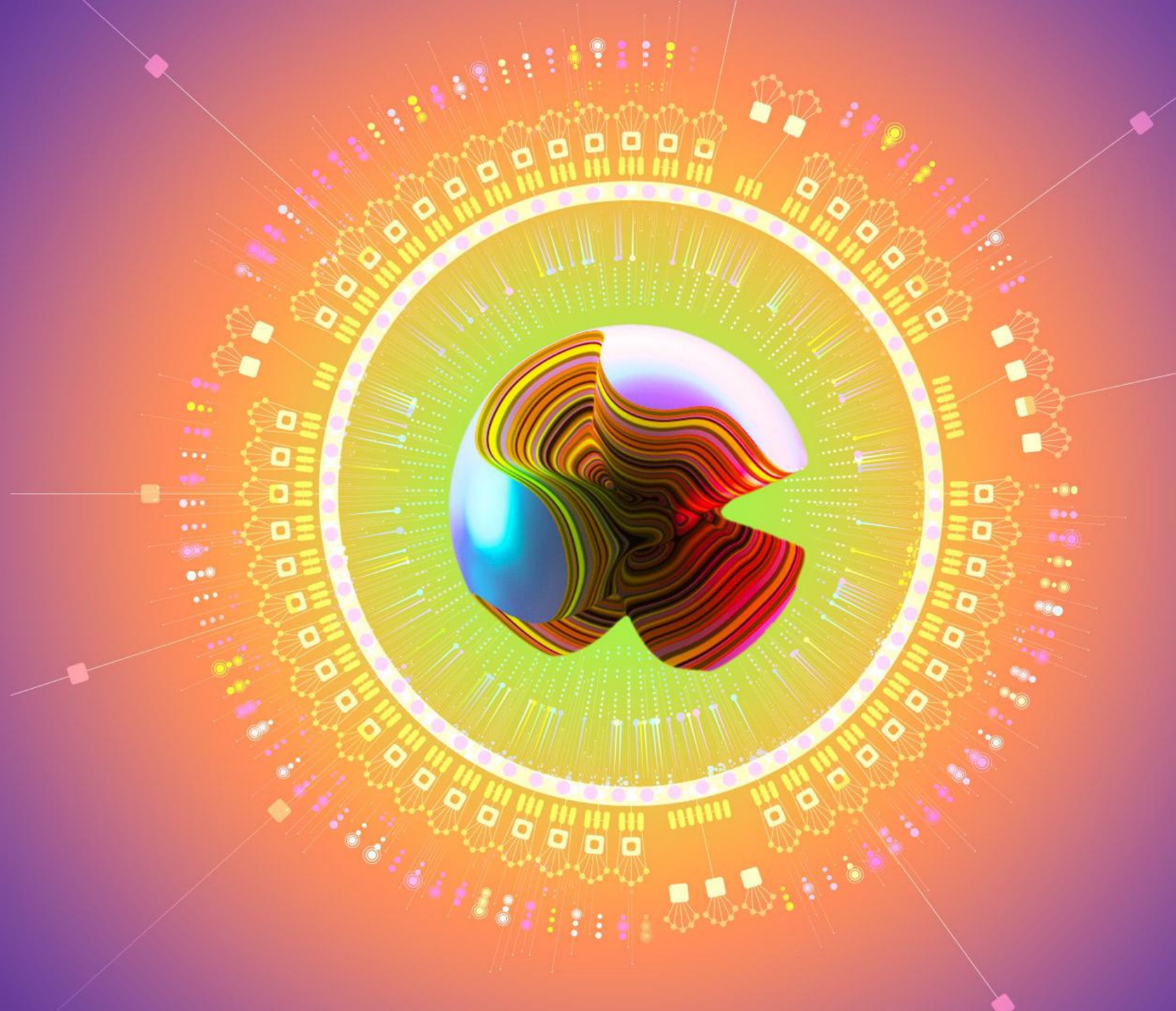


# LAOS

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The Universal Layer 1  
For Digital Assets  
Across All Blockchains



# The Universal Layer 1 for Assets Across All Blockchains



Mint unlimited assets in all chains, including Ethereum, without paying native gas fees, **without bridges** or wrapped currency.



