

GYV Chain

Charity through GYVing, a blockchain cryptocurrency solution to transparent, low cost and instant charity

1.0 Abstract

The abstract offers the reader a brief overview of the white paper's main points. It allows the reader to ensure they have found a document relevant to their needs. After reading, the reader should be able to know if they are 'in the right place.'

GYV Chain is a platform that provides a layer 2 ERC-20 ethereum based blockchain solution for donors to directly share funds across the Internet to selected charity participants in a completely transparent, timely and economical way reducing the cost of typical traditional charity middleman administration, management and marketing, while providing GYV Chain donors a reward for purchasing.

2.0 Problem statement

The problem statement specifies the issue the white paper will address. The problem needs to be defined and placed into a context to ensure it's understood by the reader.

Donors, wishing to give money to charities, sometimes may be unsure as to the actual amount that ends up in the hands of the front line users providing the foods and services for the needy.

Charities, on the other hand, have a large number of overheads to function, and raising money can be costly. Often charity expenditure is unclear and not very transparent to the donor. This is made more difficult with the limitations of existing web2 technologies.

Tracking the expenditure and the reciprocant of the charity funds and their expenditure can be difficult. Finding a means to reduce administration costs and directly follow donor money to expenditure can be difficult to impossible.

3.0 Background

This section provides the background information required for the audience to grasp the problem and, ultimately, the solution. The content may be detailed and technical or broad and high-level. The content depends on the reader and the problem. If original research is completed for the white paper, the methods should be communicated.

Blockchain as a technology is a transparent and secure means to follow the movement of funds from donor to charity and be visible on the Internet. Equally, it is a means for Charities to record expenditure and transactions, thereby providing an auditable trail of information for all to see.

GYV Chain is designed to capture transactional information between donor and charity. Converting ETH to GYV provides an instant vehicle to move funds from donor to charity while recording these transactions on the GYV Chain and triggering a series of related contract actions to support the chain, its operations, administration and marketing through a support fee tithe. The actions are automated through the built-in Solidity code programmed on the Ethereum based blockchain contracts. The tithe is returned to specific buckets of funds outlined in the tokenomics section of this whitepaper.

For the donor there is transparency of funds to the end charity recipient for a reasonable and public support fee. There is also a reward in the form of a weekly entry to win interesting and valuable prizes. There is the knowledge that all support fees and potential expenditure are visible, unlike non-blockchain charities.

For the charity there is instant and transparent visibility of online donations without cross border money transfer limitations, government interference or related charity management fund costs such as bank fees, physical office administration management and traditional costly forms of charity marketing.

4.0 Solution

The 'ta-da' moment of the white paper. Based on the preceding information, the solution is now presented. It is developed and argued for using the gathered evidence and the expertise of the author and their company.

4.1 Overview

GYV Chain is an ethereum based smart-contract and platform that generates its own cryptocurrency with the intent to list it according to the Roadmap schedule. GYV is a utility token, basically useful for financing a network, and it is issued through an ICO (Initial Coin Offering). The ICO is important for funding project development, and for GYV the following rules are laid out.

Total Supply: 500 Million GYV (GYV 500,000,000)

- 10% holdings for the founders of **GYV CHAIN (GYV 50,000,000)**
- 10% for operational development & upkeep of the platform (**GYV 50,000,000**)
- 50% locked until after initial coin offering and will be released on **[TBC]** date (**GYV 250,000,000**)
- 30% ICO initial coin offering at launch (**GYV 150,000,000**)

The following sections outline the overall process and components: tokenomics, roadmap, GYV rewards, charities, faq, merchandise, resources, partnerships how to buy GYV.

4.1 Tokenomics

Incentives play a crucial role in token economics by motivating users to participate in exchanges of value, offered by blockchain networks [<https://101blockchains.com/tokenomics/>]. Incentives are also important requirements for motivating users to ensure better safeguards for the blockchain and validation of transactions. As a result, incentives are quite important for the execution of unique functionality in the concerned blockchain network. Participants following the rule of a specific network get rewards in the form of cryptocurrencies.

