Galileo Protocol introduces
NFTs for Physical Assets
as a Web 3.0 tokenisation service

Galileo Network LLC is a regulated fintech company. The company's flagship application is known as "Galileo Protocol". This protocol allows the creation of "pNFTs" (physical NFTs) to encrypt, store, and transfer data securely. These pNFTs are non-fungible tokens representing physical, authenticated assets issued on multiple chains (e.g., Ethereum, Polygon, Binance Smart Chain, and XDC Network).

Created By Galileo Network

Galileo App is a new web3 marketplace protocol
designed for safely and efficiently trading PNFTs.

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Galileo Protocol is a peer-to-peer community platform allowing brands, owners, and customers to discover, browse, purchase, and create NFTs tied to physical assets.

Pierre Beunardeau - CEO

Galileo App is a new web3 marketplace protocol designed for safely and efficiently trading PNFTs.

- Open-source Marketplace
- Cheaper and Faster transactions
- pNFTs Minting & Transferring
- A large variety of pNFT collectables
- Redemption and Escrow System
- Fiat & Crypto payment options
- Defi Lending Protocol

Galileo Protocol
Introduction

The primary advantage of creating NFTs of physical assets is that they can be used to demonstrate the authenticity and ownership of the underlying assets. In a world where the counterfeiting business is valued at more than $500 billion, certified and authenticated assets are much desired. Galileo's pNFTs provide a valuable tool for buyers and sellers to establish that authenticity.

The pNFT holder is registered as the legal owner of the physical asset on the blockchain, and they are the only party allowed to transfer or sell it on (traditional) markets.

With Galileo Protocol, most people can convert real-world assets into NFTs. These NFTs are purchased with fiat currency or cryptocurrencies (such as $USDC).

Who are the **Founders ?**

Pierre Beunardeau
Founder, CEO

After a career in marketing and direct sales in institutional companies, Pierre became a healthcare professional in pediatric physiotherapy. At the same time, he has developed multiple businesses in his core interests: IT, digital marketing, and web 3.0.

Nathaniel Debache
Founder, CFO

Having graduated with a master's degree in finance, Nathaniel is passionate about cryptocurrencies, blockchain, finance, and web 3.0. As a front-end developer, he bootstrapped several web development businesses.

Galileo Protocol
Strategic Positioning

Physical Asset Tokenisation

Tokenisation is a means to secure assets by leveraging blockchain technology. The primary benefits of tokenisation are increased liquidity, faster settlement, reduced costs, and simplified risk management.

Smart Contracts

A smart contract is a computer program or transaction protocol designed to execute automatically, control, and record legally significant events and activities following the requirements of a contract or agreement.

Web 3.0 Marketplace

Web 3.0 is a collection of technologies enabling the development of decentralised web services that leverage emerging technologies, including blockchain, to give users complete control over their data while offering increased security and privacy.

Bridge between Fiat and Crypto

Anyone unfamiliar with cryptocurrency can make all transactions in Fiat. Investors already familiar with cryptocurrencies looking to diversify their portfolios may do so with whatever currency they choose.

### Defi Lending/Borrowing Protocol

Financial transactions, investments, loans, and borrowing are economical use-cases for smart contracts. End-users may leverage these tools for everyday product and service purchases.

Cross-platform & Multi-DLT

Galileo is a multi-chain protocol that lets its users seamlessly jump between networks. They can navigate across blockchains to interact with the Galileo application or PNFTs anywhere they are offered.
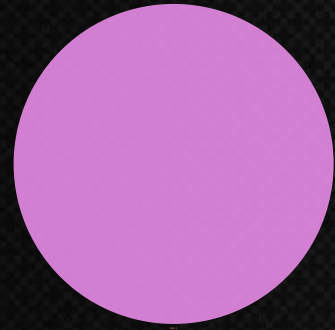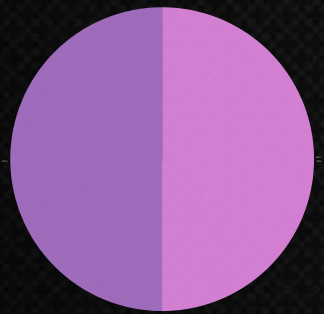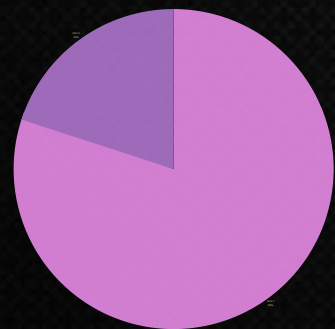
Physical NFTs **In The Press**

- **NFT Artist Beeple sells an artwork at auction for $29 million.**

  - The artwork sold is an authentic sculpture accompanied by an NFT.

  - The accompanying digital item is linked to a blockchain-issued ownership document.

  - It is the second-highest price paid for a non-fungible token or a work of art accompanied by a "dynamic" non-fungible token.

Galileo Protocol
Problems Statement

1

Problem 1

Investors increasingly seek to park their wealth in alternative asset classes such as real estate, luxury watches, and gold to hedge against inflation and unstable economic situations. Most of these asset classes are illiquid by their very nature and typically have substantial entry costs.

