
finance.vote

Christopher Smith, Nick Almond, Naved Ali

Oct 21, 2022

CONTENTS:

- 1 About yield.vote 3**
 - 1.1 Basic pools 3
 - 1.2 Resident Pools 12
 - 1.3 Tycoon Pools 21
- 2 Setting up 23**
- 3 Tokens gaining 25**
 - 3.1 Swapping for FVT (or TSST and BeSt) 26
 - 3.2 Getting LP tokens 29
 - 3.3 LP Tokens Addresses 32
- 4 Indices and tables 33**
- 5 Our products 35**
 - 5.1 Back to main page 35

yield.vote is a liquidity mining and staking platform that provides users of token ecosystems with yield opportunities in return for supporting the creation of decentralised markets. Yield has tuneable governance parameters that can be modified by a DAO.



ABOUT YIELD.VOTE

If you felt confused on yield.vote site then you are in the right place.
We'll try to simply explain how to play and to not get confused again.

This is what you see right after entering yield.vote:



We truly hope that this part is not confusing, but to be absolute clear, let us explain what are you looking at.

The most important thing here is to understand that this is kind of a template which will be created for every partner who would like to create its own pools.

In the finance.vote pools section there are 3 boxes for 3 different types of pools. We called them basic, resident and tycoon(which is actually a type of resident pool).

As you can see, our partner's pools are named completely different (ITG Blue Lagoon Pool, ITG Reef Pool and ITG Krill Pool) but their working is based on the same mechanics as finance.vote pools.

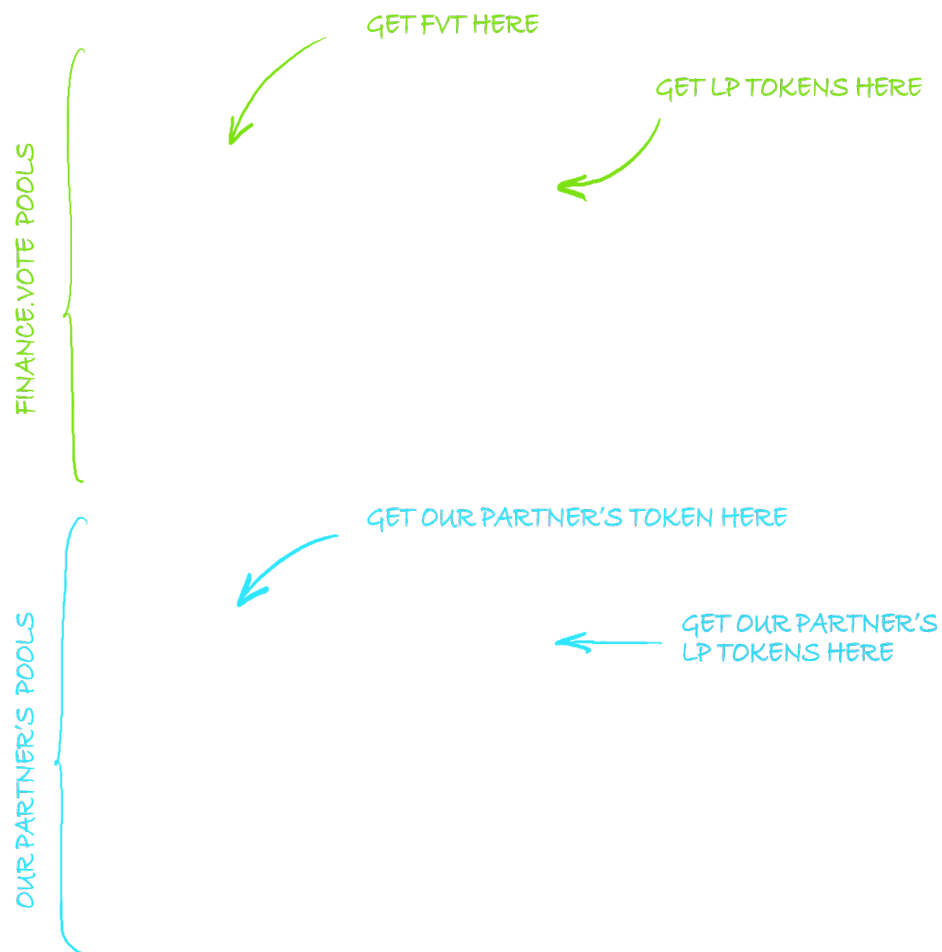


1.1 Basic pools

When you first enter basic pool you probably think that there is too much information. But keep calm, we will go through this together.

Actually it is not that complicated, since most of the elements are just informational, but yes, that could be overwhelming at first.

Basic pool is an ultra simple financial primitive for those who don't want to be LPs, but want to get FVT token yield. The contract opens at a specified time(**start date**) and reaches maturity at a specified time(**maturity date**). You see a quote for the yield(**APY**) you will receive on maturity and as long as you send your tokens before the pool cap is full, you get your quoted yield guaranteed from the timestamp of the block in which your transaction is mined.




0xd932...a5e1

A competitive yield environment

These staking pools provide users with yield opportunities. Each pool offers a unique mechanism for trustlessly distributing tokens to stakers. Users earn 'Literally APY' in basic pool, or 'APE PY' in both the resident and tycoon pools, by claiming and holding protocol property.



[BUY FVT TOKENS](#)
[PROVIDE LIQUIDITY FOR FVT](#)

FVT Basic Pool

TVL: 10,000,000 \$FVT
APY: 100%

Pool Cap: 10,000,000 \$FVT
Start Date: 09-04-2021
Maturity Date: 09-10-2021

[Pool Details](#)

FVT Resident Pool

Total Liquidity: 8,498 LP
Current Reward: 0.21 \$FVT / Block
Pulse Length: 100,000

Minimum Deposit: 0 LP
Maximum Deposit: 1,000 LP
Average APE PY: ∞%
Filled Lots: 36/50


[Pool Details](#)

FVT Tycoon Pool

Coming Soon





[BUY ITG TOKENS](#)
[PROVIDE LIQUIDITY FOR ITG](#)

ITG Blue Lagoon Pool

TVL: 383,247 \$\$ITG
APY: 50%

Pool Cap: 1,000,000 \$\$ITG
Start Date: 24-06-2021
Maturity Date: 24-12-2021


[Pool Details](#)

ITG Reef Pool

TVL: 0 \$SLP
APY: 433%

Pool Cap: 0.17 \$SLP
Start Date: 13-08-2021
Maturity Date: 12-09-2021

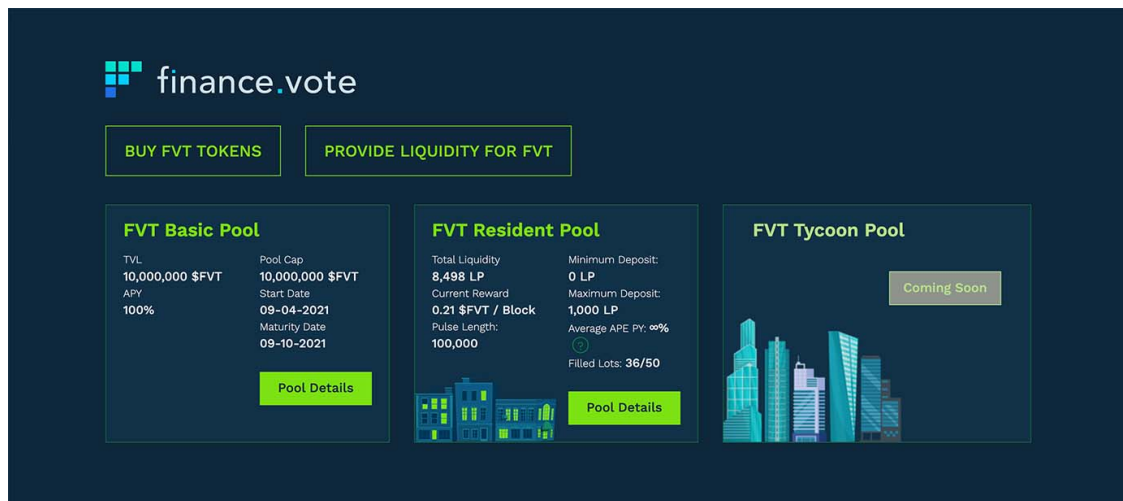
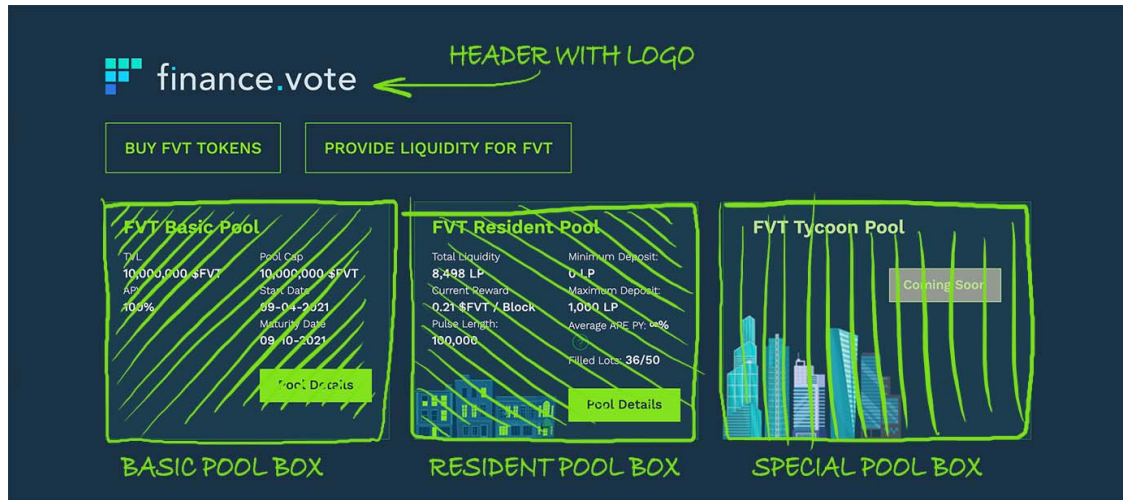

