NPRO
/whitepaper

1. Introduction

1.1 Overview

NPRO is the utility token that enhances the capabilities of NEAR Mobile Wallet, offering users exclusive access to features that streamline and enrich their experience within the NEAR ecosystem. Its main goal is to grow the community and improve the features available for the community with a long-term vision, aligned with NEAR Protocol's broader objectives. Through a thoughtful tokenomics structure, NPRO ensures value creation for both users and stakeholders while simultaneously building a solid foundation for sustained liquidity and price growth.

NPRO serves as a bridge between advanced financial features and seamless usability within the blockchain landscape, empowering users to interact with NEAR Mobile in ways that were previously inaccessible. The long-term vision of NEAR Mobile and NPRO is to align closely with NEAR Protocol's core goals and principles—such as enabling chain abstraction, onboarding 1 million users with an easy-to-use wallet, delivering a familiar, intuitive design for all users, and supporting the protocol's exploration of intelligent agent systems.
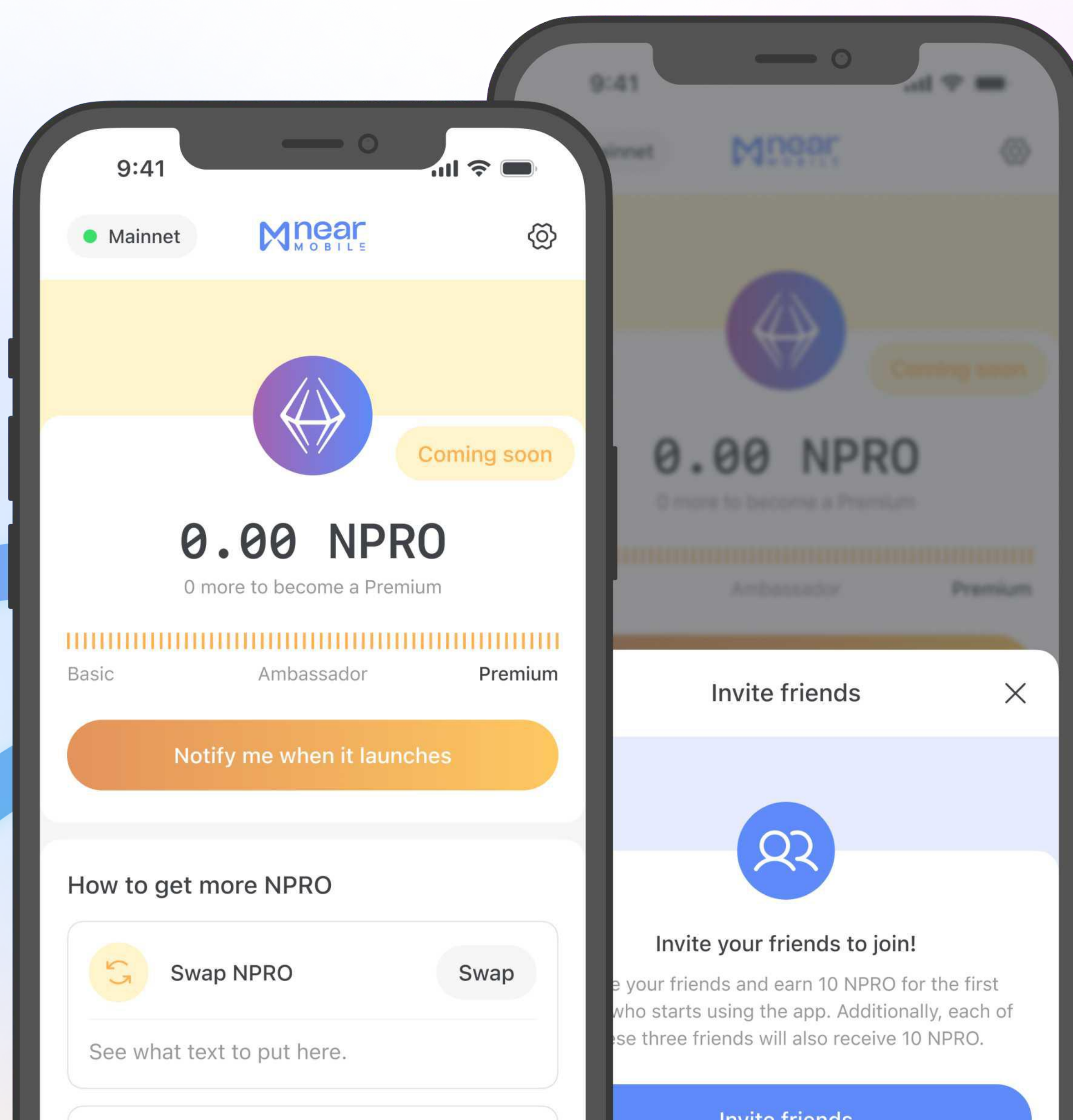
1.2 Key Features Supported by NPRO

NPRO unlocks and provides access to several premium features within NEAR Mobile, including:

- Advanced analytics tools for tracking portfolio performance.

- Price alerts for tokens and market activity.

- Multiple address management within the wallet for easy organization.

- Reduced swap fees.

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- AI chat agent for user support.

- Access to private support for personalized assistance.

- Exclusive themes and custom app icons.

