

MiCA White Paper

Alchemist AI

(ALCH)

Version 1.1
Nov 2025

White Paper in accordance with Markets in Crypto Assets Regulation (MiCAR)
for the European Economic Area (EEA).

Purpose: seeking admission to trading EEA.

Prepared and Filed by LCX.com

NOTE: THIS CRYPTO-ASSET WHITE PAPER HAS NOT BEEN APPROVED BY ANY COMPETENT AUTHORITY IN ANY MEMBER STATE OF THE EUROPEAN ECONOMIC AREA. THE PERSON SEEKING ADMISSION TO TRADING IS SOLELY RESPONSIBLE FOR THE CONTENT OF THIS CRYPTO-ASSET WHITE PAPER ACCORDING TO THE EUROPEAN ECONOMIC AREA'S MARKETS IN CRYPTO-ASSET REGULATION (MICA).

This white paper has been prepared in accordance with the requirements set forth in Commission Implementing Regulation (EU) 2024/2984, ensuring that all relevant reporting formats, content specifications, and machine-readable structures outlined in Annex I of this regulation have been fully mapped and implemented, particularly reflected through the Recitals, to enable proper notification under the Markets in Crypto-Assets Regulation (MiCAR).

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01 DATE OF NOTIFICATION

2025-11-17

COMPLIANCE STATEMENTS

02 This crypto-asset white paper has not been approved by any competent authority in any Member State of the European Economic Area. The offeror of the crypto-asset is solely responsible for the content of this crypto-asset white paper.

Where relevant in accordance with Article 6(3), second subparagraph of Regulation (EU) 2023/1114, reference shall be made to 'person seeking admission to trading' or to 'operator of the trading platform' instead of 'offeror'.

03 This crypto-asset white paper complies with Title II of Regulation (EU) 2023/1114 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 The crypto-asset referred to in this white paper may lose its value in part or in full, may not always be transferable and may not be liquid.

05 Not Applicable

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

SUMMARY

07 Warning

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 (36) or any other offer document pursuant to Union or national law.

08 Characteristics of the crypto-asset

Token Name and Symbol

Name: Alchemist AI

Symbol: ALCH

Purpose and Function

ALCH is used to access and pay for services on the Alchemist AI platform, such as:

- Running advanced generative AI models
- Using API-based AI agents for business automation
- Purchasing compute credits for AI workloads
- Gaining access to premium datasets and tools

The ALCH token is a digital asset on the Solana blockchain that serves as the native token of the Alchemist AI platform. ALCH can be used within the Alchemist ecosystem for in-app payments, consumption of services, and marketplace transactions.

ALCH has a maximum supply of 1,000,000,000 distributed as follows:

Liquidity Pool 85%

Treasury & Ecosystem 7%

Marketing 5%

Team 3%

ALCH tokens are freely transferable, in whole or in part, to third parties, and all associated usage rights and obligations follow the token upon transfer.

09 Not applicable

Key information about the offer to the public or admission to trading

Here are the key information about the Alchemist AI (ALCH):

<i>Total offer amount</i>	Not applicable
<i>Total number of tokens to be offered to the public</i>	Not Applicable
<i>Subscription period</i>	Not Applicable

<i>Minimum and maximum subscription amount</i>	Not Applicable
<i>Issue price</i>	Not Applicable
<i>Subscription fees (if any)</i>	Not Applicable
<i>Target holders of tokens</i>	Not Applicable
<i>Description of offer phases</i>	Not Applicable
<i>CASP responsible for placing the token (if any)</i>	Not Applicable
<i>Form of placement</i>	Not Applicable
<i>Admission to trading</i>	LCX AG, Herrengasse 6, 9490 Vaduz, Liechtenstein

A. PART A - INFORMATION ABOUT THE OFFEROR OR THE PERSON SEEKING ADMISSION TO TRADING

A.1 Name

LCX

A.2 Legal Form

AG

A.3 Registered Address

Herrengasse 6, 9490 Vaduz, Liechtenstein

A.4 Head Office

Herrengasse 6, 9490 Vaduz, Liechtenstein

A.5 Registration Date

24.04.2018

A.6 Legal Entity Identifier

529900SN07Z6RTX8R418

A.7 Another Identifier Required Pursuant to Applicable National Law

FL-0002.580.678-2

A.8 Contact Telephone Number

+423 235 40 15

A.9 E-mail Address

legal@lcx.com

A.10 Response Time (Days)

