



THE TESSERACT ACADEMY REPORT

## Tokenomics Audit for ReMeLife

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### About the Writers

#### **About the auditor Dr. Stylianos Kampakis**

Dr. Stylianos (Stelios) Kampakis is a data scientist and blockchain expert with more than 10 years of experience in technology. He has worked with decision-makers from companies of all sizes: from startups to organizations like the US Navy, Vodafone, and British Land. His work expands multiple sectors including in tech (fraud detection and valuation models), sports analytics, HealthTech, general AI, medical statistics, predictive maintenance, and others. He has worked with many different types of technologies, from statistical models to deep learning to blockchain and he has 2 patents pending. He was one of the first researchers in the area of tokenomics, as well as one of the first to create valuation models for NFTs. He is a member of the Royal Statistical Society, honorary research fellow at the UCL Centre for Blockchain Technologies, editor at the Journal of the British Blockchain Association, a data science advisor for London Business School and CEO of The Tesseract Academy. <https://www.linkedin.com/in/dr-stylianos-kampakis-ai-data-science-tokenomics/>

## About the Tesseract Academy

The Tesseract Academy is a London-based executive education and consulting organization that specializes in artificial intelligence (AI), data science, blockchain, and Web3 technologies. They offer services in AI and data science, including AI for decision-makers, AI project management, and data strategy. Their expertise also extends to blockchain and Web3, covering areas such as tokenomics, decentralized finance (DeFi), and blockchain development. Additionally, they support the full lifecycle of data science and AI implementation through software development. The Academy provides education and training through a range of courses, certifications, and coaching programs tailored for professionals and executives.

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## Executive Summary

The ReMeLife Ecosystem represents a transformative initiative at the intersection of healthcare, social care, and blockchain technology. Designed as a Web3-enabled platform, ReMeLife introduces a novel "care-to-earn" model that rewards individuals for engaging in caregiving and social support activities. This ecosystem is underpinned by a strong social impact mission, aiming to democratize the value of care, reduce social isolation, and empower underserved communities through digital and financial inclusion.

ReMeLife is structured around the principle that care—particularly informal and unpaid care—should be recognized and rewarded. The platform provides a suite of digital tools, including the ReMeCare app, which facilitates life story creation, remote engagement, and social interaction. These tools are designed to enhance the quality of life for care recipients while also supporting caregivers, both professional and informal.

At its core, ReMeLife is a social impact venture. It seeks to address systemic issues in the care economy by creating a decentralized, community-governed model—referred to as a "Careocracy." This model aims to shift the paradigm from centralized healthcare systems to a more inclusive, participatory framework where individuals are incentivized to contribute to the well-being of others. The platform also emphasizes data sovereignty, allowing users to retain control over their personal information and choose how it is shared or monetized.

# Blockchain, Cryptocurrency, NFT, and DeFi Components

The technological foundation of ReMeLife is built on a proprietary blockchain known as ReMeGrid, which operates on a Proof-of-Authority (PoA) consensus mechanism. This approach ensures low energy consumption and minimal transaction costs, aligning with the project's sustainability goals. The ecosystem is powered by the REME token, a utility token that serves multiple functions within the platform. Users can earn REME tokens by participating in care-related activities, engaging with the platform's tools, or contributing to community initiatives. These tokens can be used to access premium services, participate in governance, or be saved and invested through the platform's decentralized finance (DeFi) features.

ReMeLife introduces a unique concept called "CareFi"—a DeFi model tailored specifically for the care economy. CareFi enables users to plan for future care needs, invest in care-related services, and participate in a decentralized autonomous organization (DAO) that governs the platform. This DAO structure ensures that the community has a direct voice in the evolution of the ecosystem, reinforcing the project's commitment to decentralization and user empowerment.

While NFTs are not a central component of the platform, they are envisioned as tools for digital identity and memory preservation. For example, users may create NFTs representing life stories, achievements, or personalized care experiences, adding a layer of emotional and historical value to the digital care environment.

## The Purpose of this Report

Following stakeholder consultation, this report is intended to assess the ReMeLife ecosystem tokenomics model and validate ReMeGrid's technical architecture and tokenomics model.

It highlights the strategic transition from blockchain to Convex Lattice Grid infrastructure.

