MiCAR WHITE PAPER

DavinCoin (DAVC)

Version 1 — 06 September 2025

White paper compiled in accordance with **Regulation (EU) 2023/1114** (Markets in Crypto-Assets Regulation, *MiCAR*) and **Commission Implementing Regulation (EU) 2024/2984** (Annex I, Table 2 – Other Crypto-Asset) for the European Union (EU) and European Economic Area (EEA).^

Purpose: Seeking admission of DavinCoin (DAVC) to trading on permission-less decentralised exchanges (DEX) in the EU/EEA.
Prepared and filed by: CoreTech Software Solutions LLC
NOTE: THIS CRYPTO-ASSET WHITE PAPER HAS **NOT** BEEN APPROVED BY ANY COMPETENT AUTHORITY IN ANY MEMBER STATE OF THE EUROPEAN UNION. THE PERSON SEEKING ADMISSION TO TRADING IS SOLELY RESPONSIBLE FOR THE CONTENT OF THIS CRYPTO-ASSET WHITE PAPER ACCORDING TO MiCAR.

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01 Date of notification

06 September 2025

02 Responsibility statements

In relation to the provider:
“This crypto-asset white paper has not been approved by any competent authority of a Member State of the European Union. The provider of the crypto-asset bears sole responsibility for its content.”

In relation to the person seeking admission to trading:
“This crypto-asset white paper has not been approved by any competent authority of a Member State of the European Union. The person seeking admission to trading bears sole responsibility for its content.”

- **Art. 6(5)(a,b,c):**

“The crypto-asset described herein may lose value in whole or in part, may not always be transferable and may lack liquidity.”

- **Art. 6(5)(d):**

“The crypto-asset described herein may not be exchangeable for the goods or services described in this white paper, particularly in the event of project failure or termination.”

- **Art. 6(5)(e,f):**

“The crypto-asset described herein is not covered by investor-compensation schemes under Directive 97/9/EC or deposit-guarantee schemes under Directive 2014/49/EU.”

03 Compliance statement (Title II)

„This crypto-asset white paper complies with Title II of Regulation (EU) 2023/1114 of the European Parliament and of the Council and, to the best of the knowledge of the management body, the information presented in the crypto-asset white paper is fair, clear and not misleading and the crypto-asset white paper makes no omission likely to affect its import“

04 Warning (Art. 6(5)(a)(b)(c))

The crypto-asset referred to in this crypto-asset white paper may lose its value in part or in full, may not always be transferable and may not be liquid

05 Warning (Art. 6(5)(d) – Utility tokens)

The utility token referred to in this white paper may not be exchangeable against the good or service promised in this white paper, especially in the case of a failure or discontinuation of the crypto-asset project.

06 Warning (Art. 6(5)(e)(f) – Schemes)

The crypto-asset referred to in this white paper is not covered by the investor compensation schemes under Directive 97/9/EC of the European Parliament and of the Council or the deposit guarantee schemes under Directive 2014/49/EU of the European Parliament and of the Council.

07 Summary

This summary should be read as an introduction to the crypto-asset white paper. | The prospective holder should base any decision to purchase this crypto –asset on the content of the crypto-asset white paper as a whole and not on the summary alone. | The offer to the public of this crypto-asset does not constitute an offer or solicitation to purchase financial instruments and any such offer or solicitation can be made only by means of a prospectus or other offer documents pursuant to the applicable national law. | This crypto-asset white paper does not constitute a prospectus as referred to in Regulation (EU) 2017/1129 of the European Parliament and of the Council or any other offer document pursuant to Union or national law.

- **Characteristics (08).** DavinCoin (DAVC) is a fungible BEP-20 token deployed on the BNB Smart Chain (BNB Chain). Holders have the right to use DAVC as execution fuel within CoreTech's modules (e.g., staking rewards access, governance interactions, utility modules). Token holders must comply with the relevant smart-contract rules, with blockchain gas fees paid in BNB. These rights and obligations may be amended only via on-chain governance proposals approved by a token-holder majority.

- **Utility Access (09).** DAVC grants access to CoreTech's decentralized services, including protocol fee rebates via staking, participation in an on-chain insurance pool, and governance voting on smart-contract parameters. Tokens are fully transferable and divisible to 18 decimal places, confer no ownership, dividend or creditor rights, and may be subject to future governance-approved changes.

- **Public offer and admission to trading (10).** A public offering of up to 500,000,000 DAVC with no minimum subscription at a fixed issue price of 1 DAVC = 0.01 USDT is conducted in the EU/EEA pursuant to Articles 4 and 5 MiCAR, followed by admission to trading on permissionless DEX on the BNB Smart Chain (notably PancakeSwap). Purchasers bear only network/transaction fees; withdrawal rights and reimbursement arrangements are described in sections E.25–E.26.

