TERRA POKER

LITE PAPER

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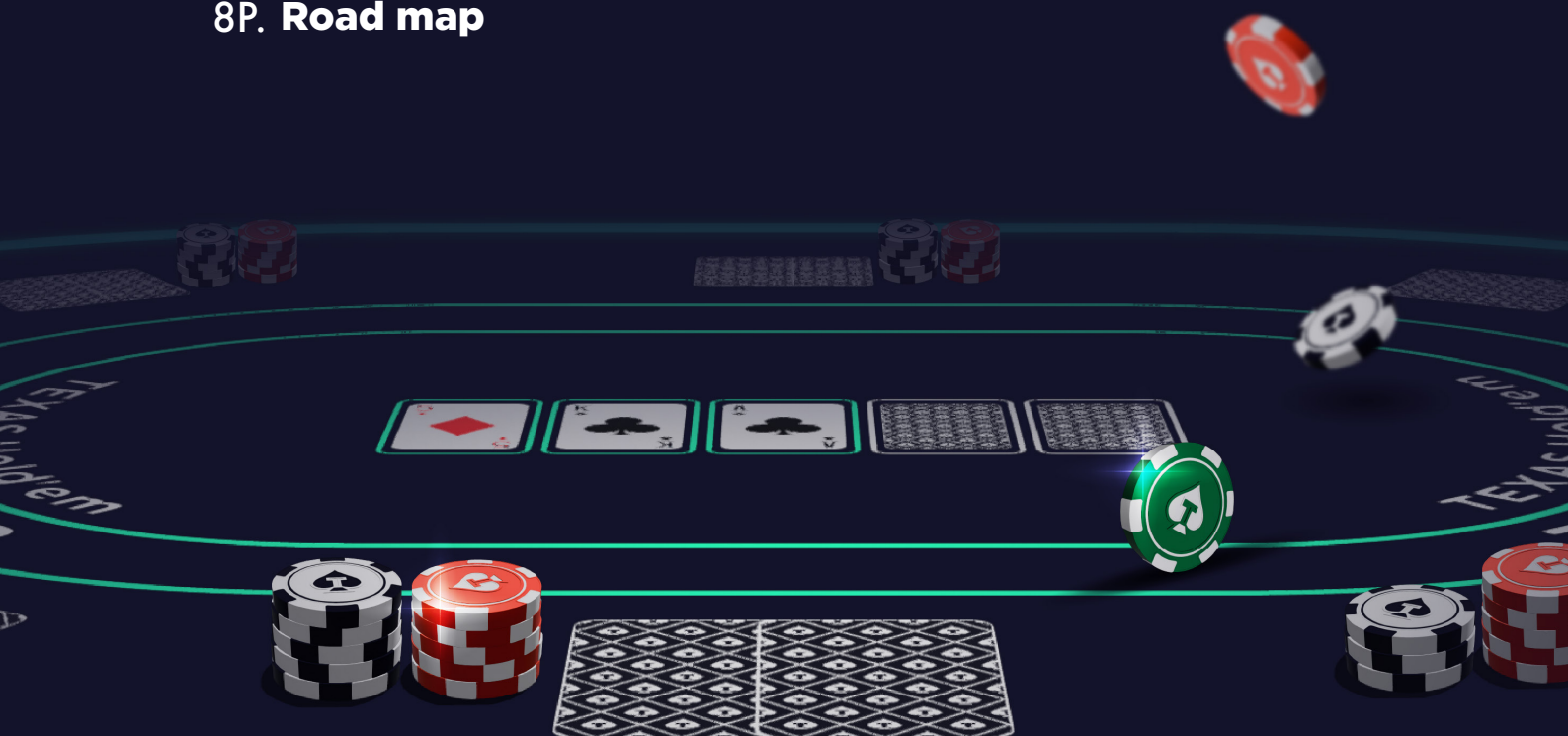
WHAT IS TERRA POKER

Overview

Terra Poker is the **first P2E Texas Hold'em style poker game** on the Terra Blockchain. As Texas Hold'em has reached global popularity, Terra Poker is set on becoming the on-chain poker destination for players to experience a truly fun and interactive experience.

Without compromising complexity, security or inflationary tokenomics, Terra Poker leverages on the robustness of blockchain technology to deliver the most enhanced play to earn experience online.