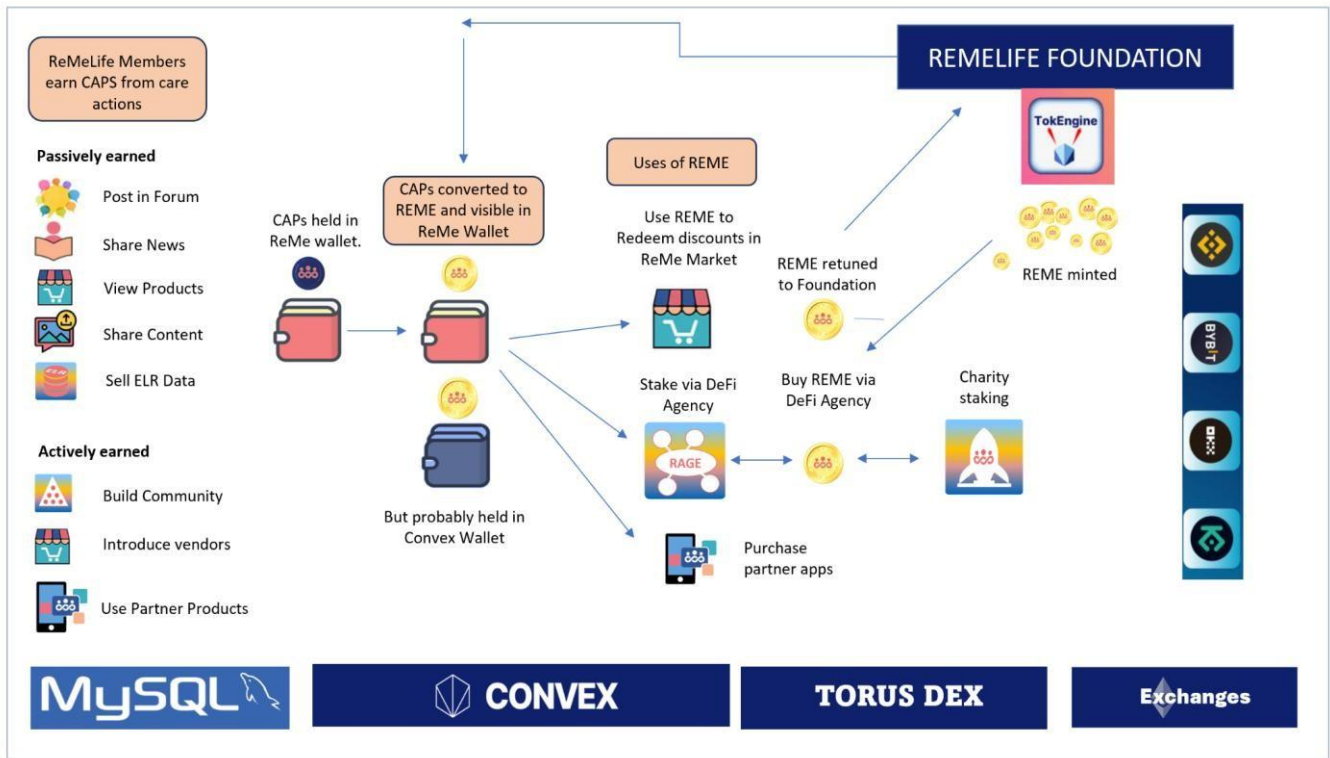
Key proposed updates include enhanced security protocols, optimized micropayment capabilities, and a refined token conversion mechanism.

Reference data and modelling are provided in the Appendix of this document.

## Tokenomics Analysis

### Tokenomics Ecosystem Overview

The following diagram shows the user pathway from using the ReMeLife token rewarded apps to their minting from the Convex TokEngine. For further tokenomics foundation data, view Appendix.



## Key Gaps & Feedback-Loop Risks

### Unlimited CAP Inflation

Care Action Points (CAPs) are accumulated as data points stored in a MySQL database, earned through user activities within the ReMeLife ecosystem. These points do not require a tokenomics strategy or a capped supply because they exist purely as off-chain data.

CAPs are converted into REME tokens through an algorithmic conversion process, where the exchange rate dynamically adjusts based on the existing REME supply and market price. This mechanism incentivizes timely conversion, as delaying leads to diminishing returns.

Additionally, the conversion process will feature gamified elements designed to encourage users to retain REME tokens and engage with decentralized finance (DeFi) opportunities such as staking, loans, and premium marketplace services. The ReMe Wallet will regularly introduce special offers and engaging activities, enhancing user interaction, and rewarding participation in care-related actions.

### Unanchored REME Minting

The convex release curve, algorithmically governed, matches actual demand to prevent market oversupply and price deflation. The token sale price follows the formula:  $Price = 100 * X / (1 - X)$ , where X represents the proportion of tokens released. This price is set independently of the market price.