A. Part A – Information about the offeror / person seeking admission to trading

Field	Information
A.1 Name	CoreTech Software Solutions LLC
A.2 Legal Form	Limited Liability Company (Commonwealth of Virginia, USA)
A.3 Registered Address	480 W. Jubal Early Dr., Suite 200, Winchester, VA 22601, USA
A.4 Head Office	Same as A.3
A.5 Registration Date	30 April 2025
A.6 Legal Entity Identifier	984500CB106AEEE4B489
A.7 Another Identifier required pursuant to applicable national law	Not applicable
A.8 Contact Telephone Number	+491634930263
A.9 E-mail Address	info@davincoin.com
A.10 Response Time (days)	5 business days
A.11 Parent Company	CoreTech Software Solutions LLC (LEI: 984500CB106AEEE4B489) operates under the trading name “CTS Solutions LLC” for its blockchain technology services (see https://ctssol.com/#sec1).

A.12 Members of the Management Body	Bahamin Barmar (Foumder) Babak Barmar (Chief Executive Officer)
A.13 Business Activity	Development of software solutions for companies and ordinary users
A.14 Parent Company Business Activity	Not applicable
A.15 Newly Established	True
A.16 Financial Condition for the past three years	Not applicable — the company was recently established and has no completed financial years.
A.17 Financial Condition since registration	CoreTech Software Solutions LLC was incorporated on 30 April 2025 as a limited liability company in Virginia, USA. Since registration, the company has not conducted any revenue-generating business and does not hold material financial assets or liabilities. The company has not raised external capital and is funded exclusively through internal resources provided by its founders. There are currently no material financial obligations, and the company operates without debt. Expenses incurred relate solely to legal setup, smart contract development, and regulatory compliance. A formal financial statement will be published in the first full business year following registration.

B. Part B – Information about the issuer, if different from the offeror

Field	Information
B.1 Issuer different from offeror or person seeking admission to trading	Not applicable (same entity).
B.2 Name	Not applicable
B.3 Legal Form	Not applicable
B.4 Registered Address	Not applicable
B.5 Head Office	Not applicable
B.6 Registration Date	Not applicable
B.7 Legal Entity Identifier	Not applicable
B.8 Another Identifier Required Pursuant to Applicable National Law	Not applicable
B.9 Parent Company	Not applicable
B.10 Members of the Management Body	Not applicable
B.11 Business Activity	Not applicable
B.12 Parent Company Business Activity	Not applicable

C. Part C – Information about the operator of the trading platform (where it draws up the white paper) & other persons drawing up the white paper

Field	Information
C.1 Name	Not applicable – DAVC will trade on permission-less DEX pools; no centralised operator drafts this white paper
C.2 Legal Form	Not applicable
C.3 Registered Address	Not applicable
C.4 Head Office	Not applicable
C.5 Registration Date	Not applicable
C.6 Legal Entity Identifier	Not applicable
C.7 Another Identifier Required Pursuant to Applicable National Law	Not applicable
C.8 Parent Company	Not applicable
C.9 Reason for crypto-asset white paper preparation	Seeking admission to trading and conducting a public offer pursuant to Articles 4 and 5 MiCAR.
C.10 Members of the Management Body	See A.12
C.11 Operator Business Activity	Not applicable

C.12 Parent Company Business Activity	Not applicable
C.13 Other persons drawing up the white paper (Art 6 (1) second sub-paragraph)	Not applicable
C.14 Reason for drawing up the white paper under Art 6 (1) second sub-paragraph	Not applicable

D. Part D – Information about the crypto-asset project

Sub-field	Information
D.1 Crypto-Asset Project Name	DavinCoin
D.2 Crypto-Assets Name	DavinCoin
D.3 Abbreviation	DAVC
D.4 Crypto-Asset Project Description	DavinCoin (DAVC) is a fungible BEP-20 token deployed on the BNB Smart Chain (BNB Chain). It serves as execution fuel within CoreTech's modular decentralized applications for staking, protocol insurance, and governance voting.
D.5 Details of all persons involved in the implementation	Development Team: Bahamin Barmar, Babak Barmar (CoreTech Software Solutions LLC) Future Governance: DavinCoin DAO (to be established Q4 2025)
D.6 Utility Token Classification	true

D.7 Key Features of Goods/Services

DavinCoin's main features—token management, staking, mining, and insurance—are each housed in dedicated modules. This separation allows the system to be updated or expanded (e.g., with a future funding module) without disrupting existing functionalities.
DavinCoin connects to trusted external data sources through its OracleModule, ensuring accurate and automated risk assessments for various asset types—essential for a flexible insurance process.
Every transaction, policy creation, and payout is permanently recorded on the blockchain. Both insurance providers and policyholders can verify all actions, guaranteeing full transparency and trust.

D.8 Plans for the Token

Thanks to its modular approach, DavinCoin can seamlessly integrate new features, adapt to changing market demands, and continuously evolve without impacting the core platform.
Introduction of additional modules such as the funding module or community-driven funding options.
Continuous ecosystem improvements based on community needs and market developments.

