.
8. **Strategic investment in crypto-assets and tokenization of real assets (10,000,000 CCC):** purchase of CCC, Bitcoin and others.
9. **Social alternative-energy project for cryptocurrency mining (5,000,000 CCC, US$500,000):** (i) blue energy on the Colombian Pacific coast, a region with non-interconnected zones and water resources, with family gardens; (ii) a wind and solar park in La Guajira, for communities such as the Wayuu, with family gardens; (iii) cogeneration with the heat from mining: a dielectric fluid cools the equipment and carries the heat to a compartment with water, transferring thermal energy to the water from a boiler to generate steam and electricity. The three projects will be put to a vote to finance one.

The sum of the lines is 55,000,000 CCC. For the following two rounds, the projections in section IV will be taken into account, with consensus among the parties, including the new investors.

PART 4 · OPERATION, GOVERNANCE AND ROADMAP

XIII. Wallet, balance claiming and DEX

Self-custody wallet

The ecosystem's wallet was designed as a progressive web application (PWA) for Colombians with no cryptocurrency experience.

- **Real self-custody.** The keys never sit on the project's servers; the project cannot move anyone's funds.
- **Passkeys (WebAuthn).** You sign in with your phone's fingerprint or face, without a 12-word seed phrase as a first step.
- **ERC-4337 smart account** with ERC-1271 contract signatures, social recovery (trusted contacts or your own backup) and security limits.
- **Sponsored gas.** A bundler and a paymaster pay the fees only for permitted contracts and with daily caps per person. Example budget: US$100 to US$4,000 per month (10,000 users × 20 transactions × US$0.0005 to US$0.02).
- **Unique adult person.** Verified with an IdentidadLibre credential (zero-knowledge proof of age), without exposing documents.
- **No health data on-chain.** HiCEC and MedCannAI remain off-chain.

Balance claiming

Delivery works as follows: (1) the team consolidates the registry of presale buyers (person, amount, date, payment method); (2) the Merkle root of the registry is published; (3) each buyer claims from their wallet, and the tokens go to their vesting vault with the lock-up rules of section VIII; (4) purchases not claimed within the deadline remain in the contract's custody by governance decision. Before the root is published, each purchase is verified against its receipt.

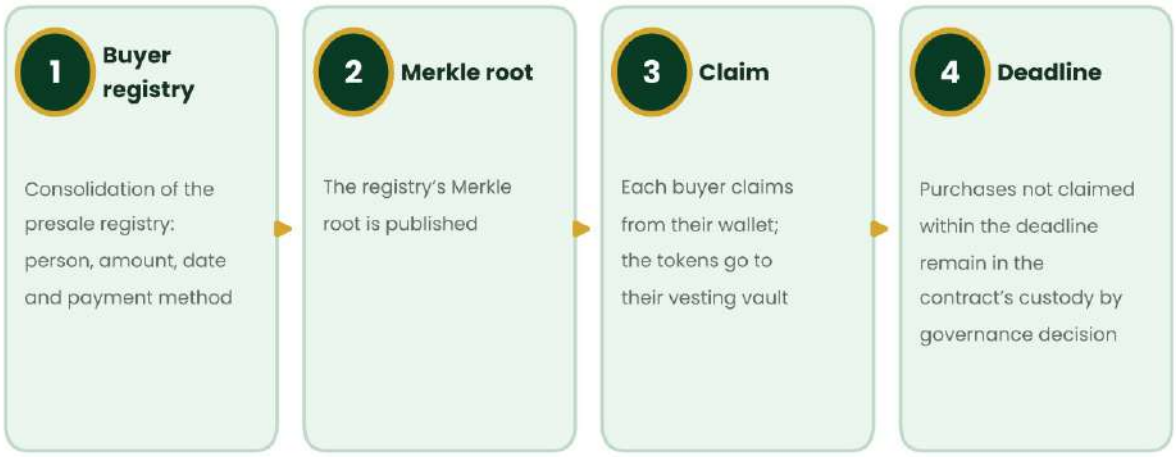

Figure 6. *Presale balance-claiming process.*

Market and DEX

1. First an existing DEX on Polygon (such as Uniswap and QuickSwap) with a CCC/USDC pool.
2. Liquidity locked for 12 to 24 months through LPLocker.
3. **Depth.** With a US$100,000 pool, a US$500 purchase moves the price by about 1% and a US$2,000 one by about 4%, so the initial liquidity must be sized before opening.
4. Centralized exchanges only when there are compliance and listing policies favorable to the cannabis sector.
5. Our own DEX only in Phase 7, meeting criteria of volume, security, budget and legal framework.