The curve is primarily utilized during the pre-sale phase. After the pre-sale, tokens will be distributed to exchanges to support ongoing development. Future deployments of the release curve may occur, particularly after establishing the Foundation, to raise additional funds,

initially targeting existing members. The smart contract ensures precise alignment of minting with demand, thereby preventing oversupply and concluding at the predetermined exchange launch price.

## Insufficient On-Chain Sinks

REME's tokenomics effectively manage token circulation and value retention through multiple strategic mechanisms:

- **Real-World Utility & Redemption:** REME tokens provide discounts on high-value services like surgeries and healthcare subscriptions. Tokens spent are either burned or recycled through partner organizations, creating a sustainable, closed-loop system.
- **High-Value Transactions:** Members incentivized to purchase REME tokens to benefit from substantial savings, driving token demand and supporting Treasury operations to burn or recycle tokens.
- **Controlled Off ramping:** Smart contracts manage REME-to-fiat conversions, maintaining market stability and preventing large-scale token sell-offs.
- **High Token Velocity:** Active transaction flow generates revenue for the Foundation, transparently tracked on the Convex Lattice Grid, supporting sustained value capture.
- **Supply Management:** Recycling tokens through node holders, charities, insurers, and corporate partners minimizes inflation, promotes ecosystem growth, and expands token utility.
- **Holding Incentives:** Staking rewards and expanded utility, including voting rights and exclusive services, encourage long-term token retention.
- **Transaction Fees:** Fees from transactions within the ReMeGrid reduce circulating supply by returning REME tokens to the Treasury.
- **Strategic Partnerships:** Collaborations with charities and insurers offer additional discounts, enhancing REME's real-world utility and perceived value.
- **Additional Mechanisms:** Subscription models, buybacks, staking incentives, and transaction fees further strengthen demand and reduce supply, supporting REME's sustained value appreciation.

Collectively, these mechanisms create a robust framework designed to sustainably enhance REME's value, manage supply effectively, and encourage ecosystem growth.

## One-Way CAP → REME Flow

Once converted from CAPs to REME, there is no mechanism to revert back to CAPs. This design encourages users to convert CAPs promptly, optimizing exchange rates. Long-term holders have several incentives to remain engaged, including:

- **Staking:** Earn yields through token staking.
- **Foundation Revenue Sharing:** Receive ongoing returns from transparent Foundation revenues.

- **Tech Usage Discounts:** Benefit from exclusive service discounts.
- **Social Impact:** Participate in socially beneficial activities, enhancing personal and community value.
- **Strategic Ecosystem Growth:** Increased utility from partnerships with organizations like Acibadem, Pingbit, and other charities and insurers, which utilize REME for rewards and discounts.

## LUKI AI token connection

The suite of AI tools (as defined in <https://github.com/ReMe-life>) will use the LUKI AI token. As a utility token, it will have value within the ecosystem, and will have convertibility based on market rates, via exchanges and/or the Tokengine that will be at the heart of the ReMeLife agency (RAgency) that is accessible via the members wallet. Its nature will be defined purely by market demand courtesy of its exchange listed nature.

## Disconnected UBI (RUBI) Funding

The RUBI payout mechanism is managed via Foundation-administered smart contracts that are algorithmically linked to defined ecosystem metrics such as user engagement, transaction volume, or revenue generation.

This ensures that RUBI distributions scale directly with the ecosystem's health and growth, providing transparency and fairness. The smart contract-based governance, complemented by community consensus, ensures ongoing alignment between the Foundation's distributions and the broader community's expectations and ecosystem performance.

## Weak Governance Incentives

REME holders get discounts and staking yields, but active participation in proposals and votes should also be rewarded.

## Static Staking Yields

Fixed DeFi rewards can become uncompetitive or unsustainably generous as TVL and market rates shift. This needs to be carefully addressed.

## Resilience Table

The following exhibits the resilience of the project tokenomics.

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### Resilience Table

Issue	Feedback-Loop Risk?	Missing/Review Sink?	Requires Review?	Minimal-Launch Recommendation
1. Unlimited CAP inflation		Missing sink	Review CAP rate	<b>Cap &amp; decay:</b> Introduce a sm per-action CAP fee or daily automatic burn to cap growth.
2. Unanchored REME minting		Review faucet	Review curve	<b>Auto-adjust curve:</b> Tie mint rate to on-chain demand metrics (e.g. staking TVL or market depth).
3. Insufficient REME sin	— on-chain	Missing sinks	Review utility	<b>Add sinks:</b> Implement protocol fees (e.g. 1% of transactions burned), periodic buybacks for treasury.
4. One-way CAP → REME flow		—	Review UX	<b>Bidirectional:</b> Allow tiny REME→CAP conversions at a less favourable rate to keep holders active.
5. Disconnected RUBI funding	—	Missing sink	Review source	<b>Revenue-link:</b> Allocate a fixe % of marketplace fiat revenue into an on-chain RUBI pool each quarter.
6. Weak governance incentives	—	Missing sinks	Review model	<b>Gov rewards:</b> Mint micro-CA or LUKI per vote/proposal participation to close the engagement loop.
7. Static staking yields		—	Review APR	<b>Dynamic APR:</b> Algorithmically boost yields when TVL < target, taper when TVL high.

