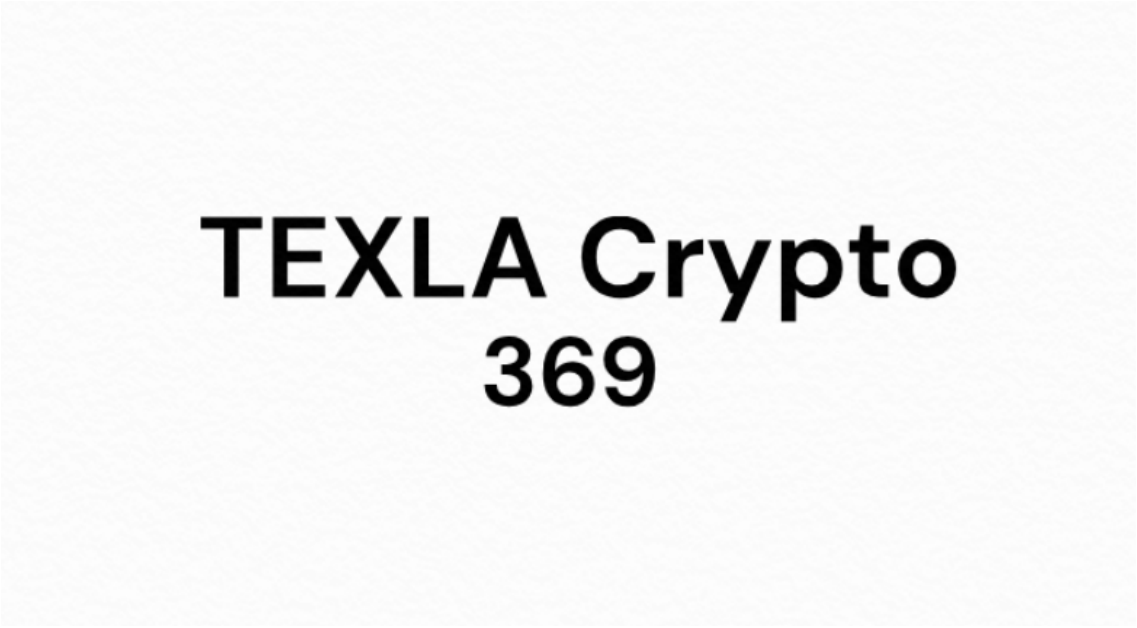


Fair Crypto Foundation

(Litepaper v1.7, Jack Levin)

(Litepaper v1.7, Peps Labs)

(Litepaper v1.7, TEX369 Crypto)

TEX369 - CryptoCurrency For the masses

General

What is the mission of TEXLA?

TEXLA Crypto is based on the code of XEN Crypto. The creator of TEXLA decided to add the Power mechanism as an added value to the project.TEXLA aims to become a community building crypto asset that connects like minded people together. If you are a seasoned OG or simply Crypto curious, TEX369 has the lowest barrier to entry through its unique tokenomics. TEX369 is part of the category of fair crypto.

What problem does TEX369 solve?

Today's crypto world exists on a very bipolar plane, namely, the well known cryptocurrencies are overbought (pumped) and subsequently sold off (dumped). The unknown cryptocurrencies are often left undiscovered for a long time by general investors while suffering from pre-mining and whale accumulation by the founding teams. TEX369 aims to solve both problems through a fair launch.

Tokenomics and Philosophy

What makes TEX369 unique?

Simplicity - TEX369 is (will be) based on the ERC20 token standard with a minimum amount of code. There are no pre-minting, hidden doors, admin keys, or origin (OA) wallets. All TEX369 ecosystem participants mint their own coins using their own ethereum compatible wallets.

TEX369 cryptocurrency is Free as it does not require participants to deposit any funds to start minting their TEXLA crypto.

TEX369 starts with zero supply and will only be minted by the participating community.

TEX369 does not have a maximum cap on the supply, is inflationary in the beginning, becoming disinflationary as adoption increases.

TEX369 is a digital asset which has no backing by investors or starts with any intrinsic value.

TEX369 is immutable, and can not be changed or stopped by anyone. With its open source code it is truly trustless through consensus and belongs to the people.

TEX369 does not have a controlling or management team, it is simply a segment of an immutable code secured by the Blockchain.