[Pool Details](#)

ITG Krill Pool

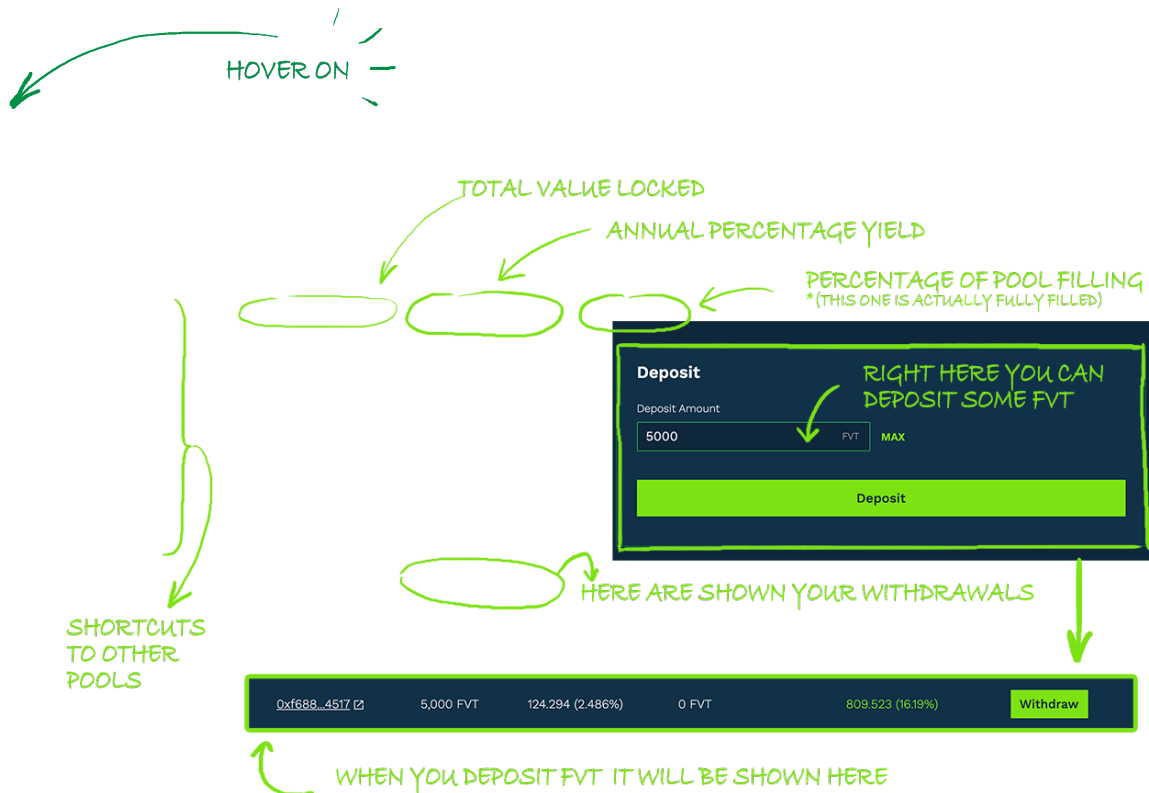
Total Liquidity: 0 LP
Current Reward: 0.02 \$\$ITG / Block
Pulse Length: 198,000

Minimum Deposit: 0 LP
Maximum Deposit: 1 LP
Average APE PY: ∞%
Filled Lots: 0/50


[Pool Details](#)



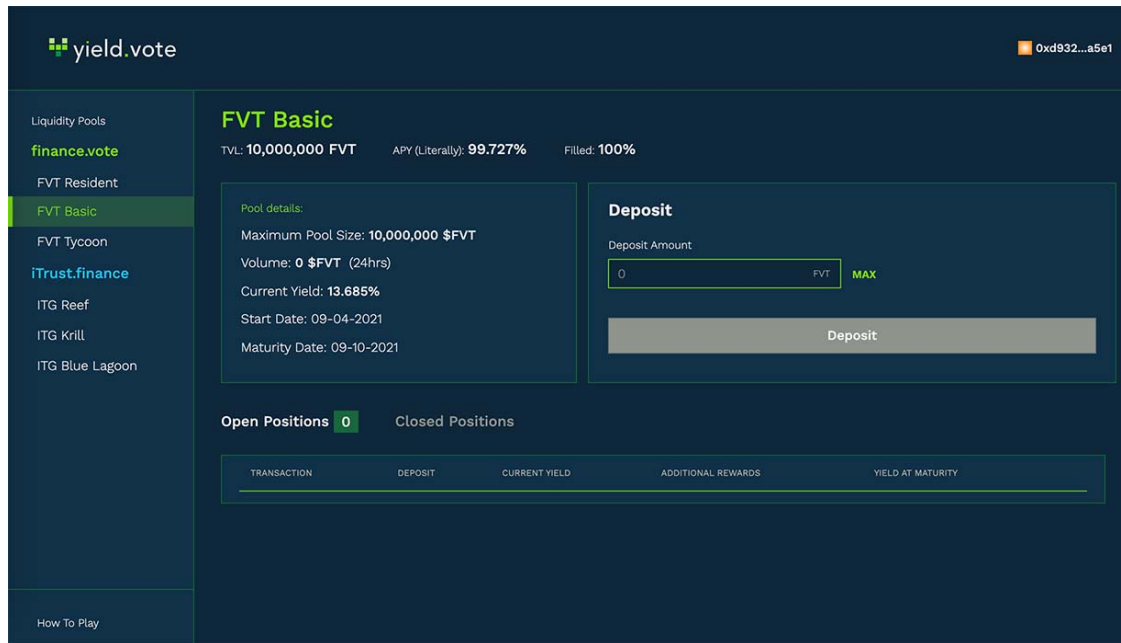
Let's take a look on Basic Pool site:



Hovering on the image releases another graphics which probably is a little disturbing for now, but don't worry, once you'll understand what's what, the schema becomes more helpful.