With GYV Chain, 100% transparency with tokenomics ensures the legitimacy of the project and builds trust with donors and charities, and provides a clear audit and record of blockchain activity. Every transaction with GYV provides 90% to the charity from the donor, and the 10% support tithe is distributed in the following manner:

10% support fee on every GYV transaction

- 3% of every successful transaction from or to GYV is added to a separate locked pool that is timed for 6 months (180 days). This GYV amount is designed to add to liquidity and support the preservation of the pool (GYV 400,000,000)
- 2% goes to the charity fund/treasury that's managed by a DAO, which we donate to a chosen cause on a weekly basis that the community of token-holders vote on.
- 3% will fund operational costs
- 2% is used for marketing and promotional material, e.g. NFT promo events, celebrity dinners and experiences, prizes, other token giveaways to be used for lottery events and distributed to a lottery-participant once a month

Anti Pump-Dump-Exit Whales for GYV

- The Donors have their GYV locked away for 180 days or until the donation limit in the campaign has been successfully funded.

4.2 Roadmap (as @ 23/10/2021)

Our vision and direction for the sustainability and the integrity of the GYV Platform is to continuously grow our ecosystem of diverse Charity Campaigns whilst enabling donors and charities to openly and actively be in charge of their activities.

The timeline outlays as follows:

2021 Q4

- Launch of GYV Platform - Website and infrastructure.

- Launch/Mint GYV Token
- Video and introduction of the development team
- Setup of social media platforms
- Pilot with selected charities

2022 Q1

- Initial Coin Offering GYV token is available for 30 days
- Marketing and promotional material development and launch
- On-board selected charities, allowing for self listing/posting capabilities
- Create and connect DAO

2022 Q2

- Launch NFT's for successfully funded campaigns to donors
- Launch physical Merchandise, clothing, collectables
- Major influencer and celebrity partnerships and ambassador exclusive contracts for GYV Platform

2022 Q3

- Community Voting platform to allow donors to vote for weekly allocated donation funds for top campaigns
- Expand the GYV token onto major DEXs

2022 Q4

- “To Infinity, and Beyond!” - Buzzlightyear

4.3 GYV rewards

Once a month a donor will randomly be selected by our state of the art algorithmic wallet scanning technology and will be rewarded one of the following:

- Exclusive rare NFT packages with verified and highly sought after artists
- Dinner dates and outings, meet and greets with an extensive selection of famous celebrities and influencers

- Unique getaway packages
- Exotic vehicle giveaways such as cars and boats
- BTC and ETH prize pools
- Sporting and event passes
- Concert Tickets with meet and greet packages
- Merchandise

Donors receive an equal chance to receive a prize regardless of the value or quantity of charity transactions.

4.3.1 Prize offer and management

2% of the value of GYV transactions are used as a marketing and promotional material ie. NFT promo events, celebrity dinners and experiences, merchandise prizes and the like, top fund the operational activities associated with generating such support.

Tokens for lottery events to be distributed to donors randomly once a month.

4.3.2 Merchandise

Our unique physical and metaphysical merchandise has been hand picked with the most prestigious partners in their respective fields. From the most sought after artists to the most prestigious to the most artisan clothing brands, these prizes will surely bedazzle any donor.

4.3.3 Resources

Charity and donor beginner education: sites to support the education, wallet set up and transactions of donors and charities.

4.4 Charities

The charities within the GYV Platform are all verified by legal government bodies and private crowdfunding campaigns are manually selected by the administration team that work at GYV Platform. This is done to ensure trust between donors and charities to have a correct funding and campaign success rate.