TEX369 is neither a proof of stake or proof of work token, however it is a *Proof of Participation* (PoP) crypto. Whoever participates in TEX369 creation has full rights of ownership through self custody.

TEX369 smart contract uses a fair system of new token distribution. All participants are subject to the same immutable rules secured by Blockchain.

TEX369 continuously manages token rewards through minting based reward time locks and the total number of participants.

Generally, all crypto currency must be purchased or exchanged with other cryptocurrencies on the open markets. TEX369 does not require purchasing as anyone on the Ethereum network can mint their own TEX369 tokens by connecting their compatible crypto wallet (such as Metamask, etc).

What is the formula to generate rewards for the participants?

TEX369 tokenomics have no locking or staking of any assets, only your wallet is required. The process to generate TEX369 is based on several variables. First, your intention to receive TEX369 must be initialized by connecting your wallet to the TEX369 smart contract, you will be asked how long you are willing to wait (in days) to receive TEX369. The smart contract will generate and provide a TEX369 rank (cRANK), which is based on how many people interacted with the contract before you. The final formula to receive (mint) TEX369 is the LOG base2 of the current Global TEX369 rank minus your rank, multiplied by days you have specified during the first interaction with the smart contract and by two amplification factors, AMP and EAA, detailed below.

If TEX369 has no cap, does it mean it has no value?

TEX369 has no cap, however as more and more people join and participate in minting, it will be harder to generate (or mint) more TEX369 due to naturally sloping adoption curve which is logarithmic in nature. This will make TEX369 tokenomics disinflationary in nature.

Each participant makes it harder for new participants to receive rewards, unless new participants extend the amount of time to get their rewards. This is similar to Bitcoin mining difficulty.

Does TEX369 have an initial supply?

TEX369 has no initial coin supply. Supply is generated by all people that participate in the *Proof of Participation* (POP) protocol through minting of their own coins.

Why will TEX369 appreciate in value?

TEX369 token's value is pegged to the difference between world's inflation vs built-in distribution of the tokens. In short, the value of TEX369 is linked to its difficulty to be minted, which is very similar to Bitcoin. Ultimately, the value is created by the market forces of all participating parties. As more market participants get involved in generating TEX369, the total amount of generated TEX369 drops (disinflation) and is distributed between participants making TEX369 more scarce and valuable. The only way to mint more TEX369 in the future, will be by extending the time one has to wait to receive the mint.

Is there a way to increase rewards?

TEX369 rewards are loosely based on game theory with several variables that influence the reward outcome. To mint new TEX369 coins, one must generate their Crypto Rank (cRank).

Your cRank is a natural number, representing the relative standing across the TEX369 ecosystem. For example, a cRank of 5,000 represents the fact that 4,999 people before you have decided to mint TEX369 for themselves and have submitted their claimRank transactions before you did. TEX369 smart contract tracks a Global cRank within the ecosystem and increases every time someone else joins as a participant and generates their cRank.

Your end Reward (R_u) is computed by multiplying the difference between your rank cR_u against the Global cRank cR_G, multiplied by the number of Mint Term days (T), by time-dependent Reward Amplifier (AMP) and by an Early Adopter Amplification factor (EAA):