2

Problem 2

Crypto-currencies have emerged as an alternative store of value. However, the market is volatile and cyclical. In addition, crypto-currency investors cannot leverage their holdings to acquire physical assets until they leave the crypto-currency ecosystem.

3

Problem 3

Globalisation and the rise of e-commerce have accelerated the production of counterfeit goods, a significant problem for consumers and the global economy. Most luxury items seized by law enforcement are luxury watches and leather goods.

What is Tokenisation ?

Asset tokenisation is the creation of digital tokens representing digital or physical assets on a distributed ledger or blockchain. Once you acquire tokens representing an asset, the blockchain ensures no one authority can revoke or alter your ownership; your ownership of that item is entirely immutable.

The emergence of Bitcoin in 2008 created new opportunities to change investments and asset issuance, management, and trading. Blockchain, the technology underlying the world's first cryptocurrency, is a distributed ledger technology enabling numerous investment strategies.

Blockchain changes the financial landscape by streamlining an asset's division into smaller parts, indicating ownership. Thanks to tokenisation, illiquid assets can be traded in fairer markets. Real estate, art, luxury watches, gold, and more can all be tokenised on a distributed ledger for these use cases.

Benefits of Physical Asset Tokenisation

## From an Investor's perspective

● **Lower minimum investment**

With tokenisation and fractionalisation, Galileo lowers the minimum investment threshold, helping retail investors diversify their portfolios and providing access to formerly inaccessible markets.

● **Less administrative burden**

Tokenisation and blockchain generally boost overall efficiency and speed of transacting value by practically eliminating paperwork and limiting the probability of human error. Many laborious processes can be automated through smart contracts, decreasing transaction costs and the need for intermediaries.

● **Transparent and secure process**

Due to their immutable proof of ownership, tokenised assets enable greater traceability and transparency. All entries are recorded in a shared, immutable ledger capturing the full history of actions taken on an asset.

GALILEO
NFTS FOR PHYSICAL GOODS
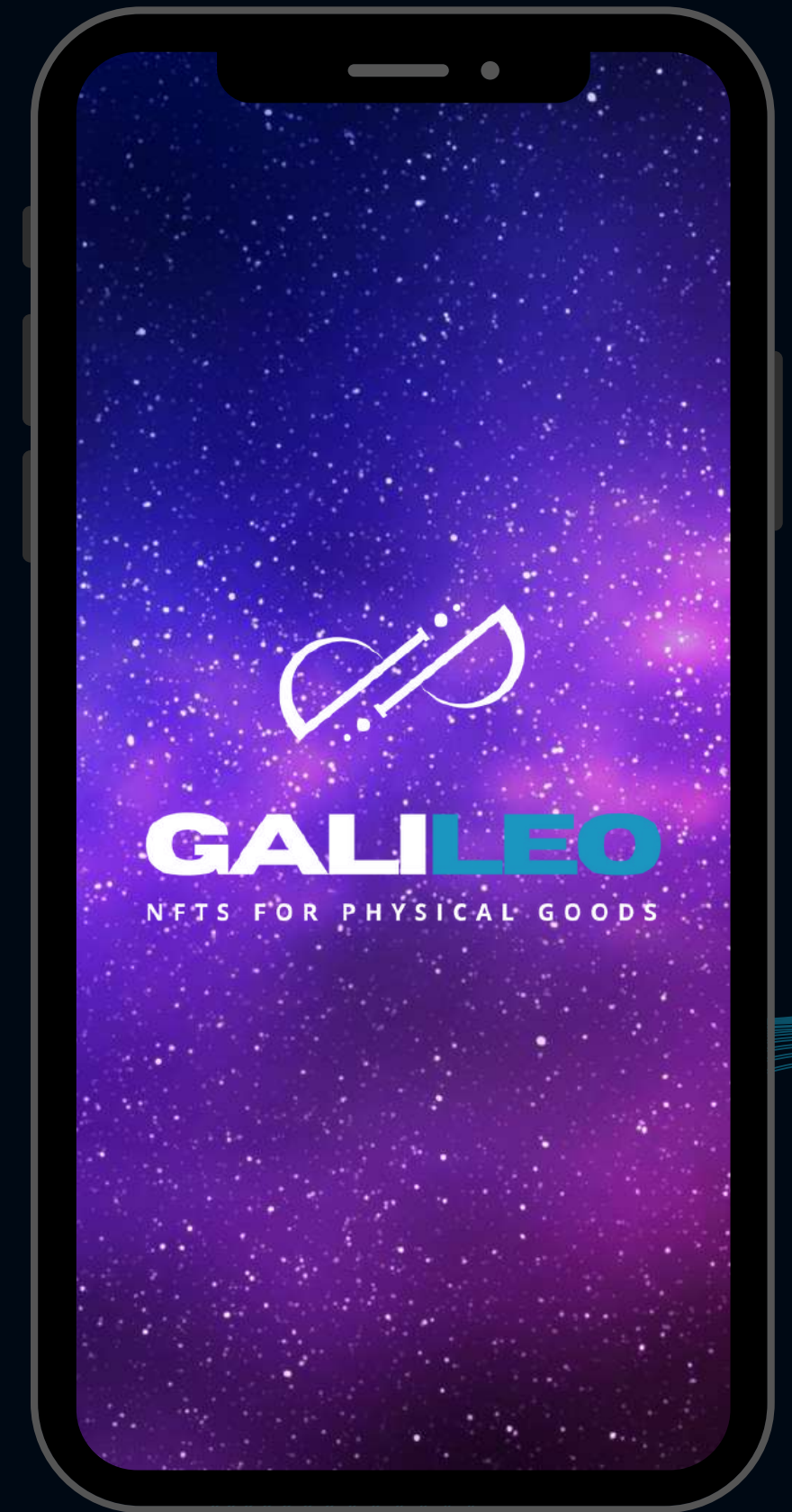
Benefits of **Physical Asset Tokenisation**
# From the Owner's Perspective