## Minimal-Launch Tokenomics (Resilient V1)

Members are incentivized to convert Care Action Points (CAPs) into REME tokens promptly, as early conversion yields a better exchange rate via the algorithmic process. Additionally, a

small CAP maintenance fee per action and daily automatic burning of idle CAPs ensure continual management of supply.

Gamification of the CAP-to-REME conversion process has been proposed, offering members opportunities to either earn additional REME or participate in token burning. In either outcome, tokens are effectively removed from circulation, either through direct burning or subsequent spending within the ReMe Market, driving revenue and reducing token supply.

### Simple REME Schedule

An initial hard-cap mint of 10 million REME tokens is planned, with emission administered via a smart contract over a 12-month period. The emission schedule is structured with fewer tokens released initially, progressively increasing towards the end of the period. Team compensation in REME is calculated based on documented hourly rates and work completed, aligning team incentives directly with the project's growth and token value appreciation.

VESTING SCHEDULE														
	Price	Discount	M-13	M-14	M-15	M-16	M-17	M-18	M-19	M-20	M-21	M-22	M-23	M-24
Developer Teams	£0.050	50%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Management & Staff	£0.050	50%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Marketing, Legal, etc	£0.050	50%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Phase 1 - Friends & family	£0.050	50%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Seed Round 1	£0.050	50%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Seed Round 2	£0.070	30%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%
Seed Round 3	£0.080	20%	3%	4%	5%	6%	7%	8%	9%	10%	10%	11%	12%	15%

### Maximum Supply

It is considered that Convex's own model of a convenient number, of a 1 billion maximum supply is appropriate, in that it makes calculation easy and is appropriate for investors.

### Core Sinks:

The following is proposed.

1% burn on every REME redemption in ReMe Market.

1% protocol fee on CAP→REME conversions, added to a buyback-and-burn pool.

### Bidirectional Flow:

A limited REME-to-CAP conversion at twice the CAP-to-REME conversion rate will be enabled to maintain user engagement while preventing potential abuse. The current wallet algorithm calculates total value as:

$$\text{Total Value} = (\text{Total CAPs} / \text{Conversion Rate}) \times \text{Launch Price}$$

For instance, converting 1000 CAPs:

- $\text{REMEs} = 1000 / 6.028 \approx 165.89 \text{ REMEs}$
- $\text{Total Value} = 165.89 \text{ REMEs} \times \text{£}0.10 = \text{£}16.59$

## **ReMe Market commission sharing**

A commission-sharing model will allocate approximately 2.5% to the member introducing a vendor to ReMeLife (5% if the vendor is a charity or corporate entity), with an additional 0.5% going to the secondary introducer (the introducer's introducer). The remaining balance will be directed quarterly to the Foundation for RUBI distributions. Further analysis is required to finalize the commission distribution, including considerations for fiat, REME tokens, or a combination, with possible locking periods.

### **RUBI Pool**

To facilitate efficient distribution, 5% of fiat commissions each quarter will be automatically directed into a RUBI-distribution smart contract.

### **Governance Micro-Rewards**

Members will receive a micro-reward of 1 REME token per on-chain vote, claimable once per governance proposal.

### **Adaptive Staking APR**

Staking begins at an 8% annual percentage rate (APR), automatically adjusting  $\pm 2\%$  monthly based on overall staking utilization.

### **Data Monetisation**

With member permission, Electronic Life Records (ELR) will be monetized via Ocean Protocol or comparable, compensating participating members directly.

### **Comparables**

Successful models such as Sweatcoin will be analysed to understand their strengths and weaknesses, supporting informed development.

### **User Interface**

The ReMeLife user interface will prioritize simplicity and ease of use, with crypto components gradually introduced. The primary user experience will revolve around trading REME tokens for product discounts within the ReMeMarket, keeping the crypto mechanisms accessible but not intrusive to users unfamiliar with digital currencies.