$$R_u = \log_2(cR_G - cR_u) * T * AMP(ts_0) * (1 + EAA(cR_u)),$$ where

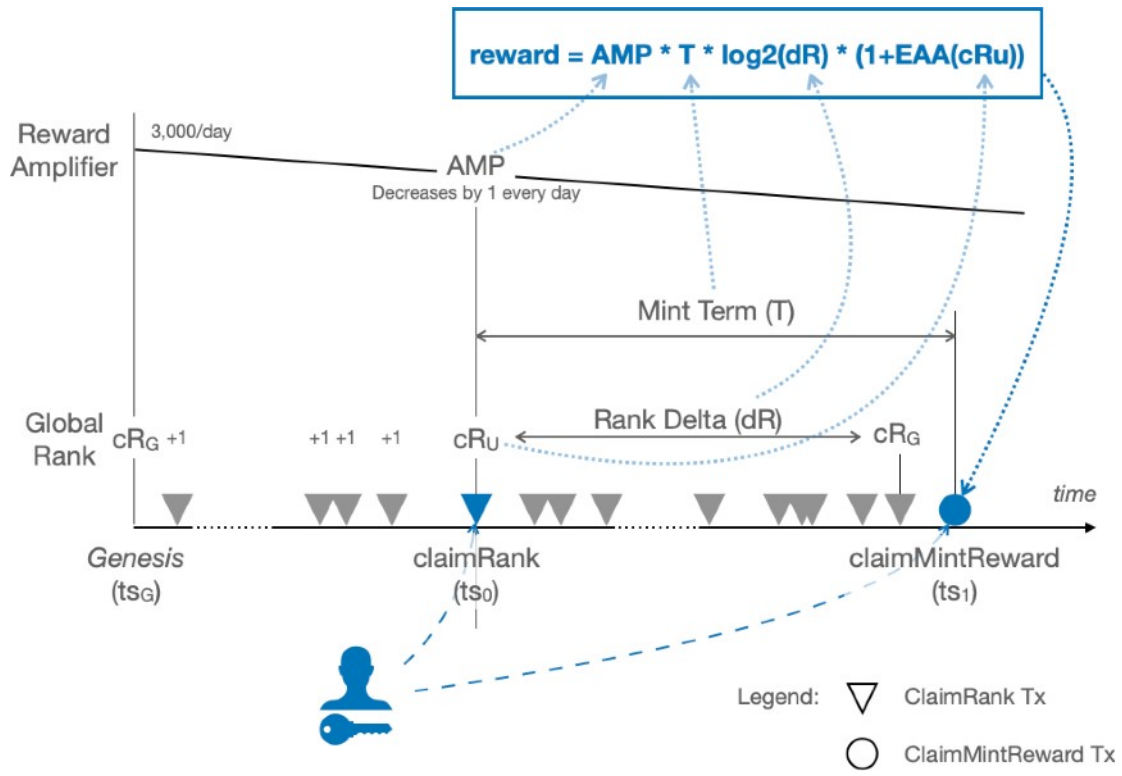
$$AMP(ts_0) = \max(3,000 - \lfloor \frac{ts_0 - ts_G}{3600 * 24} \rfloor, 1),$$

decreasing in a linear fashion from 3,000 by 1 every day, until it reaches 1 and stays equal 1 thereafter (ts_0 is timestamp of claimRank transaction, and ts_G is Genesis timestamp, both - in seconds), and

$$EAA(cR_u) = \max(0.1 - 0.001 * \lfloor cR_u / 100,000 \rfloor, 0),$$

where EAA starts from 10% and decreases in a linear fashion by 0.1% per each 100,000 increase in Global Rank.

Composition of end Reward is shown on the diagram below.



So in order to increase your rewards, one must indicate the maximum number of days they are willing to wait for their rewards. Likewise, inviting new people to join the network will create more rewards for all of the participants (including the invitees).