● **Increased liquidity**

Physical assets can be tokenised into multiple NFTs. In order to generate liquidity, they may then sell a portion of the asset rather than selling the entire asset.

● **Proof of ownership**

The tokenisation of a physical item on a blockchain enables the tracking of ownership and, by extension, legitimacy. The objective of transferring a digital token is to legally transfer ownership or other property rights.

● **Reduced management costs**

Transferring ownership of an asset usually involves lawyers and notaries handling the paperwork and establishing a trusting relationship between you and the buyer. Many parts of this process are now automated by smart contracts, saving you both time and money.

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NFTS FOR PHYSICAL GOODS
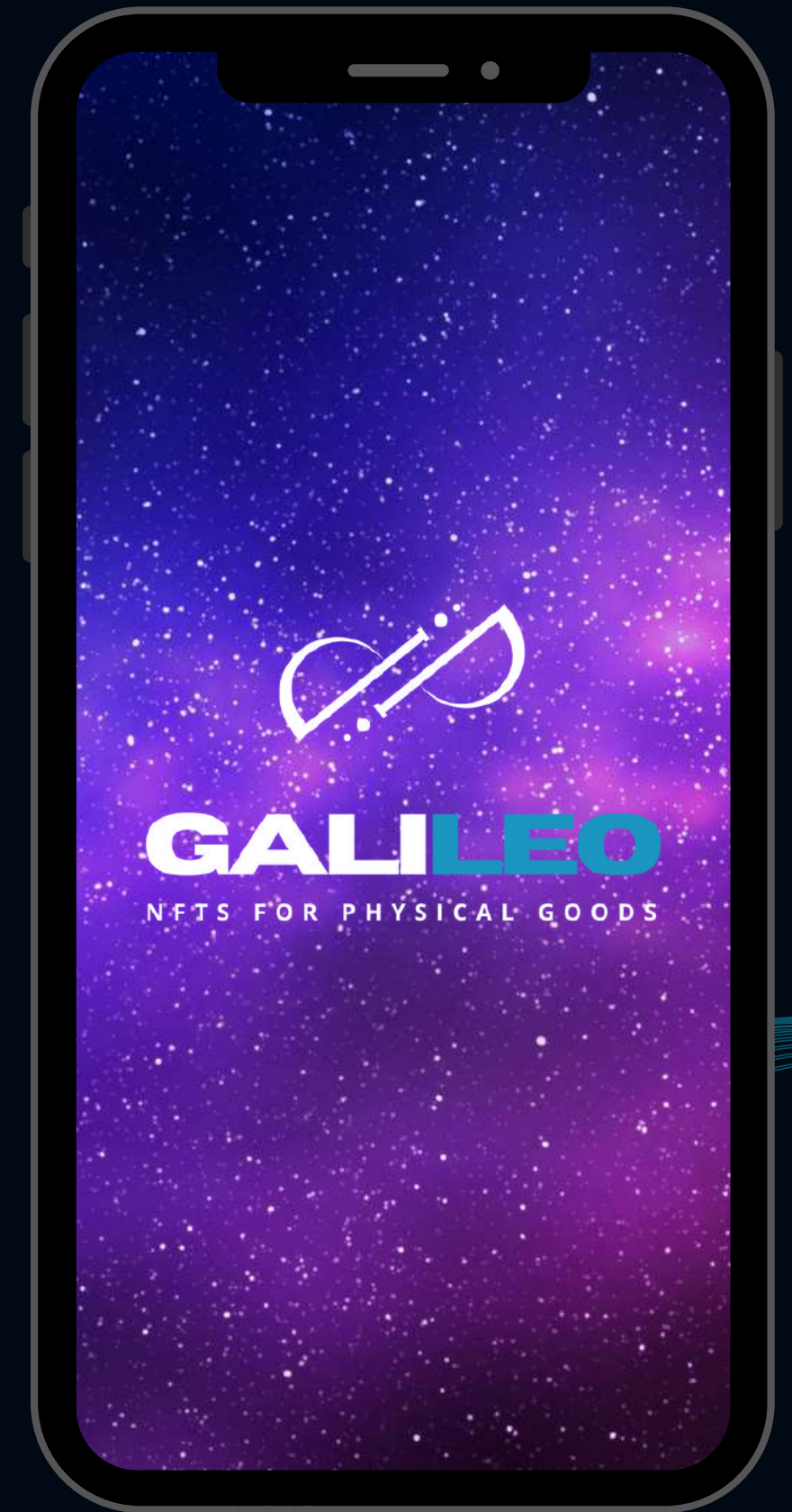
Galileo Marketplace
Web 3.0 Features