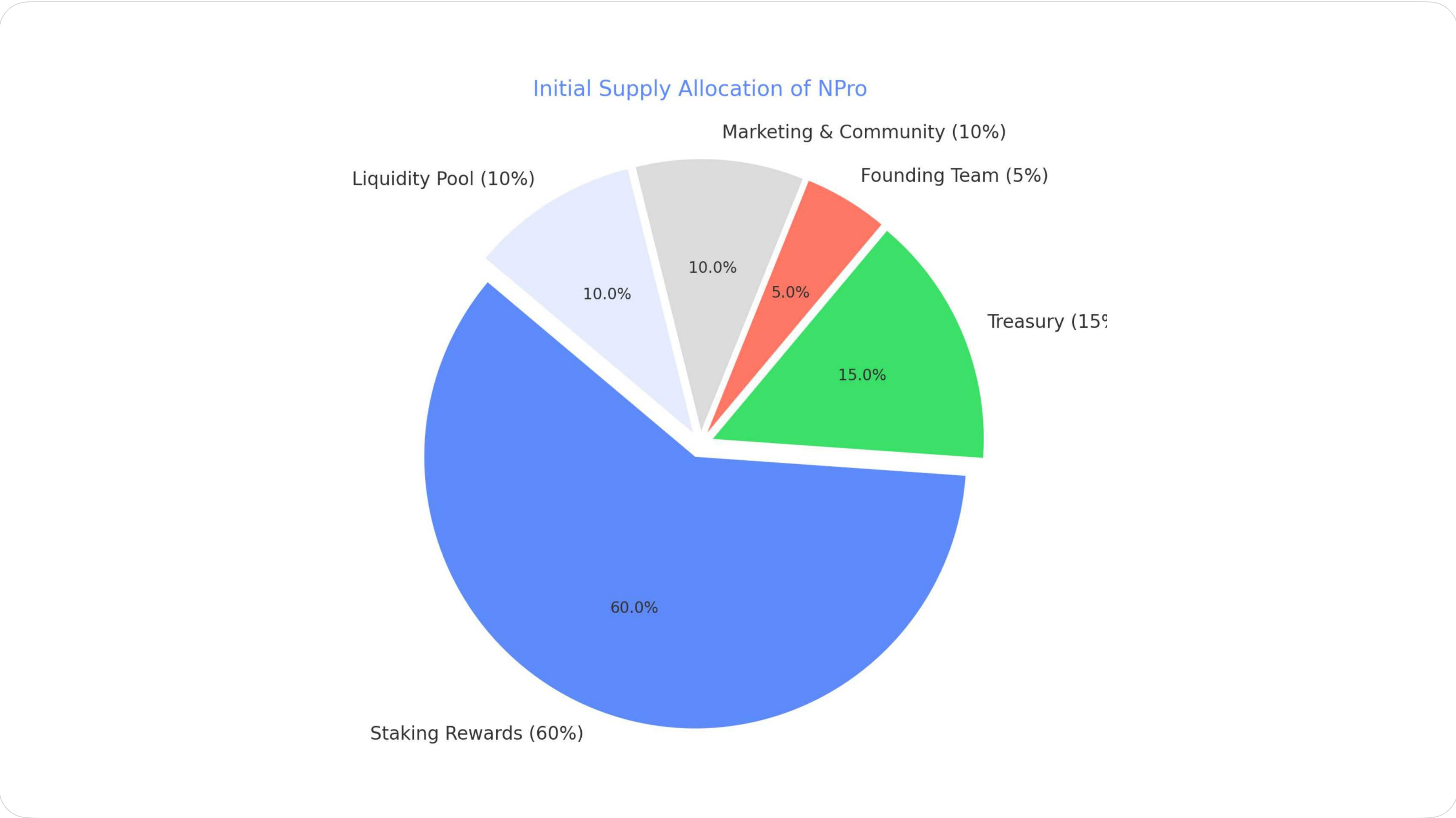- Fee-free staking for maximizing returns on assets.

These features will be accessible in several tiers based on the number of NPRO held in the wallet. They will be progressively released over the coming months with a long-term vision of becoming the reference in the NEAR Blockchain.