Term limits

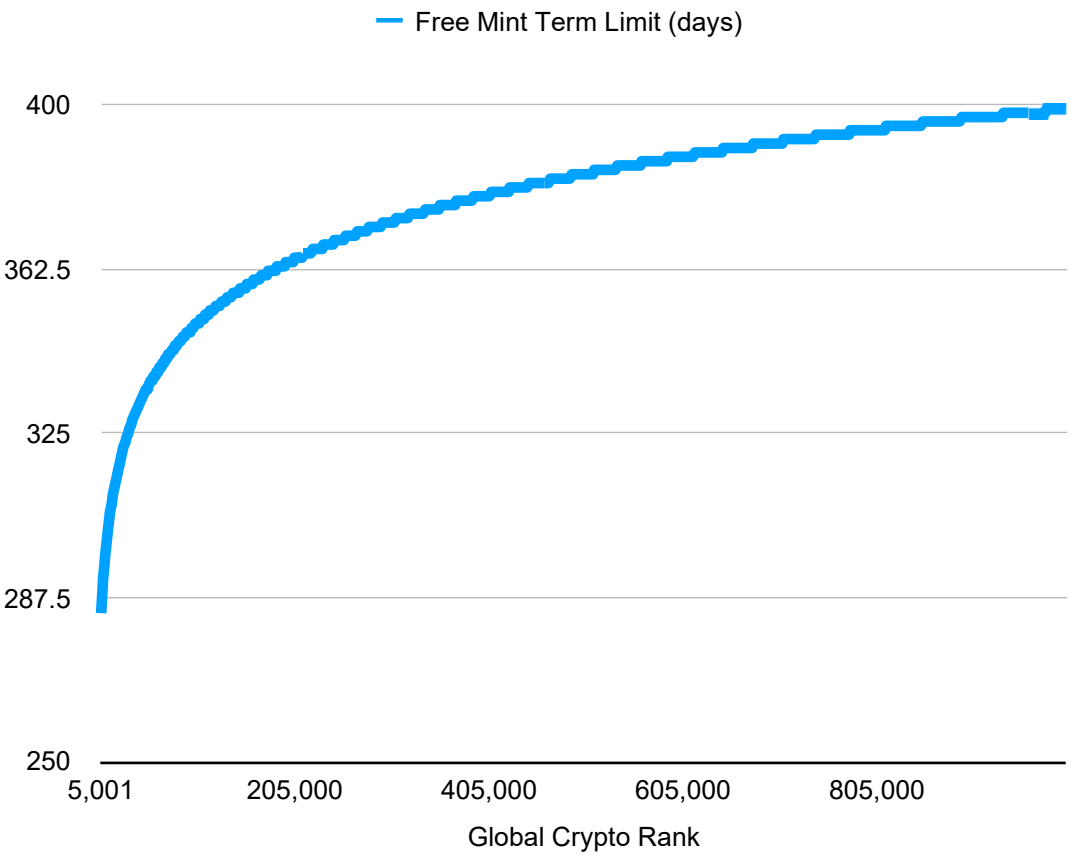
Term limits (in days), are set to follow total activity of Proof of Participation protocol. Specifically, the maximum Free Mint Term is capped to 100 days until the protocol registers more than 5,000 unique participant addresses as tracked by Global Rank. The term will start increasing logarithmically as more participants join the protocol, using the following formula:

$$\text{freeMintTermLimit} = \begin{cases} 100, & \text{if } cR_G \leq 5000 \\ 100 + log_2(cR_G) * 15, & \text{if } cR_G > 5000 \end{cases}$$

where

cR_G is the current Global Crypto Rank

as shown in the chart below:



What is the process to mint TEX369 after the established term (in days)?

You will be able to visit TEX369's web3 web panel where you should be able to check how many days are left before you can claim / mint TEX369.Generally,

you should be able to claim / mint within 24 hour period after the end date, however TEX369 rewards will be progressively reduced if you do not claim / mint TEX369 close to the date of the term you've established. The reason for progressive reduction is to avoid bad actors that create ladders of "invisible" claims, and then claim all at once to crash the value of TEX369. The penalty for not claiming/minting TEX369 is progressive, becomes 99% after 7 days (a Reward Claim Window) and stays at 99% indefinitely thereafter. This incentivizes users to do Reward Claims even if the window is over and cleans up expensive blockchain storage space.

Days Late	Penalty, %
0	0
1	1
2	3
3	8
4	17
5	35
6	72
7	99

Staking TEX369

The staking period is limited to the following range: 1 to 1,000 days.

TEX369 staking period can be terminated without penalties any time within the agreed term; however the APY rewards will not be prorated or paid if staking is terminated before the staking period is over.

You will be able to stake TEX369 for any number of days between 1 and 1,000, and receive APY rewards, which will start at 20% on TEX369 Genesis and will decrease by 1 percentage point every 90 days thereafter until it reaches 2%, whereupon it will stay at 2% indefinitely. Each stake's APY is fixed at the time of the stake, depending on how many days have passed since TEX369 Genesis.

Stake start (days since Genesis)	APY, %

0	20
90	19
180	18
270	17
360	16
450	15
540	14
630	13
720	12
810	11
900	10
990	9
1080	8
1170	7
1260	6
1350	5
1440	4
1530	3
1620	2
after	2

Here is how the whole process works:

- First, claim your CryptoRank with Proof of Participation (PoP)
- Then, claim/mint your TEX369 crypto
- After that, stake TEX369 for APY rewards.

So, if you are staking 100,000 TEX369 for 365 days within the first 90 days since TEX369 Genesis, you will be able to claim 120,000 TEX369 after this period. The stake reward amount is based on non-compounding APY and will be calculated using this formula:

$$R_u = \frac{S_u * APY * t}{100 * 365},$$

where

S_U = amount of staked TEX369,

$$APY = \max(20 - \frac{dt_G}{90}, 2),$$

dt_G = days since Genesis

Internally, the smart contract will burn staked TEX369 to reduce Total Supply of TEX369 crypto, recording the debt to the original stakeholder. Smart Contract will re-mint the original stake TEX369 crypto together with extra 20% rewards as newly minted TEX369.

