Welcome to another wonderful AMA conducted in @ZePicks!
Today's guest is @CryptoOrbicular from $ORB team, here to answer our questions and fulfill our curiosity.

AMA format is, as usual, as follows:

- Introduction to the ORBICULAR project and one-man-devving-crew

- Questions from ZeTeam

- Questions from Community

- How to follow the project and find out more about them.

Without further due, here's the transcript:

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Intro to ORBI: ORBI is a rebase token, that bases their rebases on the immutable laws of mathematics, following a Sine Wave pattern over a two week period. A week of rising supply is always followed by a week of falling supply, and vice versa.

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ZeTeam:
So, the first question to ask (at least when you're maths-averse like me) when you hear about a token whose supply follows a Sine wave is... Why? What gave you the idea to incorporate that model into a token?

Good question. I believe rebases are good. The creator of the rebase concept, Ampleforth, stated that rebases are good because they provide something that can add volatility to a token. The addition of a mechanism that continuously performs rebases, in their words, provides a "unique volatility fingerprint" that can cause an asset like Ampleforth to not follow the same or very similar patterns as other existing cryptocurrencies, such as Bitcoin or Ethereum. I liked that concept a lot, and thought that I could improve upon that by making the rebase mechanism more consistent. Existing rebase mechanisms can undergo a potentially never-ending loop of negative or positive rebases. Orbicular was made so that those holding the token will never see negative rebase after negative rebase (and a drastic loss in tokens without the promise of an adequate change in price), or positive rebase after positive rebase (and uncontrollable inflation). Orbicular has a unique and much more consistent rebase mechanism, so that the positive effects of rebases can be seen without the uncontrollable aspect that can negatively affect a token.

Now, with the launch of ORBI, I believe you did the standard thing of publicising it on 4chan first, and if I recall it kind of blew up for the first few days with a familiar Uniswap peak and decline pattern. But unlike a lot of projects that see that kind of pattern the first few days, just from following on Telegram and Twitter, it seems that ORBI has remained very much alive. Could you please give us a bit of an insight into everything you've been doing since the token officially went live?

Perhaps also add to that a quote from your website "In the future, changes may be made to how exactly the supply changing mechanism functions, such as the intensity of the supply changes being directly affected by price, volume, or marketcap, or perhaps governed by ownership tokens."

For those that weren't following $ORBI, did anything change yet? Do you have any planned time or idea soon to adjust/change something?

Can do, here's some exposition first: when I first listed Orbicular on Uniswap I actually was under the impression that a few bots might pick up the token and drop it shortly after, and my full expectation was that the token would never even see use. It was more a proof of concept. Then that all happened, allegedly a pump and dump group caught wind of it and purchased it in large quantities, giving it free advertising to draw more people in and before I knew it the price of the token jumped 10,000x. I wasn't expecting that, and the people that started participating in the Orbicular community made me much more interested in developing and growing the idea. And so that's what I've been doing. I built a website from scratch, got it hosted on the cloud, I have plans to fully decentralize ORBI (rebase function is still under my control, but I've automated that on the cloud, too).

I've spent most of the last 3 weeks undertaking a concept that a lot of the early Orbicular community people suggested: staking. I gave it a fair bit of thought and have been designing my own staking framework from the ground up, and created one that allows me to give rewards based on any pattern I want, and have my own other twists on how to make staking more unique.

As for that, I have plans right now for after the new staking tokens are released to turn ORBIs into or involve them in some form of governance, whereby ORBI holders will have control over the rebase functions for various tokens in the now growing ecosystem. Right now I am thinking that some of those things could be how intense the rebases are, and how frequently they happen.