020

A.11 Parent Company

Not applicable

A.12 Members of the Management Body

Full Name	Business Address	Function
Monty C. M. Metzger	Herrengasse 6, 9490 Vaduz, Liechtenstein	President of the Board
Katarina Metzger	Herrengasse 6, 9490 Vaduz, Liechtenstein	Board Member
Anurag Verma	Herrengasse 6, 9490 Vaduz, Liechtenstein	Director of Technology

A.13 Business Activity

LCX provides various crypto-asset services under Liechtenstein's Token and Trusted Technology Service Provider Act ("Token- und Vertrauenswürdige Technologie-Dienstleister-Gesetz" in short "TGT") also known as the Blockchain Act. These include custody and administration of crypto-assets, offering secure storage for clients' assets and private keys. LCX operates a trading platform, facilitating the matching of buy and sell orders for crypto-assets. It enables both crypto-to-fiat and crypto-to-crypto exchanges, ensuring compliance with AML and KYC regulations. LCX also supports token placements, marketing crypto-assets on behalf of offerors.

Under MiCA, LCX is classified as a Crypto-Asset Service Provider (CASP). LCX is not yet formally supervised under MiCA until the license is granted by the competent authority.

Under the TTVG framework, LCX provides:

- TT Depositary – Custody and safekeeping of crypto-assets.
- TT Trading Platform Operator – Operation of a regulated crypto-asset exchange.
- TT Exchange Service Provider – Crypto-to-fiat and crypto-to-crypto exchange.
- Token Issuer – Marketing and distribution of tokens.
- TT Transfer Service Provider – Crypto-asset transfers between ledger addresses.
- Token Generator & Tokenization Service Provider – Creation and issuance of tokens.
- Physical Validator – Enforcement of token-based rights on TT systems.
- TT Verification & Identity Service Provider – Legal capacity verification and identity registration.
- TT Price Service Provider – Providing aggregated crypto-asset price information.

A.14 Parent Company Business Activity

Not applicable

A.15 Newly Established

false

A.16 Financial Condition for the past three Years

LCX AG has a strong capital base, with CHF 1 million (approx. 1,126,000 USD) in share capital (Stammkapital) and a solid equity position (Eigenkapital) in 2023. The company has experienced fluctuations in financial performance over the past three years, reflecting the dynamic nature of the crypto market. While LCX AG recorded a loss in 2022, primarily due to a market downturn and a security breach, it successfully covered the impact through reserves. The company has remained financially stable, achieving revenues and profits in 2021, 2023 and 2024 while maintaining break-even operations.

In 2023 and 2024, LCX AG strengthened its operational efficiency, expanded its business activities, and upheld a stable financial position. Looking ahead to 2025, the company anticipates positive financial development, supported by market uptrends, an inflow of customer funds, and strong business performance. Increased adoption of digital assets and service expansion are expected to drive higher revenues and profitability, further reinforcing LCX AG's financial position.

A.17 Financial Condition Since Registration

LCX AG has been financially stable since its registration, supported by CHF 1 million in share capital (Stammkapital) and continuous business growth. Since its inception, the company has expanded its operations, secured multiple regulatory registrations, and established itself as a key player in the crypto and blockchain industry.

While market conditions have fluctuated, LCX AG has maintained strong revenues and break-even operations. The company has consistently reinvested in its platform, technology, and regulatory compliance, ensuring long-term sustainability. The LCX Token has been a fundamental part of the ecosystem, with a market capitalization of approximately \$200 million USD and an all-time high exceeding \$500 million USD in 2022. Looking ahead, LCX AG anticipates continued financial growth, driven by market uptrends, increased adoption of digital assets, and expanding business activities.