GALILEO
NFTS FOR PHYSICAL GOODS
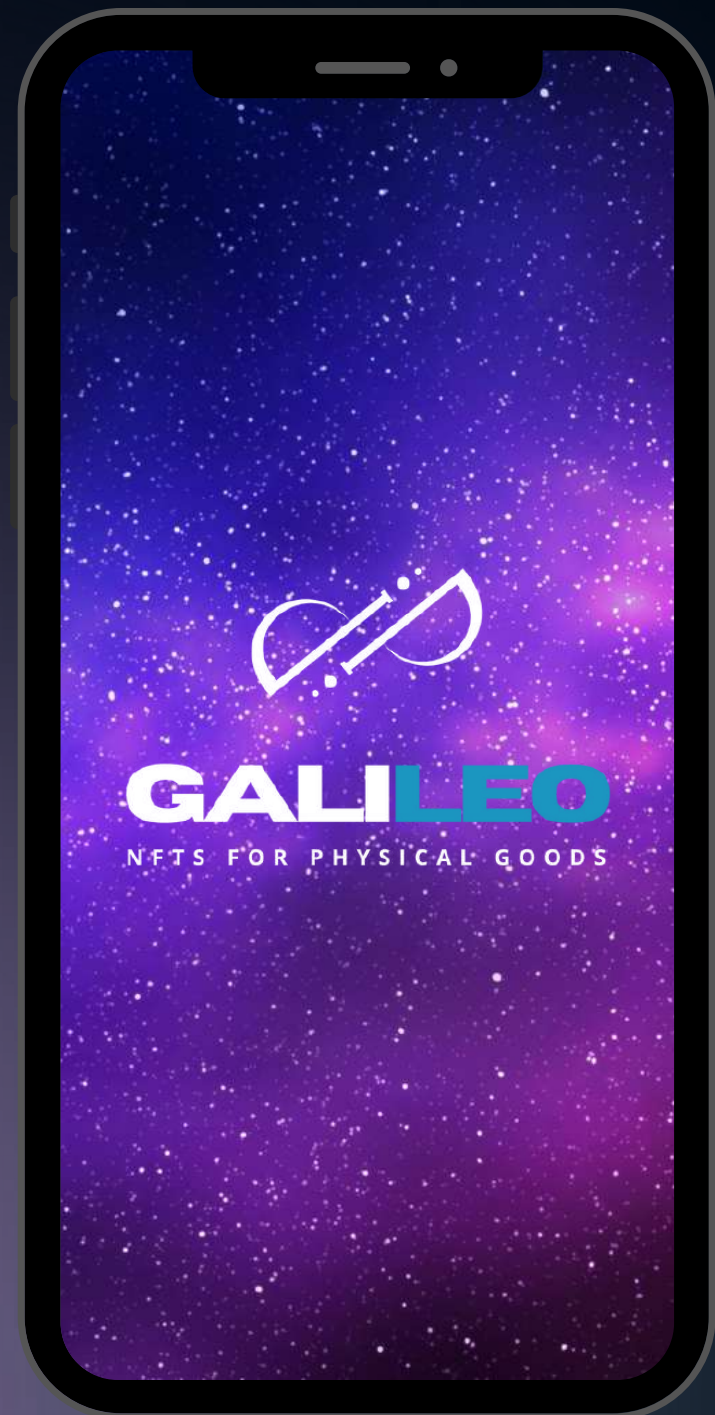
Advantage 1

Sellers can guarantee the value and authenticity of the asset offered.

Advantage 2

Individuals can buy and sell without a trusted third party, allowing smart contract protection.

Advantage 3

Through the redemption system, investors can capitalise quickly on more illiquid physical assets.

Advantage 4

Companies can ensure goods authenticity and help fight against counterfeiting.

Galileo Protocol
Why use Blockchain ?

Blockchain technology enforces a distributed consensus and cryptographic transactions, rendering it difficult to compromise the integrity of its records without being blatant to the entire network.

