

HUNCH Oracle - Market Creation Tutorial

Complete Guide to Creating Prediction Markets

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1. Overview

HUNCH Oracle is a decentralized prediction market platform on the TON blockchain. Anyone can create markets about future events (sports, crypto, politics, etc.) and earn rewards when their markets are resolved.

What You'll Need

Requirement	Amount	Purpose
TON Wallet	-	To interact with the blockchain
TON Tokens	~1-2 TON	Gas fees for transactions
HNCH Tokens	10,000 HNCH minimum	Market creation fee

What You'll Create

A prediction market with:

- A YES/NO question
- Resolution rules (how to determine the outcome)
- Resolution deadline (when the outcome can be reported)

2. Prerequisites

Before starting, ensure you have:

- A smartphone (iOS or Android) OR desktop browser
- Internet connection
- A way to purchase cryptocurrency (exchange account or existing crypto)
- Basic understanding of blockchain wallets

Supported Networks

Network	Use Case	HNCH Token

Mainnet	Real markets with real value	Real HNCH
Testnet	Testing (no real value)	Test HNCH

For this tutorial, we'll use Mainnet for real market creation.

3. Step 1: Set Up a TON Wallet

Recommended: Tonkeeper Wallet

Tonkeeper is the most popular and user-friendly TON wallet.

3.1 Download Tonkeeper

Mobile:

- iOS: [App Store](#)
- Android: [Google Play](#)

Desktop:

- Chrome Extension: [Chrome Web Store](#)

 SCRENSHOT PLACEHOLDER: Tonkeeper download page on App Store/Play Store

3.2 Create a New Wallet

1. Open Tonkeeper
2. Tap "**Create New Wallet**"
3. **IMPORTANT:** Write down your 24-word recovery phrase on paper
4. Store the recovery phrase securely (never share it!)
5. Confirm your recovery phrase
6. Set a PIN or biometric lock

 SCRENSHOT PLACEHOLDER: Tonkeeper wallet creation screen showing "Create New Wallet" button

 SCRENSHOT PLACEHOLDER: Recovery phrase backup screen with 24 words

3.3 Secure Your Wallet

DO	DON'T
Write recovery phrase on paper	Screenshot your recovery phrase
Store in a safe place	Share with anyone
Use biometric/PIN lock	Store digitally unencrypted

4. Step 2: Get TON Tokens

You need approximately **1-2 TON** for gas fees. Here's how to get TON:

Option A: Buy from an Exchange

Popular exchanges that support TON:

- **Binance** - Largest exchange globally
- **OKX** - Good liquidity

- **Bybit** - Easy withdrawal
- **KuCoin** - Multiple trading pairs

Steps:

1. Create/login to your exchange account
2. Complete KYC verification if required
3. Deposit fiat or crypto
4. Buy TON (search for "TON" or "Toncoin")
5. Withdraw to your Tonkeeper wallet address

 SCREENSHOT PLACEHOLDER: Exchange withdrawal screen showing TON withdrawal to external address

Option B: Use a Fiat On-ramp

Tonkeeper has built-in fiat purchase options:

1. Open Tonkeeper
2. Tap "**Buy**"
3. Select your payment method (card, bank transfer)
4. Follow the prompts to purchase TON

 SCREENSHOT PLACEHOLDER: Tonkeeper buy screen with fiat options

Finding Your TON Address

1. Open Tonkeeper
2. Tap on your TON balance
3. Tap "**Receive**"
4. Copy your address (starts with `UQ...` or `EQ...`)

 SCREENSHOT PLACEHOLDER: Tonkeeper receive screen showing wallet address and QR code

5. Step 3: Get HNCH Tokens on STON.fi

HNCH is the native token used for market creation and resolution bonds on HUNCH Oracle. You can swap TON for HNCH on STON.fi, TON's largest decentralized exchange.