XIV. DAO governance, legal aspects and compliance

Governance

- **Phase 1:** 3-of-5 Safe with a 48-hour Timelock. Every administrative action is announced on-chain two days before it is executed. The 5 signers and their identity are published.
- **Phase 2:** Governor on ERC20Votes, with proposals, quorum and voting by those who hold CCC, to decide for example the liquidity reserve, the programs of the DAO and the Community, along with the projects of section XII.
- The token contract is not upgradeable: governance cannot change the cap, create extra tokens or freeze balances.

> **Regulatory note.** Bill 510 of 2025 on crypto-assets was shelved in 2026; for this reason the framework remains the general one.

Operational compliance

Identity and age-of-majority verification before any purchase; a list of excluded persons and jurisdictions; data processing with express consent and an updated privacy notice; a quarterly report on the use of funds on the website; no returns, guaranteed gains or buyback commitments are associated with any project communication.

XV. Timeline and roadmap (new dates)

The dates are targets with progress conditions (gates): each phase starts only if the previous one has met its purposes.

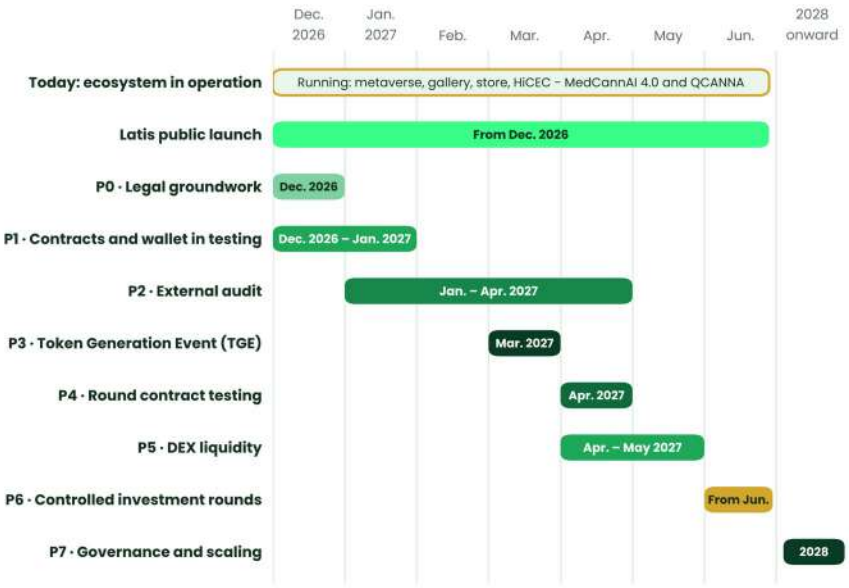

Figure 7. *Roadmap: phases and periods.*

Phase	Period	Exit milestone
Today: ecosystem in operation	Running	Metaverse, gallery, store, HiCEC - MedCannAI 4.0 and QCANNA already work
Public launch of Latis, the CCC wallet	From Dec. 2026	Self-custody wallet: passkeys, sponsored gas, social recovery, unique person and balance claiming
P0. Legal groundwork	Dec. 2026	Settle the terms of the token and of the investment rounds; legal vehicle for the DAO; updated policies; cleaned-up presale registry
P1. Contracts and wallet in testing	Dec. 2026 – Jan. 2027	Polygon Amoy, with real users testing the Latis wallet
P2. External audit	Jan. – Apr. 2027	Independent review and published corrections; audited by modules: first token, vesting and claim; then wallet and rounds
P3. Token Generation Event (TGE) and claim	Mar. 2027	The token is born on Polygon PoS and balances are claimed; vesting vaults active
P4. Round contract testing	Apr. 2027	Allowlist, identity verification and vesting (20% at purchase, 80% linear over 6 months), within the scope of the external audit
P5. DEX liquidity	Apr. – May 2027	CCC/USDC pool with locked liquidity; risk information visible
P6. Controlled investment rounds	From Jun. 2027	Staged distribution, subject to legal approval, with an allowlist and identity verification
P7. Governance and scaling	2028 onward	Governor active; evaluation of our own DEX and of exchange listings

Payments with CCC in the store, the gallery and the metaverse are enabled in stages starting from P3. The detailed plan, with owners, budget and indicators, is in the strategic plan document that accompanies this version.