Terra Poker provides some of the most exciting P2E games to rebuild Terra into a thriving and vibrant ecosystem. It combines **fun**, huge game **rewards**, and **DeFi earning opportunities** for participants and holders alike. As the base currency of all interactions on Terra Poker, **$TPT token has built in long-term value holding mechanisms as well as immediate utility.**

If you enjoy poker, then come test your gaming aptitude and luck, and cash out on big prizes. The House is now open!

Key Features

A Fun Interactive Game

Terra Poker is the first game protocol on the Terra Blockchain that provides player to player (P2P) interaction. A user can use an alias profile such as any NFT character and create their own distinguished profile.

Play to Earn (P2E)

Unlike other casino protocols that are designed for players to lose, Terra Poker developed a poker platform for users to potentially earn huge profits, even with a small budget.

Terra Poker will also offer tournament games that give players an opportunity to earn big rewards. Tournaments will be opened on a daily basis and 8 players from each tournament will take home winning prizes.

Reliability & Transparency

Safety and transparency is the focused priority of Terra Poker. All actions, transactions, and probabilities are recorded by smart contract on the blockchain. Our products prevent bots and any other programmatic abuse.

Reward Circulation

Terra Poker collects a low % of rake fees in each game where the collected rake fee will be distributed as staking rewards after considering maintenance costs. Governance stakers earn $xTPT yields which can be used as tournament entry tickets. This process allows Terra Poker to be a sustainable poker platform in the Terra ecosystem.

Security & logic

DERS
Decentralized & Encrypted Random System

Terra Poker (TP) uses a proprietary shuffle called the DERS (Decentralized & Encrypted Random System) Shuffle, that highlights true encryption, true decentralization, and transparency.

Encrypted Deck & Dealing

The DERS proprietary shuffle system leverages on the 'Threshold Cryptosystem (TC)" and uses an encrypted card deck to achieve complete secure and secretive dealing. By using the TC operative method, only the player can see their dealt cards, and even the card dealer will not know the cards that have been dealt. Simply put, an encrypted deck is used to deal, and in order to open the hand, the TC method must be employed, keeping the pair completely private.

Decentralized Shuffle

TP implements a completely decentralized random shuffle method that prevents any potential intervention or manipulation of the deck. It requires a key combination of randomized user seeds to open the hand, and a mutual verification of hash values to confirm the deck has not been tampered with in any way.

Transparency

After each round, all game records are stored on the blockchain to ensure complete transparency. Users can use TP Tools to validate and be assured of randomization and privacy.

With these three pillars mentioned above, we believe that TP will deliver the highest quality of securitized gaming, preventing any form of manipulation or fraudulent behavior.

Game Flow

The below is a high-level flow of gameplay
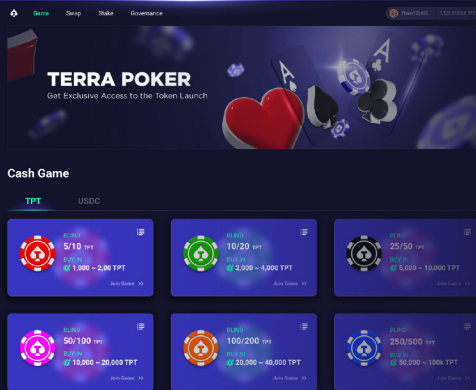
1. **Connect wallet** (Mainnet)

2. **Prepare $TPT for the game** (Stablecoin games are available)

3. **Select currency & game type** ($TPT / Stablecoin both available)

   3-1 Cash game (select blind limit)
   - $TPT play table
   - Other stablecoin play table

   3-2 Tournament (Opens 4 times daily)
   *Can be changed by governance

4. **Enter table**

   4-1 Quick start (enter available random table)

   4-2 Select specific table

5. **Play Game**

   5-1 Applied by Standard Texas Hold'em rule

6. **Cash Out - Exit**

   6-1 Click the 'Buy-Out' button to exit game
   (cash-out only proceeds after each round is over)

   6-2 A player will be auto-exited from the game if idle (either missed or didn't take any action) for 3 times of consecutive turns

$TPT Token Value Accrual

Game Participation

The default participation currency for Terra Poker is the $TPT token. As such, the utility of the $TPT token to participate in games encourages upward value accrual for the $TPT token.

