



LIBRUM

NEXT GENERATION
BLOCKCHAIN TECHNOLOGY

MATRIXCHANGE
DLAB INNOVATIONS

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The financial services industry is waking up to the transformative potential of distributed ledger technology; it is estimated that USD 1.7 billion per annum is currently spent on DLT in financial services globally.

The World Economic Forum estimates that up to 10% of global GDP will be stored and transacted via DLT by 2025 – tokenized markets could potentially be worth as much as USD 34 Billion by 2028. For DLT's potential to be fully realized, financial market participants and infrastructure providers need to collaborate to galvanize change.”

HOLGER KUHLMANN

CEO MATRIX CHANGE

HIGHLY INNOVATIVE TECHNOLOGIES

Librum is a blockchain platform designed for corporate applications that is extremely scalable. Librum focuses on domain applications such as Cloud Computing, IoT, Banking, Finance, and Health.

Librum is a platform for implementing and deploying massively scalable corporate applications using a microservices-based design, as well as a blockchain network.



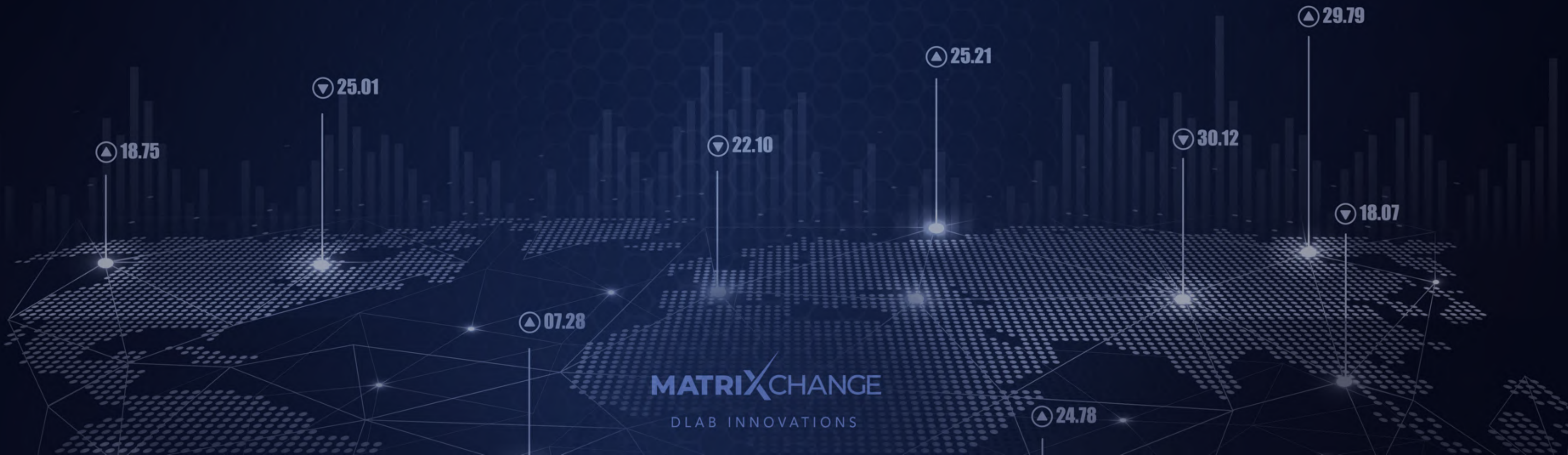
CONCURRENT SMART CONTRACTS

Aplos, a contemporaneous smart contract platform built on actors, is supported by Librumchain. All blockchain-based software applications, as well as the transactions that transit between them, are created using Akka actors, which are built on the Scala practical programming language.

Aplos is a Smarter Actor platform because it uses actor-based concurrency management to facilitate multiple transaction processing on the blockchain.

SHARDING

The consensus on the Librum blockchain is built on sharding. The blockchain's consensus management can be outsourced to sub-groups (shards) that function autonomously. For localized shard consensus, Librumchain employs Apache-Kafka, and for international agreement, Raft.



TOKENIZATION

The Librum Token is a settlement mechanism developed for apps and applications, creating a novel ecosystem in which real-world application scenarios can be mapped. The associated smart contract, which is being developed on the Librum blockchain, is considered to be trend-setting and of great importance for the tokenization of assets.

Thanks to the quick processing, the smart contract solution and the low transaction fees,

Librumchain stands out from other blockchain architectures.