4.5 Partnerships

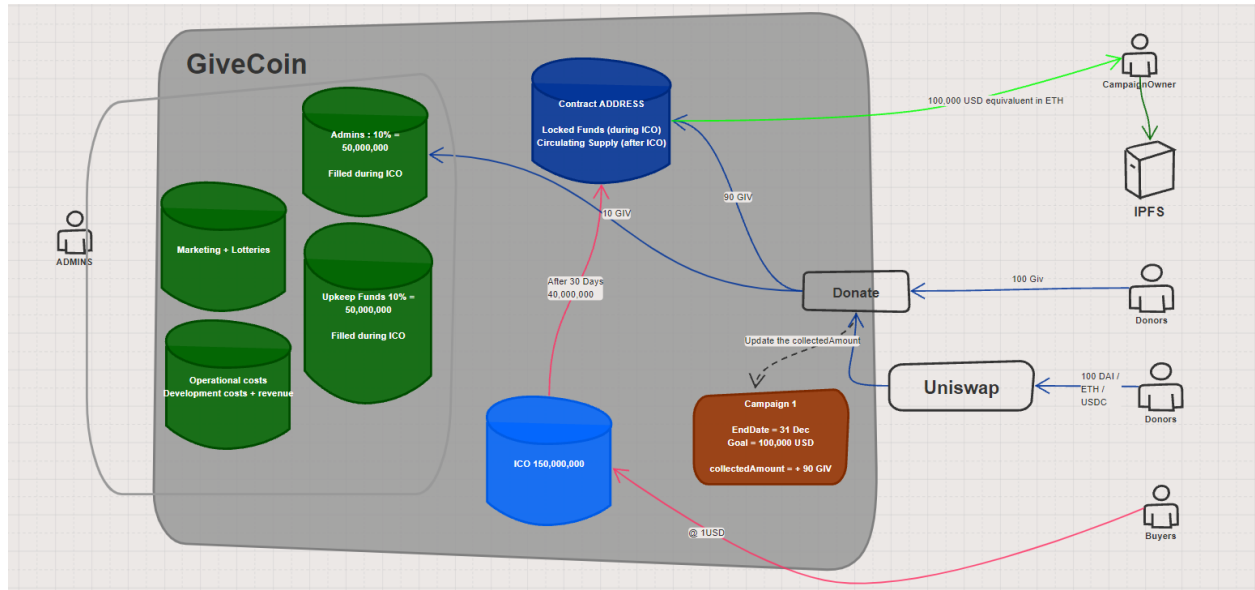
To bring GYV Platform to market, the GYV Chain team have connected with Moralis web3 operating system bringing our technology to the world, and Metamask, the trusted management of blockchain transactions for security and safety. Our listings targets include

4.6 Sourcing (or 'How to buy GYV')

You can purchase our token by connecting your metamask wallet directly to a DEX - <https://app.uniswap.org/#/swap> You can select your Ethereum based er20 token amount you wish to purchase with, and then select GYV Token, then confirm your transaction through Metamask.

5.0 GYV Chain Architecture

5.1 Process map



The above process map demonstrates the various stakeholders, components and the processes involved in the GYV Chain landscape

5.2 Ethereum Solidity Based Contract

The core contract GiveCoin is an ERC20 token. The token contract inherits from the ERC20 and the ReentrancyGuard contracts provided by OpenZeppelin library version 3.4.

5.3 Deployment and ICO

During deployment tokens will be minted and transferred to the admin addresses, as per mentioned in the Tokenomics section.

During the ICO, buyers will be buying tokens by transferring ETH to the token contract. This process is based on format of the CrowdSales contracts provided by OpenZeppelin version 2.5

After the ICO, a UniSwap liquidity pool will be created. The ETH earned from the ICO and the tokens minted during deployment will be added to the liquidity pool.

5.4 Lifecycle of the campaigns

The campaign owners will submit the relevant documents for the campaign to IPFS. Using the IPFS URI, the campaign owners will submit the campaign request on the GYV platform.

The campaign will be created and set to status *CREATED* and the event *CampaignCreated* is logged. The campaign will not be open to the donors at this stage. The admins will then evaluate the campaign, and Approve/Reject it.

Once approved, the campaign will be available to the donors to donate funds. The donors will be able to donate using GYV, from the GYV platform. If the donors do not have sufficient GYV tokens, they will be able to navigate to Uniswap where they will be able to swap ETH for tokens.

Each campaign will have its corresponding DueDate and CampaignGoals. Automated, periodic jobs will be run by the system to check which campaigns have reached their due date or met their donation goal. In order to check if the campaign goals have been met, the current conversion rates of GYV/ETH/Fiat will be fetched from Uniswap. This automated job will then call the contract functions to close those campaigns. The *closeCampaign* function will transfer the collected GYV to the campaignOwners wallets. The event *campaignClosed* is triggered, which will initiate communication to the campaign owners to withdraw their GYVs. The campaign owners can swap the tokens for ETH/Fiat on Uniswap.

Conclusion

This section summarizes the white paper's major findings. Recommendations based on the solution are provided.

References

All sources used to develop the white paper must be collected and cited in this section. It adds validity to the document. It also GYVes the reader content for further research. Depending on your industry, follow [MLA](#) or [APA](#) citation formats.

Appendix 1: A day in the life of GYV...