# Lean version

The following is a proposal that will enable early launch, and a phase based growth plan

This pared-down design embeds the critical feedback loops and sinks on-chain from day one — capping runaway supply, anchoring token value, and continuously re-engaging your community without waiting for full DAO/Foundation tooling.

## Purpose of This Document

This brief captures the **minimum-viable token design** ReMeLife can deploy immediately while avoiding complex feedback loops. It:

- fixes total supply and all major parameters up-front (no dynamic mint curves);
- delivers clear incentives for early adopters (15 % APY staking with lockups);
- embeds two simple burn sinks to start capturing value from day one;
- leaves advanced mechanics (RUBI UBI, governance rewards, adaptive APR, bonding curve fund-raising) for **Stage 2**.

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## 1. Token Overview

<u>Item</u>	<u>Value / Description</u>
<b>Ticker</b>	REME (Convex CAD-02 utility token)
<b>Total supply (fixed)</b>	<b>1 000 000 000 REME</b> minted at T (Token Generation Event)
<b>Off-chain reward points</b>	CAPs (Care Action Points) – unlimited MySQL datapoints, burned on conversion
<b>Flat conversion rate</b>	10 CAP → 1 REME
<b>Primary utilities (Phase 1)</b>	<ul style="list-style-type: none"><li>• Vendor discounts (ReMe Market)</li><li>• Staking yields (RAGE)</li><li>• Charity gifts</li></ul>
<b>Primary sinks (Phase 1)</b>	<ul style="list-style-type: none"><li>• 1 % burn on every market redemption</li><li>• 1 % “buyback fee” on CAP→REME</li></ul>

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## 2. Granular Supply Allocation

Bucket	REME Tokens	Vesting / Unlock		Rationale.
<b>A. Investors (500 M)</b>	500 000 000	Linear 12 mo	after cliff	Capital for development, liquidity & marketing; one-year vest aligns with project build-out.
• Seed / Friends-&-Family	100 000 000	Linear 12 mo	Highest	risk, deepest discount (≈50 %).
• Strategic / Private A	150 000 000	Linear 12 mo	Tech/ health-sector partners;	moderate discount (≈30 %).
• Private B / Public Pre-Sale	200 000 000	Linear 12 mo	Wider community; light	discount (≈15 %).
•Liquidity Provision*	50 000 000		100 % at TGE	Seed DEX/CEX order books; paired with ETH/USDC.
<b>B. Team &amp; Advisors</b>	200 000 000	Linear 18 mo	Long dated release maximises	retention.
• Core founders	100 000 000	Linear 18 mo		

• Employees & future hires	70 000 000	Linear 18 mo	HR pool for 2-year runway.
• Advisors	30 000 000	Linear 12 mo	Subject-matter experts, KOLs
<b>C. Ecosystem Treasury</b>	300 000 000		Staged unlocks (see below) Fuels marketplace incentives, grants, staking rewards & Strategic reserves.
•Marketplace Liquidity & MM	100 000 000		40 % at TGE, then 15 % every 3 mo Maintains healthy depth on ReMe Market & exchanges.
•Partnership / tranches	100 000 000	25 % at TGE, corporate integrations.	Attracts app, charity & Grant Vault quarterly
• Staking Reward Pool (Year 1)	60 000 000		Streamed monthly over 12 mo Covers 15 % & 10 % APY lockups.
•Treasury Reserve	40 000 000		DAO-controlled; future burns, buybacks, listings Strategic buffer.

\* If less liquidity is required at TGE, the excess can be re-routed to the Treasury Reserve.

### 3. CAP → REME Conversion (Phase 1)

- Flat 10 : 1 ratio keeps UX trivial.
- All CAPs are **deleted in the database**; nothing touches the chain.
- Smart-contract charges **1 % fee** → Treasury “buyback-and-burn” sub-pool.

#### Why flat rate?

Early members understand exactly how many REME they’ll receive, removing price impact guesswork until the ecosystem matures.

### 3. Staking (RAGENCY) – Fixed APY with Lockups

Product	APY (paid monthly)	Early Exit Penalty	Max Pool Size*
			200 M REME
<b>Stake 6 m</b>	15 %	2 % principal → burn	
<b>Stake 3 m</b>	10 %	1 % principal → burn	150 M REME

**Flexible Stake 5 %** — Unlimited (lower APY)

\*Hard caps ensure the 60 M reward pool suffices for Year 1. If pools fill, DAO can open additional tranches in Stage 2.

#### Justification

- 15 % headline rate is eye-catching but gated behind a 6-month lock; burn penalty discourages early dumping and adds a mild deflationary sink.
- Fixed-rate design avoids oracle dependence or complex APR curves for launch.