D.9 Resource Allocation

Not applicable – no public offering/fund-raise. No initial capital has been raised; all development and infrastructure were funded by CoreTech Software Solutions LLC using internal resources.

D.10 Planned Use of Collected Funds

As no fundraising is conducted, no allocation plan is defined. Future proceeds (e.g. from trading revenue or partnerships) may support security audits, development and insurance reserves.

E. Part E – Information about the offer to the public of crypto-assets or their admission to trading

Field	Information
E.1 Public Offering or Admission to Trading	Public offer and admission to trading in the EU/EEA pursuant to Articles 4 and 5 MiCAR.
E.2 Reasons for Public Offer/Admission	Objective: Enable secondary-market trading of DAVC within the EU/EEA and enhance regulatory transparency under MiCAR Title II.
E.3 Fund-raising Target	Not applicable. No funds are raised through this admission. CoreTech generates revenue via protocol fees (e.g. swap fees retained in DAVC) and premium service charges.
E.4 Minimum Subscription Goal	no minimum subscription
E.5 Maximum Subscription Goal	Total issuance: 500,000,000 tokens (fixed supply).
E.6 Oversubscription Acceptance	**False** – Over-subscriptions are not applicable, as there is no defined token sale or fixed allocation mechanism.
E.7 Oversubscription Allocation	Not applicable – Over-subscription does not apply to the decentralized trading model used for DAVC.
E.8 Issue Price	DAVC is issued at a fixed ratio of 1 DAVC = 0.01 USDT. The euro equivalent is indicative and reflects the prevailing USDT/EUR rate at the time of purchase; this fixed ratio remains constant throughout the issuance period.

E.9 Reference Currency/Crypto-Asset	The issue price of DAVC is referenced to USDT at a fixed ratio of 1 DAVC = 0.01 USDT. The euro equivalent is based on the prevailing USDT/EUR rate at issuance and may fluctuate; the DAVC/USDT ratio remains constant.
E.10 Subscription Fee	No subscription, placement or issuance fees apply to the acquisition of DAVC tokens. Purchasers incur only the consideration required to acquire DAVC at the fixed issue ratio.
E.11 Offer-Price Determination Method	The issue price is set by the Automated Market Maker constant-product formula x × y = k, where: • x = number of DAVC tokens in the initial liquidity pool, • y = number of USDT tokens paired with DAVC, • k = the constant established at pool provisioning. • At provisioning, x and y are chosen so that y / x = 0.01 USDT per DAVC, fixing the initial price at 0.01 USDT per DAVC. The constant k remains unchanged; subsequent trades adjust x and y and therefore the market price automatically.
E.12 Total Number of Offered/Traded Crypto-Assets	Up to 500 000 000 DAVC (current circulation)
E.13 Targeted Holders	All

E.14 Holder Restrictions	No restrictions apply to holders of DAVC tokens. Any natural or legal person may acquire, hold and transfer DAVC without limitation; there are no residency, accreditation, whitelist or other eligibility requirements.
E.15 Reimbursement Notice	Not applicable
E.16 Refund Mechanism	Not applicable
E.17 Refund Timeline	Not applicable
E.18 Offer Phases	Not applicable
E.19 Early Purchase Discount	Not applicable
E.20 Time-Limited Offer	No
E.21 Subscription Period Beginning	Not applicable
E.22 Subscription Period End	Not applicable

E.23 Safeguarding Arrangements for Offered Funds/Crypto-Assets

The DAVC token smart contract on the BNB Smart Chain mints all tokens to a single owner wallet controlled by CoreTech. That owner wallet and all subsequent category wallets (Staking Rewards, Development, Community Incentives, Liquidity Reserve, Team and Advisors, Marketing, etc.) are standard externally owned accounts. No multi-signature controls, on-chain timelocks, escrow arrangements, or external audits have been implemented for any of these wallets or the liquidity pool. All token custody and transfers are governed by the default smart-contract logic until on-chain governance via DAO is activated.

E.24 Payment Methods for Crypto-Asset Purchase

DAVC can be acquired on permissionless Automated Market Maker (AMM) DEXs on BNB Chain by swapping BNB or USDT for DAVC. To purchase, users must:

1. Connect a Web3-compatible wallet (e.g., MetaMask, Rabby, Ledger) to the DEX interface.
2. Ensure they hold a sufficient BNB balance to cover network gas fees (and, if using BNB as payment asset, the swap amount).
3. Select the DAVC/BNB or DAVC/USDT liquidity pool on PancakeSwap.
4. Input the amount they wish to swap; the DEX will calculate the corresponding DAVC amount at the current pool price.
5. Confirm the transaction; settlement occurs on-chain and is typically finalized within one block confirmation.

No fiat or off-chain payment methods are supported; all transactions and fees are denominated on-chain in BNB and/or USDT.