The created pNFT is scanned for the lifetime of the underlying physical asset, and owners can add new time-stamped metadata. This information can include the date of purchase and sale, warehouse location, change in the item's condition, and the time of arrival and departure.
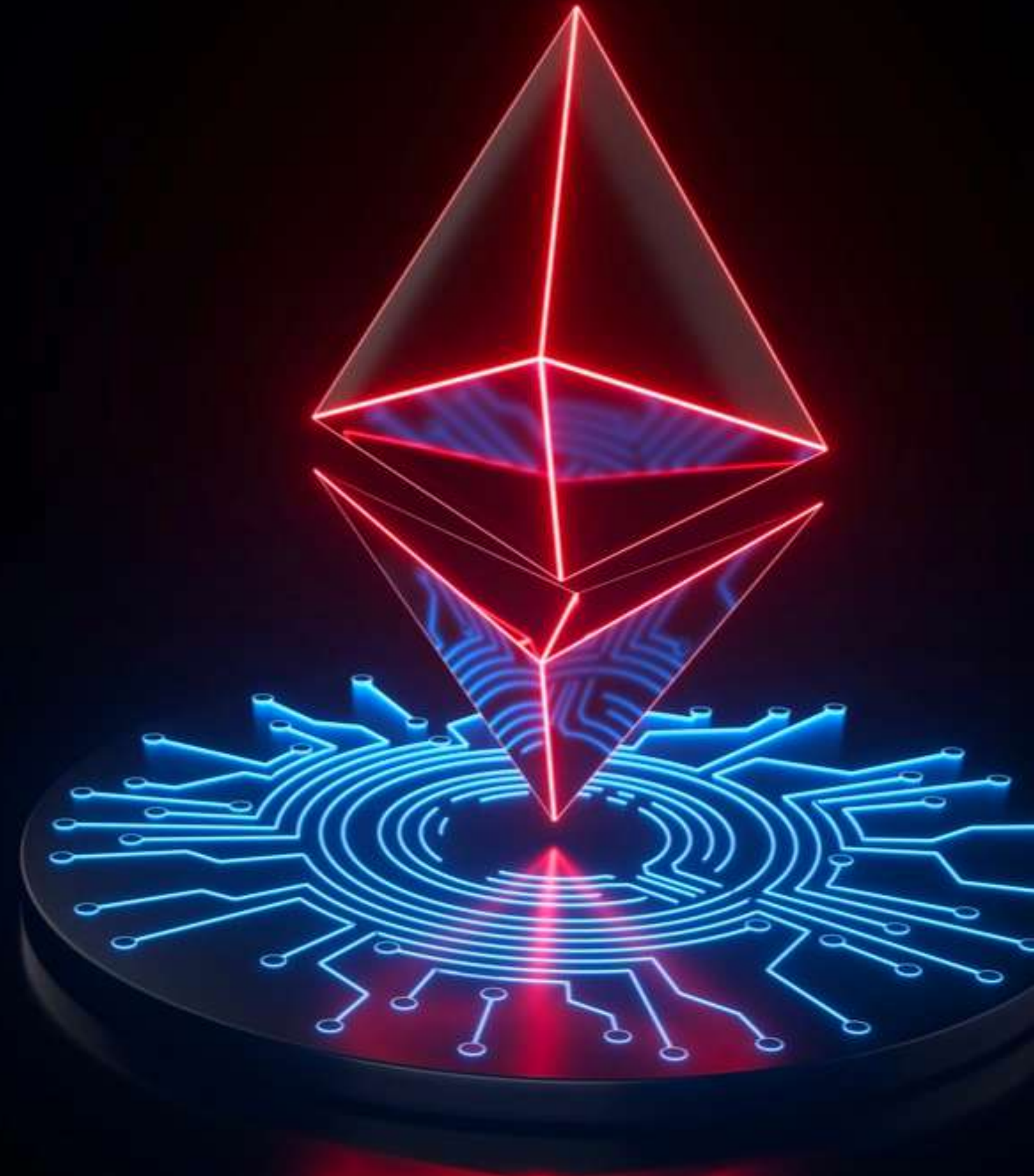
Galileo Protocol
Smart Contracts

Smart contracts are computer programs stored on the blockchain, allowing us to transform automated conventional contracts into digital equivalents.

Smart contracts are highly logical and follow an "if this, then that" framework. This means that they are operating as intended and cannot be changed.

Smart contracts create an environment where business transactions and operations can be completed with confidence and free of intermediaries.

Galileo's smart contracts enable the development of trustless transactions that involve physical assets. The contract performs a specific task when specific circumstances are met. This implies that two people can make promises through Galileo without knowing or trusting each other. If the conditions are not met, they can rest assured that the transaction will not take place.

Galileo Protocol
What are the benefits for users ?

- **Financial transactions for all:** Not everyone has access to traditional financial services (e.g. lending, borrowing, saving). To start investing with Galileo, you only need an Internet connection, a cryptocurrency wallet, and Galileo protocol.
- **A peer-to-peer network:** Galileo enables direct value transfers and transactions between individuals and businesses. You are not required to use intermediary banking or payment systems if you wish not to.
- **A more secure system:** Galileo utilises a know-your-customer (KYC) standard to safeguard users and financial institutions against fraud, counterfeiting, bribery, money laundering, and terrorist funding.
- **Commercial assurances**: You can conduct business without the authority of a major firm. Smart contract technology guarantees that assets will only be transferred if both parties fulfil their obligations.
- **Interoperability guarantees an improved customer experience**. To encourage user acceptance, Galileo is designed to be interoperable with other blockchains and traditional banking.

Galileo Protocol
Asset Custody

Galileo Network LLC will choose organisations specialising in the safeguarding of critical assets.

Our asset custody partners protect Galileo's and its affiliates physical assets in properly insured and audited facilities until redeemed.

We will select several of the world's most reputable safety deposit boxes (when required). Galileo customers pay a specific percentage of the item's value annually to cover storage costs.

Users will not need to use physical equipment to protect their goods and can trade them easily over the Internet.

