

L A R E D

TRUSTED DIMENSION FOR ECONOMIES

Dedicated for Members of Association

The blockchain is an incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value.



CENTRALIZED

Centralized systems have a core authority that dictates the truth to the other participants in the network.

Only privileged users or institutions can access the the history of transactions or confirm new transactions



DECENTRALIZED

Decentralized systems have no core authority to dictate the truth to other participants in the network.

Every participant in the network can access the history of transactions or confirm new transactions

MAJOR PROBLEMS

1.

Current DLT and Blockchain solutions **do not provide simplified use-case implementation.**

2.

Emerging markets **don’t have access to relevant toolsets**

3.

While Private blockchain are centralized / current Public blockchains **don’t guarantee governance option**

Consortium network

Trusted dimension for economies

Association

Based in Switzerland



Ensures the public trust with established governance, compliance and security standards.

Technological Infrastructure

Ensures solutions for present and future needs of blockchain-driven products and service developement

LARED Goals

- To **foster innovations and decentralised business models** through regulatory compliant environment
- To facilitate the **inclusive and self regulated business ecosystem**.
- **To support and accelerate new business and economy models** through self sustainable technology driven environment
- To **contribute to the creation of Environmental goods and services** (EGSS) and Green Deal 2050 through financial incentives and technological support
- To contribute to **the standardisation of innovative business processes** and technologies applied
- To **promote the best business and ethical standards** among the ecosystem participants

Membership Benefits
for Corporates

Positive social impact



Development tools and solutions



Compliance compatible blockchain



Proof of Stake and “blockchain” Reward

Membership Benefits
for Governments



Digital transfor-mation



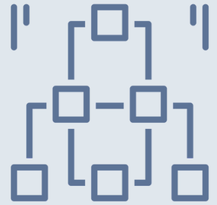
Green economy and Positive Social impact



Transparent legal governance



Compliance compatible blockchain

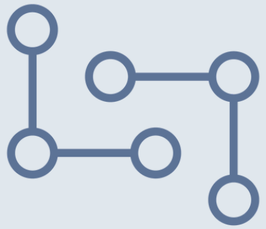


Regulatory framework guideline

Membership Benefits
for VCs, Exchanges, etc.



Proof of Stake and “Blockchain Rewards”



Node operations



Bringing their own other projects on blockchain

Technical Specifications: Summary of LARED Feature Sets

LARED consortium network enables functional specifications and security requirements to be met through the following:

LARED is the Hybrid Ch

The protocol has native compatibility with both private and public chains. Designed for interoperability, users can preserve a permissioned ecosystem in a private chain and communicate freely with the public chain as a decentralised hub of data. This gives greater control over transaction fees, custody of sensitive data, and compatibility with existing company networks.

Security

Robust, built-in and tested security features help reduce risks i.e. from bespoke solutions. A plug-in framework makes LARED more resilient to human error and network attacks and it supports compile-time substitution of the primary hash algorithm, which produces a 32-byte value from input data - standardized SHA3 cryptography.

Account & Token Restrictions

Tokens and other assets can easily be restricted from being sent to or from any account that meets configurable criteria, including holding other specified assets. This lets you easily create regulatory-compliant assets (such as financial products), IDs, and non-transferable votes.

Aggregate Transactions

The LARED platform can merge multiple transaction Accounts into one by generating a single-use, disposable smart contract. The merging of transactions allows for trustless swaps, paying fees on behalf of a user, escrowed transactions and a multitude of other easily configured business uses.

A **Bonded Transaction** is another type of aggregate transaction which is bonded when it requires signatures from other parties. Once an aggregate bonded is announced, it reaches a partial state and notifies its status. Every time the cosignatory signs the transaction and announces an aggregate bonded co-signature, the network checks if all the required cosigners have signed.

Interoperability

LARED is interoperable to allow support of almost any business requirement. APIs ensure seamless integration with existing enterprise systems and processes, as well as other networks and blockchains and SDKs give internal developers a familiar and easy experience without the need for proprietary languages etc.