5.1 Access STON.fi

1. Go to <https://app.ston.fi/swap>
2. You'll see the swap interface

 SCREENSHOT PLACEHOLDER: STON.fi homepage with swap interface

5.2 Connect Your Wallet

1. Click "**Connect Wallet**" (top right)
2. Select "**Tonkeeper**"
3. Approve the connection in your Tonkeeper wallet
4. Your wallet address will appear in the top right

 SCREENSHOT PLACEHOLDER: STON.fi wallet connection modal showing Tonkeeper option

 SCREENSHOT PLACEHOLDER: Tonkeeper approval popup for STON.fi connection

5.3 Swap TON for HNCH

1. In the "**You pay**" field, select **TON**
2. In the "**You receive**" field, search for **HNCH**
 - o HNCH Contract: `EQCx6mUtQJKFnGfaR0TK0t1lZbDiiX1kCixRv7Nw2Id_sDs`
3. Enter the amount of TON you want to swap
4. Review the exchange rate and fees
5. Click "**Swap**"
6. Confirm the transaction in Tonkeeper

 SCRENSHOT PLACEHOLDER: STON.fi swap interface with TON selected as input and HNCH as output

5.4 Recommended Amount

Purpose	HNCH Needed
Create 1 market	10,000 HNCH
Create 1 market + propose outcome	20,000 HNCH
Create multiple markets	10,000 HNCH per market

Tip: Get at least **15,000 HNCH** to have some buffer for proposals.

5.5 Verify HNCH in Wallet

After the swap completes:

1. Open Tonkeeper
2. You should see HNCH in your token list
3. If not visible, tap "+" to add the token manually

 SCRENSHOT PLACEHOLDER: Tonkeeper wallet showing HNCH token balance

6. Step 4: Connect Wallet to HUNCH Oracle

6.1 Access the Application

1. Go to <https://hunch-oracle-app.vercel.app>
2. You'll see the HUNCH Oracle homepage

 SCRENSHOT PLACEHOLDER: HUNCH Oracle homepage showing header with "Connect Wallet" button

6.2 Select Network

Before connecting, ensure you're on the correct network:

1. Look at the **network indicator** in the header
2. Click to toggle between **Mainnet** and **Testnet**
3. For real markets, select **Mainnet**

 SCRENSHOT PLACEHOLDER: Network switcher showing Mainnet/Testnet toggle

6.3 Connect Your Wallet

1. Click "**Connect Wallet**" button (top right)
2. Select "**Tonkeeper**" from the wallet options

3. Approve the connection in your wallet app
4. Your wallet address will appear in the header

 SCREENSHOT PLACEHOLDER: TonConnect wallet selection modal

 SCREENSHOT PLACEHOLDER: Connected state showing truncated wallet address

6.4 Verify Your Balances

After connecting, scroll down to the Markets section. You should see:

- Your HNCH balance displayed
- "Create New Market" form (only visible when connected)

 SCREENSHOT PLACEHOLDER: Balance info section showing "Your HNCH Balance: X HNCH"

7. Step 5: Create Your Market

7.1 Navigate to the Market Creation Form

1. Scroll down to the "**Markets**" section
2. Find the "**Create New Market**" form
3. The form shows the creation cost: **10,000 HNCH + ~0.2 TON**

 SCREENSHOT PLACEHOLDER: Create New Market form with empty fields

7.2 Fill in Market Details

Question (Required)

Enter a clear YES/NO question.

Good Examples:

- "Will India win the 2026 ICC T20 World Cup?"
- "Will Bitcoin reach \$100,000 before July 2026?"
- "Will SpaceX launch Starship to Mars in 2026?"

Bad Examples:

- "What will be the price of ETH?" (not YES/NO)
- "Who will win the election?" (not YES/NO)

 SCREENSHOT PLACEHOLDER: Question field filled with example question

Resolution Rules (Optional but Recommended)

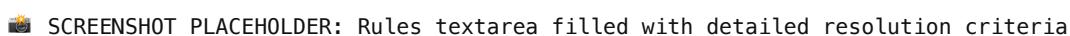
Explain exactly how the market will be resolved.

Example:

Market resolves YES if India is officially declared the winner of the ICC Men's T20 World Cup 2026 Final.