As Terra Poker's user base and popularity grows in the Terra Ecosystem and expands across the Cosmos universe, the value of $TPT will further increase for the $TPT HODLer.

Tournament Ticket

Terra Poker has both basic cash games and tournament play. In order to safeguard the integrity of tournament play, participants will be required to purchase tournament admission tickets. These tickets are only available for purchase in $TPT. All $TPT collected from tournament ticket sales will be burned.

Rake Fee

In order to maintain and provide the best gaming experience to our Terra Poker community for the long run, Terra Poker will initially use the entirety of the collected rake fees for the operational costs of the game.

Each round costs a considerable amount of luna to execute transaction sign-offbroadcasts, logging onto the blockchain and other operational costs including maintenance. The transaction broadcast at the end of each round is done to ensure complete integrity of encrypted decks and fairness of the game.

All Rake Fees will be used strictly to cover these costs, especially in the wake of the rising LUNA prices. Any residue of collected rake fees will be used for distribution to xTPT stakers as originally intended.

In order to participate in games, $TPT and/or another stablecoin such as $axlUSDC are required. There will be a 8% rake fee applied to $TPT denominated pots, and a 10% rake fee applied to other stablecoin denominated pots

We believe that maintaining the best gaming experience for the community should remain our top priority.

Benefits for the $TPT Holder
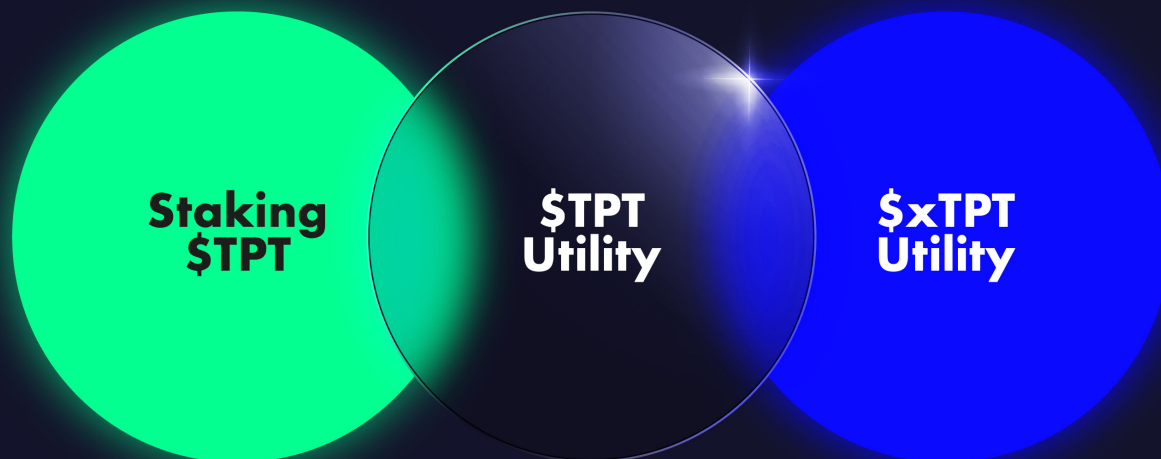
Staking $TPT