Multi-Level Multi-Sig

Users can create multi-level, multi-signature accounts (max 3) with “AND/OR” logic allows more complex account set-ups. This allows use cases like account recovery, anti-fraud monitoring, and ordered multi-stage transaction approvals that are very difficult on other blockchains.

	LARED		HYPERLEDGER	corda	ALASTRIA	EBSI
Immutability	★★★★	★★★★★	★	★	★★★	★★★★★
Security	★★★★★	★★	★★	★★★★	★★★★★	★★
Flexibility	★★★★	★★★	★★	★★	★★	★
Low transaction cost	★★★★	★	★★★★	★★	★	★★
Error handling	★★★★★	★★	★★★	★★★	★★★	★★★
Programming language	★★★★★	★★★★	★★★	★★★	★★★	★★
Confirmation and finality	★★★★	★★	★★★★★	★★★	★	★

Cases of adoption • Corporate



Commodity exchange



Assets digitalization



Notangible assets distribution



Overseeing inventory



Supply Chains



Fair pricing



Subsidies Oversight



Mobile Remittance for SME



Chemical fertilizers and pesticides used in production processes



Goods origin/traceability



Quality control/ certificate



Insurance

Cases of adoption • Public Sector



Voting



Central Bank Digital Currency (CBDC)



Taxation & Customs



Certificates



Identity Management



Notarisation



Healthcare



Government Records



Land registration

LARED Team



Andrius Bartminas,
President



Vaiva Amule, COO &
Board member



Vytautas Kašėta,
CTO & Board Member



Paulius Grybauskas,
Board Member



Arturas Svirskis,
Head of partnerships



Tadas Pocevičius,
CMO

LARED Advisors

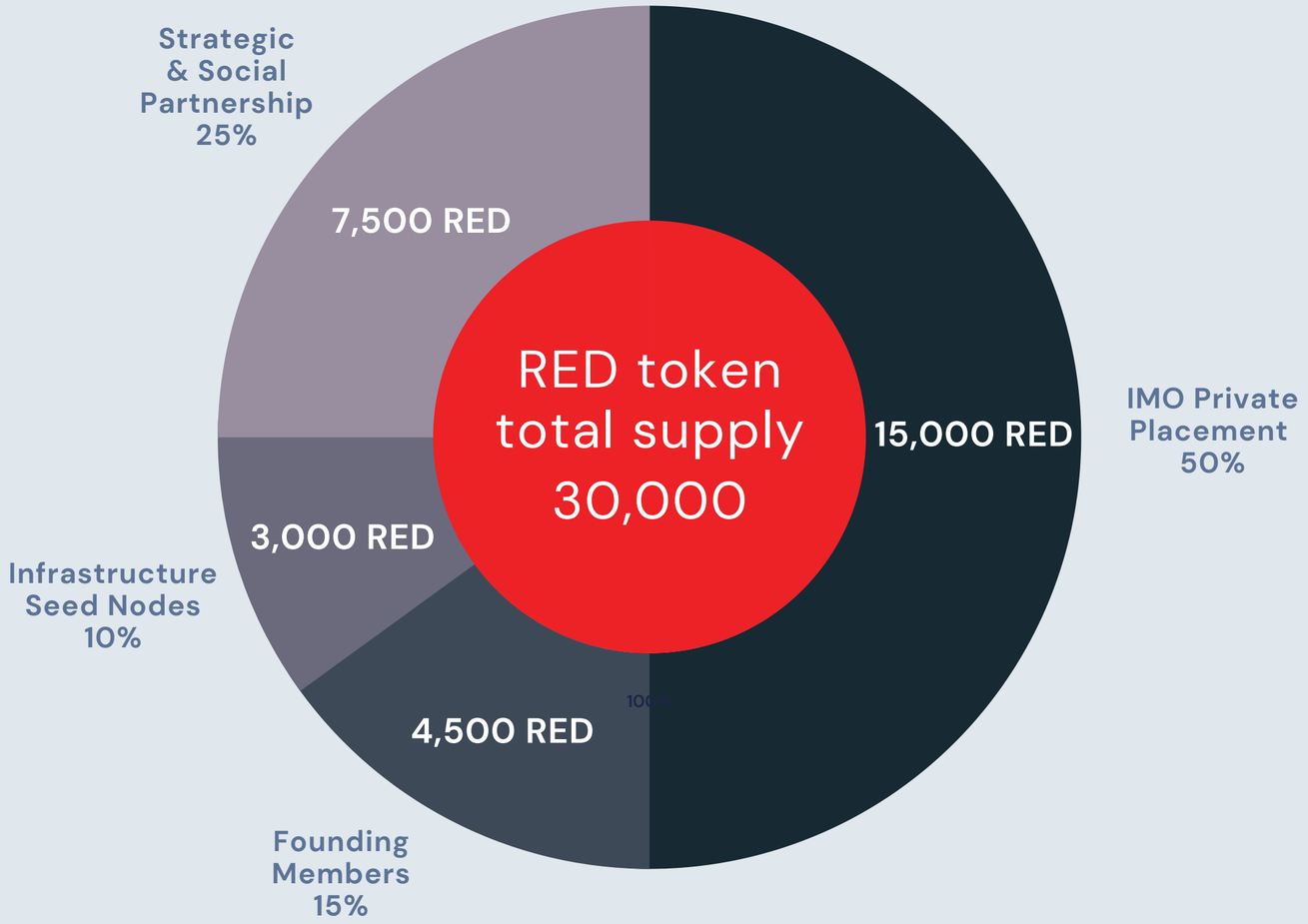
Nerijus Makselis
LATAM relations

Giedrė Bagdonavičienė,
Chief Operating Officer

Martynas Savickas
Business Integration Adviser

Simona Šimulytė,
Partner

Governance token - RED



Purpose of RED token

RED Token is blockchain governance and permission token of LARED Blockchain infrastructure. Consortium members have a right to hold RED tokens during the time of their membership.

RED Tokens can be used for voting at the Blockchain protocol level, staking and plays part in reward allocation for node operations (Pol - Proof of Importance).