Extend the metadata of every asset ever created, on any chain, **permissionlessly**.

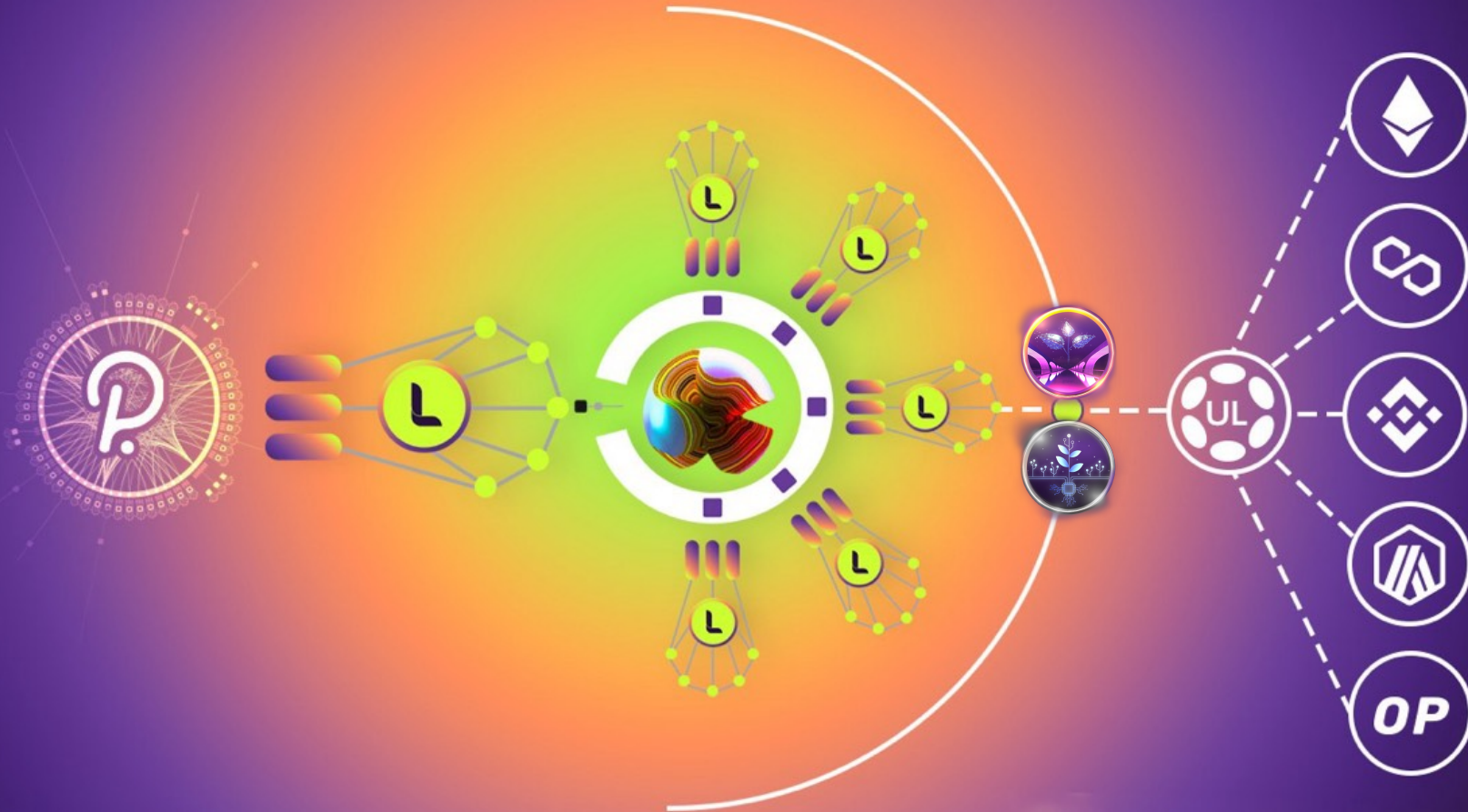
# The Universal Layer 1 for Assets Across All Blockchains

3

LAOS **EXPANDS** THE POSSIBILITIES OF EXISTING CHAINS, INSTEAD OF COMPETING WITH THEM.