2. Token Mechanics

2.1 Initial Supply and Allocation

The initial supply of NPRO is 10,000,000 tokens and will be distributed over a 5-year period. This ensures a controlled release of tokens, helping to support sustainable growth. The allocation breakdown is as follows:
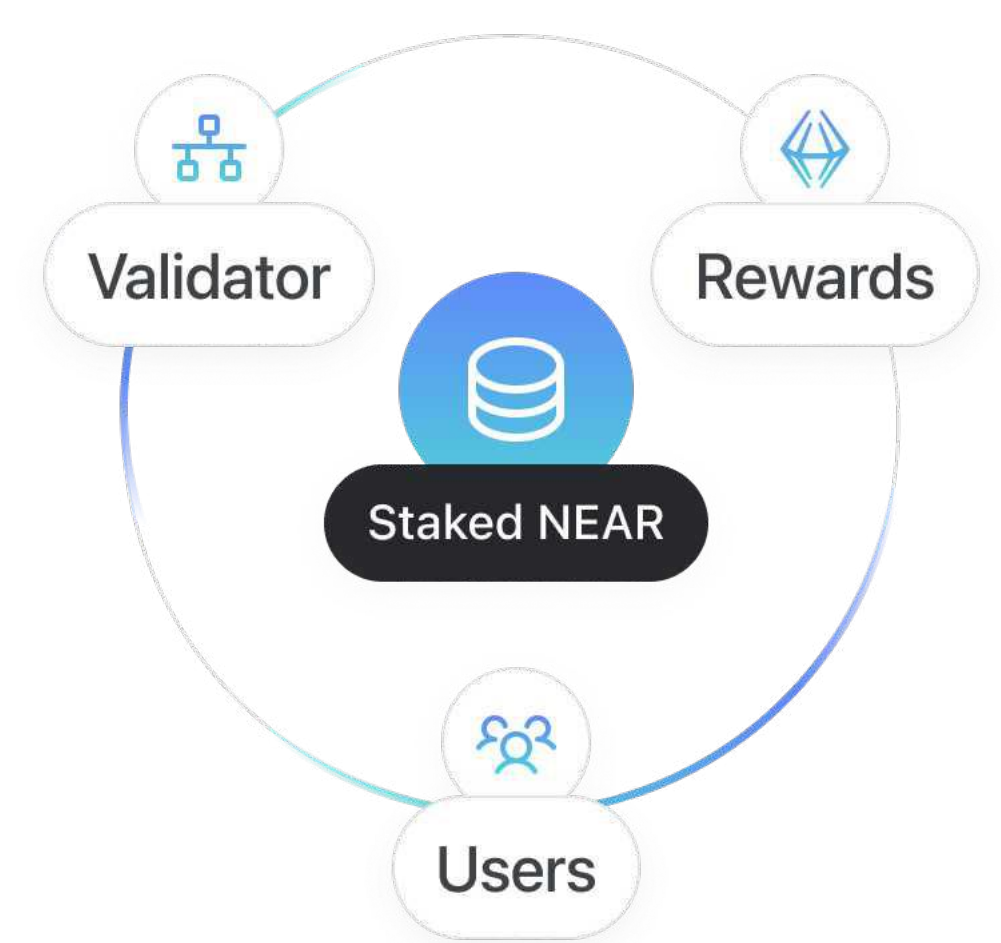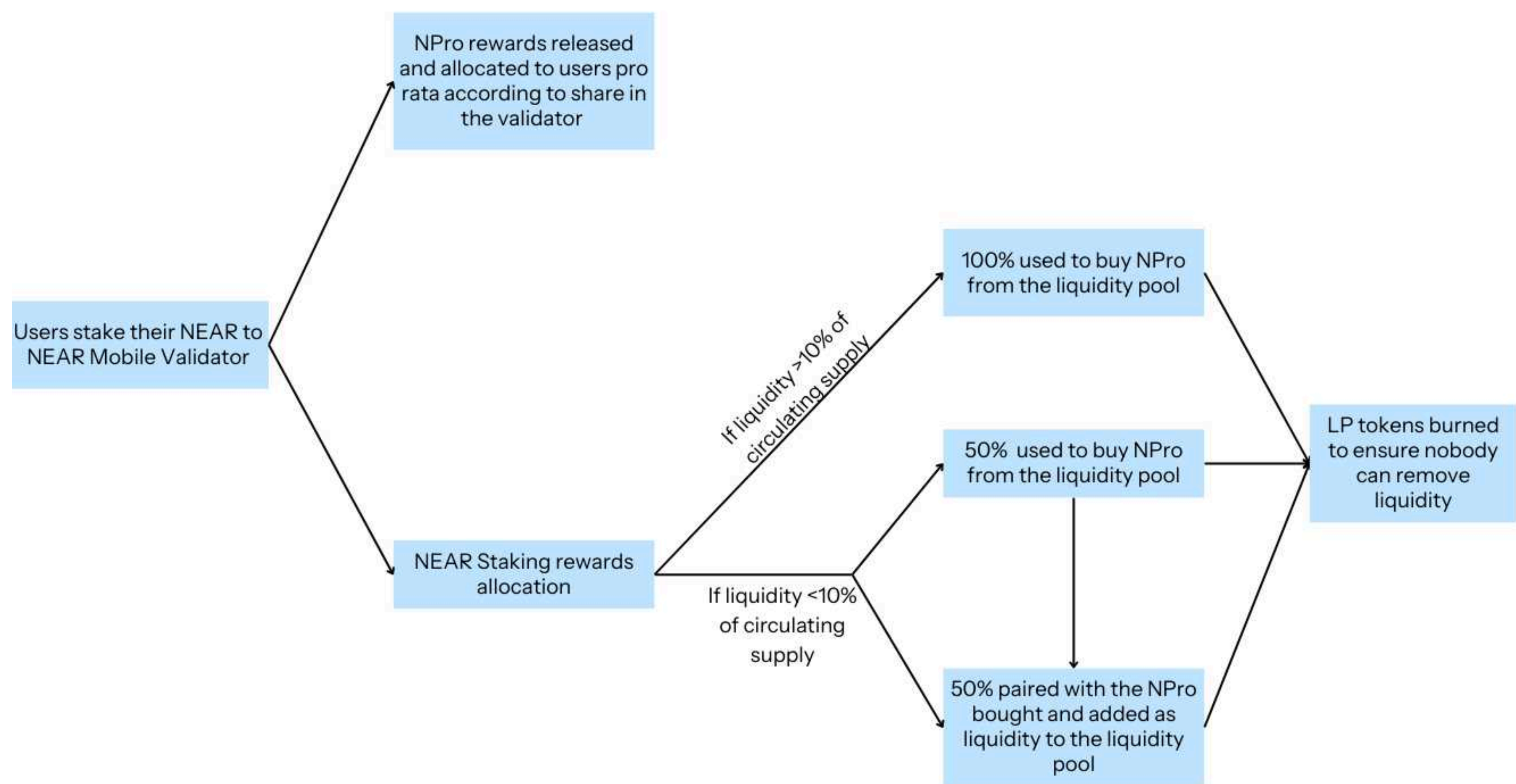
Initial Supply Allocation of NPro

Marketing & Community (10%)

Founding Team (5%)

Liquidity Pool (10%)

10.0%

10.0%

5.0%

Treasury (15%

15.0%

60.0%

Staking Rewards (60%)

- 🔵 **60% NPRO staking rewards:** 60% of the supply will be released gradually to reward participants in the staking program. Initially, staking will be the primary way to obtain NPRO, with the supply released progressively and backed by NEAR staking rewards.