XVI. Risks

- **Regulatory.** An unfavorable opinion could force changes to the rounds.
- **Smart contracts.** They can have errors even with an audit; that is why there are caps, lock-ups and an external audit.
- **Market and liquidity.** The price can be volatile; with little liquidity, small purchases move the price a lot.
- **Cannabis sector.** Exchanges, app stores and banks may restrict services.
- **Execution.** Dates depend on resources and on the gates.
- **Personal data.** The buyer registry and identity verification demand strict protection.
- **Concentration.** Cannabis Industrial, the human resources and the pioneers receive 53% of Period 1 (35% + 18%); the contract lock-ups reduce, but do not eliminate, that risk.
- **Total loss.** Whoever buys may run the risk of losing what they contributed.

Measures to address each of the risks above

1. Regulatory

- Before each round, a written legal opinion. Without that document the round does not open. It is the gate of phase P0.
- Make the round a separate contract (RoundSale), which governance can close or pause without touching the token. If the opinion is unfavorable, the round is halted and the token keeps working.
- **Do not wait for a prior permit.** The Superfinanciera (Colombia's financial regulator) warns that it does not supervise, regulate or endorse business models based on cryptocurrencies, and Colombia has no comprehensive law on virtual assets. The real protection is a formal consultation with the competent authority, already carried out previously, in which the above is confirmed.
- List of excluded countries and persons, age and identity verification before any purchase.
- Written Plan B: if the opinion is negative, move the date of the round and redesign the offering, without changing the token contract.
- Monitor the regulations (Superfinanciera, Supersociedades, UIAF) once a month, as has been done so far.

2. Smart contracts

- External audit by modules, in this order: token, vesting and claim first. Nothing goes to Polygon PoS without a published report and corrected findings.
- **An audit is not enough.** It must be combined with a bug bounty program proportionate to the funds at risk, monitoring, emergency controls and an incident plan.
- Staged launch with caps: Safe and Timelock operating with rehearsed signers, amount limits, alerts and a practiced incident manual.

- **Pause only on what is sold, never on the token.** The token has no pause and no administrator, and that stays. In RoundSale and in the claims, a pause that only the Safe can activate is advisable.
- Freeze the code in a published version, with verification on Polygonscan and a public repository.
- Full dress rehearsal on Amoy with the complete deployment before repeating it on the main network.

3. Market and liquidity

- Liquidity locked in the LPLocker contract, with the unlock date published, and a CCC/USDC pool sized with its impact rule. With US$100,000 in the pool, a US$2,000 purchase moves the price by about 4%.
- Warning in LATIS when a purchase or sale changes the price by more than a certain percentage (for example 2%), and a limit per transaction.
- **Do not promise price or market.** Say so on every purchase screen.
- Liquidity reserve of 411,309,648 CCC only by governance decision, never to support the price.
- No buybacks or opaque market makers. If one day there is a market maker, it must be under a written, public contract.

4. Cannabis sector

- **LATIS does not sell cannabis.** It is a neutral wallet, an installable web application (PWA) outside the app stores. Google Play does not allow apps that facilitate the sale of marijuana, even where legal, and Apple has an equivalent rule. Product sales stay on the commerce website, not inside the wallet.
- Separate entities: the one that operates the token and the wallet, distinct from the one that operates the cannabis, so that a restriction on one does not halt the other.
- Two banks and two payment methods (transfer and USDC), and not depending on a single exchange. The treasury lives in the Safe, not on a platform.
- Operating cushion: at least three months of expenses in USDC inside the Safe.
- Replicated site (main domain plus a mirror) in case a hosting provider cancels the service.
- Paperwork up to date: licenses, registrations and permits in force, ready for when a bank or exchange asks for them.