Let's start decrypting every element of the site:

1. On the left side there is a menu panel with shortcuts to all available pools.
2. Right below the name of the pool, there are 3 parameters:
 - **Total Value Locked** is a total amount of FVT currently deposited in the pool (from all user total).
 - **APY** stands for "Annual Percentage Yield". It is the amount of yield you would get on your principal (what you put in) annualised. In Basic Pool, your quotes are literal. What you see is what you get.
 - **Filled** stands for percentage of current pool filling (from all user total).
3. Pool details field
 - **Maximum Pool Size** - information on the pool size, meaning how much FVT can be deposit in the pool
 - **Volume** - information on how much FVT where deposited into the pool in the last 24 hours (from all user total)
 - **Current Yield** - information on current percentage (how much user will get at the maturation). (!) **This parameter decreases with pool maturing.**
 - **Start Date** - time when contract opens



- **Maturity Date** - time when contract reaches maturity and gets closed
4. Deposit field is something like a bank window, where you can deposit your FVT and send them to the pool. **MAX** button allows deposit a maximum allowed amount of FVT, considering your FVT balance and pool capacity.
 5. List of open and closed transactions shows only yours open and closed positions (not other users):

1. Open Positions elements:

- **Transaction** - hash of deposit transaction
- **Deposit** - amount of FVT deposited
- **Current Yield** - amount of yield that has grown till this moment (what you would get right now if you would make a withdrawal)
- **Additional Rewards** - amount of any additional rewards
- **Yield at Maturity** - amount of the yield you will get when the pool reaches maturity
- **Withdraw** button used for funds withdrawals

Open Positions 1		Closed Positions		
TRANSACTION	DEPOSIT	CURRENT YIELD	ADDITIONAL REWARDS	YIELD AT MATURITY
0x73bb...8bff	9,000 FVT	118.255 (1.314%)	0 FVT	1,280,718 (14.23%)
				Withdraw

2. Closed Positions elements:

- **Deposit Transaction** - hash of deposit transaction
- **Deposit** - amount of FVT deposited
- **Yield** - amount of yield collected
- **Withdraw Transaction** - hash of withdraw transaction

Open Positions 0		Closed Positions	
DEPOSIT TRANSACTION	DEPOSIT	YIELD	WITHDRAW TRANSACTION
0x73bb...8bff	9,000 FVT	118.274 (1.314%)	0x67d0...2faa

1.1.1 Deposit into Basic Pool

1. Enter deposit amount or use MAX button.
2. Hit Deposit button.
3. Confirm transaction fees in MetaMask pop up window.
4. If no error occurs, A deposit has been made! notification will pop up.
5. Finished transaction will be shown on list of open transactions.

Let's explain this more detailed over an example:

Example

Carla enters the Basic Pool and she sees that maximum pool size is 10,000,000 FVT but currently only 43,672 FVT are deposited into the pool (and that's 0.437% filled).

She sees that if she deposit now her yield at pool maturation will be 12.93%, so she decides to deposit 100 FVT (which will give her additional 12.93 FVT at pool maturity).

FVT Basic

TVL: 43,672 FVT APY (Literally): 99.727% Filled: 0.437%

Pool details:
Maximum Pool Size: 10,000,000 \$FVT
Volume: 23 \$FVT (24hrs)
Current Yield: 12.93%
Start Date: 09-04-2021
Maturity Date: 09-10-2021

Deposit
Deposit Amount
 FVT MAX

Deposit

Open Positions **0** Closed Positions

TRANSACTION	DEPOSIT	CURRENT YIELD	ADDITIONAL REWARDS	YIELD AT MATURITY
-------------	---------	---------------	--------------------	-------------------

She enters 100 FVT into Deposit Amount field and hits Deposit button. MetaMask notification pops up and she has to confirm transaction fees.

She waits a while till deposit is send to the pool and then she can see her transaction on the list of open transactions.

FVT Basic

TVL: 43,772 FVT APY (Literally): 99.727% Filled: 0.438%

Pool details:
 Maximum Pool Size: 10,000,000 \$FVT
 Volume: 123 \$FVT (24hrs)
 Current Yield: 12.924%
 Start Date: 09-04-2021
 Maturity Date: 09-10-2021

Deposit
 Deposit Amount
 FVT **MAX**

Deposit

Open Positions 1

Closed Positions

TRANSACTION	DEPOSIT	CURRENT YIELD	ADDITIONAL REWARDS	YIELD AT MATURITY	
0x098b_ae63	100 FVT	0 (0.000%)	0 FVT	12.93 (12.93%)	<div>Withdraw</div>

She also noticed that Volume field and Total Value Locked (TVL) has changed and now are enlarged by her deposit.

1.1.2 Withdraw from Basic Pool

1. Hit Withdraw button on the open positions list.
2. Information on deposit funds, current yield, yield at pool maturity and additional rewards will be shown as a pop up window. Read them carefully and keep in mind that once you'll withdraw your funds you won't be able to enter the pool on the same conditions again.
3. Click Withdraw.
4. Confirm transaction fees in MetaMask pop up window.
5. If no error occurs, Successful payout notification will pop up.
6. Withdrawn position will be shown on list of closed positions.

Let's explain this more detailed over an example:

Example

Carl entered the Basic Pool much sooner than Carla, that's why his yield at maturity percent was higher (14.23%). Now he wants to withdraw his funds from the pool.

FVT Basic

TVL: 43,772 FVT APY (Literally): 99.727% Filled: 0.438%

Pool details:

Maximum Pool Size: 10,000,000 \$FVT

Volume: 123 \$FVT (24hrs)

Current Yield: 12.916%

Start Date: 09-04-2021

Maturity Date: 09-10-2021

Deposit

Deposit Amount

0 FVT **MAX**

Deposit

Open Positions 1 **Closed Positions**

TRANSACTION	DEPOSIT	CURRENT YIELD	ADDITIONAL REWARDS	YIELD AT MATURITY	
0x73bb...8bff	9,000 FVT	118.255 (1.314%)	0 FVT	1,280.718 (14.23%)	Withdraw

He hits Withdraw button on the open positions list, which opens a pop up window with information on deposit funds, current yield, yield at pool maturity and additional rewards. He should take a minute and think whether he really needs to take out his fund because once he'll done it, there will be no coming back. And what's more, any further deposits will be less profitable since yield percent decreases as pool matures.

FVT Basic

TVL: 43,772 FVT APY (Literally): 99.727% Filled: 0.438%

Pool details:

Maximum Pool Size: 10,000,000 \$FVT

Volume: 123 \$FVT (24hrs)

Current Yield: 12.916%

Start Date: 09-04-2021

Maturity Date: 09-10-2021

Deposit

Deposit Amount

0 FVT **MAX**

Deposit

Withdraw Position

Deposit: 9,000 FVT

Current Yield: 118.255 FVT (1.314%)

Yield at maturity if you keep your position: 1,280.718 FVT (14.23%)

Additional rewards: 0 FVT

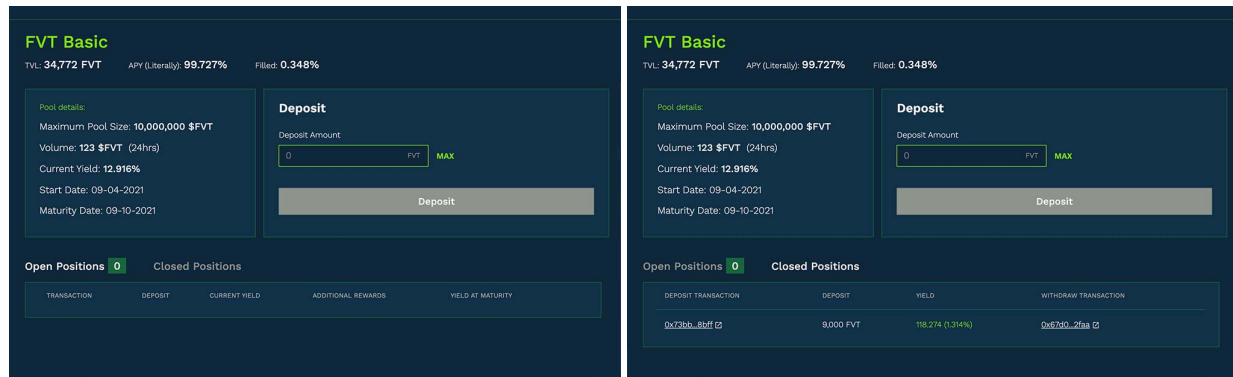
Withdraw

Open Positions 1 **Closed Positions**

TRANSACTION	DEPOSIT	CURRENT YIELD	ADDITIONAL REWARDS	YIELD AT MATURITY	
0x73bb...8bff	9,000 FVT	118.255 (1.314%)	0 FVT	1,280.718 (14.23%)	Withdraw

Carl however is decided and clicks Withdraw button and confirms transaction fees in popped up MetMask window.

He waits a while and then he sees that his transaction disappeared from open transactions list but appeared on the closed positions list instead.



He also noticed that Total Value Locked (TVL) has changed and now is reduced by his withdrawal.

1.2 Resident Pools

Once you've learned how Basic Pool works, it shouldn't be too hard to understand how Resident Pool works.

Resident Pool is a new kind of liquidity mining.

As a user you will gain access to network emission by holding a protocol property.

Protocol property is a slot in a smart contract that provides you access to the liquidity incentive token inventory of the finance.vote protocol.

Resident Pool uses 'Harberger Taxes' to broker ownership of these slots in an on-going manner.

Main Resident Pool page looks alike to Basic Pool page.