B. PART B - INFORMATION ABOUT THE ISSUER, IF DIFFERENT FROM THE OFFEROR OR PERSON SEEKING ADMISSION TO TRADING

B.1 Issuer different from offeror or person seeking admission to trading

True

B.2 Name

Unknown

B.3 Legal Form

Not available

B.4 Registered Address

Not available

B.5 Head Office

Not available

B.6 Registration Date

Not available

B.7 Legal Entity Identifier

Not available

B.8 Another Identifier Required Pursuant to Applicable National Law

Not available

B.9 Parent Company

Not available

B.10 Members of the Management Body

Not available

B.11 Business Activity

Not available

B.12 Parent Company Business Activity

Not available

C. PART C - INFORMATION ABOUT THE OPERATOR OF THE TRADING PLATFORM IN CASES WHERE IT DRAWS UP THE CRYPTO-ASSET WHITE PAPER AND INFORMATION ABOUT OTHER PERSONS DRAWING THE CRYPTO-ASSET WHITE PAPER PURSUANT TO ARTICLE 6(1), SECOND SUBPARAGRAPH, OF REGULATION (EU) 2023/1114

C.1 Name

LCX AG

C.2 Legal Form

AG

C.3 Registered Address

Herrengasse 6, 9490 Vaduz, Liechtenstein

C.4 Head Office

Herrengasse 6, 9490 Vaduz, Liechtenstein

C.5 Registration Date

24.04.2018

C.6 Legal Entity Identifier

529900SN07Z6RTX8R418

C.7 Another Identifier Required Pursuant to Applicable National Law

FL-0002.580.678-2

C.8 Parent Company

Not Applicable

C.9 Reason for Crypto-Asset White Paper Preparation

LCX is preparing this MiCA-compliant whitepaper for ALCH to enhance transparency, regulatory clarity, and investor confidence. While ALCH has classification as "Other Crypto Asset," LCX is providing this document to support its role as a Crypto-Asset Service Provider (CASP) and ensure compliance with MiCA regulations in facilitating ALCH trading on its platform.

C.10 Members of the Management Body

Full Name	Business Address	Function
Monty C. M. Metzger	Herrengasse 6, 9490 Vaduz, Liechtenstein	President of the Board
Katarina Metzger	Herrengasse 6, 9490 Vaduz, Liechtenstein	Board Member
Anurag Verma	Herrengasse 6, 9490 Vaduz, Liechtenstein	Director of Technology

C.11 Operator Business Activity

LCX provides various crypto-asset services under Liechtenstein's Token and Trusted Technology Service Provider Act ("Token- und Vertrauenswürdige Technologie-Dienstleister-Gesetz" in short "TvtG") also known as the Blockchain Act. These include custody and administration of crypto-assets, offering secure storage for clients' assets and private keys. LCX operates a trading platform, facilitating the matching of buy and sell orders for crypto-assets. It enables both crypto-to-fiat and crypto-to-crypto exchanges, ensuring compliance with AML and KYC regulations. LCX also supports token placements, marketing crypto-assets on behalf of offerors.

Under MiCA, LCX is classified as a Crypto-Asset Service Provider (CASP)..

Under the TVTG framework, LCX provides:

- TT Depositary – Custody and safekeeping of crypto-assets.
- TT Trading Platform Operator – Operation of a regulated crypto-asset exchange.
- TT Exchange Service Provider – Crypto-to-fiat and crypto-to-crypto exchange.
- Token Issuer – Marketing and distribution of tokens.
- TT Transfer Service Provider – Crypto-asset transfers between ledger addresses.
- Token Generator & Tokenization Service Provider – Creation and issuance of tokens.
- Physical Validator – Enforcement of token-based rights on TT systems.
- TT Verification & Identity Service Provider – Legal capacity verification and identity registration.
- TT Price Service Provider – Providing aggregated crypto-asset price information.

