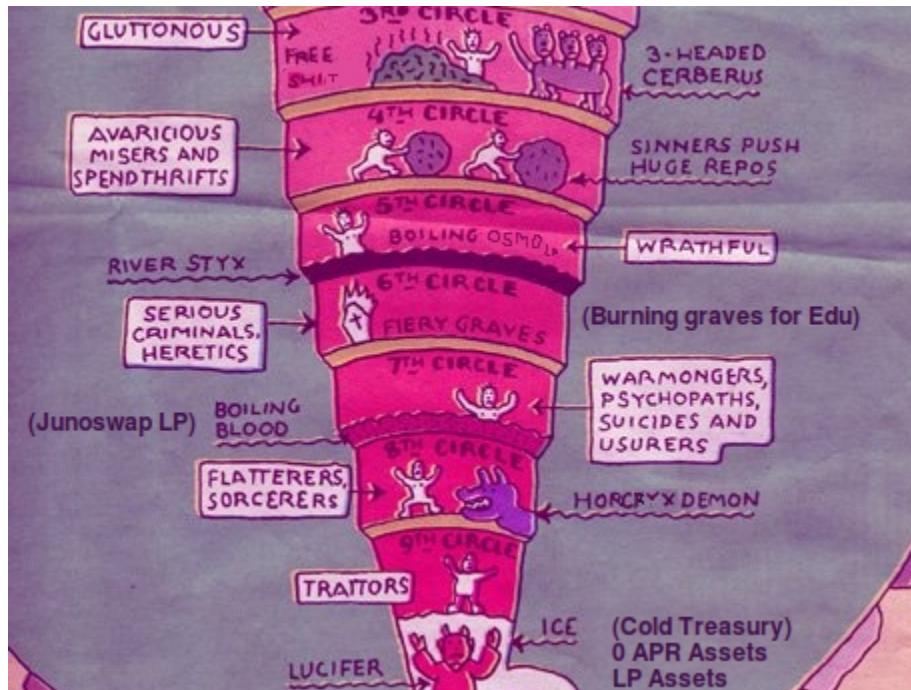


Cerberus roadmap to Hell

Mission: Memecoin. Be hard money. Keep it simple. Onboard new cosmos users.



Startings:

Team

Around March 2022 Cerberus was started only with 1 core technical member (Geryon).

Initial roadmap

Distribute rotating NFT's about a dog with three heads; (achieved)

Do 'something' with NFT's; (future) ~

Include CosmWasm; (achieved, permissioned)

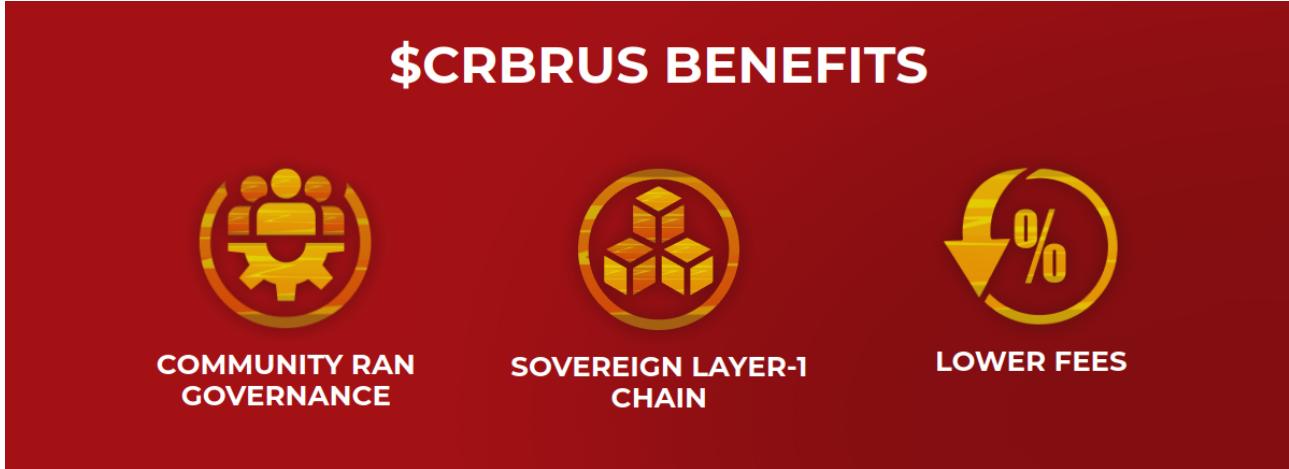
THE THREE-HEADED MEME-COIN AND NFT PROJECT

Cerberus is a community meme-coin and NFT project.
Our project's mission is to give the power to the community
to vote on the project's future through governance.



