

First Votes of the RealToken DAO

In addition to the Wiki practical guide <https://wiki.realtoken.community/fr/DAO/Guide>, on the occasion of the first votes (October, November 2024), this document details:

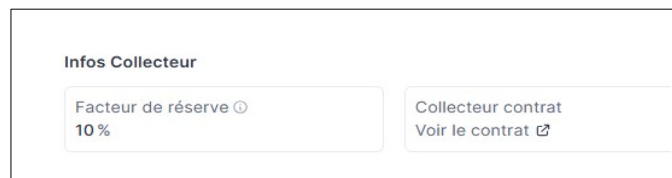
1. where do the DAO funds come from,
2. where does your voting power come from,
3. the stages of a vote,
4. how to check the execution of a vote,
5. the stages of an incentive period.

1 - Where do the DAO funds come from?

1.1 - In Stablecoin

stablecoin funds of the DAO, come from RMM v3.

The borrowing interests on RMM are distributed to the Lenders and the Reserve Factor (for 10%):
See image extracted from the information appearing on each of the two reserves (USDC and XDAI)



On October 23, RealT completed the following transfers from the collector contract:

<https://gnosisscan.io/address/0x586B572EDF0916D2aFEa1f909B1ff8D8eC8a4210#tokentxns>

- 16,800 armmXDAI and 12,000 armmUSDC to the DAO Treasury contract (<https://gnosisscan.io/address/0x3f2d192f64020da31d44289d62db82ade6abee6c>)
- 4200 armmXDAI and 3000 armmUSDC to AAVE
This part corresponds to the commitment made during the creation of version 3 of the RMM to share the costs of the RMM at 20% in favor of AAVE (the RMM being built from the basic contracts of AAVE)

See the “Out” movements on the extract of transactions on the collector contract

0xfcec03a52a0...	Transfer	36652587	6 days ago	0x586B572E...8eC8a4210	OUT	0x3f2d192F...dE6ABee6c	16,800	ERC20 ***
0xfcec03a52a0...	Transfer	36652587	6 days ago	0x00000000...00000000	IN	0x586B572E...8eC8a4210	0.04061798	ERC20 ***
0x72b91962b7...	Transfer	36652574	6 days ago	0x586B572E...8eC8a4210	OUT	0x3f2d192F...dE6ABee6c	12,000	ERC20 ***
0x72b91962b7...	Transfer	36652574	6 days ago	0x00000000...00000000	IN	0x586B572E...8eC8a4210	0.012766	ERC20 ***
0x9a082fc38e1...	Transfer	36652483	6 days ago	0x586B572E...8eC8a4210	OUT	0x3e652E97...b62F1Fb51	3,000	ERC20 ***
0x9a082fc38e1...	Transfer	36652483	6 days ago	0x00000000...00000000	IN	0x586B572E...8eC8a4210	7.077313	ERC20 ***
0xe7d7629f3cc...	Transfer	36652377	6 days ago	0x586B572E...8eC8a4210	OUT	0x3e652E97...b62F1Fb51	4,200	ERC20 ***

1.2 - In REG

The DAO Treasury Safe contract also contains REG . In

accordance with the token economy (<https://medium.com/realtfrench/token-economy->

[ce7a2455dead](#)) 51.6 million REG were minted for the DAO Treasury in several stages:

- During the Genesis airdrop (May 2024):
 - 2.1 million REG were minted and placed in a distribution vault
<https://gnosisscan.io/txs?a=0xa99302f22f646c075413c69f2565fe69b5f5829a>
 - 762 K REG were claimed on the vault, by wallet owners registered with RealT,
 - The unclaimed 1.3 million were transferred to the treasury contract.
- October 23: 49.5 million REG (51.6 – 2.1) was minted on the treasury contract
Tx: <https://gnosisscan.io/tx/0x2f8f791bac1fcc4c427f343e5bc8537c87d8fcee103b42a4a88af2649c78c7f2>

The treasury contract therefore currently contains:

- In stable coin: 16818 armmXDAI and 12012 armmUSDC (quantities increase over time, since they are on RMM)
- in REG 50.8 million REG (49.5 + 1.3), which at the current REG price is \$67.1 million

ERC-20 tokens (3)	
RealToken Ecosyst...	\$67,104,972.00
50,837,100 REG	@1.32
RealT RMM V3 WXDAI	
16,817.65293397 armmv3WXDAI	
RealT RMM V3 USDC	
12,011.922533 armmv3USDC	

Total amount in \$, which you can find on Tally (<https://www.tally.xyz/gov/realtoken-ecosystem-governance>)

Realtoken Ecosystem Governance		
REG governance enables decentralized decision-making for dapps in the RealTokens RWA tokenization ecosystem. Version 1 offers a glimpse of the future possibilit...		
Delegates 6.29K 6,28K token holders	Proposals 1 No active proposals	Treasury \$ 67M 1 treasury source

Note: This valuation is "misleading", because only 760 K REG are in circulation (on holder wallets, on pools, etc.).