MACHINE LEARNING

Librum-ML, a federated-learning-based machine learning platform, is included with the blockchain. With federated learning, data from several blockchain peers may be examined and machine learning models constructed while maintaining anonymity. Pytorch, Pysyft, and TensorFlow-federated machine learning integrations are all supported by Librum-ML.

CUTTING EDGE ARCHITECTURE

Most of the existing blockchain systems are built as monolithic systems. A single program / service on the blockchain manages all functions of the blockchain. This includes handling the consensus, maintaining the decentralized ledger, transferring transactions, checking for duplicate spend, etc. We believe this is not an ideal design for a distributed system environment. With a monolithic systems approach, you have to do everything in a single programming language.

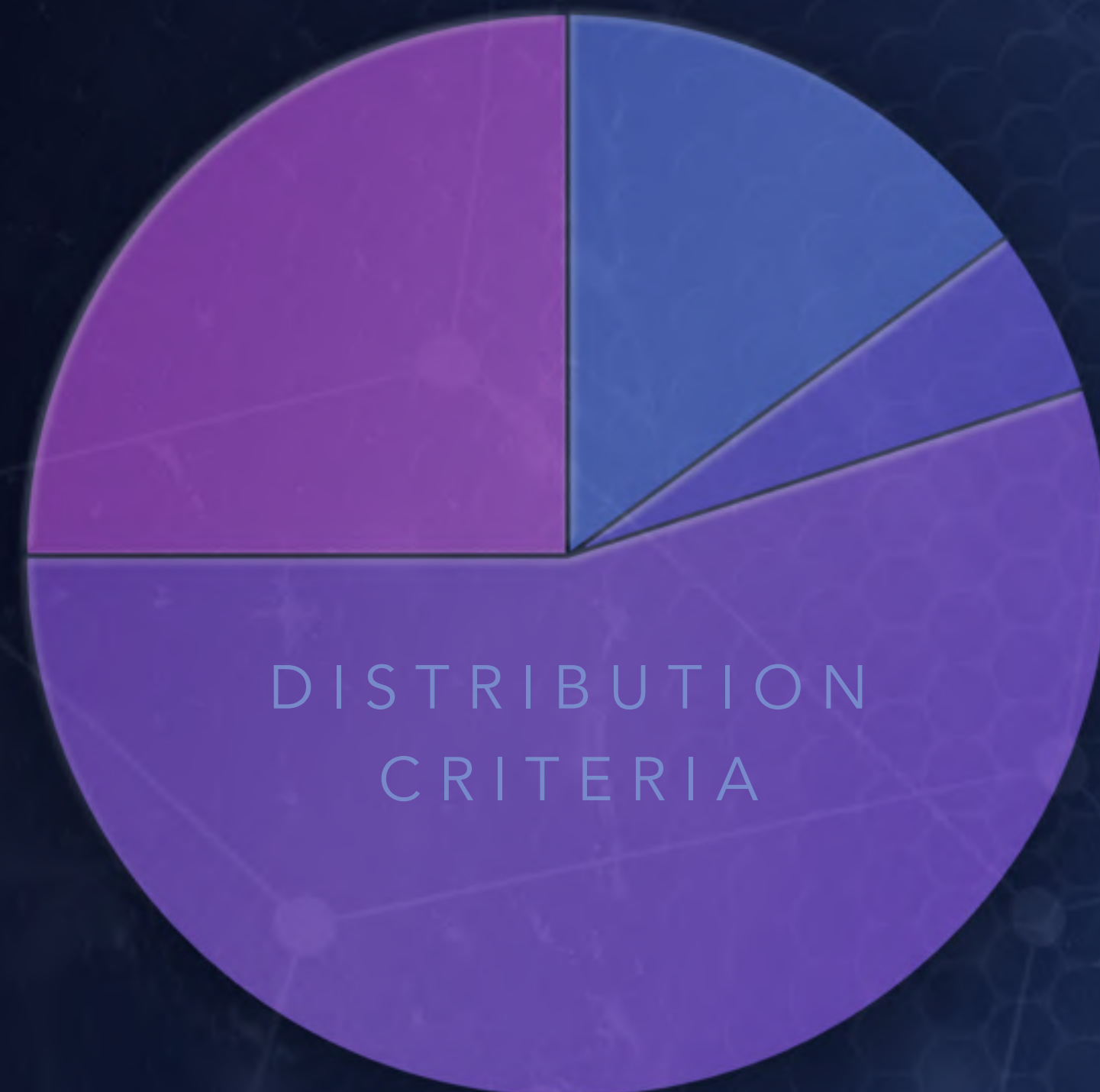
As the code base grows, it becomes unwieldy. Since there is only a single service available, it is not possible to scale it. We are therefore developing Librum with a microservice architecture that solves all of the above-mentioned problems. In the Librumchain, all functionalities are implemented as small services (microservices). All of these services are dockerized and are available for deployment with Kubernetes.