Screenshot from <https://cerberus.zone/> | Checked 13.11.2022

More on initial marketing, based on the website:

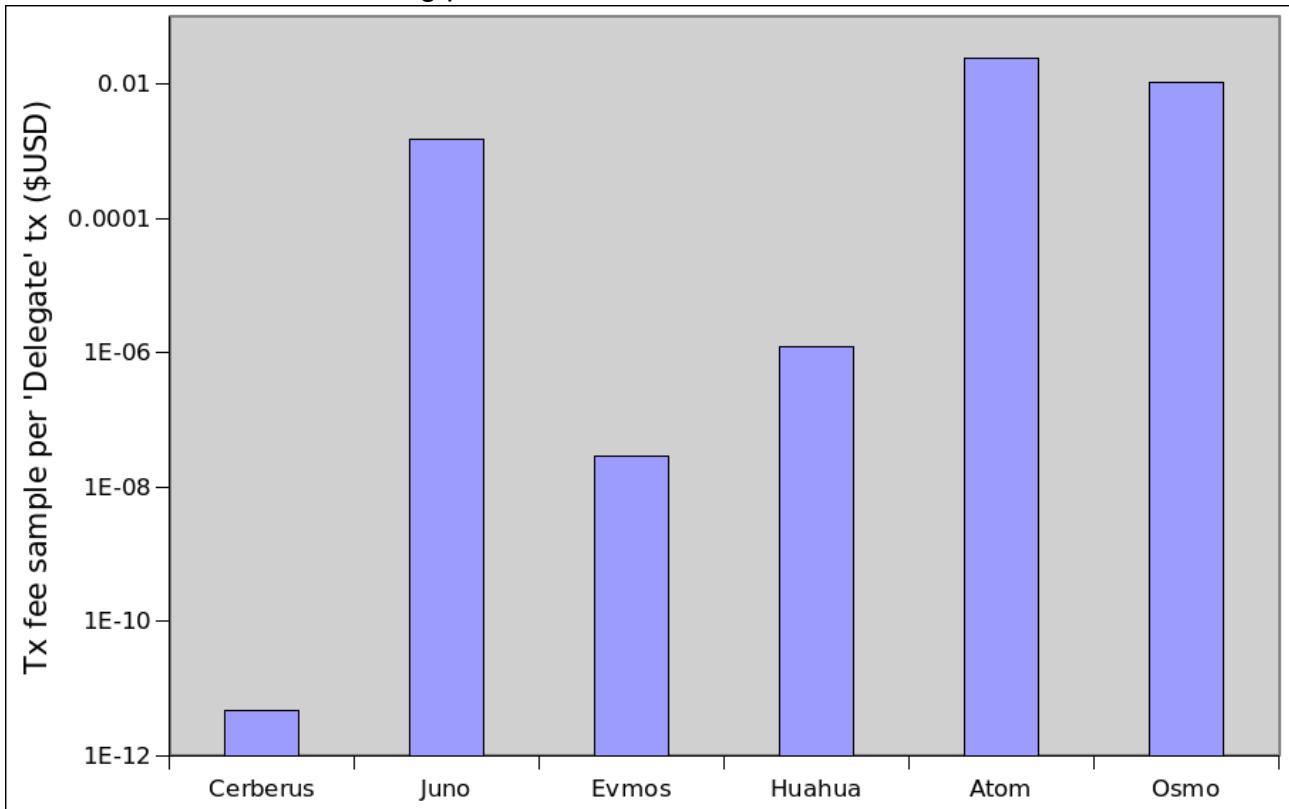


Screenshot from <https://cerberus.zone/> | Checked 13.11.2022

One by one:

- Community Ran Governance: (achieved)
- Sovereign Layer-1 chain: (achieved)
- Lower fees: (achieved)

In fact, lower fees have been compared for a 1-off sample 'Delegation' transaction for different chains in the following plot:



Fees from the last delegation transaction on different chains | Plotted on 13.11.2022.
Y-axis shows logarithmic scaled fees.