I think that middle paragraph sounds worth expanding on, do please tell what expansions to the Orbicular ecosystem you've got brewing. For starters, you can tell us the names and where you got the inspiration for them from (I'm a sucker for nomenclature)
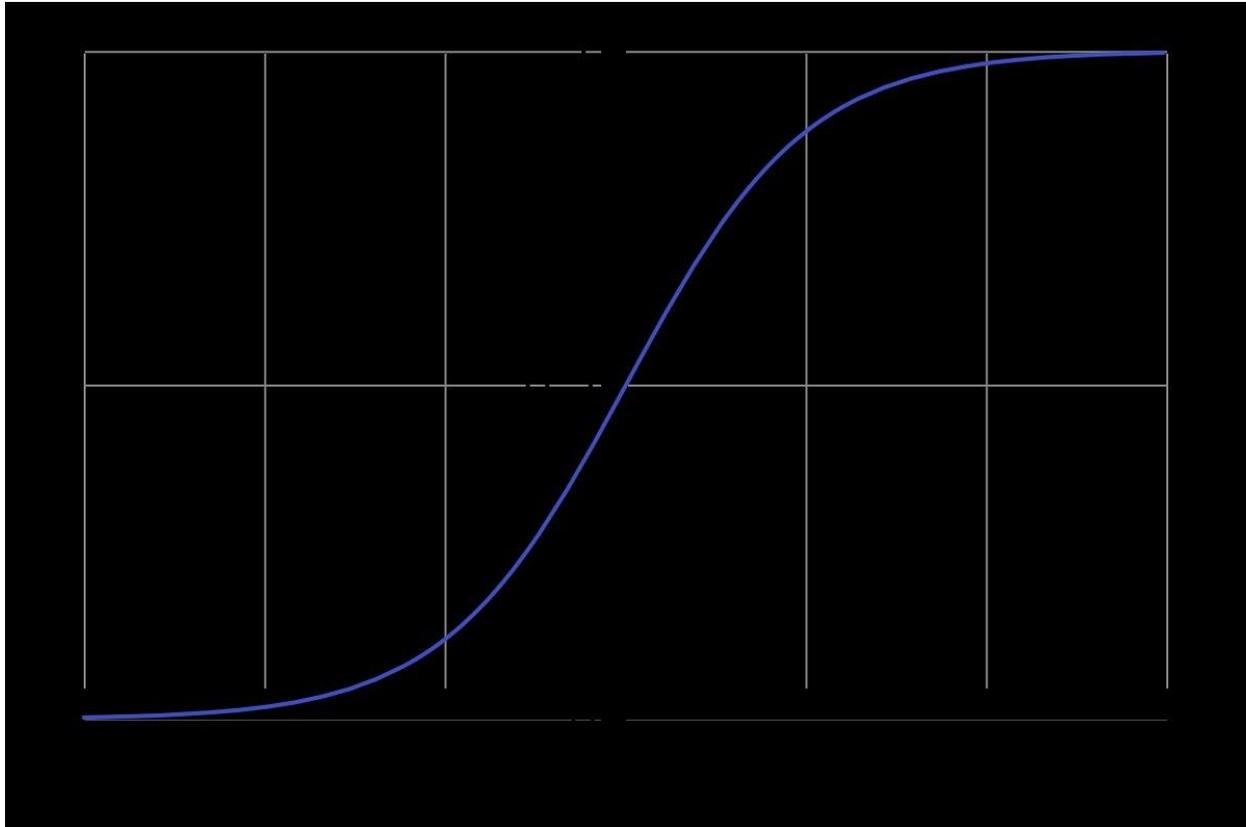
Sure thing. There are two new tokens being introduced in order to implement my idea of how staking could be done, their names being Azizos and Arsu. I let my community know that I like naming things based on mythology or relevant but non-English terms, and asked my community if they had any recommendations like that for a pair of twin tokens. Azizos and Arsu are two twin-brother Levantine gods, and I like the sounds of that and Azizos doesn't seem to be in use for any other token (Arsu does but nothing very official) so I figured that was a good candidate. The way staking works with these two new tokens is that you can lock one of the twins, and when you unlock, your reward is the opposite twin token. The rewards are also based on a logistic curve, such as the related picture. I picked that because it was a compromise between the hyperinflationary (and hype/momentum building) structure of rewards and the disinflationary (and hype/momentum reducing) structure of rewards.

This would then be a way to give rewards that should be hype/momentum building at first, but then taper off over time so as to not inflate infinitely, rendering the token worthless. There is also the option to stake the liquidity of these new twin tokens with Orbicular/Twin Token liquidity pairs for even greater rewards, incentivizing liquidity on top of already incentivizing holding the tokens.

"whereby ORBI holders will have control..." so if I understood right, $ORBI could potentially become a DAO some time in the future?

Correct, that will be my most likely next course of action in building a crypto ecosystem.