### 5. Initial Sinks & Fees

Event	Destination	Purpose
	Burn address	Continuous supply reduction.
<b>Market Burn</b>		
<b>Redempt</b>		
<b>CAP→REME Conversion Fee</b>	Treasury sub-pool	Periodic buybacks & burns.
<b>Staking Early Exit Burn</b>	Burn address	Penalises churn, deflates supply.

These sinks alone could burn ~3–5 % of circulating REME in Year 1 under moderate adoption assumptions (model available on request).

## 6. Liquidity & Listings Strategy

1. **DEX launch (Convex / Torus)** at TGE using the 50 M liquidity allocation (paired with ETH & USDC).
2. **First CEX target** (e.g. KuCoin) once 30 days of clean price history and  $\geq$ \$2 M daily volume reached.
3. Treasury mandates minimum 9-month runway worth of fiat/USDC regardless of buybacks.

## 7. Why These Choices? (Design Rationale)

Design	Reasoning / Benefit
<b>Fixed 1 B supply</b>	Easy mental math, aligns with Convex defaults, leaves headroom for future burns instead of mints.  Matches capital raise target (~£5–10 M) without over dilution; lockups prevent instant selloffs.
<b>50 % investor pool</b>	
<b>High-APY but locked staking</b>	Rewards conviction holders, caps reward emission cost via pool size, stabilises float.
<b>Simple 1 % burns</b>	Transparent, easily auditable, creates instant value capture without tokenomic complexity.
<b>Treasury buyback pool</b>	Gives Foundation a hands-on price-support lever but with tokens already collected as fees.
<b>No dynamic curves (yet)</b>	De-risks launch, sidesteps auto-mint bugs, and speeds up smart-contract audit.

## 8. What's Not in Scope (Stage 2 Roadmap)

<b>Deferred</b>	<b>Reason for Deferral Feature</b>	<b>Key Tasks Remaining</b>
<b>RUBI (Universal Basic Incentive)</b>	Needs DAO + on-chain revenue tracking	Define % of fiat commissions, REME mint, build distributor.
<b>Governance Vote Rewards</b>	Requires DAO deployment & snapshot integration	Decide reward size, anti-sybil checks.
<b>Dynamic APR / Utilization Curve</b>	Adds complexity & oracle risk	Model utilization bands, write & audit variable-rate contract.
<b>TokEngine Bonding Curve Sales</b>	Only needed for future fund-raises	Specify slope & hard caps, DAO vote to activate.
<b>Bidirectional REME↔CAP</b>	Low near-term UX value	Design second conversion contract, anti-abuse limits.
<b>Bridges &amp; Wrapped REME</b>	Post-TGE exchange priority	Finalize ERC-20 wrapper, audit bridge, co-list on L2s.
<b>Gamified CAP→REME “Transformer”</b>	Cosmetic UX booster	Build front-end mini-games, link to converter contract.
<b>LUKI→REME “Conversion”</b>	Increases community	Requires Solana bridge.

## Conclusion

Our evaluation of the principles of the ReMeLife ecosystem as a platform for supporting the world of care and our audit of the proposed tokenomics model that underpins its social impact intent, has concluded that if the modifications that we have proposed are adopted, then it represents a robust system, that

- is compatible with the Convex Word lattice grid decentralised structure
- can be enabled for current regulatory compliance
- offers the necessary elements of such a proposed ecosystem, including,
- security, scalability, integration of later stage functions, such as DeFi and NFT's

# APPENDIX

The following is part of the reference material provided to Tesseract to enable them to audit and enhance the ReMeLife ecosystem and tokenomics model.

## ReMeLife Tokenomics Strategy Document

### Index

1. Executive Summary
2. Introduction and Context
3. CAPs, REME, LUKI and the Multi-Chain Model
4. Conversion Gateway Mechanics (RAgency TokEngine)
5. REME Holding Ceiling & Offramp Model
6. Token Recycling: Staking, Charities, Corporates
7. Market Behaviour & Price Dynamics
8. Win: Win Stakeholder Framework
9. ReMeLife Foundation (DAO) Strategy
10. Risks & Considerations
11. Strategy Rationale: Multi-Chain Expansion of LUKI
12. Build Requirements & Implementation Notes
13. Conclusion
14. Reference Links

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### 1. Executive Summary

This document outlines a strategic, sustainable tokenomics model for the ReMeLife platform, integrating CAPs (Care Action Points), the REME (CAD20) utility token, and LUKI tokens launched on Solana (SPL) and Ethereum (ERC20). It explores the mechanics of CAP-to-REME conversion, multi-chain LUKI-to-REME bridging, the RAgency conversion gateway, staking mechanisms, DAO design, and real-world care economy incentives.