E.25 Value Transfer Methods for Reimbursement	Reimbursements in the context of withdrawal rights under Article 13 MiCAR are settled in the original purchase currency (BNB or USDT) via on-chain transfer to the purchaser's originating wallet. The issuer processes reimbursements without undue delay and no later than 14 calendar days after receipt of the withdrawal notice. Any on-chain transaction (gas) costs incurred for the reimbursement are borne by the issuer.
E.26 Right of Withdrawal	Purchasers participating in the Public Offering of DavinCoin have the right to withdraw their commitment during the specific offer period of the Public Offering phase in which they purchased tokens, in accordance with Article 13 of Regulation (EU) 2023/1114.
E.27 Transfer of Purchased Crypto-Assets	Instant transfer upon DEX swap execution (AMM-based mechanism).
E.28 Transfer Time Schedule	Block confirmation time on BNB Chain (typically around 3 seconds).
E.29 Purchaser's Technical Requirements	Web3-compatible wallet (e.g. MetaMask); BNB for gas fees.
E.30 CASP Name	Not applicable (permission-less pools)
E.31 CASP Identifier	Not applicable
E.32 Placement Form	NTAV
E.33 Trading Platforms Name	Pancakeswap, QuickSwap, Uniswap (BNB Chain)

E.34 Trading Platforms MIC	CAKE, QSWA, UNI3P, BALP
E.35 Trading Platforms Access	Access via any EVM-compatible wallet to permissionless DEX interfaces on BNB Chain; gas is paid in BNB.
E.36 Involved Costs	No costs are charged to purchasers or users by the issuer in relation to the acquisition of DAVC. DAVC can be acquired solely via decentralized exchanges (DEX) at market-driven prices, subject only to network fees and DEX-specific swap fees.
E.37 Offer Expenses	Not applicable – No expenses have been incurred for a public offering, as no token sale is conducted. The issuer has not engaged in third-party marketing, underwriter services, or exchange listing fees. All deployment and compliance-related costs are privately funded by CoreTech Software Solutions LLC and are not passed on to token purchasers.
E.38 Conflicts of Interest	CoreTech Software Solutions LLC founders collectively hold 50 % of the total initial DAVC token supply. Consequently, any increase in the market value of DAVC directly benefits these founders, creating a significant potential conflict of interest.
E.39 Applicable Law	New Mexico (USA) – governing law for corporate, contractual and legal matters related to CoreTech Software Solutions LLC.
E.40 Competent Court	District Court of Bernalillo County, State of New Mexico, USA

F. Part F – Information about the crypto-assets

Field	Information
F.1 Crypto-Asset Type	Other crypto-asset (utility)
F.2 Crypto-Asset Functionality	DAVC is a fungible BEP-20 token on the BNB Smart Chain. It enables: – Protocol fee rebates or access benefits via staking, – Participation in an on-chain insurance module, – Governance voting on smart-contract parameters, – Discounted or prioritized access within CoreTech's decentralized applications. All functions are implemented through the DAVC smart contract according to standard blockchain protocols.
F.3 Planned Application of Functionalities	The issuer plans to expand the functionality of DavinCoin (DAVC) through the following measures: – Activation of the veDAVC governance mechanism, – Integration with scalable EVM-compatible infrastructure within the BNB ecosystem and other rollup environments, – Implementation of community-driven funding modules, – Launch of decentralized project-support tools for token-based funding and rewards, – Expansion of DAVC's role in future smart-contract powered utility modules, including contribution-based ecosystem participation.
F.4 Type of white paper	OTHR
F.5 Type of submission	NEWT

F.6 Crypto-Asset Characteristics	DavinCoin (symbol: DAVC) is a fungible BEP-20 utility token launched on 01 September 2025. It has a fixed maximum supply of 500 000 000 tokens, supports 18 decimal places, and is non-mintable and non-burnable after initial deployment.
F.7 Commercial/Trading Name	DavinCoin (DAVC)
F.8 Website of the issuer	https://davincoin.com
F.9 Starting date of admission to trading	Expected: 01 October 2025 (subject to successful deployment and liquidity pool activation).
F.10 Publication date	18 September 2025

F.11 Any other services provided by the issuer

CoreTech Software Solutions LLC provides the following services related to DavinCoin (DAVC):

- Development and deployment of the DavinCoin smart contract with modular functionality (staking, mining, insurance, oracle, governance).
- Registration and on-chain management for Insurance Providers, including embeddable HTML tags with React-based code to integrate provider dashboards and policy interfaces.
- Creation and minting of NFTs to record Insurance Provider profiles and individual insurance policies, with enforcement of treasury- and fee-balance rules.
- Real-time tracking of all smart-contract transactions, treasury balances and policy payouts, with automated settlement to user wallets.
- Ongoing developer support and UI integration guides for embedding CoreTech's modules into third-party platforms.
- Future migration path to a DAO governance model, enabling token-holder proposals and autonomous on-chain upgrades.