- 🟢 **15% Treasury:** Allocated as working capital to finance wallet development and operations, vested over 5 years. This capital will be deployed with the sole goal of improving the wallet experience for the users and is associated with the roadmap of the project and features mentioned above.

- 🔴 **5% Founding Team:** Reserved for the core team, vested over 5 years to ensure a long-term commitment to the project. NEAR Mobile is a project for the NEAR community, and we believe it is important that the team building it—from the founder and developers to the marketing team—remains interested in the long-term success of the project.

- **10% Marketing & Community:** Aimed at promoting adoption, partnerships, and user engagement. This will be deployed in a similar way as the bonding curve release tokens to ensure that incentives for new users remain high at all times. The main use for these tokens will be rewards for new users that complete social actions, viral share actions, and use of the wallet, with some portion allocated to partnerships that help spread the word.

- **10% Liquidity Pool:** Allocated to provide initial liquidity and support price stability.

2.2 Fair Launch and Token Release

- **Daily Token Allocation to Stakers:** Every epoch, a specific amount of NPRO tokens will be released and fully allocated to users staking NEAR with the NEAR Mobile Validator. The allocation is done in proportion to each user's share of the total staked NEAR, ensuring a fair and balanced reward distribution based on participation.

- **Bonding Curve Token Release:** The amount of NPRO tokens released will decrease every epoch following a bonding curve model, with a decay parameter of 0.0002366497714. This parameter has been set to ensure that the amount of NPRO released in the last epoch is 25% of the amount released in the first epoch which is 1892 aprox. This provides a balanced approach, rewarding early adopters while keeping the rewards interesting throughout the 5-year period.

- **Upward Price Pressure via Liquidity Mechanism:** As NPRO tokens are released and NEAR staking rewards are received, the algorithm dynamically deploys rewards based on liquidity targets. When liquidity is near 10% of circulating supply, 100% of staking rewards purchase NPRO from the liquidity pool, driving consistent upward price pressure. When liquidity falls below the 10% target, 50% of rewards purchase NPRO while the remaining 50% is paired with purchased tokens and added as liquidity to the pool. This adaptive mechanism naturally increases liquidity depth while maintaining price support. Notably, NEAR staking rewards back NPRO's value, ensuring a tangible linkage to NEAR's price. Unlike projects that launch tokens from nothing, this design creates intrinsic value derived from actual validator rewards.

- **Initial pre staking period:** During the first three months, NPRO tokens distributed to stakers will be locked in a smart contract to build liquidity and stabilize initial price dynamics before public trading begins. This period helps to establish a robust foundation for NPRO's market liquidity and price.

The NEAR Mobile team will not receive any of the released NPRO tokens directly. This ensures that all rewards are directed towards community members, fostering trust and fairness. Additionally, the LP tokens received when adding liquidity will be burned to ensure that the liquidity added to the pool cannot be removed.
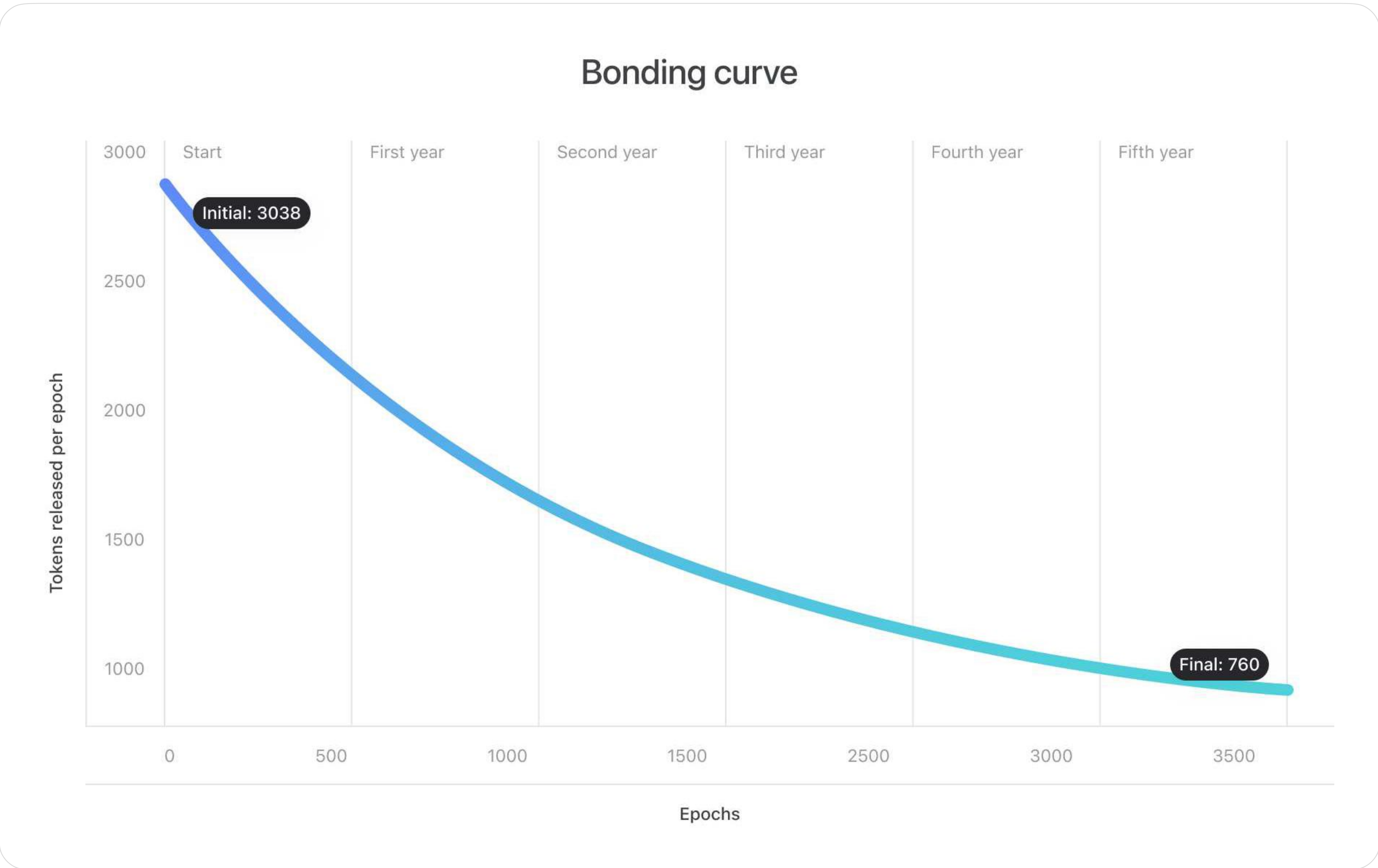
3. Token Utility