Also regarding the initial roadmap, a picture was posted as:



Screenshot from <https://cerberus.zone/> | Checked 13.11.2022

From the webpage roadmap, it is difficult to follow exactly what has been done and not.

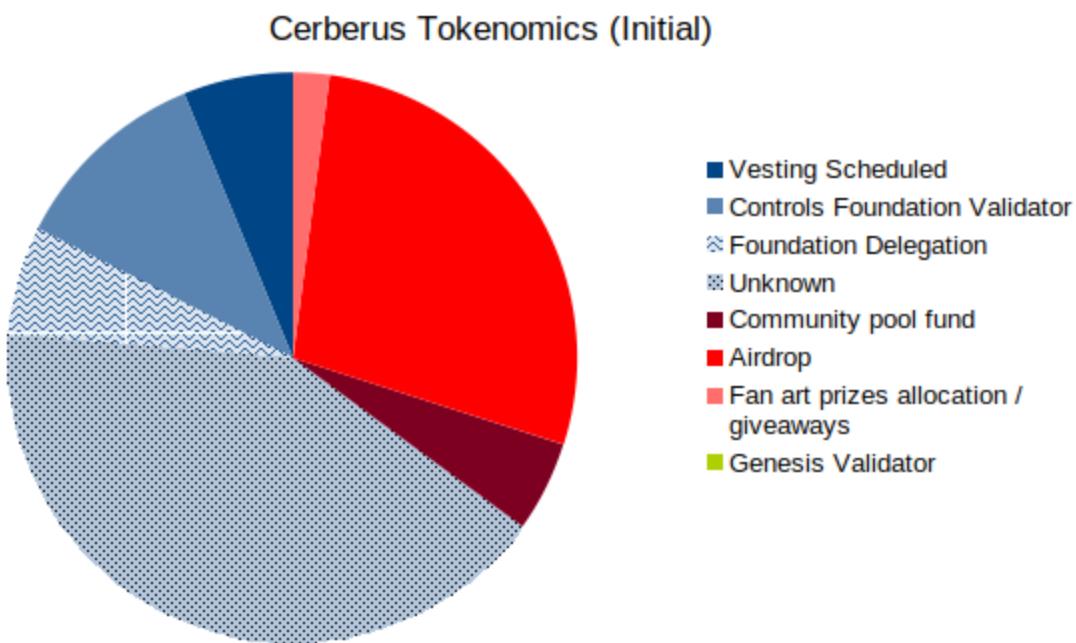
It's generally believed that only an airdrop to chihuahua holders funding of liquidity has been launched. ✓

Airdrops to Osmo and Atom holders are deemed to be necessary, but not yet done.
(Future) ✗