LAOS **CAPITALIZES** ON SIZE OF THE MATURE ECOSYSTEMS, RATHER THAN HAVING TO BOOTSTRAP ITS OWN.

# LAOS will be the First Layer-1 with **Bridgeless Connectivity**



LAOS uses **Universal Location**, originating from Polkadot's XCMv3, to establish bridgeless connections with all existing Layer-1s.

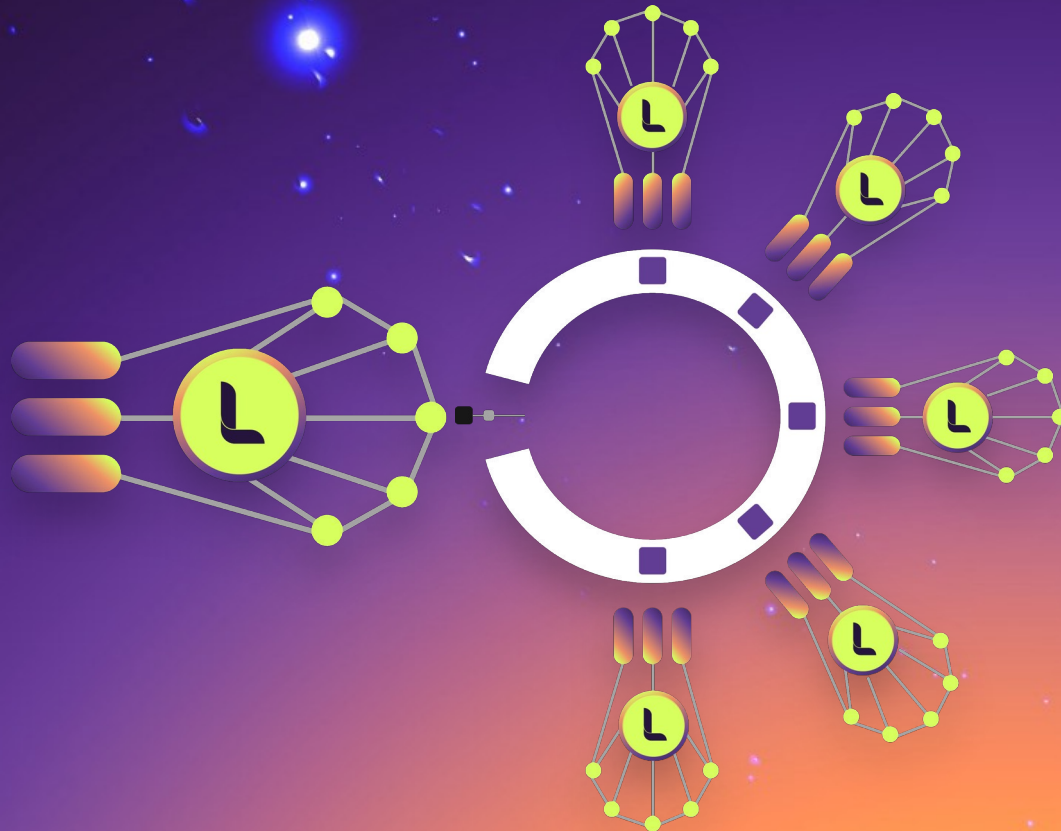
The connection is bi-directional.

Inwards connections will enable **Bridgeless Minting**: large-scale minting on Ethereum, Polygon, etc., without network congestion, paying fees in LAOS, while maintaining user trading or lending as usual in the connected chains.