*GYV admin launches GYV at 1 AUD to 1 GYV in an ICO as an initial mint [need to define the (NOT) fixed, maybe inflationary or most probably deflationary, reducing the supply of GYV each year] **TOKENOMICS***

My name is Dr Zoro and I post a charity campaign on the GYV platform. I can withdraw anytime I want if my goals are met, the target date is achieved or or I simply wish to close it

GYV admin deploys Dr Zoro's campaign

Based on the due date, GYV admin can pool any funds received for Dr Zoro and stake them for return to grow the total funds (increase value of GYV)

My name is Donny and as a donor, I can see what campaigns are trending and choose the one which I am attracted to

Dr Zoro is doing malaria work with kids in Cambodia and I decide to donate to him, GYVing 100 AUD which converts to 100 GYV plus a GYV platform support fee of 10% (in the ETH or any ERC-20 token of equivalent value) to contribute to Doctor Zoro

In this example my 100 AUD is worth 100 GYV, but over time the value of GYV increases or decreases with demand and supply, hence the initial ICO 1:1 value, that is fiat AUD to GYV value will change over time

*I go to the GYV campaign website and connect my metamask wallet and I transfer 100 AUD: **WEBSITE***

- a. 90 AUD for 90 GYV to the Dr Zoro campaign, and
- b. 10 AUD for 10 GYV to cover the GYV Support fees.

As a donor, I can see the value of my 90 AUD in GYV on the website contributed to Dr Zoro

I can not sell on the open market as it will be held for me for 6 months minimum by the GYV platform ("auto steak", not stake) to prevent whales and dumping

After 6 months I can swap the GYV out on Uniswap for another crypto if I choose

As a donor, I get the opportunity to go into a lottery once (one raffle lottery ticket per wallet) a month to be able to win something specific offers on the website in the form of limited edition NFTs:

- a. Celebrity attractions (a dinner with celebrity Patrick)*
- b. Really nice company prize donations (Gold Lambo for Kala Corp)*
- c. Exclusive events eg Go to Space (in a spaceship if you're lucky!)*

As a donor I can also

- 1. HODL the GYV token for (at least 6 months), to achieve a (possible) increased future token value, or swap for other crypto (ONLY after 6 months)*
- 2. GYV to another campaign, nominate a new campaign or GYV to existing campaign*
- 3. Vote on various activities of the GYV platform including:*
 - a. What charities to accept*
 - b. Choose a sub priority of a campaign: submissions and everyone votes to choose the charity priorities (upvote vs downvote)*
 - c. Vote on NFTs releases*

GYV admin tracks the 90 GYV from Donny to Dr Zoro, via the smart contract
SMART CONTRACT

GYV admin

- *display the current trending of campaigns through social interaction of the donors' voting (up or down)*
- *can approve, amend, close a campaign*
- *manage the pooled liquidity to grow funds*
- *mints supply each year*

Meanwhile, Dr Zoro opens his metamask wallet and sees 90 GYV (the 100 GYV donation from Donny less the GYV Support fees of 10% or 10 GYV) and converts this to the going GYV rate to fiat

The 10 GIV (10%) is then split as per the tokenomics

- *3 GYV liquidity pool*
- *2 GYV donated to best charity*
- *3 GYV fund operations*
- *2 GYV marketing and lottery prize management*

Appendix 2: **Why GYV?**

GYV platform offers donors the opportunity to globally give the gift of giving in a decentralized manner, to their desired charity campaign of choice. A platform where randomly selected donors will be selected bi monthly and also be rewarded for opening their hearts. These rewards will range from various prizes such as exclusive NFT drops, to fancy dinners with their favourite celebrities and everything else in between.

Traditional charities and crowdfunders will now have the opportunities to list their charitable campaigns on a decentralized blockchain environment with reputable transparency and legitimate cause funding.

You've made your fortune and lambos, now is the time to GYV back to the less fortunate, Buy your GYV and donate today!

Appendix 3: FAQs

Are you legit?

Yes we are a legitimate Decentralized Charity platform with full transparency. You can view our whitepaper here ____.

Are you on Social Media?

Yes we are you can find us on Twitter, Facebook, Twitch, Instagram, Medium, Telegram, Discord, Reddit, Youtube and Tiktok.

How can we contact you?

For any questions or queries or any campaign listings, you can contact us via email on this email: GYTPLATFORM@blockchain.io

Our office is located at 10023 KIM JONG-IL Boulevard, Pyongyang NA.

How do I buy GYV coin?

You can purchase our token by connecting your metamask wallet directly to a DEX - <https://app.uniswap.org/#/swap>. You can select your Ethereum based erc20 token amount you wish to purchase with, and then select GYV Token, then confirm your transaction through metamask.

Do you have proof of the donation?

Yes the proof can be found on the individual address that will link the transaction to etherscan, this is provided in our charities campaign that is successfully funded listings.

GYV Chain: Fanning the flames of charity!