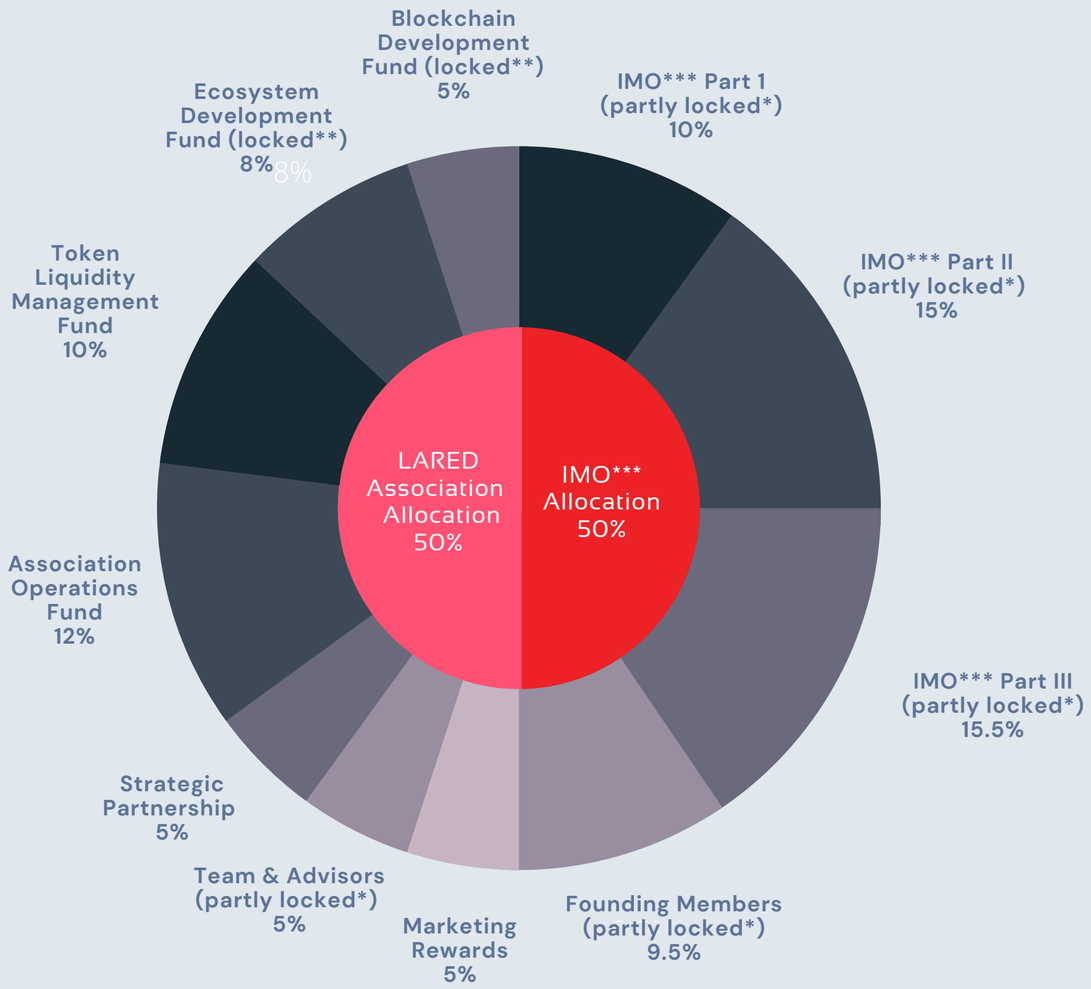
a
* RED tokens can't be transferred to the third party.
** Every member will have equal voting rights in the association no matter how many REDs they hold.

RED token requirements for Nodes & Infrastructure

- Harvesting Node requirement: 15 RED
- Finalizing Node requirement: 60 RED
- LARED Infrastructure 50 Seed Nodes: 3,000 RED

LARED Tokenomics - LRD

Initial LRD Token Supply
420,000,000 LRD



***IMO - Initial Membership Offering

Purpose of LRD token

LARED coin (LRD) is a digital asset classified as a utility as it doesn't give any right to perceive financial gain or any other portion of LARED association or its
infrastructure. LRD is a native LARED infrastructure token to manage all network fees for transactions initiated on LARED Blockchain.