Outwards connections will enable **Decentralized Asset Metadata Extensions**, whereby anyone, including original creators, can permissionlessly extend the metadata of any NFT ever created in any chain.

# LAOS will Scale Via Sharding Itself

LAOS **SPECIALIZED SHARDING** WILL BOOST ITS BRIDGELESS CONNECTIVITY, ALLOWING IT TO ADD VALUE TO EVERY LAYER 1.



SHARDING WILL LEAD TO A THROUGHPUT COMPARABLE TO AN ENTIRE ETH 2.0 OR POLKADOT, SPECIALIZED IN DIGITAL ASSETS, **WELL BEYOND THE TPS OF ALL EXISTING LAYER 2s COMBINED**

**USING LAOS,  
APPLICATIONS REMAIN IN THE  
MATURE ECOSYSTEMS, BUILDING  
PREVIOUSLY IMPOSSIBLE USE-CASES**



# LAOS used for **Bridgeless Minting with Sharding**



Despite limitations, pioneer L2s add great value to the ecosystem  
**LAOS will further scale them all**

L2 scaling solutions	LAOS
Recipients of mints must bridge ETH or acquire a new coin, to begin trading them	Users keep using ETH/MATIC as usual. <b>No bridging required</b>
Limited TPS	Beyond the TPS of all <b>existing Layer 2s</b> combined
Typically: centralization of off-chain data & computation, bridge security issues, censorship possibilities	Fully <b>decentralized</b> , TX data is <b>on-chain</b> , 100% <b>censorship-resistant</b>
Long waiting times to bring the assets to the layer-1 (Ethereum, Polygon)	<b>Instant</b> , on L1 directly
One L2, entire network of nodes, bridges, etc., per layer-1	<b>LAOS</b> scales <b>all</b> blockchains

CHAIN	MARKET CAP
Arbitrum	\$1.4Bn
Optimism	\$1.5Bn
Immutable X	\$1.4Bn
Polygon	\$7.7Bn

# LAOS used for Decentralized Metadata Extensions

by the creator of any existing asset everywhere



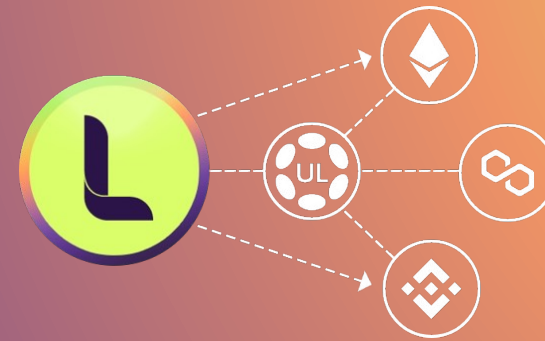
On creation in Ethereum



California Version



Christmas Campaign



permissionlessly extend any NFT anywhere based on your own business model

On creation in Game X

by any National Copyright Office



On creation in Polygon



Copyright Infringement



Copyright Legit

by a sandbox game



by an FPS game

image adapted

3D model added



extended metadata:  
unbreaking: level II  
sharpness: level IV



extended metadata:  
damage: 70  
range: 3m



Any Application that requires minting at scale  
without abandoning the most mature ecosystem.

Any Application that benefits from permissionlessly  
extending metadata of NFTs everywhere.

## ENDLESS USE CASES



Current users in L2  
to be migrated to LAOS

# Real World Asset Tokenization

Forecast for RWA market  
Boston Consulting Group  
~ **\$16 trillion** by 2030



With LAOS **Bridgeless Minting**, tokenization of Real World Assets (RWAs) scale massively without departing from the most mature ecosystems, like Ethereum. From bonds to real estate, the anticipated demand for massive minting of RWAs can now be met without limits, while remaining connected to Ethereum's vast liquidity and DeFi infrastructure.



With LAOS **Metadata Extension**, all existing and new RWA can updated permissionlessly, at any time, without paying gas fees of the original chain. Invoices can be marked as paid, supply chain traceability extended, real-estate updated to reflect real-world changes, etc.