Mint Power:

When the GlobalRank reaches 9999999, no further minting can be done unless you have Power. Power is a mechanism that allows for more minting even when the GlobalRank is greater than 9999999. Power is calculated by dividing the amount of TEX369 tokens by 10000, where TEX369 must be a multiple of 10000. Once Power is obtained, the tokens TEX369 used to calculate it will be burned. To obtain Power, minting or token exchange of TEX369 tokens can be done. Power can also be received from another wallet. To share Power with another wallet, the address of the wallet to which Power will be sent must be provided.

Power = TEX369 / 10,000, where TEX369 is a multiple of 10,000.

Can interested parties buy or sell TEX369 crypto?

Anyone can buy TEX369 tokens by using any number of popular distributed exchanges (DEXes), such as Uniswap or Sushiswap. Selling or trading TEX369 tokens will be possible on the same exchanges.

What can I do with TEX369 crypto?

Anything you can do with ERC20 token, you can do with TEX369. Trade it for other crypto tokens or NFTs, tell your friends about it, play with the Uniswap

ecosystem by creating Limit orders or Liquidity Pools to automatically trade your TEX369 crypto. At the end of the day, TEX369 strives to achieve the maximum liquidity though maximum adoption, so holders of TEX369 crypto are invited to give it away to as many people as possible.

Technology

Does TEX369 crypto run on its own blockchain?

No, TEX369 is deployed on the Ethereum mainnet, the second largest blockchain network in the world, with a peak market cap of $570Bn. TEX369 is open source and modeled as ERC-20 token (fungible token standard) on Ethereum.

The cause of it all

The crypto world has come a long way since Timothy May in 1988 wrote “the Crypto Anarchist Manifesto, where he introduced the basic principles of crypto-anarchism, encrypted exchanges ensuring total anonymity, total freedom of speech and total freedom to trade (LINK).

In 2008 Satoshi Nakamoto wrote *Bitcoin: A peer-to-Peer electronic Cash System*, and for the first time introduced a system that would allow a pure peer-to-peer version of electronic cash to be sent directly from one party to another without going through a financial institution (LINK).

But just like the internet has clustered into centralization by tech giants, we can see the trend within DLTs not escaping human nature of corruption and deceit. We see governments wanting to introduce their own versions, so called CBDCs. We see corporations claiming to be pro crypto but using every way possible to lure you into giving up your keys, and in doing so violating the true first-principles of crypto. Both create filter bubbles of innovation.

The L1 narrative emerged where multiple systems are competing to become the most fundamental and interoperable. Although there are local maximalist convictions - there is no widespread consensus as to which system that ultimately will prevail. And as long as that is the case the necessity to go back to the roots of first principles is inevitable.

TEX369 goes back to the roots of consensus making systems and takes a carte blanche approach to innovation.

Pure innovation tends to always come from the people - for the people. Based on first principles.

Glossary

Terms used in Litepaper

CryptoRank (cRank, cR_U) - a unique number assigned to any Ethereum address which submits successful claimRank transaction.

Global CryptoRank (cR_G) - current value of global TEX369 variable which is increased monotonously incrementing by 1 with each successful claimRank transaction, a measure of power of TEX369 network.

Genesis Time (ts_G) - timestamp of TEX369 Smart Contract instantiation on Ethereum blockchain (derived from block.timestamp in constructor)

Reward Amplifier (AMP) - time-dependent constant, decreasing every day after Genesis Time. At a time of a claimRank transaction, then-current AMP is recorded on chain and is used in calculation of Reward at a time of a pairing claimReward transaction.

Mint Term, or Maturity (T) - a minimum time difference (measured in full days) between the initial claimRank transaction and subsequent claimReward transaction. This parameter is submitted by user during claimRank transaction and is recorded in TEX369 Smart Contract.

Early Adopter Amplifier (EAA) - an extra incentive rate for the earliest adopters of TEX369, which starts at 10% at the Genesis and then decreases by 0.1 percentage points every time Global Rank scores another 100,000.