Hovering on the image above releases another graphics but you shouldn't be surprised with this anymore. Again, let's decrypt every element of this site, as we did before:

1. On the left side there is a menu panel with shortcuts to all available pools.
2. Right below the name of the pool, there are 2 parameters:
 - **Total Liquidity** is a total amount of LP Tokens staked in the pool (from all user total).
 - **Average APE PY** stands for "Average Pulse Expected Percentage Yield".
 - **Average APY** stands for "Average Annual Percentage Yield".
3. Pool details field
 - **Volume** - how much LP Tokens were staked in the last 24 hours (from all user total)
 - **Minimum Deposit** - minimum amount of LP Tokens that can be staked
 - **Maximum Deposit** - maximum amount of LP Tokens that can be staked
 - **Lots filled** - number of currently occupying lots

Handwritten annotations on the finance.vote interface:

- TOTAL LIQUIDITY IN THE POOL**: Points to the 'Total Liquidity' field.
- AVERAGE PULSE EXPECTED PERCENTAGE YIELD**: Points to the 'Average APE PY' field.
- AVERAGE ANNUAL PERCENTAGE YIELD**: Points to the 'Average APY' field.
- YOU CAN STAKE LP TOKENS HERE TO OCCUPY THE PROPERTY**: Points to the 'Stake LP Tokens' button.
- BUTTON TO WITHDRAW REWARDS FROM LOTS**: Points to the 'Withdraw' button.
- REWARDS IN CURRENT PULSE**: Points to the 'Current Rewards' field.
- NUMBER OF OCCUPYING LOTS**: Points to the 'My Lots' field.
- SUM OF REWARDS FROM ALL YOUR CURRENTLY OCCUPYING LOTS**: Points to the 'Total Rewards' field.
- WHEN YOU STAKE LP TOKENS OCCUPIED LOT WILL BE LISTED HERE**: Points to the 'Occupied Lots' table.

LOT NO	OCCUPANT	DEPOSIT	BURN RATE	REWARDS	APEPY	APY	Claim Lot	Withdraw
5	0xd932...a5e12	44,2844 SLP	1.01 SLP / Pulse	19,095.0078 \$FVT	1,940 %	407 %	Claim Lot	Withdraw
10	0xd932...a5e12	99,3535 SLP	0.11 SLP / Pulse	119,347.231 \$FVT	17,857 %	181 %	Claim Lot	Withdraw

yield.vote 0xd932...a5e1

finance.vote

FVT Resident

Total Liquidity: **3183 SLP** Average APE PY: **00%** Average APY: **897%**

Pool details:

- Volume: **0 SLP** (24hrs)
- Minimum Deposit: **0 SLP**
- Maximum Deposit: **1,000 SLP**
- Lots Filled: 22/50
- Current Pulse Length: 100,000 blocks (~2 weeks)
- Slot Rewards / Pulse: 20,000

Lots **0** **Total Rewards** **0.0000 \$FVT**

My Lots **0** **Occupied Lots**

Rewards Graph:

The graph shows 'Tokens / Block' on the Y-axis (0 to 0.625) and 'Time' on the X-axis (27/11 to 12/12). A green curve represents the reward rate, which decreases over time. A point on the curve is labeled 'Current Rewards: 0.0773 \$FVT'.

LOT NO	OCCUPANT	DEPOSIT	BURN RATE	REWARDS	APEPY	APY

- **Current Pulse Length** - how many blocks will be in the current pulse
 - **Slot Rewards / Pulse** - rewards distributed per pulse
4. Below Pool details there is a field with two information:
- **Lots** - number of yours occupied lots.
 - **Total rewards** - a sum of rewards from all your currently occupying lots. If you'll pay out any rewards *total rewards* won't change, but will if you'll vacate a Lot or get kicked out from it (*Total rewards* decrease by the number of total rewards from that Lot).
5. On the right side there is a chart showing rewards in the current pulse. Since it's not a flat rate, it starts off higher and then lowers quadratically. So the earlier you get in, the more you'll earn.
6. Last element is the list of Occupied Lots. Here you can see every occupied Lot, regardless of whether it is occupied by you or not. To see only yours lots (if you have any) choose My Lots tab. Elements of list of Occupied lots:
- **Lot No** - occupied property number
 - **Occupant** - wallet address of occupant
 - **Deposit** - current Lot price (initial deposit constantly decreasing by burn rate per pulse). This is also minimal amount of LP Tokens required to claim this Lot
 - **Burn rate** - amount of LP tokens that are burned per pulse
 - **Rewards** - the amount of profit from the property occupying. It is calculated from the start of Lot occupying and if you withdraw some funds during occupying the total amount won't change.
 - **APEPY** - Average Pulse Expected Percentage Yield for the specific Lot
 - **Claim Lot** - button used for taking over the Lot
 - **Withdraw** (button shown only on your Lots) - button used for withdraw current available rewards

LOT NO	OCCUPANT	DEPOSIT	BURN RATE	REWARDS	APEPY		
8	0xd932...A5E1r	0 \$LP	0.05 \$LP / Pulse	6,411.3176 \$ FVT	26.9157 %	Claim Lot	Withdraw
6	0xdB14...0D69E	5.0285 \$LP	0.01 \$LP / Pulse	7,516.986 \$ FVT	140.56 %	Claim Lot	

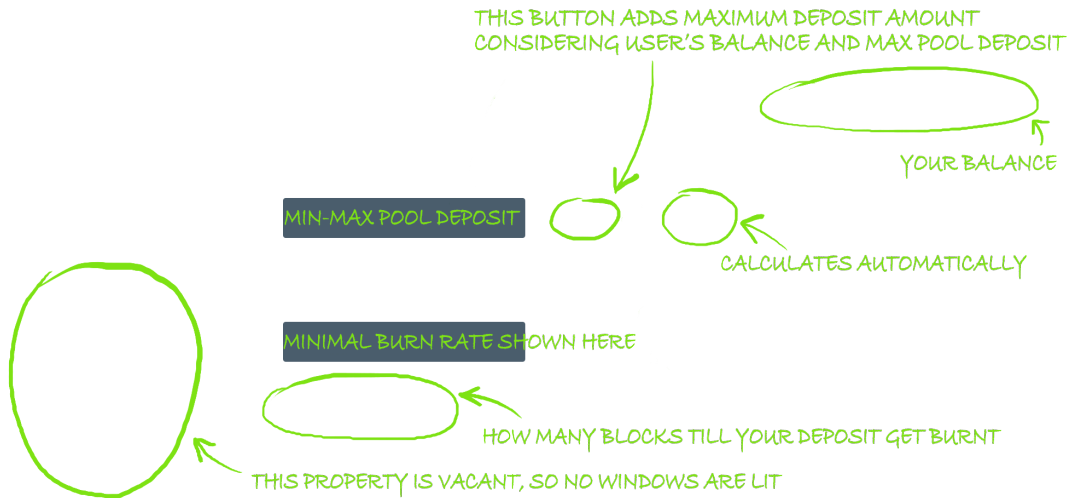
1.2.1 Staking LP Tokens (Occupying Lot)

Before we dive into this, you can see how Resident Pool works in Dr Nick's short overview video:

To become a property owner you'll have to stake LP tokens. We assume you've already have them (if not, see here [how to gain some](#)).

1. Hit Stake LP Tokens button.
2. From the left column choose number of Lot you would like to occupy (every number has its own personalized image).

You can occupy either vacant or already occupied Lot. The difference between them is initial **minimum LP tokens deposit** and initial **Burn Rate**. With the vacant Lots, those indexes are set by pool. With the occupied ones they are set by occupant and you have to outbid both of that to take over the Lot.