The structure emphasizes a unique recycling model that promotes price stability, community growth, and DAO revenue via commissions from the ReMe Market.

This framework serves as the foundation upon which all future tokenomics modelling, validation, and testing will be based for ReMeLife's ecosystem components—including the ReMe Market, ReMeFi (DeFi suite), staking/node operations, and the ReMeLife Foundation DAO.

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## 2. Introduction and Context

ReMeLife seeks to redefine the care economy by tokenizing care activities and creating financial, social, and healthcare value through a decentralized, user-governed system.

The core utility tokens in the ecosystem are:

- **CAPs**: Non-blockchain activity points earned by users for completing care-related tasks.
- **REME**: A blockchain-based utility token used to redeem real-world discounts and benefits.
- **LUKI**: An exchange-listed token on Ethereum and Solana used to onboard new users and bridge value into the ecosystem.

CAPs can be algorithmically converted into REME via the TokEngine. LUKI tokens can be swapped into REME via bridges and the RAgency gateway.

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## 3. CAPs, REME, LUKI and the Multi-Chain Model

- **CAPs**: Off-chain data points stored in user profiles, earned via care interactions on ReMeLife apps.
- **REME**: Native CAD20 token on the Convex Grid; the sole utility token within the ReMe Market.
- **LUKI(ETH/SOL)**: On-chain utility token designed for acquisition and bridging across chains.

### Utility Flow:

- **CAPs** → **REME**: Algorithmic conversion based on market supply and token price, incentivizing early engagement.
- **LUKI** → **REME**: Conversion via bridge and smart contracts in the TokEngine.
- **REME Usage**: Enables access to high-value discounts and products in the ReMe Market.

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## 4. Conversion Gateway Mechanics (RAgency TokEngine)

- Users swap:
  - **CAPs** → **REME** via a smart contract with dynamic exchange rates.
  - **LUKI** → **REME** using live exchange prices and a swap contract.
- TWAP oracles ensure consistent pricing.
- REME is issued only for platform usage—no arbitrage or resale benefits.
- CAPs are burned upon conversion, ensuring supply control.

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## 5. REME Holding Ceiling & Offramp Model

- Maximum REME balance per wallet: e.g., 1000 REME.

- Amount above ceiling (e.g., 500 REME from 1500 total) can be off ramped to fiat or other tokens.
  - Off ramping triggers treasury tracking and price monitoring.
  - This mechanism reduces speculation and promotes ecosystem reinvestment.
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## 6. Token Recycling: Staking, Charities, Corporates

- REME used in purchases is either:
    - Burned permanently.
    - Recycled via the DAO into:
      - **Charity onboarding campaigns** (e.g., Parkinson's UK).
      - **Corporate employee reward programs.**
      - **Node staker distributions.**
  - Recycled REME is gifted to new members, who then use it to buy ReMe Market goods, restarting the value loop.
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## 7. Market Behaviour & Price Dynamics

- CAPs are created through user activity but limited in on-chain impact by conversion rate. Therefore they are uncapped in volume, being MySQL database held points, that are convertible to REME from within the ReMe Wallet RAgency module.
  - LUKI inflows are priced at real-time rates with spread protection.
  - REME's use as the sole redemption token creates consistent demand.
  - Strategic sinks (burning, staking, gifting) balance new supply.
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## 8. Win: Win Stakeholder Framework

- **Members:** Earn CAPs, convert to REME, access discounts.
  - **Charities:** Receive referral rewards (5%) and expanded care resources.
  - **Corporates:** Onboard clients/employees with gifted REME.
  - **DAO:** Captures commission (15%) on all marketplace transactions.
  - **Referrers:** Earn passive 2% revenue share.
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## 9. ReMeLife Foundation (DAO) Strategy

The **ReMeLife Foundation** operates as a decentralized autonomous organization (DAO) that receives **all revenue** from the ecosystem (including commission, token sinks, and transaction fees). It is responsible for:

- Paying suppliers and ecosystem service providers.
- Funding ongoing ecosystem development and platform operations.
- Managing treasury allocations for staking pools, community growth, and grants.

### RUBI (ReMeLife Universal Benefit Incentive)

- Monthly surplus funds are distributed as REME tokens through the RUBI system.
- Structured as a **premium bond model**, where multiple members receive random but verifiable monthly rewards.
- Ensures regulatory compliance (non-taxable incentive vs. income).
- Incentivizes members to promote the platform and engage with care networks.