Market resolves NO if:

- Any other team wins the tournament
- India is eliminated before the final
- The tournament is cancelled



Resolution Source (Optional but Recommended)

Specify where to verify the outcome.

Examples:

- "Official ICC website (icc-cricket.com)"
- "CoinGecko price data"
- "Official company press release"



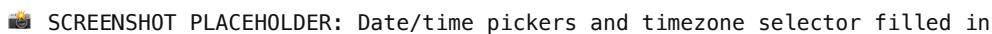
Resolution Date & Time (Required)

Set when the market outcome can be reported.

1. Select the **date** using the date picker
2. Select the **time** using the time picker
3. Choose your **timezone**
4. The form will show the UTC equivalent

Rules:

- Must be at least **2 hours** in the future
- Warning shown if more than **1 year** away



7.3 Review Your Market

Before submitting, verify:

Field	Check
Question	Clear YES/NO format?
Rules	Unambiguous resolution criteria?
Source	Reliable verification source?
Deadline	Correct date/time/timezone?
Cost	10,000 HNCH + ~0.2 TON available?



7.4 Submit the Transaction

1. Click "**Create Market**"
2. Tonkeeper will open with a transaction to approve
3. Review the transaction details:
 - Sending: 10,000 HNCH to Master Oracle
 - Gas: ~0.2 TON
4. Tap "**Confirm**" in Tonkeeper



7.5 Wait for Confirmation

1. The button will show "**Creating...**"
2. Wait for blockchain confirmation (usually 5-15 seconds)
3. You'll see a success message
4. The new market will appear in the markets list after refresh

 SCRENSHOT PLACEHOLDER: Success message after market creation

8. After Market Creation

8.1 Find Your Market

1. Click "**Refresh**" in the markets section
2. Your market should appear at the top (sorted by newest)
3. Click on your market to expand details

 SCRENSHOT PLACEHOLDER: Markets list showing the newly created market

8.2 Share Your Market

Share your market to attract traders:

- Copy the market address from the expanded view
- Share on social media, forums, or with friends

8.3 Market Lifecycle

Phase	Description	Your Role
Open	Before resolution deadline	Wait for event
Waiting for Proposal	After deadline	Anyone can propose outcome
Proposed	Outcome proposed	Can challenge if wrong
Challenge Period	Someone challenged	Bond escalation
DAO Veto	Final review period	Community votes
Resolved	Final outcome set	Claim creator rebate

8.4 Claim Creator Rebate

After your market is resolved:

1. Find your market in the list
2. Click "**Claim Creator Rebate**"
3. Approve the transaction
4. Receive your HNCH reward!

9. Troubleshooting

"Insufficient HNCH Balance"

Cause: You don't have enough HNCH tokens.

Solution:

1. Check your balance in Tonkeeper
2. Go to STON.fi and swap more TON for HNCH
3. Wait for the swap to complete
4. Refresh the HUNCH Oracle page

"Transaction Failed"

Cause: Various reasons (network issues, insufficient gas, etc.)

Solution:

1. Ensure you have at least 0.5 TON for gas
2. Wait a few minutes and try again
3. Check TON network status

"Wallet Not Connecting"

Cause: Browser/wallet compatibility issues.

Solution:

1. Try refreshing the page
2. Disconnect and reconnect wallet
3. Clear browser cache
4. Try a different browser

"Market Not Appearing"

Cause: Blockchain delay or caching.

Solution:

1. Wait 30 seconds
2. Click "Refresh" in the markets section
3. Check your transaction in Tonkeeper history

"HNCH Not Visible in Tonkeeper"

Cause: Token not auto-detected.