They're the sun and the moon if I recall correct, so basically two opposite but complementary forces in mythology?

Yes, and I almost forgot to mention why that fits these tokens so well. Both will also have sinusoidal rebases (offset from ORBI so as to not overlap), but their rebases will be opposite between each other. When the supply of one of the twins rises, the others' supply will fall.

That sounds like a lot of maths that went into all that. But it's all been checked out on testnet and suchthelike and found to work as expected?

Correct, about 90% of my time in the last three weeks was testing each and every function in numerous ways on the Ropsten testnet to ensure that each worked correctly and as predicted. The last week of testing included a full testnet launch of the Azizos+Arsu and Orbicular on the testnet and the creation and launch of a staking interface on orbicular.io so that anyone could test the functions and that anyone could participate in staking equally. That test was a great success, with very few and minor changes being made to the contract code of Azizos+Arsu and a lot of changes to make the staking interface more friendly and usable.

I've got two more questions:

1) Adding the new twin tokens and staking to change ORBI from a token to an ecosystem is a pretty big move; exactly how are you introducing them? I believe there will be some airdrop for existing ORBI:ETH liquidity holders, but how else will they be distributed?

2) Gotta put you on the spot a bit: like you just said, 90% of your time in the last few weeks has been dedicated to testing. Are you able to keep running the new ORBI ecosystem on your own, or do you plan to bring in some developer assistance?

There was a full financial plan made for those twin tokens before I released them, mostly because the community let me know that locking and burning all of my tokens immediately makes funding an exchange listing or marketing rather... impossible. The new tokens are currently undergoing a presale of 40% of the supply so that funds may be raised to fuel an airdrop as well as putting up a much greater amount of liquidity than was put up for Orbicular's launch. The airdrop contains 20% of the initial supply of the twin tokens and 1/3 of it will be distributed to ORBI holders and 2/3 of it will be distributed to ORBI:ETH liquidity holders. 30% is allocated to be added to the Uniswap liquidity pool after the airdrop is completed, and the remaining 10% is reserved for exchange listing, marketing funding, development funding if needed, community rewards, etc.

I don't forsee needing to bring in developer assistance as of right now, as I get more and more crypto developing under my belt, I'm becoming faster, more efficient, and more accurate at creating and adding to the ecosystem. There was also community member who recommended at some point putting the entirety of the website on github, so that anyone can send a pull request to improve the website, which is a very intriguing way to have community driven website development.

ZeCommunity Time!

Do you have an end goal for Orbicular?

An end goal for specifically Orbicular is getting it so that anyone can trigger a rebase. Once I've done that I don't think I need to change Orbicular any more. I don't have any end goal for the ecosystem however, there is so much for me to experiment with and so much room to grow in DeFi.

I saw in the white paper that the twin tokens start off with an extremely small supply, that gets bigger. Doesn't this mean inflation that could work against the earliest hodlers?

Correct, but that is where staking finds its use. When you stake one of the twin tokens, you are actually locking in your percent of the supply at that point in time. Your rewards then start to follow the logistic curve mentioned in the whitepaper. The entirety of the growth of Azizos+Arsu is in rewards generated by staking. Something interesting about how that works too is that if nobody stakes any Azizos or Arsu, the supply will stay the same, since the supply change is fueled by staking rewards. Basically, earliest holders have the most to gain if they choose to stake their tokens for the duration of the staking period (officially one year, but small amounts of rewards can trickle through over the next 4 or 5 years from my testing).

Will there be any changes to the staking interface? Looks a little uh... Technical?

I'm always looking to improve the interface and all aspects of the website, and most of what I do is driven by community recommendations. I do want it to be a bit more technical though, so that it has the most functionality that it can. I know some staking interfaces are very restrictive about how much/how little you can stake, when you can unlock, what you can do with your position when it's locked, how long you have to lock, etc. The interface now offers a large degree of freedom to that.

Oh, and will this be going onto the AMA archive on the website?

Yes

Asuka or Rei?

Asuka, I got a thing for redheads.

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With that, we conclude this great, technical AMA with the dev of $ORBI!
We hope you enjoyed it and found it useful, please visit the links below to connect and stay up to date with $ORBI news and updates:

Twitter: @CryptoOrbicular
Telegram
Presale Info
Whitepapers for all Orbicular systems here