C.12 Parent Company Business Activity

Not Applicable

C.13 Other persons drawing up the white paper under Article 6 (1) second subparagraph MiCA

Not Applicable

C.14 Reason for drawing up the white paper under Article 6 (1) second subparagraph MiCA

Not Applicable

D. PART D - INFORMATION ABOUT THE CRYPTO-ASSET PROJECT

D.1 **Crypto-Asset Project Name**

Alchemist AI

D.2 **Crypto-Assets Name**

ALCH

D.3 **Abbreviation**

ALCH

D.4 **Crypto-Asset Project Description**

The Alchemist AI Project aims to build a decentralized artificial intelligence ecosystem, enabling developers, data scientists, and enterprises to access, train, and deploy AI models through a permissionless marketplace. The platform integrates smart contract automation and token-based governance to enhance accessibility, transparency, and scalability of AI solutions.

Core components:

AI Model Marketplace: Users can offer or subscribe to AI models, datasets, or processing tools.

Compute Resource Layer: Token incentives for GPU providers who lease compute power.

DAO Governance: ALCH holders can vote on model listings, protocol upgrades, and fee distribution policies.

D.5 **Details of all persons involved in the implementation of the crypto-asset project**

People involved in Alchemist AI Project's implementation have either concealed their identities or used pseudonyms names.

D.6 **Utility Token Classification**

False

D.7 **Key Features of Goods/Services for Utility Token Projects**

Not Applicable

D.8 **Plans for the Token**

Launched in late 2024, Alchemist AI's platform and ALCH token revolutionise the AI-driven application builder and integrated marketplace. Notable early achievements include the deployment of the Alchemist AI "Sacred Laboratory" – a no-code development environment – and the "Arcane Forge" marketplace, where creators can monetise their applications using ALCH.

D.9 **Resource Allocation**

70,000,000 ALCH (7%) was set aside for the treasury and ecosystem and 50,000,000 ALCH or 5% was earmarked for marketing.

D.10 **Planned Use of Collected Funds or Crypto-Assets**

For information on the planned use of collected crypto-assets, please visit the project team's official website.

E. PART E - INFORMATION ABOUT THE OFFER TO THE PUBLIC OF CRYPTO-ASSETS OR THEIR ADMISSION TO TRADING

E.1 Public Offering or Admission to Trading

ATTR

E.2 Reasons for Public Offer or Admission to Trading

LCX is filing a MiCA-compliant whitepaper for ALCH to enhance transparency, regulatory clarity, and investor confidence. While ALCH is classified as “Other Crypto-Assets” under MiCA, this initiative supports compliance readiness and aligns with MiCA’s high disclosure standards. By doing so, LCX strengthens its position as a regulated exchange, ensuring a trustworthy and transparent trading environment for ALCH within the EU’s evolving regulatory framework. Additionally, this filing facilitates market access and institutional adoption by removing uncertainty for institutional investors and regulated entities seeking to engage with ALCH in a compliant manner. It further supports the broader market adoption and integration of ALCH into the regulated financial ecosystem, reinforcing LCX’s role in shaping compliant and transparent crypto markets.

E.3 Fundraising Target

Not applicable

E.4 Minimum Subscription Goals

Not applicable

E.5 Maximum Subscription Goal

Not applicable

E.6 Oversubscription Acceptance

Not applicable

E.7 Oversubscription Allocation

Not applicable

E.8 Issue Price

Not applicable

E.9 Official Currency or Any Other Crypto-Assets Determining the Issue Price

Not applicable

E.10 Subscription Fee

Not applicable

E.11 Offer Price Determination Method

Not applicable

E.12 Total Number of Offered/Traded Crypto-Assets

1,000,000,000 maximum supply

E.13 Targeted Holders

ALL

E.14 Holder Restrictions

Not applicable

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
	Not applicable
E.21	Subscription Period Beginning
	Not applicable
E.22	Subscription Period End
	Not applicable
E.23	Safeguarding Arrangements for Offered Funds/Crypto-Assets
	Not applicable
E.24	Payment Methods for Crypto-Asset Purchase
	Not applicable
E.25	Value Transfer Methods for Reimbursement
	Not applicable
E.26	Right of Withdrawal
	Not applicable
E.27	Transfer of Purchased Crypto-Assets
	Not applicable
E.28	Transfer Time Schedule
	Not applicable
E.29	Purchaser's Technical Requirements
	Not applicable
E.30	Crypto-asset service provider (CASP) name
	Not applicable
E.31	CASP identifier
	Not applicable
E.32	Placement Form
	NTAV
E.33	Trading Platforms name
	LCX AG
E.34	Trading Platforms Market Identifier Code (MIC)
	LCXE

E.35 Trading Platforms Access

ALCH is widely traded on multiple regulated and unregulated trading platforms globally. ALCH is not restricted to a single exchange and can be accessed by retail and institutional investors worldwide.