Stake LP Tokens

Claim a Lot to start earning rewards

Lot 9 va... ▾

Select a vacant lot or choose an occupied lot to kick out the owner



Lot 9 - Vacant

\$LP Token Balance: 970.26 \$LP

Deposit Amount (LP)

Min. 1

MAX

Current APE PY ⓘ

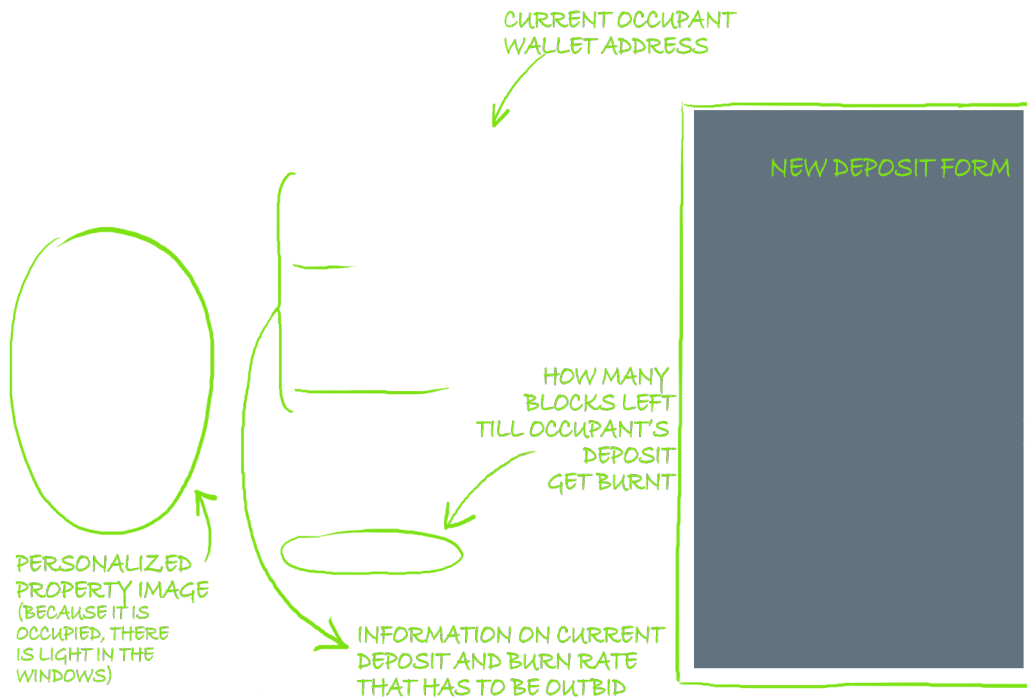
∞ %

Burn Rate (LP / Pulse)

Min. 0.0013

Blocks till burned: ∞

Claim Lot




Stake LP Tokens

Claim a Lot to start earning rewards

Lot 1 oc... ▾

Select a vacant lot or choose an occupied lot to kick out the owner



Lot 1 - Occupied

Occupant: [0xb9d9...444e7](#)

Current Deposit

0 LP

Current Burn Rate

0.021 LP / Pulse

Current APEPY [?]

64.87 %

Blocks till burned: 0

\$LP Token Balance: 970.26 \$LP

New Deposit (LP)

Min. 1 **MAX**

New Burn Rate (LP / Pulse)

Min. > 0.021

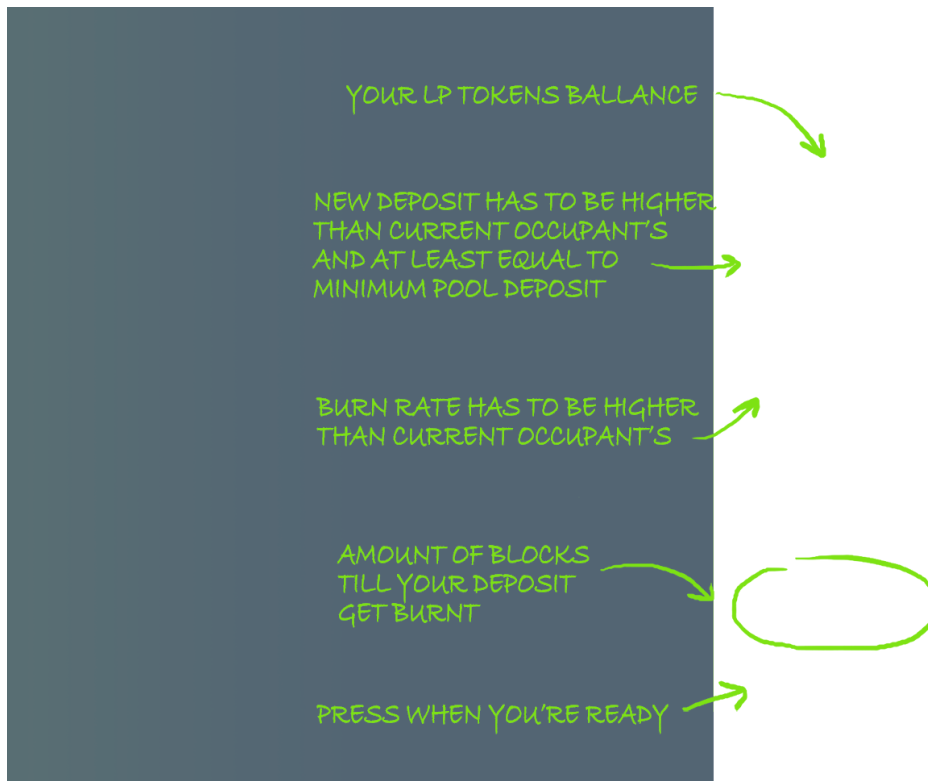
New APEPY [?]

∞ %

Blocks till burned: ∞

Occupy Lot

3. Set Deposit Amount (or New Deposit in occupied Lot).
4. Set Burn Rate (or New Burn Rate in occupied Lot). This index is the amount of LP tokens that are burned per pulse and it is strictly connected with the 'Harberger Tax'.



5. Current APEPY (or New APEPY) will calculate automatically. If you are not satisfied with its rate, you can try to set different Burn Rate. *hint: the smaller Burn Rate, the better APEPY is.*
6. Hit Claim Lot button.
7. Confirm transaction fees in MetaMask pop up window.
8. If no error occurs, A deposit has been made! notification will pop up.
9. Claimed Lot will be shown on the list in My Lots tab.


My Lots 4 Occupied Lots						
LOT NO №	OCCUPANT №	DEPOSIT №	BURN RATE №	REWARDS №	APEPY №	
1	0xd932...A5E1 ✕	0.9998 \$LP	0.022 \$LP / Pulse	0.5167 \$ FVT	61.7093 %	<div>Claim Lot</div> <div>Withdraw</div>
3	0xd932...A5E1 ✕	6.2967 \$LP	0.0025 \$LP / Pulse	17,235.863 \$ FVT	632.52 %	<div>Claim Lot</div> <div>Withdraw</div>
7	0xd932...A5E1 ✕	9.5096 \$LP	0.0013 \$LP / Pulse	9,544.038 \$ FVT	1,265.04 %	<div>Claim Lot</div> <div>Withdraw</div>
8	0xd932...A5E1 ✕	0 \$LP	0.05 \$LP / Pulse	6,696.8536 \$ FVT	26.9157 %	<div>Claim Lot</div> <div>Withdraw</div>

Stake LP Tokens

Claim a Lot to start earning rewards

Lot 1 oc... ▾

Select a vacant lot or choose an occupied lot to kick out the owner



Lot 1 - Occupied

Occupant: [0xb9d9...444e7](#)

Current Deposit

0 LP

Current Burn Rate

0.021 LP / Pulse

Current APEPY [?]

64.87 %

Blocks till burned: 0

\$LP Token Balance: 970.26 \$LP

New Deposit (LP)

1 MAX

New Burn Rate (LP / Pulse)

0.022

New APEPY [?]

61.71 %

Blocks till burned: 5681.8181818182

Occupy Lot

1.2.2 Withdraw or Vacate

1. Press withdraw button

FVT Resident

Total Liquidity: 57 LP Average APE PY: 661.17 % [?]

Pool details:

Volume: 1 \$LP (24hrs)

Minimum Deposit: 1 \$LP

Maximum Deposit: 100 \$LP

Lots filled: 8/9

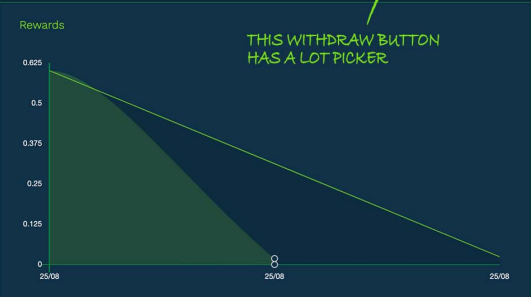
Current Pulse Length: 125 blocks

Lots 4 **Total rewards** 7831.823808 \$FVT

My Lots 4 Occupied Lots

LOT NO	LOT %	OCCUPANT	DEPOSIT	BURN RATE	REWARDS	APEPY		
8		0xd932...A5E72	0 \$LP	0.05 \$LP / Pulse	7,756.2512 \$FVT	26.9157 %	Claim Lot	Withdraw
1		0xd932...A5E72	0.0771 \$LP	0.022 \$LP / Pulse	1,059.9143 \$FVT	61.7093 %	Claim Lot	Withdraw
3		0xd932...A5E72	6.1918 \$LP	0.0025 \$LP / Pulse	18,295.2606 \$FVT	632.52 %	Claim Lot	Withdraw
7		0xd932...A5E72	9.4551 \$LP	0.0013 \$LP / Pulse	10,603.4356 \$FVT	1,265.04 %	Claim Lot	Withdraw

Rewards



THIS WITHDRAW BUTTONS ARE CONNECTED DIRECTLY TO THE SPECIFIC LOTS

2. Window with details will pop up. Here you can check what was your **initial deposit**, how much LP was **burned** till now and how many **blocks till the end of current pulse** left. You can either **withdraw** available rewards or **vacate**

the lot. When you vacate the lot, you gain available rewards and all **unburned LP that has left** (if there is any). Withdrawal lets you gain rewards while keeping the lot.