If all or part of the 50 million REG in the treasury were put on the market, the value of the REG would collapse and the amount in \$ that would be obtained from it would be much less than the figure displayed.

2 - Where does your voting power come from?

Before one (or more) vote(s), a snapshot is taken in order to: collect all the REG that you own (on your wallet, on pools, in vaults), then make a "clever" calculation to determine your voting power.

2.1 - First Snapshot (October 28)

The formula used for this first calculation of voting power is as follows:

- REG tokens in wallets: 1 vote per token,
- REG tokens in liquidity pools: 1.2 votes per token
- Liquidity provided in return: 0.5 votes per REG equivalent

Example :

- 1000 REG in a wallet = 1000 votes
- 500 REG in a liquidity pool = 600 votes (500 * 1.2)
- 1000 USDC in a REG/USDC pool where 1 REG = 1.30 USDC:
 - REG equivalent = 1000 / 1.30 = 769.23 REG
 - Voices = 769.23 * 0.5 = 384.62 votes

Votes (REGPowerVoting) are assigned to wallets that own REG or have deposited them on Pools or Vaults. They are non-transferable and visible on Tally or Explorer

<https://gnosisscan.io/token/0x6382856a731Af535CA6aea8D364FCE67457da438#balances>

Voting power does not change until another snapshot is taken.

2.2 - Second Snapshot (November 14)

A new Snapshot has been triggered, in order to integrate:

- Users who had a *Walletless and who have switched to Realtoken Wallet* in the meantime (they now have an address, which will allow them to block REG in the incentive Vault and vote),
- Account for REGs deposited in the Incentive Vault.

The new formula for calculating voting power (the boost being the ratio between PowerVoting and REG) is as follows:

- 2x pool boost for REG and REG equivalent
- 0.5 boost for wallets (so division by 2)
- 2x boost for deposits in the incentive vault

Example :

- 1000 REG in a wallet = 500 votes
- 500 REG in a liquidity pool = 1000 votes ($500 * 2$)
- 1000 USDC in a REG/USDC pool where 1 REG = 1.30 USDC:
 - REG equivalent = $1000 / 1.30 = 769.23$ REG
 - Votes = $769.23 * 2 = 1,538.46$ votes
- 500 REG in the Incentive Vault = 1000 votes ($500 * 2$)

2.3 – Snapshot Vote Proposal

RealT, which sets the calculation rules for the first snapshots, will gradually pass this mission to the DAO. A first voting proposal, to create a corresponding committee, has been launched:

<https://forum.realtoken.community/d/19-proposal-definition-of-powervoting-snapshot-rules-and-algorithms-post-epoch-1/2>

3 - The stages of a vote (the first)

<https://www.tally.xyz/gov/realtoken-ecosystem-governance/proposal/28213240959912843277308722829732500104869751685667810108713258122761536431852>

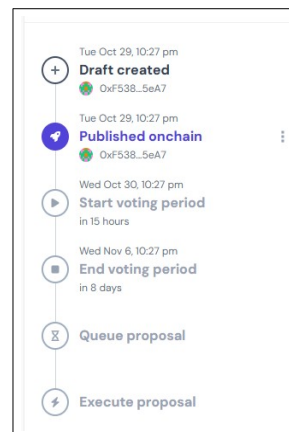
As shown at the bottom right of the Tally application (see image)

The voting proposal was published on October 29 at 22:27 (GMT+1).

In order to allow a safety margin (allowing the proposal to be cancelled), it will only be active and therefore allow voting 24 hours later: October 30 at 10:27 p.m.

Voting will end 7 days later: November 6 at 10:27 p.m.

Here again a security period (2 days) will be applied before the execution of the proposal, if it is approved (see “timelock” mechanism described on the wiki)



4 – How to check the execution of a proposal (the first)

As shown in the following Tally application extract:

1. In this section, you will find the description, resulting from discussions on the Forum,
2. In this other part (by clicking on "Raw,") you see the code transcription of what will be executed if the proposal is approved.

Before voting, you must pay close attention to what is in this part, because it may not be in accordance with the description...

The screenshot shows the Tally application interface. At the top right, there is a 'Raw' button circled with a red '2'. Below it is a table with columns 'Type', 'Address', and 'Details'. The table contains two rows of custom actions. Below the table is a 'Proposal' section with a 'Description' tab circled with a red '1'. The description text reads: 'Proposal summary: This proposal aims to launch the first incentive epoch for the Realtoken DAO, with a 6-week lock, a 5-day subscription period, and a budget of 1000 USDC per week, totaling 6000 USDC in bonuses. The objective is to stimulate member engagement and test the incentive concept.'