F.12 Language(s) of the white paper

English

F.13 Digital Token Identifier (DTI)

Not yet assigned. The issuer intends to apply for a DTI with the DTI Foundation once DAVC is admitted to trading on regulated EU/EEA DEX platforms.

F.14 Functionally Fungible Group DTI

Not applicable

F.15 Voluntary data flag

true

F.16 Personal data flag	false
F.17 LEI eligibility	false
F.18 Home Member State	United States (non-EU) – Host MS: Germany (BaFin)
F.19 Host Member States	All EU/EEA states in Annex 3
F.20 Additional Disclosure	No marketing communications under Article 8(2) MiCAR have been published in the EU/EEA.

G. Part G – Information on the rights and obligations attached to the crypto-assets

Field	Information
G.1 Purchaser Rights & Obligations	Holders of DavinCoin (DAVC) are granted the following on-chain rights and functionalities via the deployed smart contract: – Transfer of DAVC on the BNB Smart Chain (no protocol-level transfer tax), – Participation in the native staking module, receiving reward distributions funded from the issuer's allocated rewards pool, – Use of DAVC in integrated smart-contract-based modules such as insurance or task-reward functions. DAVC does not confer any equity, dividends, redemption rights, or off-chain claims. All utility and participation rights are exclusively defined and executed by the smart contract.
G.2 Exercise of Rights & Obligations	DAVC holders exercise their rights directly on-chain using EVM-compatible wallets such as MetaMask. Staking is performed via the staking contract and earns rewards funded from the issuer's pre-allocated rewards pool; no protocol-level transfer tax applies. In addition, platform participants may interact with DavinCoin smart contracts via Web3 interfaces for operations such as policy creation, treasury deposits, and claims handling. All contract logic is permissionless, decentralized, and directly executable through Web3 providers.

G.3 Conditions for Modifications

DAVC uses a BeaconProxy upgradeable smart contract system.

This architecture enables the issuer (currently the contract owner) to upgrade the logic of staking, mining, treasury handling, or module integration through beacon-controlled implementations.

– Upgrades are executed by the owner() address (CoreTech or its governance successor).

– No changes can retroactively affect already completed transfers or staking rewards.

– All upgrades are logged on-chain and are visible to users and explorers.

Changes to token rights require full compliance with proxy governance procedures; users are not forced to migrate.

G.4 Future Public Offers

Not applicable

G.5 Issuer Retained Crypto-Assets

CoreTech Software Solutions LLC holds the initially minted supply of 500,000,000 DAVC (fixed maximum supply). No additional supply can be minted; staking rewards are paid from a pre-allocated pool within this fixed supply.

G.6 Utility Token Classification

True

G.7 Key Features of Goods/Services

DAVC enables staking, mining, treasury locking, and fee-based insurance protection. Users can access services such as coverage, claims, and reward mechanisms via smart contract modules.

G.8 Utility Tokens Redemption

DAVC tokens can be used to access smart-contract-based services such as staking, insurance coverage, and treasury functions. These are executed directly via Web3 wallets on the BNB Smart Chain. No off-chain redemption (e.g., for physical goods) is offered.

G.9 Non-Trading Request

False

G.10 Purchase or Sale Modalities	DavinCoin (DAVC) is traded in a decentralized manner through permissionless liquidity pools on public DEX platforms (e.g., PancakeSwap on BNB Chain). Purchase and sale occur via automated market maker (AMM) mechanisms without intermediaries. Token holders must use EVM-compatible wallets and fund them with BNB for gas.
G.11 Transfer Restrictions	DAVC is freely transferable without restrictions at the protocol level. The smart contract does not impose whitelist, lock-up, or time-based constraints. However, user interfaces maintained by the issuer or third parties may restrict access from sanctioned jurisdictions (e.g. via frontend-level geo-blocking in accordance with OFAC).
G.12 Supply Adjustment Protocols	No
G.13 Supply Adjustment Mechanisms	The DAVC smart contract does not include any mechanisms to alter, increase or rebase the total token supply. The BeaconProxy upgrade structure technically allows contract logic to be updated, but the token cap is immutable. Any changes to tokenomics would require a full migration to a new contract.
G.14 Token Value Protection Schemes	No
G.15 Description of Protection Schemes	No
G.16 Compensation Schemes	No

G.17 Description of Compensation Schemes	No
G.18 Applicable Law	The applicable law for all legal relationships related to the issuer and its operations is New Mexico State Law, United States of America.
G.19 Competent Court	The competent court for legal disputes involving the issuer is the: District Court of Bernalillo County, State of New Mexico, United States of America**.** This shall apply unless otherwise mandated by mandatory EU consumer protection law.