Galileo Protocol
The redemption system

Users can purchase a pNFT from the market and choose to leave the physical asset at the Galileo partners' storage facilities for as long as they desire. They can also utilise the redemption system to take physical ownership of the underlying asset, by using the "redemption system" which has several benefits:

- The holder of the pNFT can redeem their asset at any time, whether it's a watch, a car, or a piece of art, and have it delivered to their home via a Galileo-mandated partner to ensure the security of the asset during delivery.
- They are given exposure to the underlying physical asset.
- The pNFT remains in existence for the lifetime of the underlying asset, regardless of the asset's location.
- A certified partner can appraise the underlying asset, and the owner can update the pNFT data accordingly. (Future)

Galileo Protocol
Fractionalisation

Fractionalisation divides ownership of an asset so that many parties receive benefits according to the quantity they own.

Mr Smith, for instance, spends $20,000 on a Rolex watch. He may sell 50% of this watch's value on the Galileo market for $10,000.

He may set a minimum purchase requirement of $100. One or more users are eligible to get the remaining 50%.

Subsequently, the fractions are transmitted to the user's wallet, while the pNFT is locked by a smart contract and may only be traded or sold by a user who has accumulated all fractions. (Future)

Galileo Protocol
Fractionalisation

The fraction may not be redeemed without the consent of all of the asset's owners.

Conversely, holders of fractions can earn proportionately from the increase in value of an asset (or even from the rents of tenants if it is a fraction of a leased asset).

Fractionalisation offers two main advantages:

- It allows for investors of limited means to own a fraction of an expensive physical asset, such as a luxury watch, real estate, or a luxury car;

- It also significantly contributes to increasing the liquidity of a physical asset.

Galileo Protocol
Why choose Quant Network?

- Quant Network supports the development of multi-chain applications (mApps), connecting and enabling communication between different blockchains.

- Quant mDapps provide frictionless trading and a secure transaction method without needing a third-party intermediary.

- Quant's tokenisation solution allows for complete and seamless interoperability between different blockchains at scale while maintaining privacy and compliance without adding additional overhead or bottlenecks.

- QRC20 tokens will support multiple distributed ledger systems (DLTs). They can be implemented on-chain (public DLTs) or off-chain (private DLTs) to accommodate complex transactions between multiple DLTs.

- With its renewed focus on CBDCs, Quant Network aims to facilitate open access to digital currencies issued by central banks.

QUANT

Galileo Protocol
The $LEOX token

$LEOX is a QRC-20 utility token issued on a multichain protocol (supporting Ethereum, Polygon, Binance Smart Chain, and XDC network). It's our ambition to create a digital currency that you can use on the internet when dealing with physical assets.

$LEOX has four different functions on the platform:

- A means of exchange for minting, paying transaction fees within the protocol, and royalties when needed.

- Staking rewards:
    - By staking $LEOX, users can lower transaction fees when mining, buying, selling, and transferring NFT to a third party.
    - By staking $LEOX, users earn rewards directly from the transaction fees generated on the Galileo platform.
    - By staking $LEOX, users eventually have a means of participating in the platform's governance system. This allows them to create and vote on protocol proposals.