5. Execution

- **“No gate, no date”:** each phase has exit criteria (legal opinion, audit, testing) and the dates are published as targets, not as commitments.
- One person responsible for each front, and a coordination meeting, as the plan already says.
- A 20 to 30% margin on deadlines and budget, because the critical path is: legal opinion, audit, TGE.
- Public monthly progress report, with what has been done and what is delayed.

- Do not depend on a single person or a single provider. Everything documented and in a repository, and an alternative plan for the sponsored-gas provider (ZeroDev). Since it uses the ERC-4337 standard, the provider can be changed.
- **Cut scope before date:** if something is delayed, what is not essential is deferred (for example advanced social recovery).

6. Personal data

- **Collect the minimum.** The passkey server stores only public keys. On-chain go addresses and amounts, never names or documents.
- Prior and express authorization, privacy notice and policy published, in line with Law 1581 of 2012.
- Registration of the databases in the RNBD (National Database Registry). All public and private organizations must comply with the National Database Registry, including the reporting of security incidents, and the SIC (Superintendence of Industry and Commerce) can sanction non-compliance.
- Contracts with each provider that touches data (identity verification, hosting, sponsored gas), with confidentiality and international-transfer clauses.
- **Delegated identity verification:** the provider returns only “unique adult person”, and the project does not keep the photos or documents.
- Basic security: encryption, access only for authorized people with access logs, backups and an annual incident drill.
- Health data (HiCEC) kept separate from the rest, off-chain, with its own rules.
- Appoint a person responsible for personal data.

7. Concentration (53%)

- Public unlock calendar, verifiable on-chain (Industrial 12+24 months, Human Resources 12+12, pioneers 36+12), with a dashboard visible to everyone.
- **Locked tokens without a vote.** Tokens held in the vaults must not vote until they are released, and that must be recorded as a design and testing rule.
- Governance with counterweights: minimum quorum, reinforced majority for critical decisions, 48-hour Timelock, and anyone with a personal interest in the proposal abstains.
- Large sales announced a few days in advance, so the market is not surprised.
- Independent Safe signers: five distinct people, with keys on hardware devices, and not all depending on the same entity.
- Conflict-of-interest policy signed and published.

8. Losses

- Clear notice at purchase: three mandatory checkboxes (“I may run the risk of losing what I contributed”, “there is no market guarantee”, “it is not a savings product”) and a short comprehension question.
- A limit per person and per round, and a minimum time between registration and purchase.

- **Use of funds in tranches:** resources are released from the Safe against milestones and with a quarterly report, as the White Paper already provides.
- Zero promises of returns in any communication, with a lawyer's review of every piece.
- Contract lock-ups (presale 25% at the TGE and 75% linear over 6 months; rounds 20% and 80% linear) so that there are no mass sales at the start.
- Honest message in LATIS: "use only money you can afford to lose", visible on the purchase screen.

PART 5 · ANNEXES

XVII. Glossary

- **TGE:** the moment when the token is generated and becomes available on-chain.
- **Vesting:** scheduled release of tokens over time.
- **Passkey:** your phone's access key (fingerprint or face) that replaces the password.
- **ERC-4337:** smart-account standard on Ethereum and compatible networks.
- **Paymaster:** a service that pays network fees on behalf of the user.
- **Merkle:** a structure that lets you prove someone is on a list without publishing the whole list.
- **Timelock:** a mandatory delay between announcing and executing an administrative action.
- **DEX:** a decentralized marketplace for exchanging tokens.
- **FDV:** valuation with all possible tokens in circulation; it is theoretical.

XVIII. Social networks and web

- **Facebook:** @ccc.cannacoincommunity and @cindustrialcolombia
- **X (Twitter):** CCCannabisCoin
- **Instagram:** cannabiscoin_community, expocanamocolombia and cannabis_industrial
- **WhatsApp:** +57 301 2627098
- **Websites:** www.cannabiscoin.com.co (main) and www.cannabisindustrial.co
- **E-Commerce:** comercio.cannabiscoin.com.co
- **Art gallery:** galeria.cannabiscoin.com.co
- **Email:** info@cannabiscoin.com.co