NFT SUPPORT AT HIGHEST LEVEL

Each NFT token is unique and represents a different asset. Unlike the cryptocurrency Bitcoin, which is more commonly referred to as a "store of value," NFT's can be used as non-fungible tokens and serve to authenticate ownership. Artwork, recordings, entrepreneurial concepts, virtual real estate, digital art, physical assets such as valuable sneakers or luxury goods - the Librum blockchain makes tokenization possible. The technology creates tamper-proof NFT's according to ERC-20 and ERC-721 standards. The metadata and digital tokens are stored on secure storage such as IPFS or off chain storage and a tamper-proof file is created for each NFT.

INTEROPERABILITY

In an interoperable system, formerly disparate blockchain networks and assets can be easily connected and combined. This network interoperability can enable the creation of powerful new products and services that take advantage of multiple blockchain networks simultaneously. Librumchain can dock directly to EVM-compatible networks such as Binance Smart Chain, Avalanche, and more.



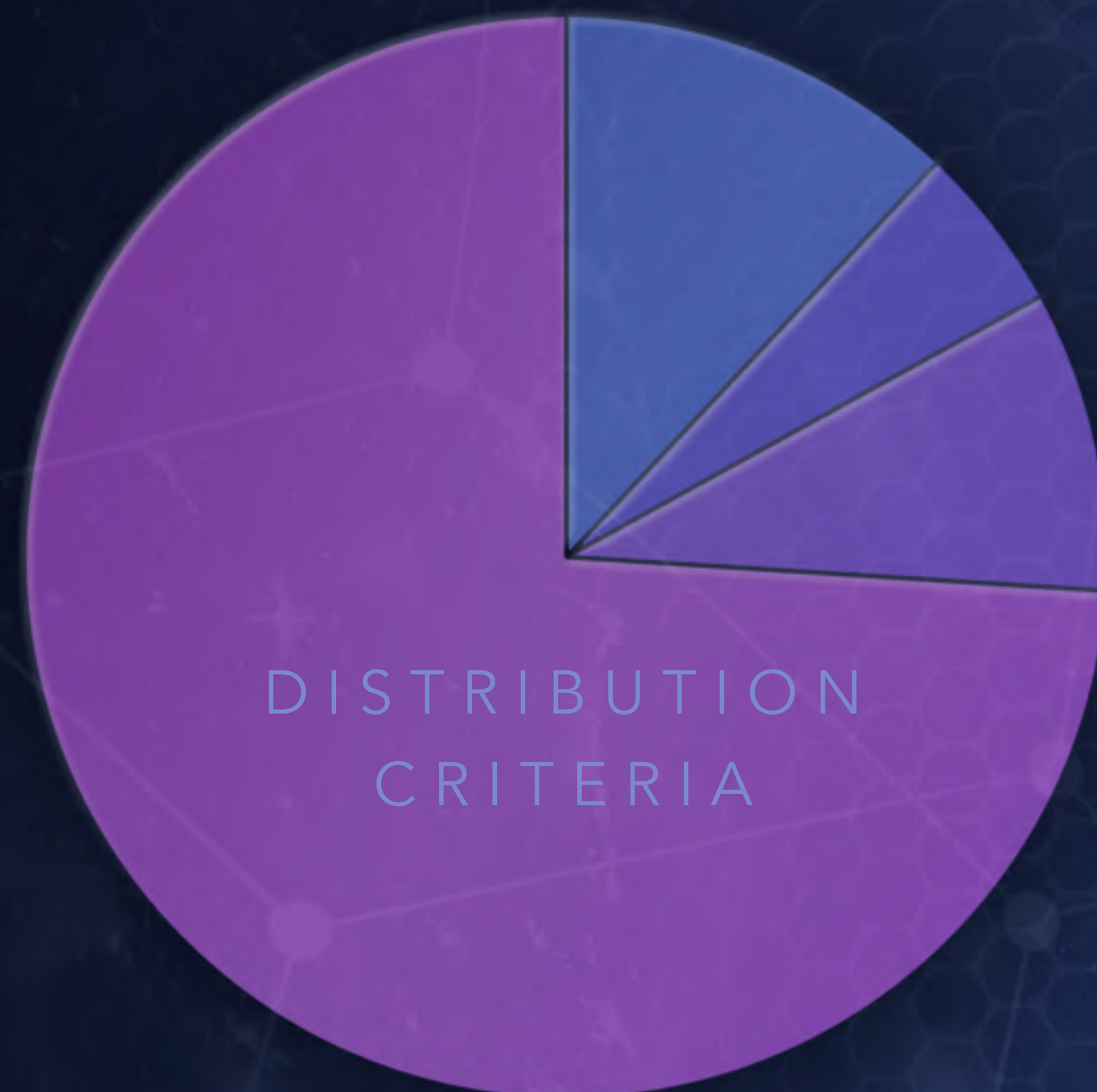
USE OF FUNDS / PRESALE PHASE

Token name: Librum

Token Supply Pre-sale: 150 Million Coins

Token Symbol: LCNC

-  15% Team, Experts
-  5% Charity
-  55% Marketing & Development
-  25% Reserved



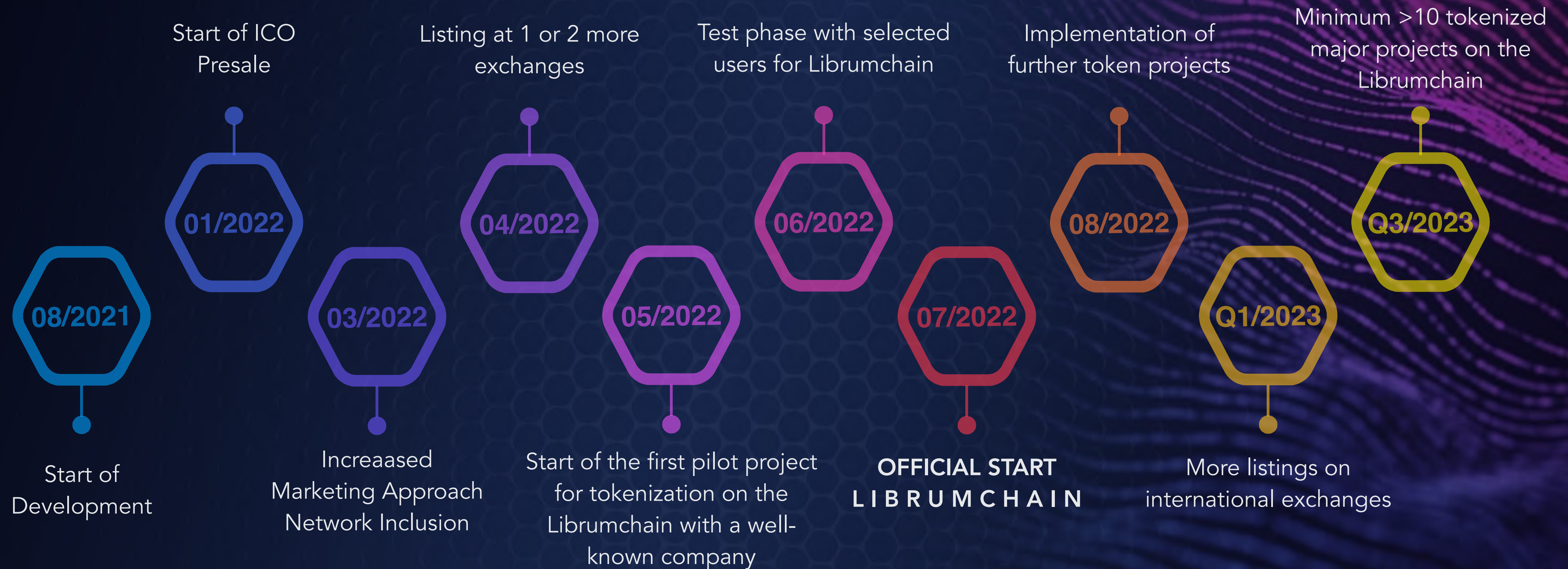
TOKENOMICS

Token Name: Librum

Token Supply: 35 Billion Coins

Token Symbol: LCNC

-  12% System & Development
-  5% Marketing & Community
-  9% Experts & Consultants
-  74% Circulating Supply





LIBRUM

LibrumChain is a Trademark of Librumlabs Limited

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