Galileo Protocol
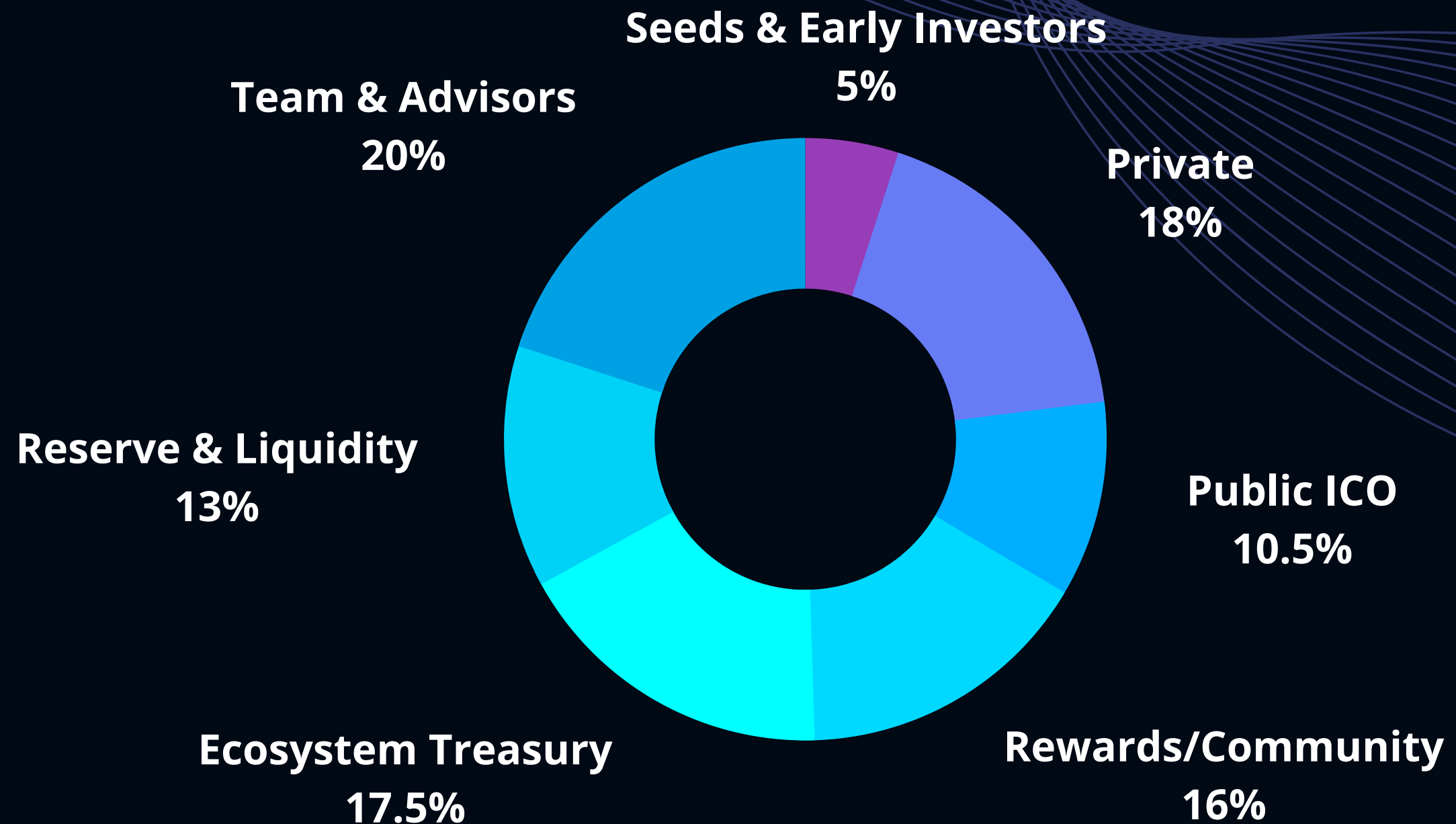## What are the benefits of holding $LEOX ?

QUANT

- With $LEOX, you can act as your own bank, using your wallet as proof of ownership. Control your funds; no third parties are required.

- Quant Network level security. Galileo Protocol is protected by well-established (third party) audited cryptography. This safeguards your wallet, tokens, non-fungible tokens, and transactions.

- Peer-to-peer payments. You can transfer $LEOX without using an intermediary such as a bank. It is similar to handing someone cash in person, but it can be done safely for everybody, anywhere, and at any time.

- Open to the public. You only require an internet connection, the application, and a $LEOX-compatible wallet. You do not need a bank account to accept and receive payments on Galileo.

- Available in variable quantities. $LEOX is divisible to 18 decimal places, allowing fractional $LEOX token exchanges.

Galileo Protocol **Tokenomics**

$LEOX is the cryptocurrency token that powers the Galileo ecosystem. The $LEOX token, can be used within Galileo ecosystem to provide users with discounts on trading fees, access to new NFTs launch, and the ability to vote on decisions concerning the future of the protocol.

Galileo will mint 200 million $LEOX tokens in 39 months, with 33.5% distributed to members of the community (Seeds, Early Investors, Private & Public Sales), 12% to be used to buy and store Physical Assets for the community, 4% for staking rewards, 13% as Reserve & Liquidity, 17.5% as Ecosystem Treasury and 20% has been reserved for Galileo team members and Advisors.

Seeds & Early Investors
5%

Team & Advisors
20%

Private
18%

Public ICO
10.5%

Reserve & Liquidity
13%

Rewards/Community
16%

Ecosystem Treasury
17.5%

Initial Circulating Supply: 38,100,000 $LEOX
Undiluted Market Cap: $10,001,250
Public listing: 0,25 USD

Galileo Protocol
Competition Analysis

1

Fractionalisation

RealT offers fractional real-estate investment in tokenised assets.

2

Redeem System

Tangible converts physical goods into exchangeable NFTs that may be traded for physical goods at any time**.**

3

Liquidity Pools

Tinlake is an open DeFi protocol and marketplace for real-world asset pools.