# Gaming in Mature Blockchains



LAOS's **Bridgeless Minting** & evolution enables games to go beyond scarcity and play-to-earn, creating hundreds of millions of assets without leaving their preferred blockchain, without congesting it, and at a vastly reduced cost. This empowers gamers to trade, lend, and enhance their assets through the extensive applications available in the most mature ecosystems, including Ethereum and Polygon.



With LAOS's **Metadata Extension**, games can import any existing NFT in their game, adapting its image to the game look & feel, adding a 3D model, extending its attributes, and modifying such extensions as the asset is used. Games can choose to link these imports to in-app purchases. This offers the possibility of **incentivized cross-game interoperability**, avoiding IP and art-pipeline issues.

Forecast for Blockchain Gaming market:

- MarketsAndMarkets ~ **\$65B** by 2027
- Naavik & Bitkraft Ventures ~ **\$50B** by 2025
- iMarc ~ **\$117B** by 2028

# Marketplaces, Collectibles & Web3 Apps

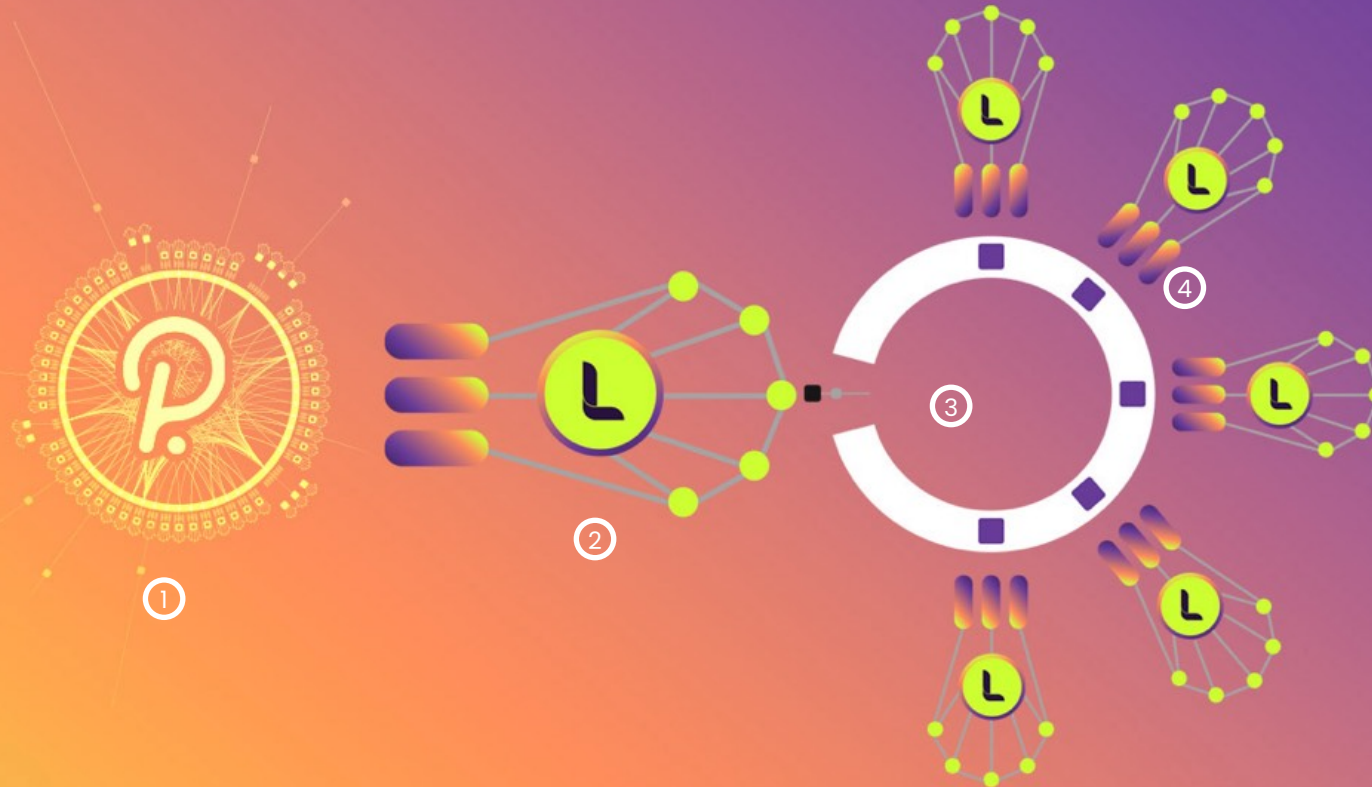


With LAOS **Bridgeless Minting**, marketplaces and Web3 Apps compete to attract more users by offering mass minting on Ethereum or Polygon through no-code and API solutions. They absorb the minimal gas costs for all users meeting specific criteria and relay transactions to provide a gasless UX.



With LAOS **Metadata Extension**, existing collections are given a new lease of life, with their creators using LAOS to extend & evolve their initially static image & metadata, e.g., orchestrating seasonal campaigns. Marketplaces show the historical and current states, ensuring the collection's year-round relevance and continued value.

# Architecture Details



① **Polkadot Relay Chain**

The relay chain will provide security to the LAOS Parachain from day zero.

② **LAOS Ownership Parachain**

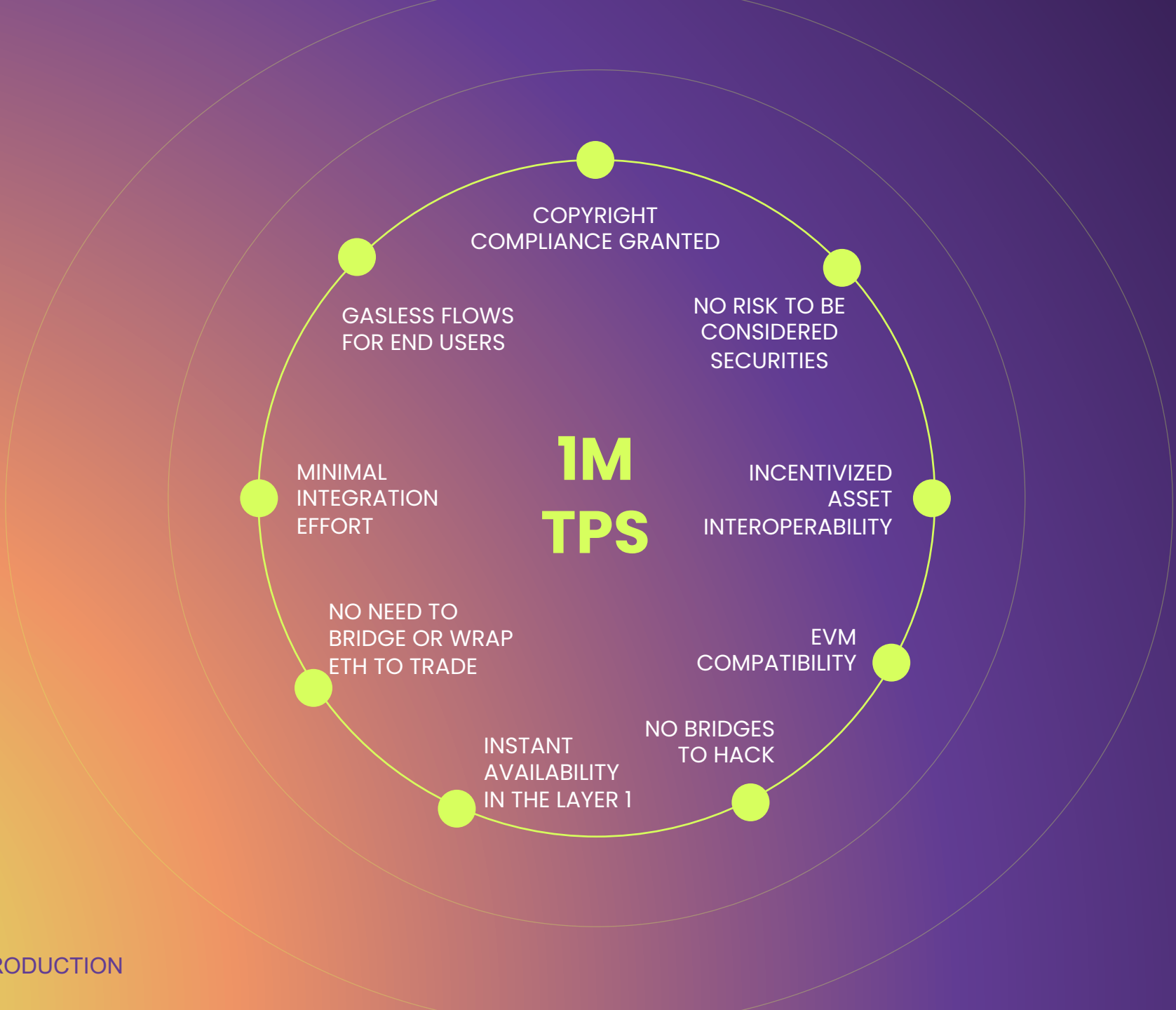
The Parachain will manage: the LAOS token, the ownership of assets created directly on LAOS, the state and governance of EvoChains