3.1 Membership Tiers

NPRO tokens grant access to **tiered membership levels** within the NEAR Mobile wallet, unlocking progressively advanced features. Each level requires holding a certain amount of NPRO to access:

- **Basic (free):** Access essential wallet features: manage 1 address, buy (1% fee) send, receive, stake (5% fee), swap(0.875% fee) with Intents any token, and explore multichain capabilities. No NPRO required—ideal for casual users.

- **Ambassador:** Unlocks extra functionality: up to 2 wallets + management, reduced fees on swap (0.656% fee →25% discount) and staking (2.5% fee), token investor info, token price notifications, Basic App customization. Designed for active community members and early supporters.

- **Premium:** Full access to premium features: Unlimited addresses, reduced fee swap (0.218% fee → 75% discount) and staking (0% fee), portfolio analytics, portfolio notifications, downloadable statements, private support and advanced customization. Built for power users and DeFi pros.

The tier system is designed to reward engagement and ownership of NPRO, making features accessible as users grow their participation in the ecosystem. This are only the initial set of features but the roadmap plans the addition of new features down the line. Additionally, the required amount of NPRO for each tier might change according to demand and features.

3.2 Increasing Value Potential for Token Holders

The daily release of NPRO tokens decreases over time following a **bonding curve** model, which creates natural scarcity as the token becomes progressively harder to obtain. This scarcity mechanism enhances the long-term value proposition for investors by increasing the difficulty of obtaining new tokens over time. This scarcity, combined with the required holdings to unlock premium features and the liquidity mechanism that generates upward price pressure, positions NPRO as a strong investment opportunity. Furthermore, because NEAR staking rewards are used to purchase NPRO from the liquidity pool and then added back as liquidity, the token's value is intrinsically linked to NEAR's performance. If NEAR's price increases, NPRO's price is also expected to rise due to this tight integration of staking rewards and liquidity mechanics.

Bonding curve

| | Start | First year | Second year | Third year | Fourth year | Fifth year |

Tokens released per epoch

Initial: 3038

Final: 760

Epochs

Additionally, the token liquidity mechanism has been designed to ensure that even if 45% of recipients sell their tokens immediately and no new buyers emerge, the token's price will still experience **upward pressure**, demonstrating the resilience of the system.

4. Staking and Liquidity Dynamics

4.1 Staking Incentives

Staking NEAR with the NEAR Mobile Validator gives you exclusive benefits while helping grow the ecosystem:

- **Earn NPRO Tokens with Strong Potential:** By staking, you earn NPRO tokens, which are designed to benefit from mechanisms that create consistent demand. Early stakers have an advantage, as the daily token release is higher at the beginning, and with fewer people competing, you get a larger share.

- **Unlock Premium Features:** Holding NPRO gives you access to advanced features in the NEAR Mobile wallet, like fee-free transactions and portfolio tracking. Staking is your gateway to these premium perks.

- **Keep your NEAR while earning NPRO:** When you stake NEAR, you keep full ownership of your NEAR. You're simply exchanging your NEAR staking rewards for NPRO tokens, allowing you to participate in the NPRO ecosystem without giving up your staked assets.

- **Stable and Predictable Rewards:** Rewards are calculated based on your share of the total NEAR staked, so you always know what to expect. The system is designed to reward long-term participation.

4.2 Liquidity Pool Management

Initial Liquidity via Rhea Finance: The liquidity pool is initially set up in partnership with Rhea Finance, leveraging their robust decentralized infrastructure. The pool targets 10% of circulating supply at Token Generation Event, approximately 635,000 NPRO paired with corresponding NEAR reserves.

- **Dynamic Liquidity Algorithm:** The mechanism for deploying daily NEAR staking rewards is adaptive, responding to real-time liquidity conditions:
  - **When liquidity is near 10% of circulating supply:** 100% of NEAR staking rewards are used to purchase NPRO directly from the liquidity pool. This sustained buying pressure drives consistent upward price movement while maintaining target liquidity depth.