LCX Exchange also provides access to ALCH trading with the ALCH/EUR pair. Investors can access ALCH through LCX.com, the official LCX exchange, as well as other supported cryptocurrency trading platforms. To trade ALCH, users must register, complete KYC (Know Your Customer) verification, and comply with platform-specific requirements.

E.36 Involved Costs

Not applicable

E.37 Offer Expenses

Not applicable

E.38 Conflicts of Interest

Not Applicable

E.39 Applicable Law

For admission to trading of ALCH on LCX, the applicable law is Liechtenstein law, applied in accordance with MiCA and EU regulations. For decentralized, on-chain use of ALCH outside LCX, applicable law depends on the user's jurisdiction.

E.40 Competent Court

Any disputes related to services provided by LCX fall under the jurisdiction of the Courts of Liechtenstein. For independent on-chain activities with ALCH, no centralized legal recourse exists.

F. PART F - INFORMATION ABOUT THE CRYPTO-ASSETS

F.1 Crypto-Asset Type

Other Crypto-Asset

F.2 Crypto-Asset Functionality

ALCH tokens facilitate purchasing digital goods and services, including user-developed applications and assets, within the platform's marketplace. They can also incentivize content creators.

F.3 Planned Application of Functionalities

For information on the planned application and functionalities, please visit the project team's official website.

F.4 Type of white paper

OTHR

F.5 The type of submission

NEWT

F.6 Crypto-Asset Characteristics

Type: Other Crypto Asset

Blockchain: Solana

Transferability: Fully transferable between compatible wallets

Supply: Fixed maximum supply 1,000,000,000 with no further minting.

Non-Financial: Does not confer ownership, voting rights in corporate governance, or profit-sharing entitlements

F.7 Commercial name or trading name

ALCH

F.8 Website of the issuer

<https://www.alchemistai.app/>

F.9 Starting date of offer to the public or admission to trading

2025-12-17

F.10 Publication date

2025-12-17

F.11 Any other services provided by the issuer

Not applicable

F.12 Language or languages of the white paper

English

F.13 Digital Token Identifier Code used to uniquely identify the crypto-asset or each of the several crypto assets to which the white paper relates, where available

Not Applicable

F.14 Functionally Fungible Group Digital Token Identifier, where available

Not Applicable

F.15 Voluntary data flag

true

F.16 Personal data flag

false

F.17 LEI eligibility

false

F.18 Home Member State

Liechtenstein

F.19 Host Member States

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.

G. PART G - INFORMATION ON THE RIGHTS AND OBLIGATIONS ATTACHED TO THE CRYPTO-ASSETS

G.1 Purchaser Rights and Obligations

Right to Use and Exchange:

Holders of ALCH can use their tokens within the Alchemist AI platform to access and exchange value for services or digital goods (e.g., purchasing applications on the marketplace or tipping creators).

Transferability and Trading:

Holders have the ability to transfer their ALCH tokens to others (on-chain) or to trade them on available markets at will.

Obligations of Holders:

There are no mandatory obligations imposed on ALCH purchasers.

G.2 Exercise of Rights and Obligation

On-Platform Usage:

ALCH token holders can utilize the token to access features and services on the Alchemist AI platform, such as purchasing items from the Alchemist AI marketplace. This requires using the token through the Alchemist AI application or other compatible interfaces. Users will need a Solana wallet containing ALCH and will interact with the platform's smart contracts.

Transfers and Trading:

The ALCH token can be transferred or traded via standard blockchain transactions.

G.3 Conditions for Modifications of Rights and Obligations

The issuer reserves the right to modify token rights or obligations under the following conditions:

Regulatory Compliance: Changes required by law or MiCA regulations.

Platform Updates: Adjustments due to technical or functional upgrades.

User Notification: Material changes will be communicated in advance via official channels.