The so called NFT Project == rotating three-headed dogs at omniflix. ✓

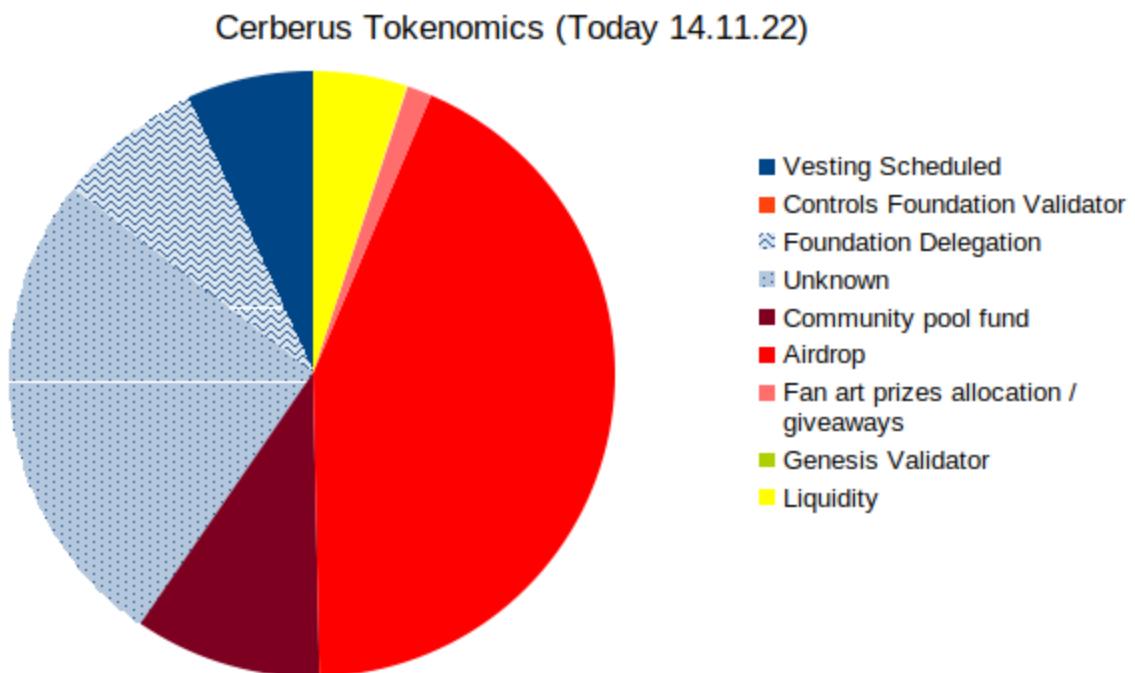
Initial genesis

A full study on the initial genesis will be done. This will be done in comparison with other chains, in order to check if the distribution is fair enough.



Genesis has been checked: https://github.com/cerberus-zone/cerberus_genesis

Progression of genesis accounts



This is deemed to be a danger for the liquidity, therefore there will be calls to the founder to make it fair.

Table of data (Ultrasmall letters, sorry)

Actor	Initial value	Delegation Status	Today's value (Pound = \$crbrus)	address
Vesting Scheduled	600000000	Empty	£ 6,000,000,000.00	cerberus1clvzeeytmjhgw9pjgj7mmaa0h3eeanj3kqd8wm
Controls Foundation Validator	5000000	Delegated	£ 20,131,302.00	cerberus1pxj6k7hpj9ar9sqrdlxhzy8u8d27ftlmippw
Foundation Delegation	600000000	8% Delegated	£ 6,865,645,723.00	cerberus1vszj2qfrtdkvkk9ggycqc8k2armj8g5vta7xu
Unknown	400000000	Undelegated	£ 22,999,999,998.00	cerberus1mey5jekxeat0ptryhq2qprnc4pxpm9k7z9wx, cerberus1p6ea5azz4m96pkh7hxa34tw0d7pd2da7r4liwy
Community pool fund	15995000000	Undelegated	£ 8,850,351,275.00	https://www.mintscan.io/cerberus/xs/2F76C118859D8989E8E5C4E3C094A1DBB30EFF24F99D9BA9EF146DD5F3656
Airdrop	270000000	Empty	£ 38,335,055,000.00	cerberus14dfcu2ajwj40kmq7z2kn6j5a0wk3mmwnc92nn, seems to be under community control
Fan art prizes allocation / giveaways	200000000	Undelegated	£ 1,157,670,641.00	cerberus1n55yg23pwiyuq3w29djl3eq249y07kpn5ash96 cerberus1krcc9ry9pturkyucculyse895mf9cfw956, cerberus140l6y2gp3gxvay6qn70re72s0gn57zs7ndn2, cerberus1xwazibf8kcs4gn00y6x3c47auqc6zsuevxnm, cerberus1t2x6ud5cd5qydhpwpatnw9ub3fc002v087guacf, cerberus1tat2cy39djl927y262s9ngancavktk7yeah, cerberus1gp957czrygfyxwn3tmyy2f09q2p4pe2d8l5e13cerberus1kdqjzvznufaykuwpuzglu933jshw8wlnvx2a5e13cerberus1r34mlqewsxrde38p3tzwh3 rk5v6e20dwgmks25e13cerberus116kh4xy034fseyhvc6fkbasukldjy8dpk5e13cerberus1eckdsanax0n29y7c7cyzrxsk5hn3a7e45e13cerberus1td92 5qw139f407gxf6l2u2x80ena77138cnwhf5e13cerberus1y3thykj2hmdc8fwav8lkphmwp89ukny605e13cerberus13jawen574rf3f30u5fh7e8n6say5gkwtq 2rgs13cerberus1g3d36fxqltnz3hz05scs2wngjyk2zal2be5e13cerberus1u36kxtpypp6cw9aa2e3up4jntn0e0zdmbfzxpk5e13cerberus1evv5y2ake002n912 715qhqcwgwd8up2wmwsz65e13cerberus1uv2g9nd8qtjjyxjs30x7j878d3w4264x75e13cerberus1jstegk7q0vw2q8t2rsqj3s5tviguqk92jrs5e13cerberus1 10ypajp3q5u5yxfud3ay95th0k7467kyp7tdq5e13cerberus13u28x0rgm950639yklqq5nh6gwfphit57g5e13cerberus1ga0xxzst2hjyjtqnfz22mapn8vk8uyf9 365135e13
Genesis Validator	50000000	Delegated	£ 44,395,798.96	
Liquidity			£4,500,000,000.00	