$TPT holders can stake their $TPT in governance to receive $xTPT tokens. This activates their governance power and users can receive governance staking rewards from a portion of collected rake fees and the allocated reward pool. Unbonding $xTPT back to $TPT requires a minimum 7 days to unbond.
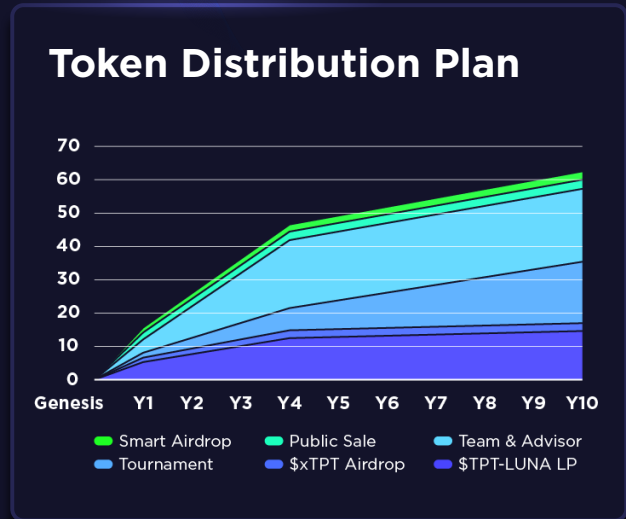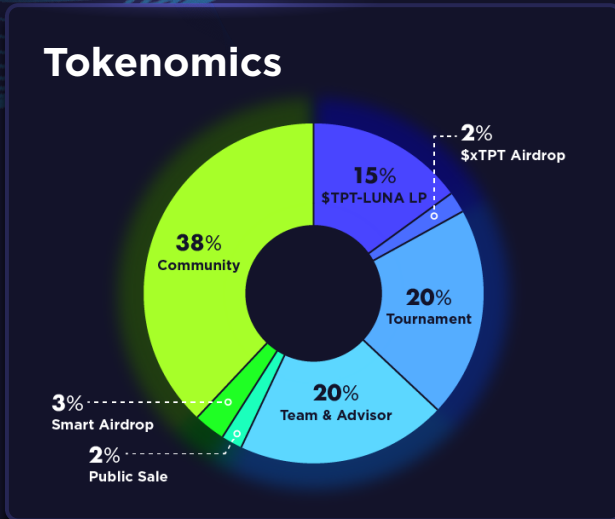
$TPT Utility

The $TPT token is the base currency used for all things on the $TPT platform, namely gameplay, purchase of exclusive tournaments and DeFi features. $TPT can also be staked in exchange for $xTPT, which can be used for governance

$xTPT Utility

· **Trading Fee shares:** $xTPT holders will also receive distributions from trading fees generated on the network

· **Governance:** $xTPT holders can participate in governance on the Terra Poker DAO and further engagement with the Terra Poker community

· **Airdrop:** $xTPT holders are also entitled to airdrops according to the distribution schedule over 4 years.

Allocation & Distribution

There will be a maximum supply of 1 billion $TPT tokens to be allocated as illustrated in the chart below

Tokenomics

- 2% $xTPT Airdrop
- 15% $TPT-LUNA LP
- 20% Tournament
- 20% Team & Advisor
- 2% Public Sale
- 3% Smart Airdrop
- 38% Community

Token Distribution Plan

Legend: Smart Airdrop, Public Sale, Team & Advisor, Tournament, $xTPT Airdrop, $TPT-LUNA LP

$TPT - LUNA LP Incentive [15%]

Marginal reducing release over 10 years as below

$xTPT Airdrop [2%]

Rewards for $xTPT holders, linearly vested over 4 years at 0.5% per annum

Tournament [20%]

An annual fixed 2% over 10 years used for tournament rewards. Rewards at tournaments are vested over periods per rules of the tournament

Team [20%]

Team reward vested after a 3 month cliff over 4 years at 5% per annum

Smart Airdrop Campaign [3%]

To further engage the Terra Poker community, there will be an annual 1% Airdrop campaign (Example campaigns may include: game participation, $TPT Staking or $TPT buying events)

Public Token Sale [2%]

There will be an initial token sale conducted with Valkyrie Protocol. The total raise will be 2%. Initial token releases will be vested over 6 months after a 1 month cliff

Community [38%]

Community fund that can be deployed for different aspects of the game and protocol, executed through governance proposal

ROADMAP

Terra Poker is striving to become the best on-chain Poker platform. To fulfill this mission, Terra Poker has set milestones to achieve maximum usability, interaction and profitability.

22. Q4

User Base Expansion
Launch a Smart Airdrop Campaign that focuses on user growth and incentives tied to the $TPT token

Launch Tournament-style Games
Launch poker tournaments in 22Q4 to further grow users and bring more value to the $TPT token

Marketing Booster
To further marketing efforts, we are planning on creating a YouTube live streaming channel, and also invite Terra influencers for tournament participation

Interactive Chat Rooms
For further community engagement and interactions, chatrooms and forums will be created

23. Q1

Terra Poker NFT
Launching Terra Poker NFT in 23Q1. NFT will allow users to personalize their own profiles, and earn additional benefits such as royalties in game play

Tier System
To increase competitiveness and reward big players, a "club-only" exclusive benefit tier will be implemented