User Agreement: Continued use of the platform or tokens implies acceptance of updated terms.

G.4 Future Public Offers

Not applicable

G.5 Issuer Retained Crypto-Assets

Not applicable

G.6 Utility Token Classification

False

G.7 Key Features of Goods/Services of Utility Tokens

Not Applicable

G.8 Utility Tokens Redemption

Not applicable

G.9 Non-Trading Request

True

G.10 Crypto-Assets Purchase or Sale Modalities

Not applicable

G.11 Crypto-Assets Transfer Restrictions

Not applicable

G.12 Supply Adjustment Protocols

Not Applicable

G.13 Supply Adjustment Mechanisms

Not Applicable

G.14 Token Value Protection Schemes

False

G.15 Token Value Protection Schemes Description

Not Applicable

G.16 Compensation Schemes

False

G.17 Compensation Schemes Description

Not Applicable

G.18 Applicable Law

For admission to trading of ALCH on LCX, the applicable law is Liechtenstein law, applied in accordance with MiCA and EU regulations. For decentralized, on-chain use of ALCH outside LCX, applicable law depends on the user's jurisdiction.

G.19 Competent Court

Any disputes related to services provided by LCX fall under the jurisdiction of the Courts of Liechtenstein. For independent on-chain activities with ALCH, no centralized legal recourse exists.

H. PART H – INFORMATION ON THE UNDERLYING TECHNOLOGY

H.1 Distributed ledger technology

ALCH token is issued on the Solana blockchain, a high-performance, decentralized ledger designed for speed, scalability, and low transaction costs. Solana enables fast confirmation times and supports smart contract functionality through its on-chain programs.

H.2 Protocols and Technical Standards

ALCH follows Solana's token standard, which governs fungible tokens on the network. It is built using Rust-based smart contracts (Solana programs) and integrates seamlessly with Solana-compatible wallets such as Phantom and Solflare, ensuring security, interoperability, and efficient resource use.

H.3 Technology Used

Blockchain Platform: ALCH is built on the Solana blockchain, a high-performance public chain known for fast transaction speeds and low costs.

Token Standard: It adheres to Solana's SPL token standard, ensuring compatibility with wallets, exchanges, and decentralized applications.

Consensus Model: Solana uses a hybrid model combining Proof-of-Stake (PoS) with Proof-of-History (PoH) (specifically, Tower BFT), delivering sub-second confirmations and high throughput.

Platform Use Case: ALCH functions as the native payment token of a no-code AI development platform, enabling users to generate apps/games from text prompts, access premium AI features, and engage in a marketplace for creators.

H.4 Consensus Mechanism

The ALCH token is issued on the Solana blockchain, which provides high network security, energy efficiency, and scalability through validators who propose and confirm transactions.

H.5 Incentive Mechanisms and Applicable Fees

Incentive Mechanisms

1. Validators

Staking Rewards: Earn SOL for producing and validating blocks. More staked SOL = higher chance of selection.

Transaction Fees: Receive a portion of fees from transactions included in their blocks.

2. Delegators

Delegated Staking: Token holders can delegate SOL to validators. In return, they share validator rewards, promoting decentralization and network security.

3. Economic Security

Slashing: Malicious or negligent validators (e.g., producing invalid blocks, frequent downtime) lose part of their staked SOL.

Opportunity Cost: Locked tokens could otherwise be used or sold, incentivizing honest behavior to maximize rewards and avoid penalties.

Fees on the Solana Blockchain

1. Transaction Fees:

Low & Predictable: High throughput keeps fees minimal compared to networks like Ethereum.

Fee Structure: Paid in SOL, compensating validators for computation and bandwidth.

2. Rent Fees (State Storage):

Applied to on-chain data storage.

Encourages efficient use of blockchain state and cleanup of unused data.

3. Smart Contract Fees:

Execution Costs: Based on computational resources consumed when deploying or interacting with contracts.

Ensures fair cost distribution proportional to resource use.

H.6 Use of Distributed Ledger Technology

True

H.7 DLT Functionality Description

Implementation Details: ALCH leverages the existing infrastructure of the Solana blockchain and its consensus mechanisms—namely PoH and PoS—for validating and recording transactions.