Free Mint Term - a maximum Mint Term (Maturity) value that user can choose when submitting claimRank transaction. Free Mint Term starts at 100 days and stays constant until Global cRank reaches 5,000. After that, Free Mint Term is calculated as $100 + \log_2(cR_G) * 15$.

Reward Claim Window - a maximum amount of time (measured in full days), during which a user is allowed to submit claimReward transaction and mint TEX369 tokens. Reward Claim Window starts at the time of claimRank transaction PLUS Mint Term (or Maturity), as recorded in TEX369 Smart Contract.

As Reward Claim Window starts, a Withdrawal Penalty is calculated in a progressive fashion, increasing each full day (Penalty is 0% for the first 24 hours of Reward Claim WIndow) until it reaches the maximum value of 99%.

APY, Annual Percentage Yield - is a non-compounding annualized return on the TEX369 stake. APY is set programmatically by TEX369 smart contract; it starts with 20% and is decreased by 1pct. Point every 90 days until it reaches the terminal value of 2%.

TEX369 Smart Contract Public Interface

claimRank(uint256 term) - executes transaction claiming user's CryptoRank and creating a mint record, which captures CryptoRank, Mint Term (*term*), Maturity timestamp (current timestamp + term in seconds) and current Reward Amplifier. *Term* is expected to be in the range of 1…Free Mint Term. Transaction will revert if a mint record already exists for current users' address.

claimMintReward() - executes transaction ending Mint Term and claiming (minting) user Reward (TEX369 tokens) (possibly decreased by Penalty amount; see Reward Claim Window). Transaction will revert if: (1) no mint record is found for a user, (2) Mint Term is not yet over.

claimMintRewardAndShare(address other, uint256 pct) - executes transaction ending Mint Term and claiming (minting) user Reward (TEX369 tokens) (possibly decreased by Penalty amount; see Reward Claim Window). Minting proceeds are split between the owner and a designated *other* address (The *other* will receive *pct*% and owner will receive 100%-*pct*% of net due reward amount). Transaction will revert if: (1) no mint record is found for a user, (2) Mint Term is not yetover.

claimMintRewardAndStake(uint256 pct, uint256 term) - executes transaction ending Mint Term, staking the *pct* of the net reward amount (possibly decreased by Penalty amount; see Reward Claim Window) for *term*, days and claiming (minting) minting the balance as TEX369 tokens. Transaction will revert if: (1) no mint record is found for a user, (2) Mint Term is not yet over,
(3) Active Stake exists for the user.

stake(uint256 amount, uint256 term) - executes transaction staking *amount* of TEX369 for *term* days by creating a Stake record in Smart Contract, which

captures the stake parameters, Maturity timestamp (current timestamp + term in seconds) and current APY. *Amount* is any number from 1 and up to the total current user TEX369 balance. *Term* (in days) is any number from 1 to 1,000. Transaction will revert if a stake record already exists for current users' address.
N.B.: ***stake*** *transaction burns amount of TEX369 tokens until user withdraws stake*.

withdraw() - executes transaction to withdraw amount of TEX369 previously staked plus calculated rewards. Stake rewards depend on stake amount, stake term and the APY pro-rated by the term against 365 days. Stake could be withdrawn at any time without any penalties. If withdrawn before reaching stake maturity, a user receives the full amount of their stake with *zero* rewards. If withdrawn at any time upon reaching stake maturity, the user receives the full amount of their stake PLUS calculated APY reward. Transaction will revert if: (1) no matching stake record is found
N.B.: ***withdraw*** *transaction mints original amount of TEX369 tokens staked plus any reward TEX369 tokens due*.

burn(address user, uint256 amount) - executes transaction to burn *amount* TEX369 for *user* address. This transaction is to be called by a smart contract which implements IBurnRedeemable interface and is able to receive a callback to a function *onTokenBurned,* confirming that the TEX369 tokens have been burned. This opens an interface to integrate with TEX369 smart contract and exchange TEX369 for some other token.

getUserMint() - returns MintInfo record for the current users' address, if any.

getUserStake() - returns StakeInfo record for the current users' address, if any.

getGrossReward(uint256 rankDelta, uint256 amplifier, uint256 term, uint256 eaa) - returns calculated gross reward for specified parameters.

getCurrentAMP() - return current AMP value.

getCurrentEAAR() - return current EEA rate value.

getCurrentAPY() - return current APY value.