#### DAO Governance Features

- Key proposals voted on by members: new charity integrations, new market partners, product categories.
- Weighted voting rights: enhanced for node holders, charities, and major stakeholders.
- A **Managing Board** provides direction, ensures mission alignment, and operates within parameters approved by the community.

**Governance Philosophy** The governance structure is inspired by **early 20th-century Friendly Societies**, which enabled mutual support, healthcare pooling, and economic empowerment within communities. ReMeLife revives this spirit through digital cooperativism.

#### DAO Governance Model Recommendations

- **Quadratic Voting** for fairness.
- **Reputation Scores** to reduce plutocracy.
- **Proposal Escrows** to deter spam.
- **Stake-and-Vote** models to maintain aligned interests.

#### Positive Outcomes

- RUBI buybacks create upward REME price pressure.
  - Recycled REME sustains community expansion.
  - Governance ensures transparency and mission adherence.
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## 10. Risks & Considerations

- **CAP Inflation:** Controlled via decay, rate limits, and dynamic conversion ratios.
- **Oracle Manipulation:** Mitigated through TWAP and multiple exchange feeds.
- **Bridge Security:** Use LayerZero/Axelar or custom Convex-verified bridge.
- **Liquidity Fragmentation:** Minimized by focusing LUKI trade on ETH/SOL and locking REME utility in-app.
- **DAO Risk:** Requires active governance, delegation mechanisms, and Board oversight to prevent apathy or gridlock.

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## 11. Strategy Rationale: Multi-Chain Expansion of LUKI

Deploying LUKI on both Solana and Ethereum is, we consider a strategically sound decision because it allows ReMeLife to tap into two of the largest and most active blockchain ecosystems—Ethereum for its institutional DeFi infrastructure and broad liquidity, and Solana for its speed, low cost transactions, and strong retail adoption.

This dual-chain presence maximizes market accessibility, enables seamless onboarding of diverse user segments, and creates multiple fiat onramps for acquiring LUKI, which can then be converted to REME for in-ecosystem utility—driving both platform growth and token demand across chains.

### Why It's Strategic:

#### 1. Expanded Reach:

- Ethereum: Institutional and DeFi-ready.
- Solana: Efficient onboarding and retail adoption.
- Convex: Custom logic, speed, and internal DeFi stack.

#### 2. CAP → REME → Real Utility:

- Incentivizes behavioural engagement through care.
- Promotes reinvestment into the ecosystem.
- 

#### 3. LUKI as External Entry Point:

- Traded on open markets.
- Used for conversion into REME to gain product discounts.

### Recommendations:

- Deploy LUKI on ETH and SOL.
- Set bridge into ReMeLife via smart gateway.

- Enforce price integrity with oracles.
  - Use recycled REME to reward new users and mission partners.
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## 12. Build Requirements & Implementation Notes

- Smart contracts for:
  - CAP-to-REME conversion
  - LUKI bridging and burn/mint logic
  - REME staking and recycling
  - DAO-controlled treasury
- Backend:
  - MySQL database for CAPs
  - Oracle feeds (Chainlink, Pyth)
- UI:
  - Wallet dashboard, CAP history, conversion rate previews
  - Staking, voting, RUBI reward tracking

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## 13. Conclusion

This expanded tokenomics strategy integrates the off-chain CAPs incentive model with on-chain REME utility, cross-chain LUKI liquidity, and DAO revenue redistribution via RUBI.

The Foundation (DAO) not only governs the protocol but operates as a socially minded mutual aid system, echoing the Friendly Societies that powered early 20th-century community resilience.

With capped offramping, multi-chain entry, transparent governance, and behaviourally aligned incentives, ReMeLife presents, we believe, a compelling, mission-driven framework for tokenized care economies.

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## 14. Reference Links

- Tesseract Tokenomics Audit Report: Internal PDF
- GitHub: <https://github.com/ReMeLife>
- ReMeLife Official: <https://www.remelife.com>

- ReMeLife Web3 Portal: <https://www.remelife.io>
- LUKI AI Suite: <https://www.LUKi-ai.io>
- LayerZero Bridge Protocol Overview: <https://layerzero.network>
- Token Bridges Security Report (Chainalysis):  
<https://www.chainalysis.com/blog/bridge-hacks/>
- Multichain Tokenomics Primer by Binance Research:  
<https://research.binance.com/en/analysis/multi-chain>
- DAO Revenue Models in Practice – Bankless DAO Reports:  
<https://banklessdao.substack.com>
- DeFi Real-World Utility Case Study (Sweatcoin): <https://sweatco.in/token>