H. Part H – Information on the underlying technology

Field	Information
H.1 Distributed Ledger Technology	DavinCoin (DAVC) operates on the BNB Smart Chain (BSC), a public, permissionless, EVM-compatible distributed ledger.
H.2 Protocols & Technical Standards	– BEP-20 fungible token standard – EIP-2612 Permit (gasless approvals) – OpenZeppelin BeaconProxy upgrade pattern – BNB Chain cross-chain bridge and general EVM interoperability – Role-based access control via on-chain mappings – Oracle integrations via Chainlink (planned) – Custom dashboard modules (GlobalOverview, Treasury, Insurance)
H.3 Technology Used	Developed in Solidity 0.8.x, deployed via Hardhat, verified with Foundry, and tested using OpenZeppelin contracts. Modular architecture with dedicated implementation contracts per module (mining, staking, insurance, etc.), deployed via UpgradeableBeacon + BeaconProxy. EIP-712 support for signature-based permit and off-chain interaction. Indexed using The Graph (planned). On-chain upgrade logic via updateModule().
H.4 Consensus Mechanism	BNB Chain uses a Proof-of-Staked-Authority (PoSA) consensus with fast block production and validator-based finality.
H.5 Incentive Mechanisms & Fees	– BNB Chain validators earn gas and staking rewards in BNB. – DEX swap fees apply on PancakeSwap according to pool configuration. – Insurance operations are funded from the protocol treasury, not external pools.

H.6 Use of DLT	All user interactions (staking, mining, insurance, treasury management) are executed fully on-chain, without custodians or off-chain balances. DAVC is permissionless, verifiable, and decentralized by smart contract design.
H.7 DLT Functionality Description	DAVC interacts with multiple smart contract modules, all upgradeable via a unified beacon pattern. Users interact via Web3 wallets and dApps, calling stake(), mine(), depositToTemporaryTreasury() and others. Temporary balance logic is encoded. Real-time dashboards aggregate user and platform metrics via GlobalOverviewModule.
H.8 Audit	No formal audit has yet been conducted. An external audit is planned prior to the next major upgrade.
H.9 Audit Outcome	Not applicable**.** As no formal audit has yet been conducted, no findings, risk classifications or remediations can be disclosed at this time. Users interact with the smart contract at their own risk and are advised to review the source code independently.

I. Part I – Information on risks

Field	Information
I.1 Offer-related	The admission of DavinCoin (DAVC) to trading on decentralized exchanges (DEX) involves risks related to market volatility, liquidity, and regulatory conditions. As DAVC is freely tradable on AMM-based DEX platforms, its price may be highly volatile due to speculative behavior, limited initial liquidity, or macroeconomic factors. Although DAVC will be accessible globally, future regulatory actions in specific jurisdictions (e.g., geo-blocking or DEX restrictions) may limit its availability. Delistings from major frontends, DeFi platform changes, or network events on the BNB Chain could impact DAVC's tradability or valuation.
I.2 Issuer-related	CoreTech Software Solutions LLC, as the issuer of DAVC, is a newly established private entity. As such, it does not benefit from a multi-entity governance structure or institutional backing. Although the contract includes decentralized staking and mining modules, upgrade control over the BeaconProxy system remains with the issuer. This introduces key-person and centralization risks. If the private key controlling contract upgrades or treasury administration is lost, misused, or compromised, the project could face critical delays or operational failure. While the issuer has implemented clear technical boundaries (e.g. fixed supply, role-based logic), there is currently no DAO-based governance. The future establishment of community-based voting (veDAVC) is planned but not yet live.

I.3 Crypto-asset

DAVC is a decentralized BEP-20 token with programmable on-chain logic for staking and treasury operations. Despite the absence of centralized custody, DAVC users face typical crypto-asset risks:

• **Market Risk**: Price volatility can lead to significant gains or losses.

• **Liquidity Risk**: As liquidity depends on user-supplied DEX pools, thin liquidity may amplify price swings or cause slippage.

• **Custodial Risk**: Loss of wallet access or private keys results in irreversible token loss; using centralized services introduces counterparty and hacking risks.

• **Smart Contract Risk**: Misconfigurations or insufficiently tested upgrades could introduce bugs.

• **Regulatory Risk**: Future EU or U.S. interpretations may impose additional restrictions, taxation, or reclassification.

• **Dependency Risk**: DAVC is tightly coupled with the BNB Chain network; outages, fee spikes, or chain reorganizations may affect usability.

I.4 Project implementation

The DAVC roadmap includes future rollouts of:

• veDAVC voting-escrow governance,

• Insurance and auto-funding modules,

• Community-driven funding mechanisms,

• Oracle integrations,

• Scalability via EVM-compatible rollup solutions and BNB ecosystem integrations.

Any delays or technical challenges in delivering these features may lead to reduced utility or adoption of DAVC. Users who rely on promised features may experience dissatisfaction if timelines shift. Upgrade mechanisms, while powerful, require strict discipline and auditing; incorrect deployments could disable core logic.

I.5 Technology

DAVC leverages the BNB Smart Chain and OpenZeppelin upgradeable patterns where applicable. While mature and widely used, this architecture has associated risks:

• **Upgrade Risk**: Unauthorized or buggy upgrades may impair staking or treasury logic.