Galileo Protocol
Unique Value Proposition

Aside from integrating smart contracts with real-world transactions and functioning as a pNFT lending protocol, Galileo offers all three of these features in a single multi-chain, open-source protocol.
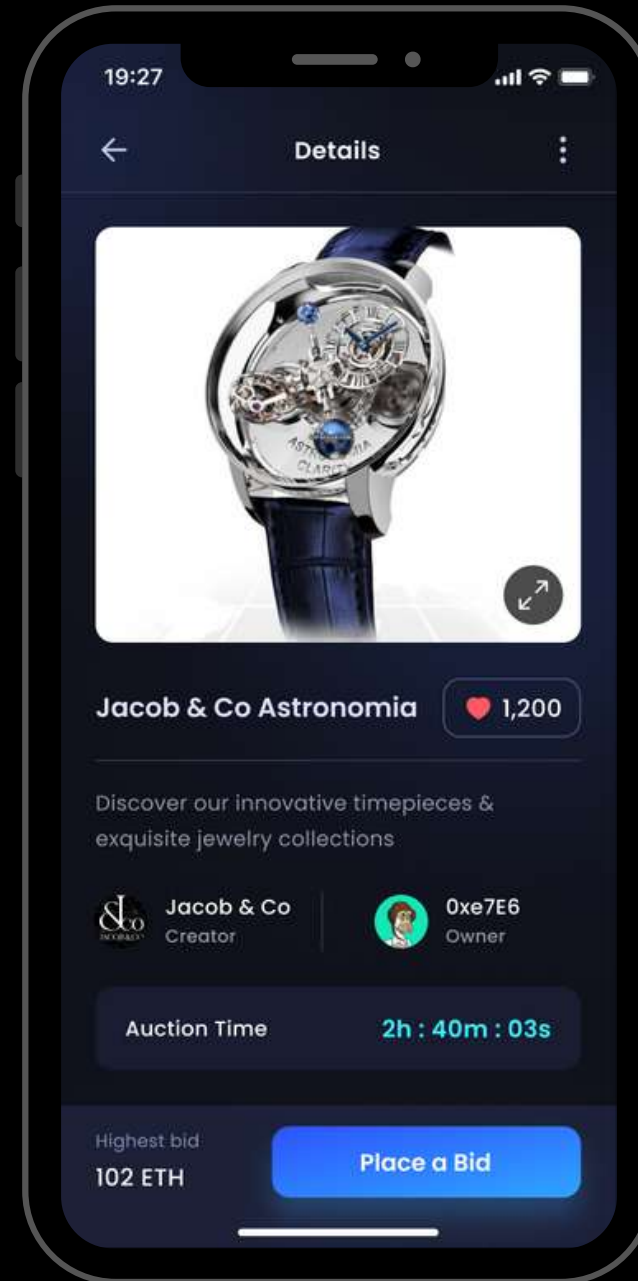
1 **Fractionalisation** + **2** **Redeem System** + **3** **Liquidity Pools**

Galileo Protocol
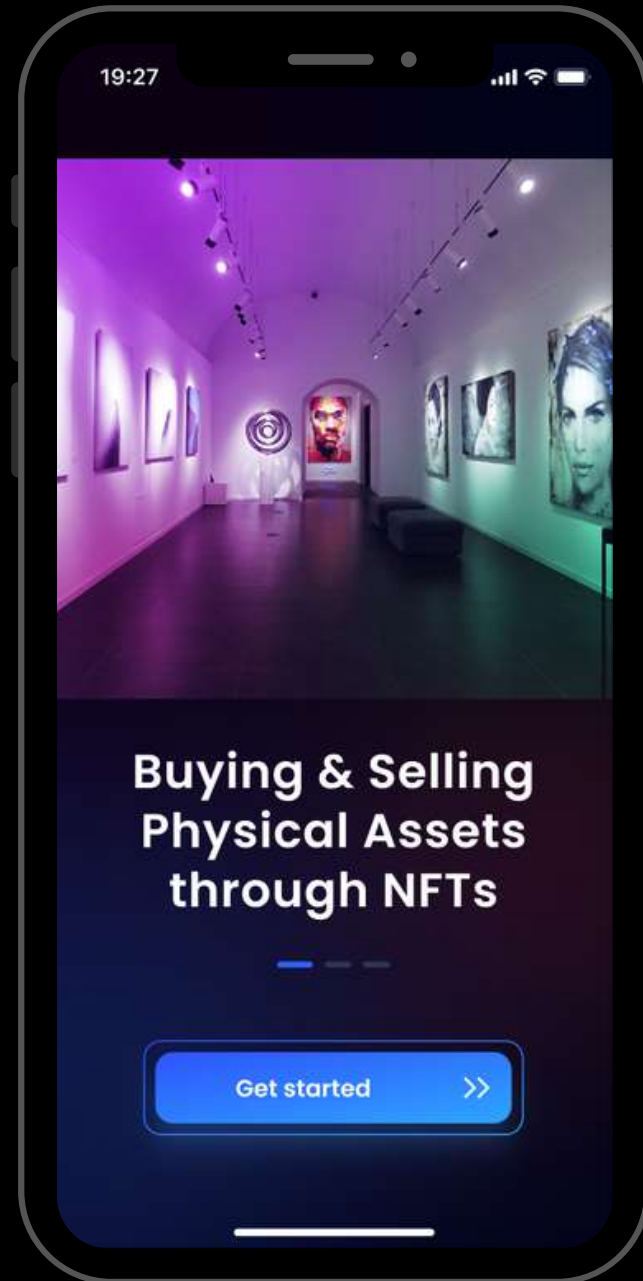## Roadmap

2022
Q 3 / Q 4

2023
Q 1 / Q 2

- Company legal status
- Release of a Galileo MVP
- Recruitment Development
- VC Fundraising
- Private & Public sales management
- Deployment of sales representatives in Europe
- Commercial-brands partnerships

- Launch of Galileo Marketplace
- Listing of $LEOX Token on CEX/DEX
- Smart contract Engine
- Launch of LEOX rewards and staking
- Galileo Mobile Launch for Apple iOS / Android
- Deployment of sales representatives in Europe
- Commercial-brands partnerships

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