- **When liquidity falls below 10% of circulating supply:** 50% of NEAR staking rewards purchase NPRO from the pool, while the remaining 50% is paired with the purchased NPRO and added as liquidity to the pool. This dual approach restores liquidity depth while still generating price appreciation.

Dual Impact on Market Dynamics:

- **Price Appreciation:** Regular NPRO purchases from the liquidity pool generate consistent upward pressure on token price, with NEAR staking rewards providing tangible economic backing.

- **Liquidity Stability and Resilience:** The dynamic liquidity maintenance reduces slippage for traders while making NPRO more resilient to sudden price shocks and market volatility.

- **Liquidity Permanence:** LP tokens generated from liquidity additions are permanently burned, ensuring that added liquidity cannot be removed. This protects token holders from rug pull scenarios and guarantees sustained market depth.

5. Community and Ecosystem Growth

5.1 Marketing and User Acquisition

Our strategy to onboard 1 million users revolves around viral growth, social engagement, and strategic partnerships. By leveraging innovative marketing campaigns and providing clear incentives for community involvement, we aim to maximize both user acquisition and engagement. Key components include:

- **Social Actions for Token Rewards:** Users can earn NPRO tokens by completing simple social actions such as following NEAR Mobile on Twitter, retweeting posts, and tweeting about the project. These basic actions are designed to grow our online presence and amplify awareness.

Earn NPro by completing the following tasks

Follow us on social networks, tweet about us and share your referral link to earn NPro.

Referral link
nearmobile.app/19frar27c6
Copy code

Follow us on X.com
x.com/NEARMobile_app
Follow us

Tweet about NPro
I just earn my first NPro...
Post on X.com

Claim your NPro

- **Referral-Based Growth:** The most rewarding action for users will be onboarding new users through referral links. Referrals directly expand the NEAR Mobile user base, making them a priority in our incentive system. This ensures that growth is both organic and meaningful, as referred users are more likely to become active participants.

- **Marketing Campaigns in Waves:**

  - Campaigns will be structured in waves to allow users ample time to join, ensuring that even late adopters can participate and benefit from the onboarding program.

  - Each wave will feature progressively reduced rewards, incentivizing early adoption while preserving token supply for long-term growth.

  - This approach also mitigates the risk of system abuse, as it limits the opportunity for malicious actors to exploit the rewards pool.

- **Maintaining Privacy and Security:** NEAR Mobile is a non-custodial and anonymous wallet and will remain so. However, mechanisms such as social login may be used to ensure that participants are new users and have not previously joined the campaign. Importantly, no personal information will be collected or stored, maintaining user privacy.

By creating a strong incentive structure and combining it with a phased approach, our campaigns will grow both our community and the broader NEAR ecosystem sustainably.

5.2 Sustainable Ecosystem Development

Our ultimate goal is to strengthen the NEAR ecosystem by providing users with an engaging onboarding experience and connecting them with the rich and diverse dApps available. Key initiatives include:

- **An Accessible and Intuitive Wallet:** NEAR Mobile makes creating and using a wallet as simple as signing up for a web2 app. By removing friction, we aim to attract users unfamiliar with blockchain while providing tools that meet the needs of experienced users.

- **Discovering the NEAR Ecosystem:** The wallet will guide users toward exploring other dApps and services on NEAR, fostering further engagement within the ecosystem. We aim to position NEAR Mobile as a gateway for users to discover the full potential of NEAR.

- **Strategic Partnerships:** A portion of the marketing funds will be reserved for partnerships with key opinion leaders (KOLs) and third-party dApps. These collaborations will promote integrations and help users discover exciting opportunities within the NEAR ecosystem.

- **Long-Term Ecosystem Growth:** By combining a user-friendly wallet with a powerful incentive program, we aim to onboard new users who remain engaged, helping to expand NEAR's user base and increase activity across the ecosystem.