• **Proxy Fragility**: Misconfigured proxies may point to incorrect implementations, breaking core functions.

• **Smart Contract Vulnerabilities**: Bugs in staking or auxiliary modules may lead to value loss or incorrect reward accounting.

• **Dependency on External Modules**: Integrations (e.g., oracles, dashboards) may themselves be faulty or misconfigured.

• **Gas Price Sensitivity**: BNB Chain network conditions may affect user experience or fee levels.

• **No Formal Audit**: At the time of publication, the DAVC smart contracts have not been audited by a third party.

I.6 Regulatory

To mitigate the risks described above, the issuer implements the following controls and strategies:

- **Modular Upgradeable Architecture**: Using OpenZeppelin BeaconProxy allows safe module upgrades without affecting user balances.
- **Role-Based Access Control**: Only authorized modules and roles may execute sensitive logic (e.g. minting, treasury spending).
- **Supply Cap Enforcement**: DAVC's smart contract strictly enforces a hard cap of 1 billion tokens.
- **Reward-Funded Staking Incentives:** Staking rewards are funded from a pre-allocated rewards pool; no protocol-level transfer tax applies.
- **Planned Governance Launch**: The issuer intends to launch veDAVC-based community voting to decentralize future upgrades.
- **Fallback Recovery Logic**: Temporary treasury balances, dashboarding, and pause functionality are in place to mitigate critical errors.
- **Open Source Transparency**: The smart contract is publicly verifiable, and future upgrades will be documented and announced transparently.

J. Part J – Sustainability indicators

Indicator	Value	Source
J.0 Sustainability Statement	Pursuant to Article 8 of Regulation (EU) 2023/1114 and Delegated Regulation (EU) 2025/422 (Annex I, Table 2), this section provides the required sustainability-related disclosures for DavinCoin (DAVC), classified as an “other crypto-asset”. **Sustainability Objective** At present, DavinCoin (DAVC) does not pursue specific environmental, social, or governance (ESG) objectives. DAVC is a utility token used to facilitate smart-contract operations in a decentralized insurance and staking ecosystem. **ESG Risks and Negative Impacts** The issuance and operation of DAVC do not, to the issuer’s knowledge, cause any material negative social or environmental impacts. However, the underlying blockchain infrastructure (BNB Chain) consumes energy and results in greenhouse-gas emissions. **Policy on Sustainability Risks** Sustainability risks are not formally integrated into the project’s risk assessment process at this time; the issuer may incorporate such considerations in future white paper updates. **Use of Proceeds** No fundraising activity is conducted, and therefore no proceeds are allocated toward sustainability-related goals.	

J. Part J – Sustainability indicators

Indicator	Value	Source
J.1 Mandatory PAI – energy per tx	Not available for BNB Smart Chain (to be updated when an authoritative source is published)	Public BNB Chain resources; issuer internal assessment
J.1 Mandatory PAI – GHG per tx	Not available for BNB Smart Chain (to be updated)	Public BNB Chain resources; issuer internal assessment
J.2 Supplementary – annual validator energy	Not available for BNB Smart Chain (to be updated)	Public BNB Chain resources; issuer internal assessment
Renewable share	Not publicly disclosed for BNB Smart Chain	Public BNB Chain resources
Offset policy	No protocol-level offset policy disclosed for BNB Smart Chain; the issuer does not claim carbon offsets for network operations	Public BNB Chain resources; issuer statement

Crypto-Asset Sustainability Indicators

	Indicator	Value	Source
S.1	Legal entity name	CoreTech Software Solutions LLC	
S.2	Relevant legal entity identifier (LEI)	984500CB106AEEE4B489	
S.3	Crypto-asset designation	DavinCoin (DAVC)	
S.4	Consensus mechanism	BNB Smart Chain (Proof-of-Staked-Authority, PoSA) – Source: public BNB Chain resources	
S.5	Incentive mechanisms and fees	Validator rewards from gas fees; **no token transfer fee**; staking rewards funded from a pre-allocated DAVC staking pool.	
S.6	Start of subscription period	2025-01-01	
S.7	End of subscription period	2025-12-31	
S.8	Energy consumption (kWh/year)	**96,579 kWh/year**; range **27,594–165,564 kWh/year**. Sources: BNB validator HW docs; CCRI PoS methodology.	
S.9	Sources and methods for energy consumption	BNB Chain docs (staking/validator/HW), CCRI PoS Benchmark 2023 (bottom-up), Ethereum.org referencing CCRI for PoS benchmarks.	