Withdraw or Vacate Withdraw your rewards or vacate your lot to leave with your deposit and rewards

Lot 8 Blocks till end of pulse: 120

Select one of your lots to withdraw or vacate

Initial Deposit: 2 \$LP

\$LP burned: 2 \$LP

Rewards available: 7,756.25 \$ FVT + 191,755 \$ FVT

\$LP left to withdraw: 0 \$LP

Withdraw Rewards **Vacate Lot**

8 0xd932...A5E12 0 \$LP 0.05 \$LP / Pulse 7,756.2512 \$TSST 26.9157 % Claim Lot

3. Press **Withdraw Rewards** or **Vacate Lot** button.
4. Confirm transaction fees in MetaMask pop up window.
5. If no error occurs, **Successful payout!** or **Successful vacate!** notification will pop up. Either option, **Total Rewards** field will enlarge by the amount of gained rewards. If you chose to **Vacate** option, besides **Total Rewards** enlarge, the **Lots counter** will also decrease by 1.

Lots	Total rewards	Lots	Total rewards
4	7831.823808 \$FVT	3	15589.7339904 \$FVT



Liquidity Pools

finance.vote

FVT Resident

Most Basic

FVT Tycoon

iTrust.finance

ITG Reef

ITG Krill

ITG Blue Lagoon

How To Play

Docs

finance.vote

Maximum Deposit: 997 \$LP

Lots filled: 8/10

Current Pulse Length: 1,000 blocks

Lots

2

Total rewards

2356.6583682

\$ FVT

My Lots

2

Occupied Lots

LOT NO ⌵	OCCUPANT ⌵	DEPOSIT ⌵	BURN RATE ⌵	REWARDS ⌵	APEPY ⌵	
3	0xE631...B82f 🔗	19.8776 \$LP	0.01 \$LP / Pulse	2,412.6908 \$ FVT	171:1967 %	<div>Claim Lot</div> <div>Withdraw</div>
7	0xE631...B82f 🔗	14.8776 \$LP	0.01 \$LP / Pulse	2,412.928 \$ FVT	171:1967 %	<div>Claim Lot</div> <div>Withdraw</div>

1.3 Tycoon Pools

Not available yet :)

SETTING UP

Clone following repository:

- <https://gitlab.com/finance.vote/yield.vote>

Prerequisites:

- Created an account on GitLab via invite
- Code editor installed

1. In the yield.vote terminal:

```
git checkout develop
```

2. In the main yield.vote folder create **.env.local** file and put in there:

```
REACT_APP_MAINNET_PROVIDER_URL='wss://mainnet.infura.io/ws/v3/  
↳822386a234764efbb051a77ae93c1e79'  
REACT_APP_ROPSTEN_PROVIDER_URL='wss://ropsten.infura.io/ws/v3/  
↳822386a234764efbb051a77ae93c1e79'  
REACT_APP_BSC_PROVIDER_URL='https://bsc-dataseed.binance.org/'  
REACT_APP_LOCAL_PROVIDER_URL='ws://localhost:8545'
```

3. Install dependencies:

```
npm install
```

4. Run application:

```
npm start
```

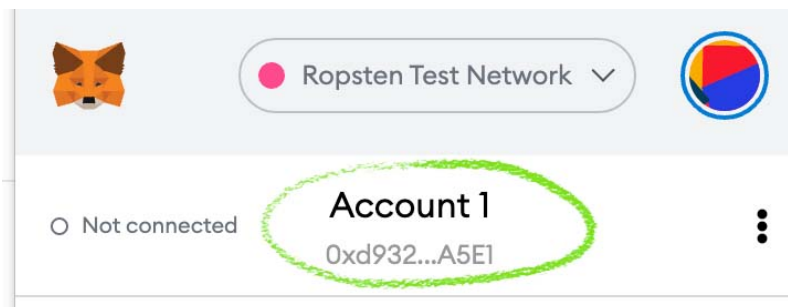

TOKENS GAINING

Important: Below descriptions concern receiving test tokens and providing liquidity on ropsten testnet **BUT** it works the same on the mainnet and those instructions can be used to gain FVT and LP tokens in mainnet as well.

To test our app, first of all, you'll have to have some ether on **ropsten testnet**. To gain some, you can use one of the ropsten ethereum faucet. Unfortunately, faucets dries out fast, so it is a challenge to find a running one.

Happily, this one is running for now: [Faucet here](#) (we assume, you've already have MetaMask added to your browser and do have a wallet address. If not, just [go here](#) and do that).

Copy your address wallet by simply clicking on your Account name...



...and enter it into field on the faucet site. It can take from several minutes to few hours of waiting, depending on how long address queue is.

We've created two tokens in purpose of testing providing liquidity, resident pools working and so on. We've named them TSST and BeSt.

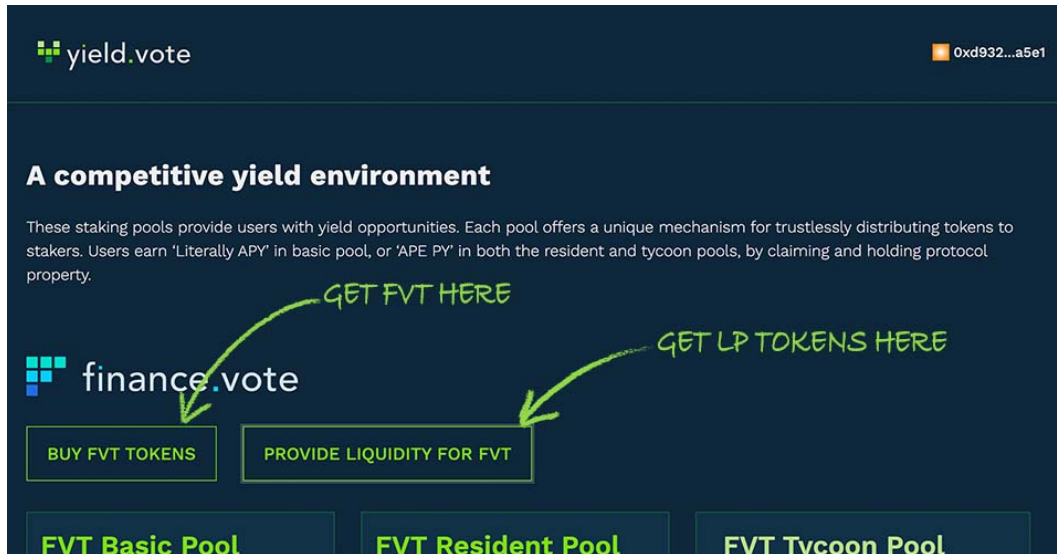
Within yield.vote we use 3 kind of pools:

1. Basic
2. Resident
3. Tycoon (not available yet)

Basic pool requires FVT to play, while Resident requires LP tokens to do so.

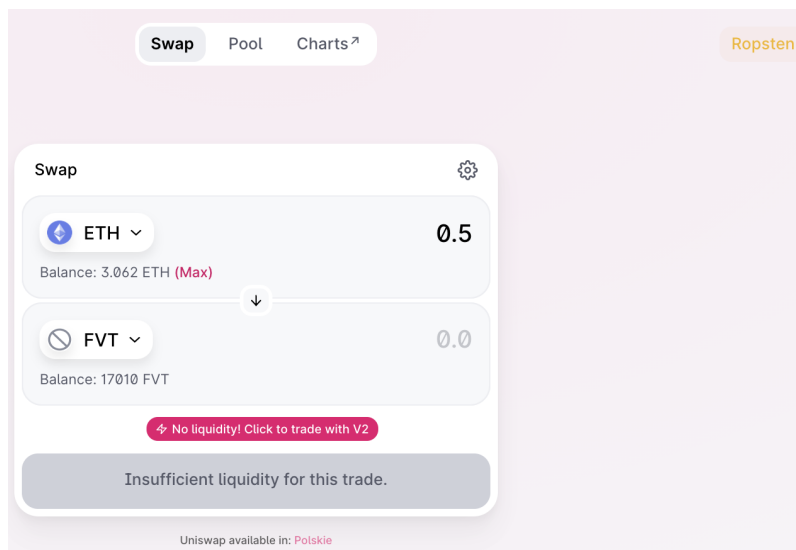
3.1 Swapping for FVT (or TSST and BeSt)

On the main yield.vote page, click *Buy FVT Tokens* button.