6. Vision and Long-Term Strategy

At NEAR Mobile, our goal is to create a sustainable and innovative ecosystem that elevates the user experience within NEAR Mobile while driving the adoption of blockchain technology worldwide. By offering exclusive features, fostering community engagement, and integrating cutting-edge advancements, NPRO positions itself as a key enabler of the NEAR Protocol's broader goals.
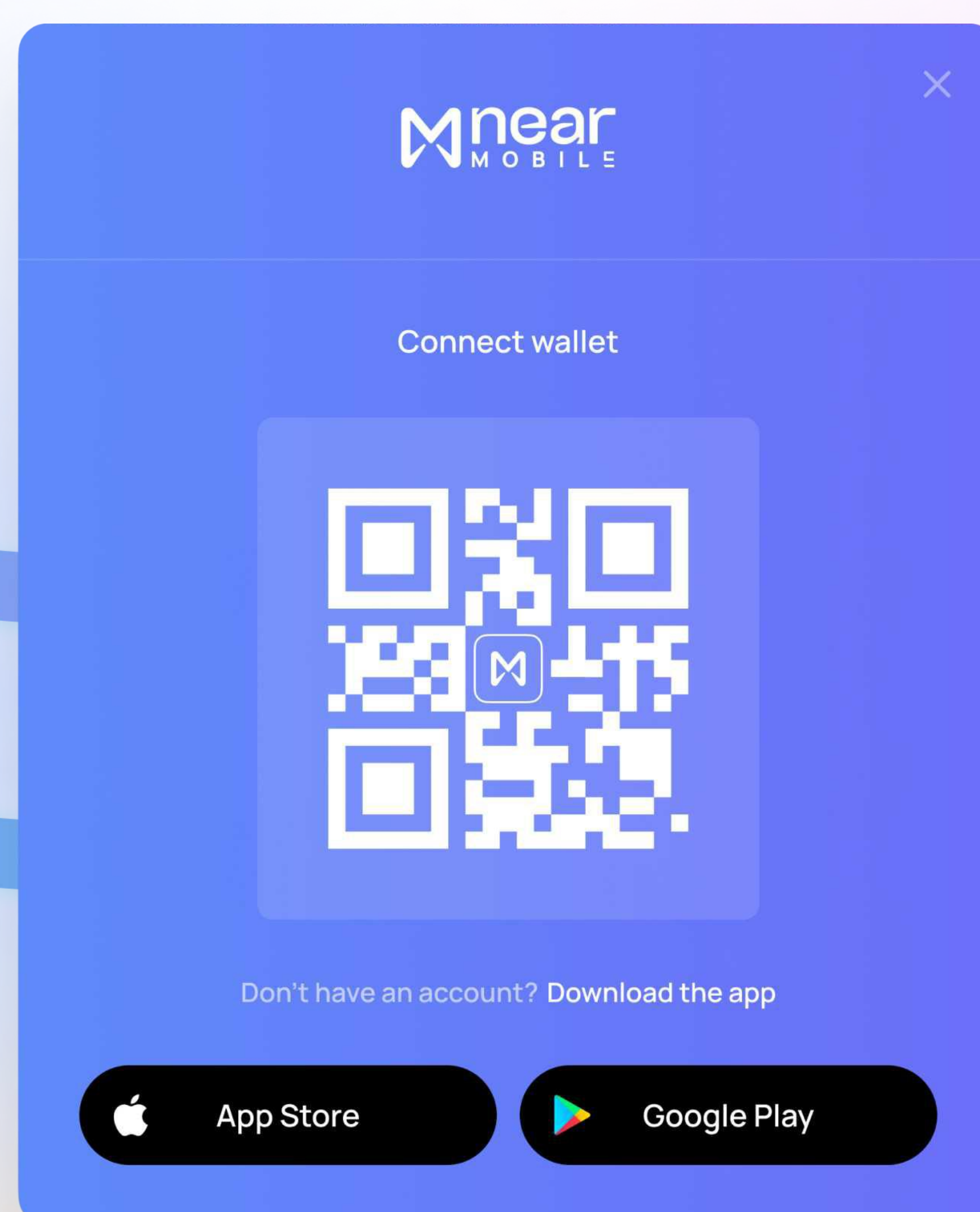
6.1 A Wallet Built for the Future

Our mission is to make NEAR Mobile the ultimate gateway to the NEAR blockchain. To achieve this, we're continuously adding features that redefine what a blockchain wallet can do:

- **NEAR Intents:** Simplifying blockchain interactions, NEAR Intents allow users to achieve their goals, such as "Swap Token A for Token B," without worrying about whether both tokens are in the same chain. By abstracting the complexity of bridging tokens, NEAR Intents enable cross-chain swaps seamlessly, eliminating the need for users to understand blockchain bridges or multiple transaction steps.

- **Frictionless Onboarding:** Blockchain adoption starts with an accessible entry point. Creating a NEAR Mobile wallet will be as easy as signing up for any web2 app, ensuring that users—whether experienced in crypto or not—can get started effortlessly.

- **Outstanding Support:** Exceptional user support is a priority:

    - **Smart Chatbot Assistance:** A built-in support chatbot will handle most user queries, offering fast, intuitive resolutions to common issues.

    - **Personalized Human Support:** Top-tier users will have access to private, personalized assistance, ensuring their needs are addressed with priority and care.

- **NEAR AI:** NEAR Mobile is committed to delivering the best possible experience across the NEAR ecosystem. While decentralized AI agents are part of NEAR Protocol's long-term vision, our current focus is on what matters most to our community—DeFi and trading tools, powerful token incentives, seamless onboarding, and a superior cross-chain experience. As the NEAR AI stack evolves, we'll explore the best ways to integrate it responsibly and effectively into the wallet.

6.2 A Global Vision for Blockchain Growth

Our long-term strategy aligns with NEAR Protocol's mission of onboarding millions of users and fostering a thriving ecosystem. NPRO will play a central role in this journey by focusing on sustainability, growth, and innovation:

- **Maintaining Sustainability:** At the heart of our vision is a commitment to building a self-sustainable project that serves the NEAR community for the long run. Through a phased token release, a bonding curve model, and a tier-based rewards system, we aim to create an ecosystem that balances fairness, stability, and growth.

- **Fostering Ecosystem Adoption:** By making blockchain interactions intuitive and accessible, NEAR Mobile will act as a gateway, helping users discover the rich diversity of DeFi platforms, dApps, and tools within the NEAR ecosystem.

- **Innovating with Technology:** As blockchain evolves, NEAR Mobile will integrate with emerging technologies, ensuring the wallet remains at the forefront of innovation and continues to meet users' needs.

- **Driving Community Engagement:** Viral growth strategies, community incentives, and referral systems will expand our user base while strengthening loyalty among existing users.

Conclusion

NPRO is more than a utility token—it's a catalyst for growth, engagement, and innovation within the NEAR ecosystem. By empowering users with exclusive features, sustainable liquidity mechanisms, and staking rewards, NPRO bridges blockchain potential with user-friendly experiences.