Crypto-Asset Sustainability Indicators

	Indicator	Value	Source
S.10	Share of renewable energy (%)	**100% (market-based) for issuer-operated AWS resources**; chain-wide mix varies by validator and is not centrally disclosed.	Source: Amazon renewable energy update.
S.11	Energy intensity (kWh/transaction)	**0.000033 kWh/tx (0.033 Wh/tx)**; range **0.000006–0.000113 kWh/tx** (based on S.8 and ~4–12M daily tx).	Sources: BscScan/YCharts.
S.12	Scope-1 emissions (t CO2e)	0.00	
S.13	Scope-2 emissions (t CO2e)	**43.0 t CO_2e/yr**; range **12.3–73.7 t** (S.8 × global grid intensity). Market-based for issuer-AWS: **0 t** (100% matching).	Source: IEA trend (global intensity).
S.14	THG-intensity (kg CO2e/Tx)	**1.5e-5 kg/tx (0.015 g/tx)**; range **0.0028–0.050 g/tx**.	
S.15	Sources energy	AWS renewable-energy matching; BNB validator docs.	
S.16	Sources emissions	CCRI PoS Benchmark 2023; Ethereum.org (CCRI reference); IEA electricity carbon intensity.	
S.17	Energy mix	Not publicly disclosed for BNB Chain – Source: public BNB Chain resources	

Crypto-Asset Sustainability Indicators

	Indicator	Value	Source
S.18		Targets for reducing energy consumption	No formal reduction targets have been set. The issuer prefers efficient EVM infrastructures within the BNB ecosystem and will review further optimisations over the next 12 months – Source: issuer statement
S.19		CO2 intensity (kg CO2e/kWh)	Not available – Source: not publicly disclosed for BNB Chain
S.20		Scope-3 emissions (t CO2e)	Not available – Source: issuer assessment (to be updated)
S.21		Emissions targets	No quantified GHG targets currently. No protocol-level offset claims are made; the issuer may revisit this policy in future updates – Source: issuer statement
S.22		Waste electrical and electronic equipment (t)	0.05
S.23		Share of non-recycled WEEE (%)	0.3
S.24		Hazardous waste (t)	0.01
S.25		Total waste (t)	0.05
S.26		Share of non-recycled waste (%)	0.02
S.27		Waste intensity (g/transaction)	0.001

Crypto-Asset Sustainability Indicators

Indicator	Value	Source
S.28	Targets for waste reduction	No measurable targets have been set. The issuer minimises footprint through cloud-based, energy-efficient systems and plans to reduce redundant data storage – Source: issuer statement
S.29	Impact of equipment on resources	Use of off-the-shelf hardware; low impact – Source: issuer statement
S.30	Targets for resource usage	No formal reduction plan adopted; issuer continuously evaluates migrating workloads to more resource-efficient EVM infrastructure – Source: issuer statement
S.31	Water consumption (m³)	15
S.32	Non-recycled water (%)	0.9
S.33	Sources for energy mix	Public BNB Chain resources; issuer assessment – Source: as stated
S.34	Sources for CO2	Public BNB Chain resources; issuer assessment – Source: as stated
S.35	Sources for waste	Issuer estimates derived from internal operations – Source: as stated

Crypto-Asset Sustainability Indicators

Indicator	Value	Source
S.36	Sources for resources	Issuer assessment; public BNB Chain documentation – Source: as stated

Annex 1 – Signature block

CoreTech Software Solutions LLC

By: 

Bahamin Barmar, Founder

06 September 2025

Annex 2 – Footnotes

- Regulation (EU) 2023/1114 – Markets in Crypto-Assets (MiCAR)**:** Legal framework governing the issuance and admission to trading of crypto-assets in the European Union.
- Commission Implementing Regulation (EU) 2024/2984: Specifies the content and format of crypto-asset white papers pursuant to Article 8 of MiCAR, including Table 2 for "other crypto-assets."
- ESMA template for Article 8(4) declarations and white papers, version March 2025.
- BNB Smart Chain (BSC) — Technical Documentation and Developer Guides
- PancakeSwap — Documentation (Automated Market Maker, pools, and routing on BNB Chain)
- DTI Foundation — Digital Token Identifier Standard (ISO 24165), info at: https://dtif.org
- OpenZeppelin Contracts — ERC-20, Ownable, ReentrancyGuard, and related libraries (v5.x)Open Source Libraries Used in DAVC:
    - EIP-2612 Permit logic
    - ReentrancyGuardUpgradeable
    - Initializable & OwnableUpgradeable

- ECDSAUpgradeable (OpenZeppelin)
- The Graph Indexer (planned)

Annex 3 – EU / EEA states list

This list refers to host Member States under field F.19 of the crypto-asset white paper.

EU Member States (27)

1. Austria
2. Belgium
3. Bulgaria
4. Croatia
5. Cyprus
6. Czech Republic
7. Denmark
8. Estonia
9. Finland
10. France
11. Germany
12. Greece
13. Hungary
14. Ireland
15. Italy
16. Latvia
17. Lithuania
18. Luxembourg
19. Malta
20. Netherlands
21. Poland
22. Portugal
23. Romania
24. Slovakia
25. Slovenia
26. Spain
27. Sweden

Additional EEA Member States (3)

28. Iceland
29. Liechtenstein
30. Norway