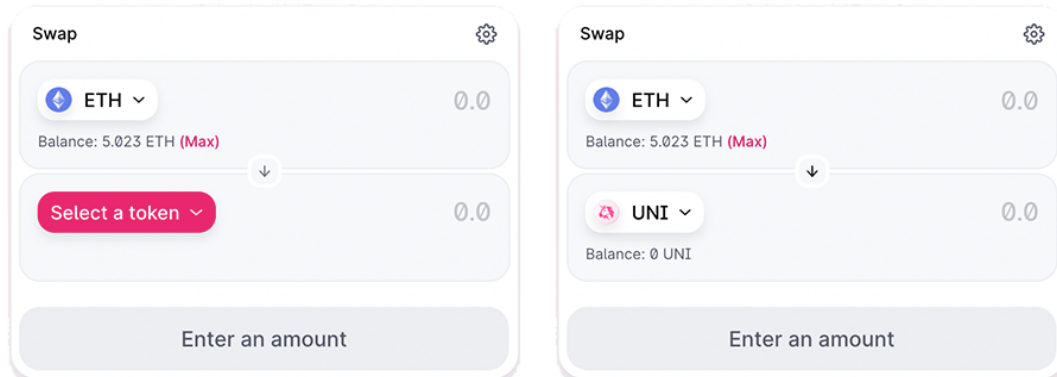
It will redirect you to [Uniswap app](#) where you can exchange ETH for FVT, TSST or BeSt.

Important: Make sure you are on Uniswap V2, otherwise you'll get "No liquidity" message.



Don't spend all of your ether, because you'll need some to cover transaction fees. We recommend swapping 1 or less Ether for now.

If there is no token in the bottom field or there is different than FVT, then simply click in the wrong or missing currency button and from the list choose FVT or one of the test tokens TSST or BeSt...



...but if it is not there you'll need to add it manually.

Tokens Addresses

FVT token address:

`0xf7ef90b602f1332d0c12cd8da6cd25130c768929`

TSST token address:

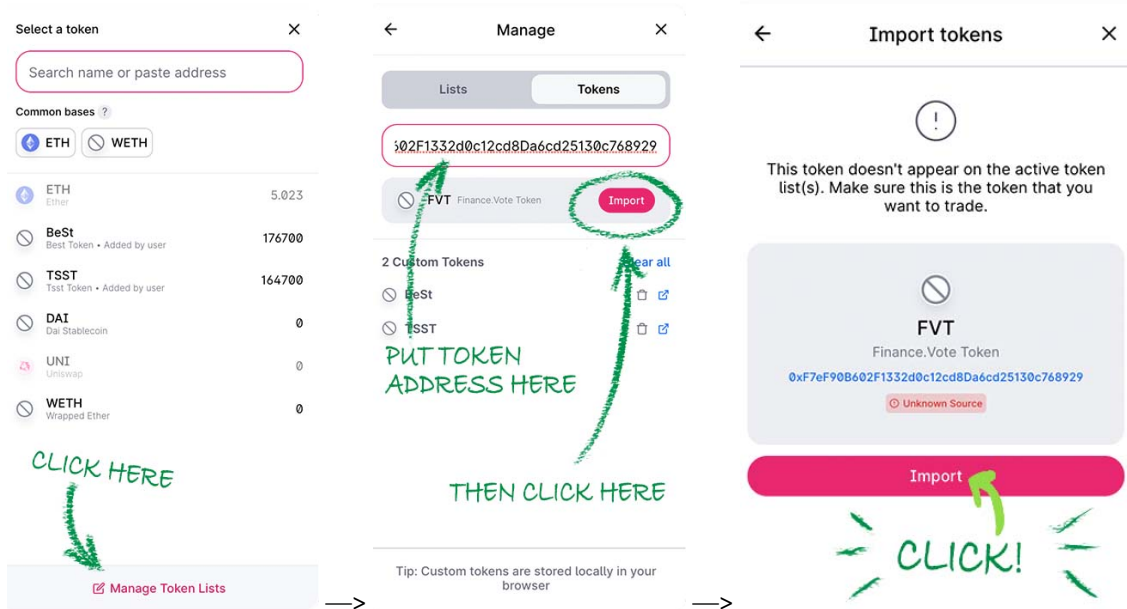
`0xBFe5C40d16Be2EC652A627b1c2922B076DE267fD`

BeSt token address:

`0x46a0b72f44c0B380e85BE1215E3F7CAb1efaF046`

Click on **Manage token list**:

Steps

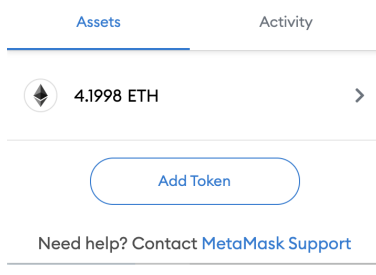


To use test tokens, do the same for TSST and/or BeSt.

When it's done, you should be able to swap ETH for FVT, TSST or BeSt:

1. Simply put interesting you amount of ETH in the ETH field (like 0.8 for example), the value of the exchanged cryptocurrency will be calculated automatically.
2. Click on swap button.
3. In the pop up window there are information on Liquidity Provider Fee, Price Impact, Minimum received and slippage tolerance. You can take a minute to analyse them, then hit **confirm swap** button.
4. Now confirm transaction in MetaMask.
5. After it's confirmed and no error occurs, in the upper right corner you should see **Pending** notice. Wait several seconds (sometimes it is a little longer than that), then check on your balance if ETH were subtracted from it. If so, you should have exchanged cryptocurrency in your wallet.

Important: You will probably want to add FVT, TSST and BeSt tokens to your MetaMask wallet, as you added to swap form. Simply hit **Add Token** button in **Assets** tab in MetaMask, then put token address in there.



3.2 Getting LP tokens

To receive LP tokens, user needs to provide liquidity to one of the pools.
We operate on uniswap and sushiswap pools.

Before you enter the pool, you'll have to get some TSST and BeSt tokens. Below list of our test pools and information on token they are using:

1. Basic:

* FVT Basic	-	FVT
-------------	---	-----

2. Resident:

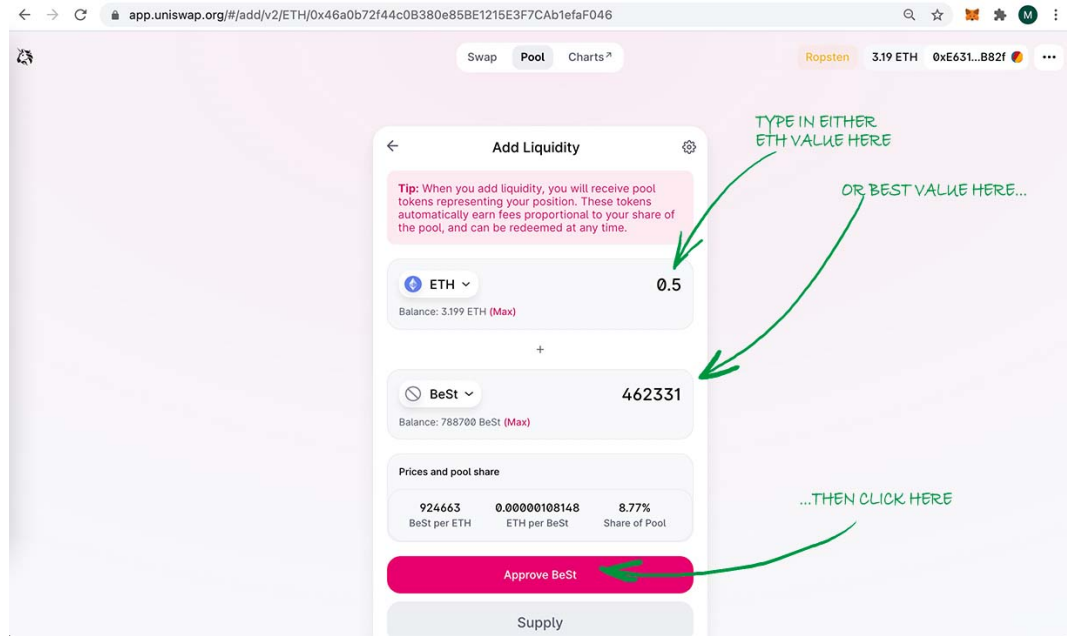
* FVT Resident	-	LP token	(FVT/ETH)
* TSST sushi	-	SLP token	(TSST/ETH sushiswap pool)
* TSST uni	-	UNI-V2 token	(TSST/ETH uniswap pool)
* BeSt uni	-	UNI-V2 token	(BeSt/ETH uniswap pool)
* Resident new	-	UNI-V2 token	(BeSt/ETH uniswap pool)

Warning: Even when they take the same pair of tokens, pools on sushiswap and uniswap ARE NOT THE SAME POOLS. LP tokens gained from them won't sum together. You'll have SLP gained from sushi pool and UNI-V2 gained from uni pool listed separately on your token list.