So let's analyze in a little more detail what is planned to happen for this first vote:

The **first function** will be executed by the smart contract "Target". This is the smart contract of the RMM v3 (lending pool).

The function of this contract that will be executed is indicated in the "Signature" part, it is a withdrawal from the RMM.

The screenshot shows the 'Function 1' details in the Tally application. It includes the following information:

- Signature:** `withdraw(address,uint256,address)`
- Calldata:**
 - address:** `0xDDAfbb505ad214D7b80b1f830fcCc89B60fb7A83`
 - uint256:** `6000000000`
 - address:** `0xe1877D33471E37Fe0F62d20E60c469eff83FB4A0`
- Target:** `OxFb9b496519fCa8473fba1af0850B6B8F476BFdB3`
- Value:** `0`

This function needs 3 parameters, which are indicated in the "Calldata" part:

- the address of the stablecoin concerned: this is USDC
<https://gnosisscan.io/address/0xDDAfb505ad214D7b80b1f830fcCc89B60fb7A83>
- The amount of USDC involved
Since USDC has 6 decimal places, the number indicated must be divided by 10 to the power of 6, i.e. remove 6 zeros. We therefore find 6000.
- The second address indicates the recipient wallet of the transfer: this is the incentive vault
<https://gnosisscan.io/address/0xe1877D33471E37Fe0F62d20E60c469eff83FB4A0>
as stated on the wiki <https://wiki.realtoken.community/fr/DAO/TechnicalOp>

The ordering party/signatory of the action being the treasury contract, the first function consists in summary: to transfer from the treasury address on RMM, 6000 of its USDC to the incentive vault.

The **second function**, launches the initialization of the first incentive period:

- The contract (Target) activated is that of the incentive contract,
- The action (Signature) on this contract is the activation of a new epoch (setNewEpoch),
- The parameters of this new period are :
 - the timestamp of the start of the epoch
The value is indicated in "timestamp"
With an application like <https://www.epochconverter.com/>
you find the corresponding value



Convert epoch to human-readable date at <https://www.epochconverter.com/>

1731106800 Timestamp to Human date [batch conv]

Supports Unix timestamps in seconds, milliseconds, microseconds and nanoseconds

Assuming that this timestamp is in **seconds**:
GMT: Friday 8 November 2024 23:00:00
Your time zone: samedi 9 novembre 2024 00:00:00 GMT+01:00



Function 2:

Signature:
setNewEpoch(uint256,uint256,uint256,address,uint256)

Calldata:

uint256: 1731106800
uint256: 1731538800
uint256: 1735167600
address: 0xDDAfb505ad214D7b80b1f830fcCc89B60fb7A83
uint256: 6000000000

Target:
0xe1877D33471E37Fe0F62d20E60c469eff83FB4A0

Value:
0

so on November 9th at 12 a.m. (GMT+1=Fr),

- the timestamp of the end of the subscription period: November 14 at midnight,
- the timestamp of the end of the epoch: December 26 at midnight,
- the address of the stablecoin concerned: here USDC,
- the total amount distributed during the epoch: with 6 decimal places, it is therefore 6000.

Both functions correspond well to the description given of the proposal put to the vote.

5 – The stages of an incentive period (from the first vote)

To qualify for USDC bonuses, you must:

Between November 9th and 13th (subscription period)

on the DAO Incentive application <https://vote.realtoken.network/dao/incentive>



Connect the wallet on which you have your REG,



Submit your REG:

Votre participation

Aperçu Bonus Historique

Solde du portefeuille 721.010645812589112164 REG

Dépôt total 0 REG

Dépôt de session 0 REG

Bonus estimé 0 USDC (0 votes)

Déposer REG Retirer REG

721 MAX

Solde du portefeuille 721.010645812589112164 REG

☐ Utiliser Permit

Déposer REG

Between November 14 and December 25 (voting period)

on the DAO Voting application <https://www.tally.xyz/gov/realtoken-ecosystem-governance/proposals>



Connect the same wallet, and click on a voting proposal

ACTIVE



Vote

Proposals / Proposal

ACTIVE

[RIP0000x] DAO proposal currently being voted on...

Vote onchain

Proposal ID: 282132...1852

Realtoken Ecosystem Governance

Vote

☒ For

☐ Against

☐ Abstain

Add comment

Why are you voting this way?

Submit

After December 25,

The bonus amount will be calculated, as indicated on the “practical guide” on the wiki <https://wiki.realtoken.community/en/DAO/Guide>, and made available to you (claimable).