Solution:

1. Tap "+" in Tonkeeper to add token
2. Search for HNCH or enter contract:

EQCxE6mUtQJKFnGfaROTK0t1lZbDiiX1kCixRv7Nw2Id_sDs

10. Appendix: Cost Summary

Market Creation Costs

Item	Cost	Notes
Creation Fee	10,000 HNCH	Sent to Master Oracle
Gas Fee	~0.2 TON	Network transaction fee
Total	10,000 HNCH + ~0.2 TON	Per market

Other Actions (After Market Creation)

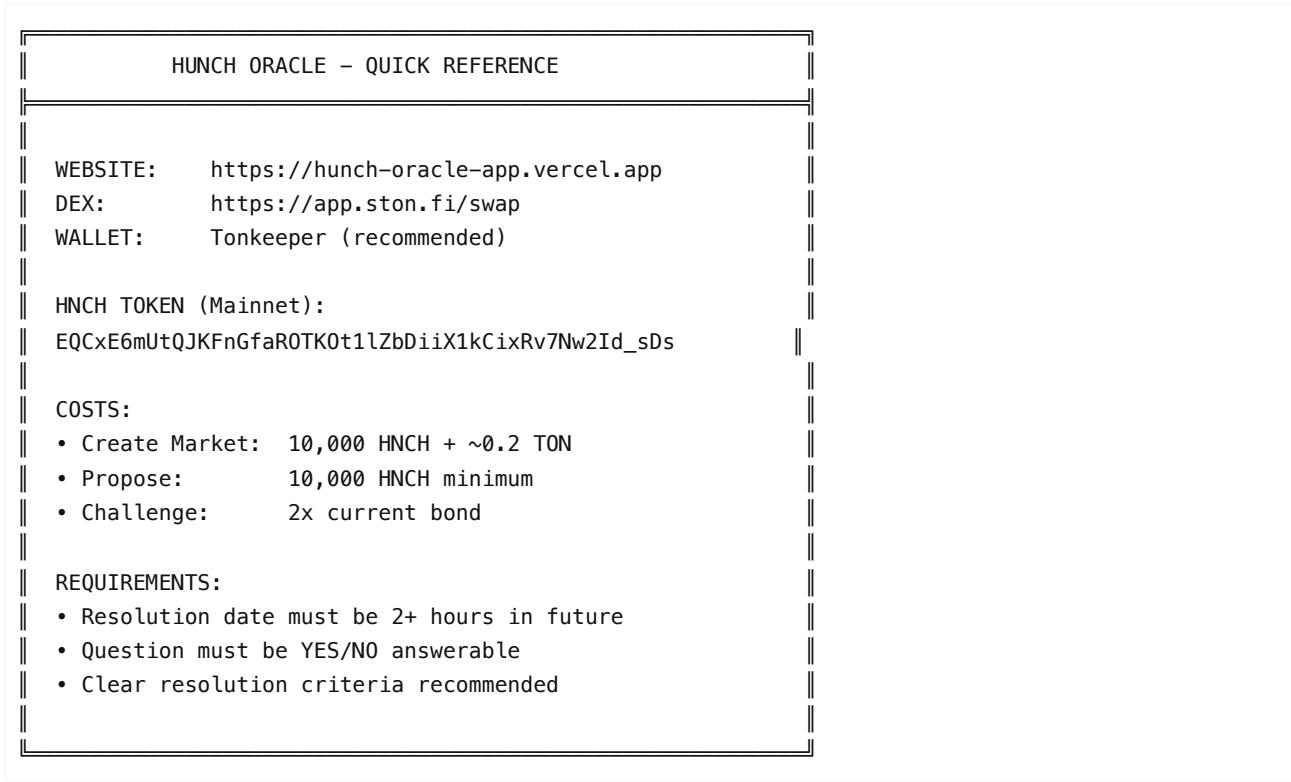
Action	Cost
Propose Outcome	10,000 HNCH (minimum bond)
Challenge Outcome	2x current bond
Cast Veto Vote	No cost (gas only)
Settle Market	Gas only (~0.1 TON)
Claim Rewards	Gas only (~0.05 TON)

Current Exchange Rates (Approximate)

Check STON.fi for current rates:

- <https://app.ston.fi/swap>

Quick Reference Card



Support

For questions or issues:

- Check this documentation first
- Visit the HUNCH Oracle website
- Contact the development team