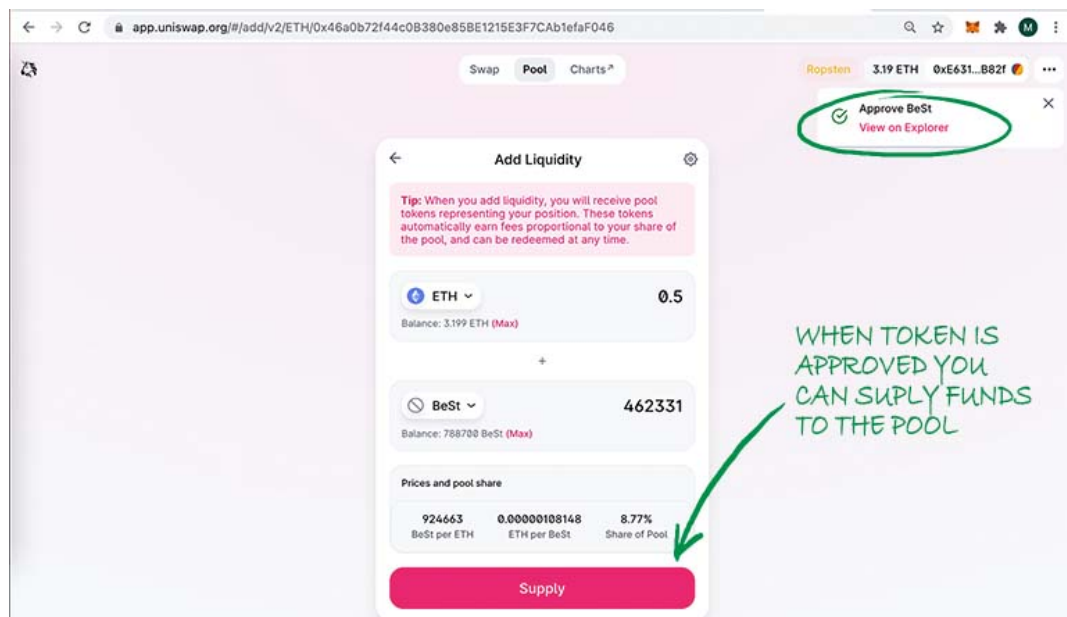
Also You'll have 2 separated UNI-V2 positions in wallet, since their pools takes different pairs of tokens.

3.2.1 Uniswap pool

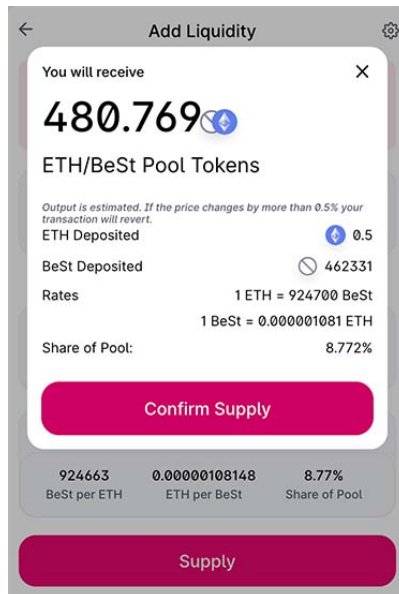
1. To access uniswap pool you can click on the main yield.vote site **provide liquidity for FVT** button or [click here](#) or in uniswap app choose pool -> view v2 liquidity -> add v2 liquidity.
2. From bottom token selector choose BeSt or TSST (depending which LP token you need, see list above).
3. Type in either ETH value or BeSt(or TSST) value, the second one will calculate itself automatically. If everything will be okay then you should be able to see "Approve BeSt" (or TSST) button.



- MetaMask pop up window will appear. Click confirm.
- When BeSt/TSST will get approved (it could take up to several minutes) you can supply to the pool.



- Confirmation window will pop up with additional information on LP tokens amount receive, rates, share of the pool and amount of tokens supplied. Click Confirm supply button.



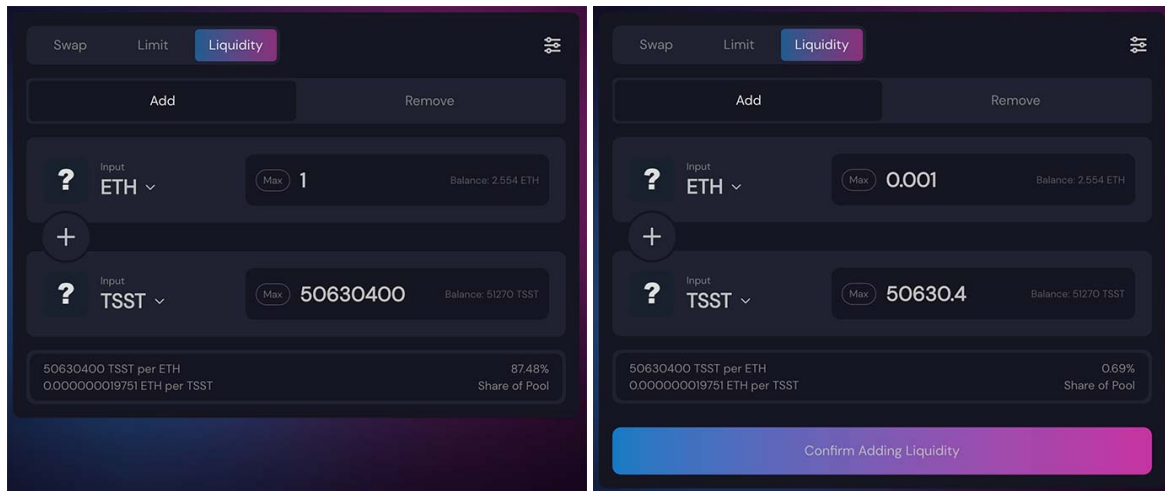
7. Another confirmation window will pop up, confirm in MetaMask. You can click “Add Uni-V2 token to MetaMask”, which we recommend to click.
8. When transaction gets approved LP tokens will be added to your balance.

3.2.2 Sushiswap pool

For now, we only use TSST/ETH pool on sushiswap. If you don't see TSST token on token selector list, check [manage token list in swapping tokens section](#). Method to add TSST token in sushiswap is identical to method in uniswap.

1. To access sushipool click [here](#) or in sushi app choose pool -> add.
2. From bottom token selector choose TSST.
3. Type in either ETH or TSST value, the second one will calculate itself automatically. If everything will be okay then you should be able to see “Approve TSST” button.
4. MetaMask pop up window will appear. Click confirm.
5. When TSST will get approved (it could take up to several minutes) you can supply to the pool, by clicking Confirm Adding Liquidity button.

Important: If ETH or TSST value will be too high, Adding Liquidity button won't appear. Make sure you are not trying to add funds above your limit.



6. Confirmation window will pop up with additional information on LP tokens amount receive, rates, share of the pool and amount of tokens supplied. Click **Confirm supply** button.
7. Waiting for confirmation window will be shown and MetaMask confirmation window will pop up. Click confirm.
8. When transaction gets approved LP tokens will be added to your balance.

3.3 LP Tokens Addresses

In case you didn't add LP tokens to your wallet after liquidity providing confirmation or it didn't work, here we give LP tokens addresses:

LP tokens addresses

TSST/ETH sushi (SLP):

`0x485345705b85a416fa1276fbca7fb81f3ebd9d13`

BeSt/ETH sushi (SLP):

`0xc3795a945923914f0e5e4cf45c68f523fe835238`

TSST/ETH uni (UNI-V2):

`0xf5a9c4e4fc81a9f628058c18322fd1d7f51452a0`






BeSt/ETH uni (UNI-V2):

`0xa34cab81aa58cef453a73cdf5600b9b699f9d66`

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

OUR PRODUCTS

-  launch
-  bank
-  influence
-  markets
-  mint

5.1 Back to main page

-  Home