Summary (where pounds are \$CRBRUS):

under founder control	£ 37,043,447,664.00	41.73%
under community control	£ 51,729,802,073.96	62.50%
proposal for founder controlled funds	£ 124,151,524.98	

Comparison with other airdrops/tokenomics

TBD

Fair Distribution

Cerberus was the first IBC chain to have authz and to implement restake from genesis.

This was thanks to the prompt action of REstake (by ECO Stake). Being one of the first chains they were participating as a genesis validator, having a Cosmos SDK able to do authz transactions and having a mid-mature version of Restake allowed for this.

While other chains might be overtaken by tech-savvy people, high frequency APR's etc... An inequality factor can arise if the APR is too high and the users don't have a simple to use compounding mechanism.

To see a comparison (this can be done further):

<plotting n° of validators with restake enabled on other chains, compared to the size and their VP and the size of the chain>

NFT's created by initial team & others

Cerberus NFT collection can be found at

<https://www.omniflix.market/collection/onftdenomead9755182cc407f97b523b125a74fc7>

This collection includes 50 NFT's, floor price 4 ATOM and 34 owners (as per 24.11.2022).

This collection states '*Cerberus Series 1 is the first in a series of Cerberus NFT collections that will release as a 50 limited edition mint. Future utility and use-cases for the NFTs may be integrated into a gamification platform. For Collabs TW @CerberusZone*'.

As per today those NFT's don't have an utility/use-case other than holding art. (Future & Probably we need to give them less value than the actual CRBRUS tokens, but this is something.)

Activity freeze

Some personal problems led to less activity than one might expect for a blockchain.

Abandoning dilemma

While many validators have abandoned the blockchain, the initial developer hanged around giving soft signals of work resuming. However this abandonment seems to affect the trust on the chain.

Assets available

Code

Cerberus repository: <https://github.com/cerberus-zone>

Cosmostation / Mintscan explorer

It allows the people to check on their tokens based on a high quality front end and trusted participant on governance and community: <https://www.mintscan.io/cerberus/>

73 Validators

73 independent participants in the network exist.

Archives running

Data availability is ensured. The Cerberus chain can be synced from the beginning without interruption (only normal updates and patches). There has been no fork or export of the chain, so everything can be exported in one Archive only.

Testnet

Inferno-1 testnet: Was used to test Cerbywasm.

<https://medium.com/@windpowerstake/how-to-join-cerberus-inferno-1-testnet-2340b256f1d6>

Inferno-2 testnet: Ran briefly in order to test next upgrade/patch, Dragonberry.

Inferno-1 resurrection: Is running in order to test v3.0.1 (it survived as well to v3.1.0, but it failed due to physical hardware problem of one of the three nodes, the flaw was to run a testnet with less population of nodes == noted).

Inferno-1 resurrection2: Will test again v3.0.1 to v3.1.0.

The Saving Cerberus series of proposals

Send cerberus to hell

Always_has_been.jpg

Turning Cerberus into Hard Money

This was proposed by Golden Ratio (validator) and was followed through as a mid-term vision. The idea was voted on commonwealth.

Saving Cerberus – Reducing inflation

This idea was proposed by Sneed (anon)

This proposal was initially submitted as [Proposal 10](#), and had the following contents:

"Saving Cerberus is meant to gauge overall community interest in A) Reducing Inflation, B) Reducing Cerberus Supply Via a Burn Mechanism and C) The Creation of an Elected Cerberus Advisory Council. If the proposal is passed, these ideas will be further discussed and refined on Commonwealth in order to create a formalized proposal for the community to vote on.

Vote "Yes" if you would like to see formalized proposal regarding Reducing Inflation, Reducing Cerberus Supply Via a Burn Mechanism and The Creation of an Elected Cerberus Advisory Council."

So both ideas are accepted:

- Reducing Inflation;
- Reducing Cerberus Supply via a Burn Mechanism.