③ **LAOS Specialized Relay Chain**

A replica of Polkadot's relay chain, but specialized in digital ownership, and with token & governance deriving from the Parachain via a **fully trustless** light-client based bridge.

④ **LAOS Specialized EvoChains**

Evolution Chains will manage asset attributes, minting & evolution. They connect to the LAOS relay chain via standard Parachain pattern, hence inheriting security from it.





# Founding team

LAOS core developer is [Freeverse](#).

Founded in 2019. Raised \$13M in private rounds. Builders of a [Layer-2](#), live for 2+ years, used by [Cupra](#), [Hyperreal](#), [Mediapro](#) & various video games and brands.

## USED BY



## INVESTORS



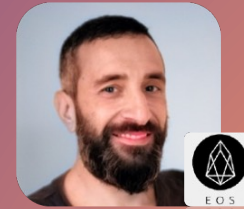
**DR. ALUN EVANS – CEO**

Founder & CEO, Shar3d.io. Co-founder & CTO, Bodypal.com. Game Director, BCN World Race. R&D Director BCN Media Tech Center PhD CGI



**DR. TONI MATEOS – CTO**

Oscar awarded for Sci & Tech Achievements as Co-creator of DOLBY ATMOS. Founder @IMMSOUND, acquired by Dolby in 212, now ~\$1B annual revenue, and reached ~1B audience worldwide



**ALESSANDRO SINISCALCHI – Head.Eng**

Head of Engineering, Bel Air Cinema, 15+ years in mission-critical systems: telescope robotics @GRANTECAN, aerospace @INDRA, EOS Blockchain top dev & Mentor'19