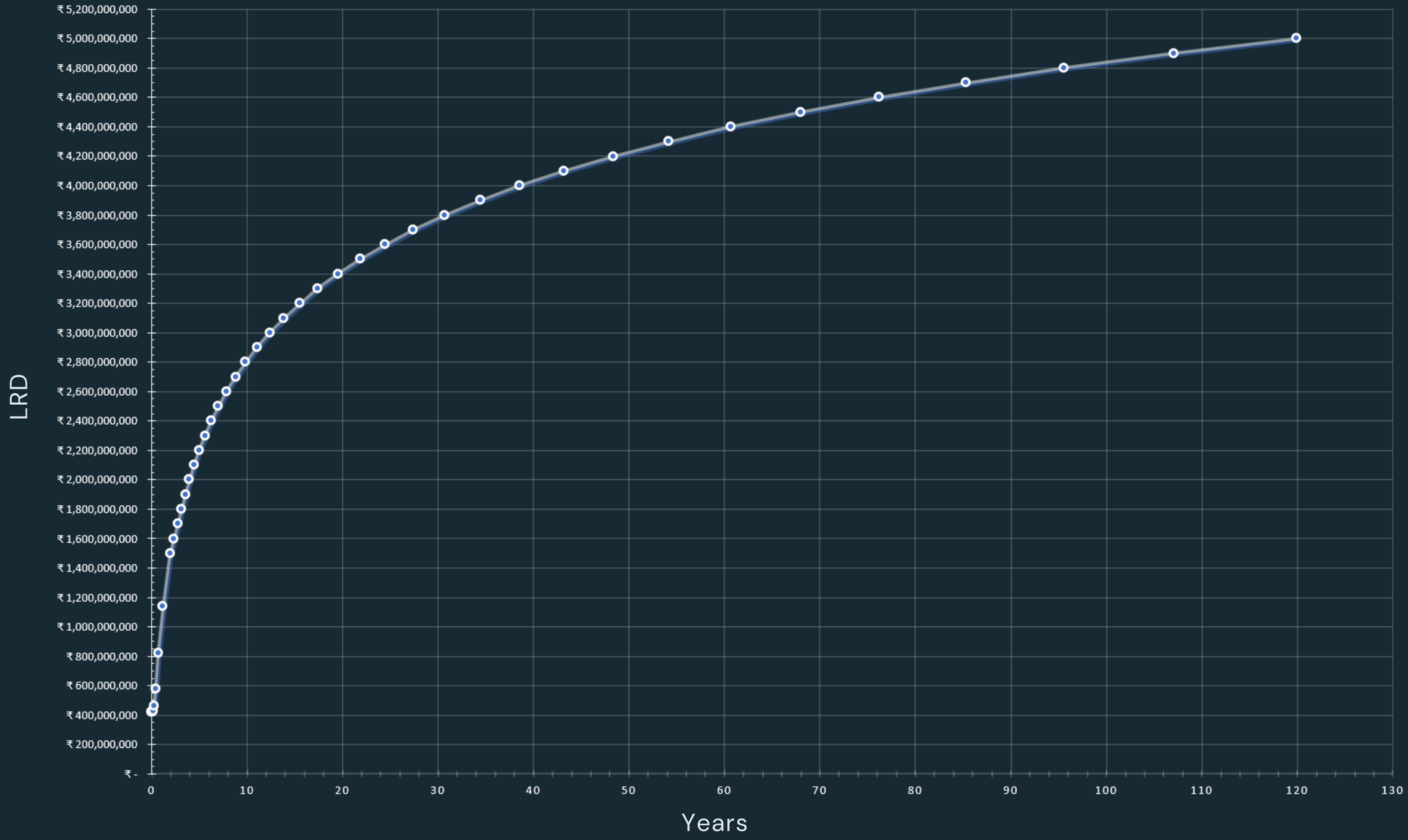
Partly locked, locked and unlocked LRD tokens