Hell Chairs (DAO)

This idea was proposed by Sneed. Hell Chairs would be 5 and would control a Juno DAO containing funds.

This DAO was proposed here: <https://www.mintscan.io/cerberus/proposals/13>



Hell Chair of Collateralization & Treasury Finance Activities	Hell Chair of Price Stabilization	Hell Chair of Inflation	Hell Chair of (exo) Cerberus Operations	Hell Chair of Supply & Hellfire Mechanism
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Derivative work by windpowerstake. Author-Ref: 5 Chairs: [Cbuske46](#) , CC-BY-SA.

Elections:

- Price Stabilization: <https://www.mintscan.io/cerberus/proposals/14>
- Inflation: <https://www.mintscan.io/cerberus/proposals/15>
- Hellfire: <https://www.mintscan.io/cerberus/proposals/17>
- Collateralization: Free slot
- Exo-Operations: Free slot

Contracting a CosmWasm developer

This was proposed and run here: <https://www.mintscan.io/cerberus/proposals/16>

The job was done and resulted in an upgrade proposal:

<https://www.mintscan.io/cerberus/proposals/20>

This was deemed as a good work and paid out as per contract. Now Cerberus has lean cosmwasm capabilities. (Done)

Running a Multi-Party validator

It's assumed implicitly on conversations that running a Multi-Party validator will be done by the Hell Chairs.

However, chairs are:

2 validators on only Cerberus;

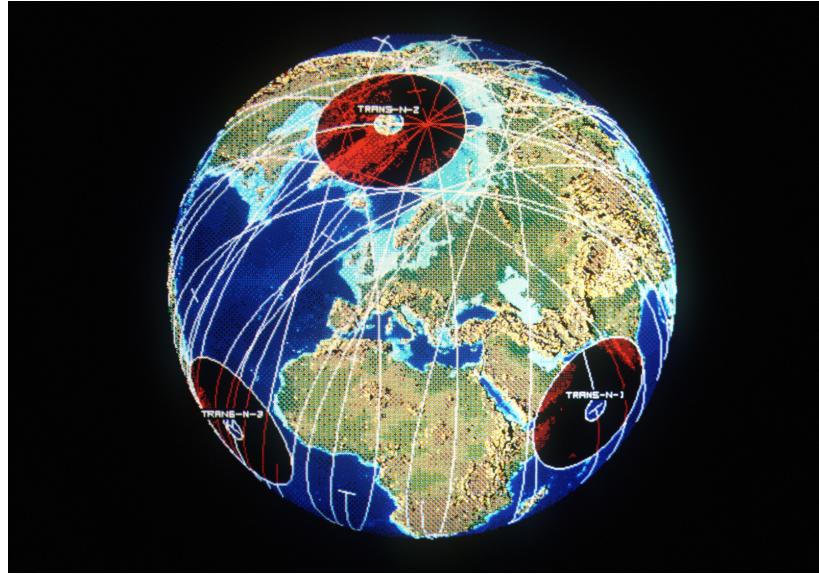
1 founder running only Cerberus; (not yet elected, missing in action)

1 (not yet elected) member;

1 multichain validator.

In order to run a Multi-Party validator smoothly it would be needed to have much more diversity, self-built-reputation names. Therefore it is not considered viable at the moment.

On his hints on Multi-Party validation based on geolocation of an Earth-Meshed validator party, using Horcrux.



The U.S. National Archives. PD-gov. <https://catalog.archives.gov/>

Present and future

Workflows can be classified in three main branches.

Viable: Experiments with the chain

IBC needs to be repaired. Atom holders need to be airdropped. Osmo holders need to be airdropped, and at the same time tokenomics need to be good enough that this actions minimize the risk of a liquidity crunch.



Burn investigations

Not yet started. Placeholder for when everything is calm.



Viable: Welcome validators/participants

A chain can run with only validators that want to work out their development skills.



Funding wise, we need also to focus on funding IBC relayers.

Not viable at the moment: Run a multiparty validator - Hell Chairs

Multisig experiments

<https://medium.com/@windpowerstake/how-to-create-a-validator-from-a-multisig-account-8ec8d0d442ad>

Horcrux investigations

Not yet started. Placeholder.

This is all on the scope of running a multiparty validator.

Not viable at the moment: Do something with NFT's

Also keep it easy.



Simplified roadmap - Conclusion