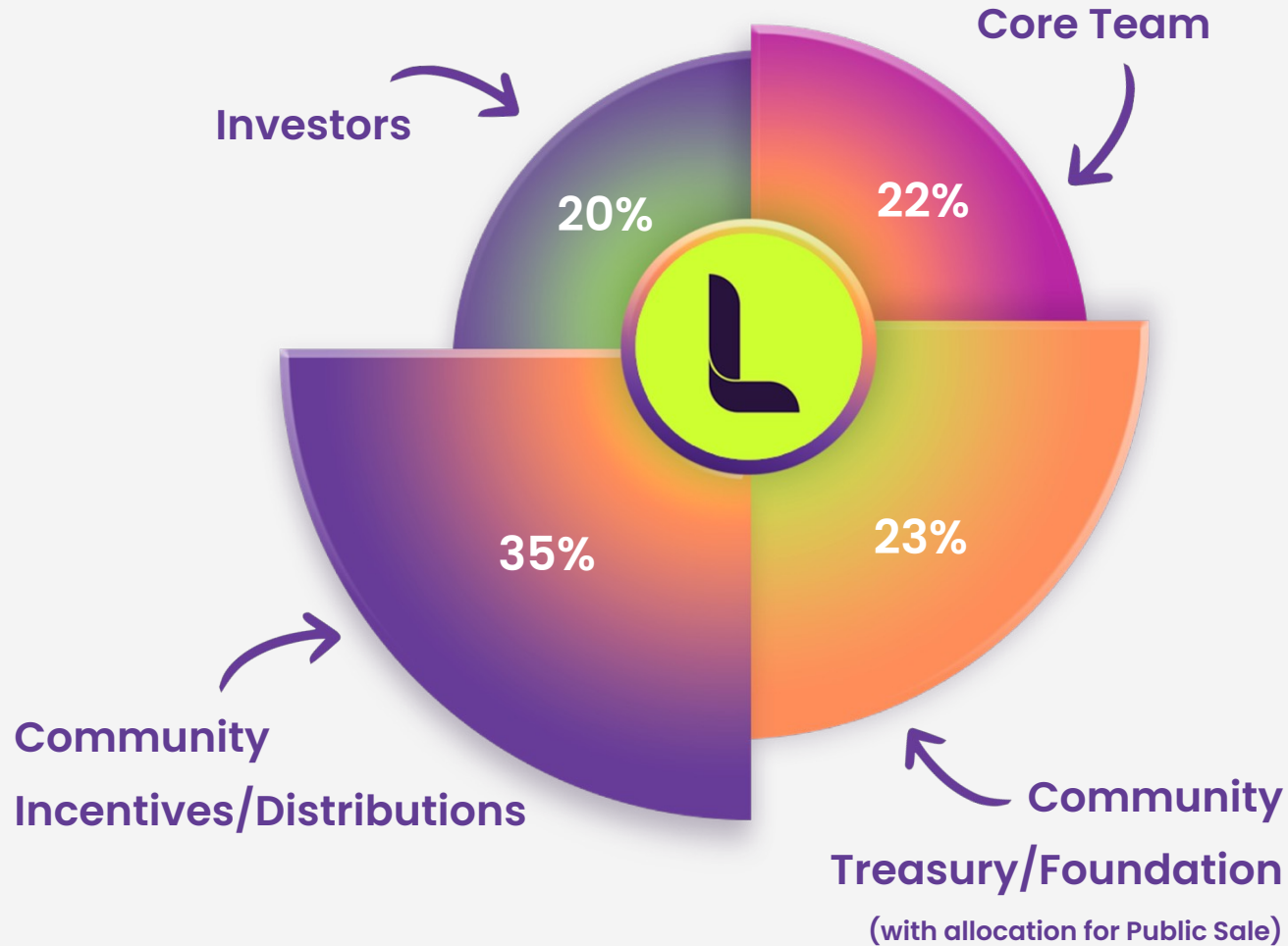
**FERRAN ESTALELLA – COO**

Manager @ Accenture. 18+ years consulting in Telecom Industry, Cellnex Network, Abertis Telecom Berkeley (US), LSE (UK)





# LAOS Utility Token



## USAGE

LAOS are needed to execute transactions, in the LAOS Ownership, Relay, and the Evolution Chains.

## STAKING

Stake LAOS to unlock a range of benefits, including additional token rewards and governance rights, while helping preserve the security of the network.

## GOVERNANCE

Participate in the future of LAOS through proposals, discussions, and voting.

# The Investment Opportunity



Private sale for Institutional Investors & Strategic Partners  
to secure the success of LAOS.

Raising up to 4M for up to 8% of total supply at TGE.

How funds will be used:

- Massive community engagement & **marketing**
- To incentivize **adoption** & usage
- Further engineering **development**



LAOS

[laosfoundation.io](https://laosfoundation.io)

[LAOS Resources](#)

[Technical Whitepaper](#)

[Token Whitepaper](#)