* Partly locked LRDs are locked for 3 years with 10% released every quarter

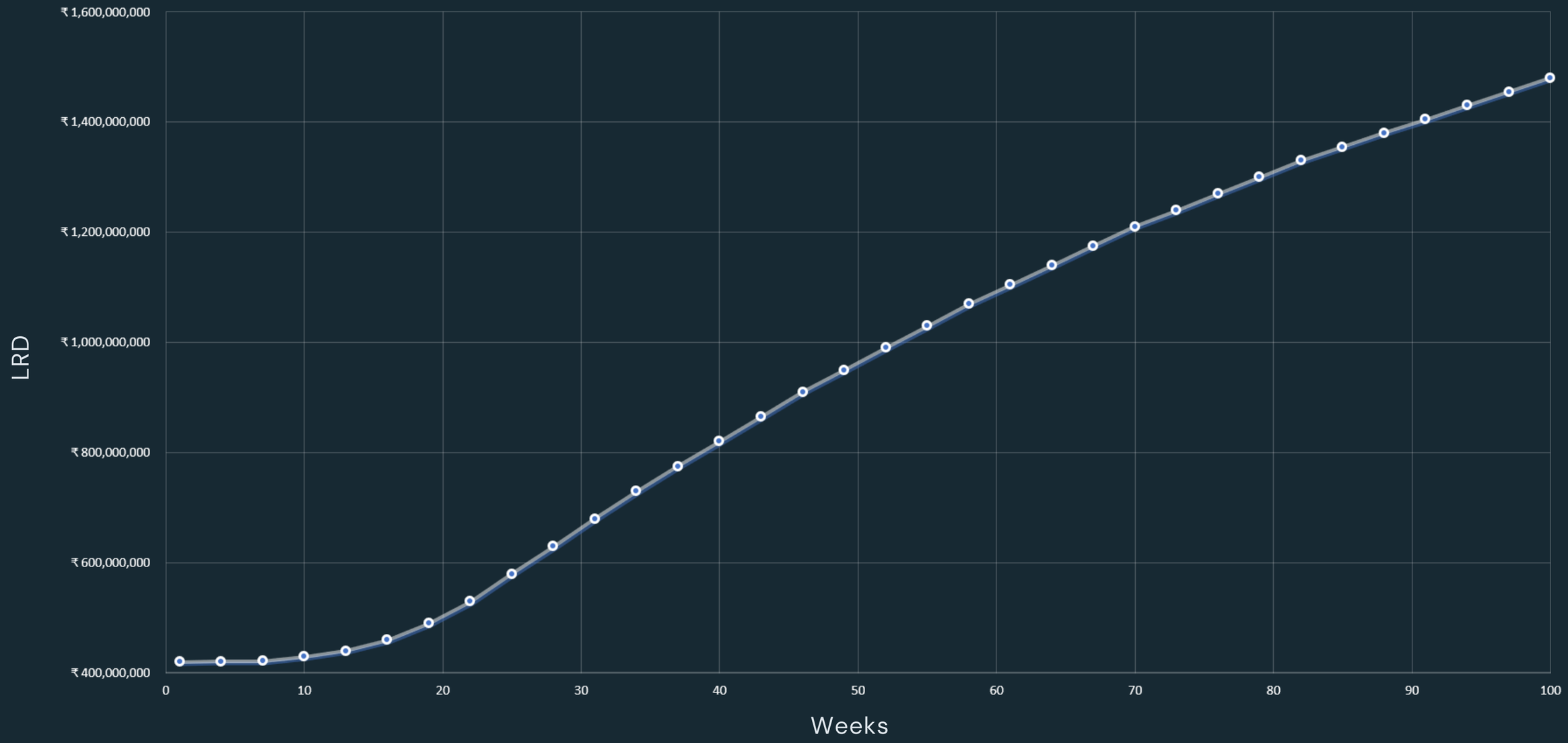
** Locked LRDs are locked for 3 years

LRDs allocated to Association to be used with Association board approval

LRD Inflation Mechanics (from launch date till end)
420M LRD – 5B LRD



LRD Total Supply (100 weeks from launch date)
420M LRD - 1.5B LRD



Initial Membership Offering (IMO)

PARTICIPANTS MUST GO THROUGH MEMBERSHIP COMPLIANCE PROCESS

- IMO Part I period – 2 months from initial launch (40% Bonus)
- IMO Part II period – 4 months after IMO Part 1 (15% Bonus)
- IMO Part III period – 3 years from the initial launch, starts after IMO Part II

Membership Fees and Rewards

	Small Enterprise <100 employees	Medium Enterprise 100-500 employees	Large Enterprise >500 employees
Annual Fee	3,000 CHF	5,000 CHF	15,000 CHF
Entry Fee	500 CHF	500 CHF	500 CHF
Rewards	3 RED 30,000 LRD	5 RED 50,000 LRD**	15 RED 150,000 LRD**
Additional Contribution* 1,000 CHF	1 RED	1 RED	1 RED

*valid for 3 years from initial launch

*one time reward



LARED

TRUSTED DIMENSION FOR ECONOMIES

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