This suggests that aside from deploying as an SPL token on Solana, there is no unique or novel DLT functionality implemented specifically for ALCH—it primarily relies on Solana's standard capabilities.

H.8 Audit

False

H.9 Audit Outcome

Not Applicable

I. PART I – INFORMATION ON RISKS

I.1 Offer-Related Risks

Market Volatility: The value of ALCH may fluctuate significantly after launch.

Insufficient Demand: The offering may not attract the expected user base or funding.

Limited Liquidity: There is no guarantee of active secondary markets for trading ALCH.

I.2 Issuer-Related Risks

Operational Risk: The issuing entity may face financial, legal, or management issues.

Regulatory Risk: Future regulatory changes could impact the issuer's ability to operate.

Dependence on Key Personnel: Loss of core team members may affect the project's progress.

I.3 Crypto-Assets-Related Risks

Price Volatility: Crypto-assets in general are subject to high price fluctuations.

Cybersecurity Threats: Wallets, exchanges, or smart contracts may be vulnerable to attacks.

Lack of Legal Recourse: Users may have limited remedies in the event of token loss or theft.

I.4 Project Implementation-Related Risks

Delays: Project features or milestones may be postponed or fail to launch.

Resource Constraints: Funding shortfalls or technical challenges may affect delivery.

Integration Failure: Planned partnerships or features may not materialize as expected.

I.5 Technology-Related Risks

Smart Contract Bugs: Undiscovered flaws in deployed contracts could cause failures.

Blockchain Dependencies: Reliance on the underlying blockchain (e.g., Solana or other) may introduce external risks like congestion or forks.

System Downtime: Platform outages or infrastructure failure could disrupt service.

I.6 Mitigation Measures

Vesting and Reserves: Controlled token releases reduce the risk of market shocks.

Regulatory Alignment: The project is designed to comply with MiCA and EU laws.

Transparency: Regular updates and on-chain data provide user visibility and trust.

Contingency Planning: A reserve fund and legal structure are in place to handle operational risks.

J. PART J – INFORMATION ON THE SUSTAINABILITY INDICATORS IN RELATION TO ADVERSE IMPACT ON THE CLIMATE AND OTHER ENVIRONMENT-RELATED ADVERSE IMPACTS

Adverse impacts on climate and other environment-related adverse impacts.

J.1 Information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

The ALCH token operates on a user-friendly, scalable blockchain infrastructure, optimized for accessibility and low-cost transactions. The platform's low environmental impact and commitment to sustainable operations align with MiCA's standards for distributed ledger technologies. The network's annual energy consumption is 332.42002 kWh/a.

General information	
S.1 Name <i>Name reported in field A.1</i>	LCX
S.2 Relevant legal entity identifier Identifier referred to in field A.2	529900SN07Z6RTX8R418
S.3 Name of the crypto-asset Name of the crypto-asset, as reported in field D.2	Alchemist AI
S.4 Consensus Mechanism The consensus mechanism, as reported in field H.4	Combination of Proof of History and Stakes
S.5 Incentive Mechanisms and Applicable Fees Incentive mechanisms to secure transactions and any fees applicable, as reported in field H.5	Solana combines PoH and PoS to secure its network, rewarding validators and delegators while enforcing penalties and low fees to ensure efficiency, decentralization, and responsible network participation.
S.6 Beginning of the period to which the disclosure relates	2024-05-18
S.7 End of the period to which the disclosure relates	2024-05-18
Mandatory key indicator on energy consumption	
S.8 Energy consumption Total amount of energy used for the validation of transactions and the maintenance of the integrity of the distributed ledger of transactions, expressed per calendar year	332.42002 kWh per year
Sources and methodologies	
S.9 Energy consumption sources and Methodologies Sources and methodologies used in relation to the information reported in field S.8	The energy consumption of the ALCH token is calculated using a bottom-up approach, focusing on node activity. Public data, open-source tools, and certified lab tests inform estimates. Network-level energy use is attributed to the token based on its gas usage, using FFG DTI data to identify asset implementations.

J.2 Supplementary information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

Not Applicable