With its well-designed tokenomics, NPRO rewards early adopters and supports long-term stability. Staking NEAR with the NEAR Mobile Validator allows users to earn NPRO while retaining ownership of their NEAR. Key benefits for stakers include:

- **Scarcity Advantage:** Early stakers secure more tokens during the higher release phase.
- **Exclusive Features:** NPRO unlocks powerful tools like swap discounts, portfolio tracking, and cross-chain functionality.
- **Low-Risk Opportunity:** Users keep their staked NEAR, receiving NPRO in exchange for their staking rewards.
- **Built-in Price Support:** Liquidity mechanisms ensure resilience and confidence for holders, with the ability to swap NPRO back to NEAR.

Looking ahead, NEAR Mobile will continue redefining wallet usability with features like NEAR Intents for cross-chain swaps, seamless onboarding, robust DeFi integrations, and an ever-growing user experience. Together, NPRO and NEAR Mobile are building a sustainable, user-centric ecosystem that empowers the NEAR community for the future.

For more details, visit nearmobile.app/NPRO

Appendix: Illustrative Example of Token Mechanics

Reward Distribution and Liquidity Mechanism

> Note: this example is a simplified version of reality for illustrative purposes. The figures used often have rounding errors to simplify

To better understand how the reward system works, let's consider a simplified example with three users staking NEAR in the NEAR Mobile Validator. Assume the daily release amount for NPRO tokens on a particular day is 1,000 tokens. Additionally, assume the liquidity pool has an initial state of 1,000 NEAR and 10,000 NPRO, establishing an initial NPRO price of 0.1 NEAR per NPRO.

Staking Contributions:

- **User A:** Staked 405,000 NEAR (50% of total staked NEAR)
- **User B:** Staked 243,000 NEAR (30% of total staked NEAR)
- **User C:** Staked 162,000 NEAR (20% of total staked NEAR)

Total staked: **810,000 NEAR**

Total NEAR staking rewards for the epoch (at 9% APY): **100 NEAR**

Step 1: Reward Distribution

The NPRO rewards for the epoch are distributed proportionally to the staked NEAR:

- **User A:** 50% of 1,000 NPRO = **500 NPRO**
- **User B:** 30% of 1,000 NPRO = **300 NPRO**
- **User C:** 20% of 1,000 NPRO = **200 NPRO**

Step 2: Liquidity Mechanism

The NEAR staking rewards generated during the epoch (100 NEAR) are used as follows:

- **50 NEAR** is used to purchase NPRO from the liquidity pool.

- **50 NEAR** is paired with the purchased NPRO and added back to the pool as liquidity.

Importantly the LP tokens created by adding liquidity to the pool are immediately burned, so no one can withdraw the liquidity.

Calculation of NPRO Purchased:

- Initial pool state: **1,000 NEAR and 10,000 NPRO**

- Initial price: **1 NPRO = 0.1 NEAR**

- Using 50 NEAR to purchase NPRO:

  - Amount of NPRO purchased = **50 / 0.1 = 500 NPRO**

- Updated pool state after the purchase:

  - NEAR: **1,050 NEAR**

  - Pro: **9,500 NPRO**

- New price of NPRO:

  - New price = **1,050 NEAR / 9,500 NPRO ≈ 0.11 NEAR per NPRO**

- Adding liquidity:

  - The remaining 50 NEAR is paired with 500 NPRO and added to the pool.

  - Final pool state:

    - NEAR: **1,100 NEAR**

    - NPRO: **10,000 NPRO**

Step 3: User Behavior and Price Impact

Scenario 1: Optimistic

- Users sell **10%** of the NPRO they received back to the liquidity pool:

  - Total sold = 10% of 1,000 NPRO = **100 NPRO**

- **Pool state before sell:**

  - NEAR: **1,100 NEAR**

  - NPRO: **10,000 NPRO**

  - Price: **1 NPRO = 0.11 NEAR**

- After selling 100 NPRO:
  - NEAR decreases: **1,100 NEAR - (100 NPRO × 0.11 NEAR) = 1,089 NEAR**
  - NPRO increases: **10,000 NPRO + 100 NPRO = 10,100 NPRO**
  - New price: **1,089 NEAR / 10,100 NPRO ≈ 0.108 NEAR per NPRO**

Outcome:

- NPRO price decreases slightly to **0.108 NEAR**, showcasing resilience against small sell pressure.

Scenario 2: Pessimistic

- Users sell **40%** of the NPRO they received back to the liquidity pool:
  - Total sold = 40% of 1,000 NPRO = **400 NPRO**
- Pool state before sell:
  - NEAR: **1,100 NEAR**
  - NPRO: **10,000 NPRO**
  - Price: **1 NPRO = 0.11 NEAR**
- After selling 400 NPRO:
  - NEAR decreases: **1,100 NEAR - (400 NPRO × 0.11 NEAR) = 1,056 NEAR**
  - NPRO increases: **10,000 NPRO + 400 NPRO = 10,400 NPRO**
  - New price: **1,056 NEAR / 10,400 NPRO ≈ 0.101 NEAR per NPRO**

Outcome:

- NPRO price decreases to **0.101 NEAR**, reflecting larger sell pressure. However, the price remains above the initial level due to the earlier buyback operation and added liquidity.

Summary of Results

- **Optimistic Scenario:** Final price increased by **8%** compared to the initial price.
- **Pessimistic Scenario:** Final price increased by **1%** compared to the initial price.

This example highlights the robustness of NPRO's reward distribution and liquidity mechanism, balancing reward dynamics, price growth, and stability.