

Orbicular AMA, 8/23/20, 9AM – 7PM

From **Telegram**:

@SocialMinerG: **Why is Orbi worth a HODL?**

Ultimately, it is up to each and every person to decide if a token is worth holding, but for \$ORBI I fully plan on maintaining and improving the token as much as I can. I also have plans to add a sister token to \$ORBI that will most likely have a supply that increases/decreases inverse to \$ORBI, and this sister token would most likely be partially airdropped to \$ORBI holders. I also plan on going to as many exchanges as I can in the near future to get \$ORBI listed in as many places as possible, to help drive liquidity/volume.

Andrii: **What is your marketing plan?**

I don't currently have a specific marketing plan, most people who have already approached me about marketing early on demanded exorbitantly large sums of \$ORBI (of which I hold zero) or Ether, and none so far have had a great track record. I will keep looking to see if any marketing opportunities that I can take arise that also don't make me feel uncomfortable (paying large sums to others to shill for my token being something I don't really want to do).

@Moson0: **Are there plans to hand the rebase function control over to a smart contract. Have an idea for a layer to be built over the top of this but won't be safe until the rebase function is in admin control of contract.**

I am in the process of figuring out how to do exactly that. I'm not 100% sure how to do it right now as I have mistakenly left out the easiest way to do it: The contract contains no ownership changing function. I do plan on trying to make the rebasing as automatic and out-of-my-hands as I possibly can.

Hadi Reslan: **@CryptoOrbicular are there any plans in the near future to introduce staking by any chance? Or that's completely out of the picture? Because from what I've seen, that hypes up the buyers by knowing there are incentives to having a hold of this coin and so on.**

I'm in the process of learning as much as I can about staking to see how that can benefit \$ORBI (or future token additions) without disturbing the existing mechanics too much. I would need to understand how other ERC20 tokens are implementing staking and why they're doing staking, and if there are any significant downsides to making that a part of how things work.

@cstewart: @CryptoOrbicular Thoughts on how liquidity begets liquidity and how orbi creates weird market incentives to buy/sell on rebases and pool provivers are VERY incentiived to pool? seems nea no idea if it was inentional

It was definitely on my mind when I made it the many game-theories that this token's mechanics would create. Before I released the token I was testing some of the different strategies and ways to approach the token, and one of the more interesting ones was that if there is nobody else trading, one can "game" the supply changing mechanics by buying at a low supply and selling at a higher supply. Doing this actually results in the trader "stealing" from the liquidity pool by abusing what I believe is commonly known as impermanent loss.

But that only means that the token has a built in incentive to be traded, and once one person starts to trade in such a predictable pattern, one could then make more money by buying/selling to the advantage of knowing the existing buying/selling patterns, you would always know when to buy low and sell high.

This sort of catalyzes people to trade the token more and more, and ironically, the initial strategy of "stealing" from the liquidity pool should be outweighed by the catalyzed volume causing those in the liquidity pool to receive more and more fees.

@SocialMinerG: @CryptoOrbicular Are there any plans for partnerhsip with other legit projects like yours?

That depends entirely on what makes a project "legit". I am always open to partnership ideas, but so far, the ones I've received are mostly just "advertise us and we'll advertise you" which isn't very interesting to me right now.

@NicNation: @CryptoOrbicular any plans for a whitepaper or roadmap creation if there are things you want to do in the future of this project?

I have plans to update the existing website with a somewhat more formal explanation of the rebasing mechanics and what may result from them, and a roadmap is definitely something I want to add as well.

@Bellhop77: @CryptoOrbicular how would you say the community can help out the most in making ORBI the success we believe it to be?

As always, the community simply existing helps \$ORBI's success, but the most beneficial thing I can see in the short term is finding the best ways to:

- 1) relinquish my complete control over rebases, I had an idea to airdrop to an updated contract that would allow me to change ownership to a smart contract and I see others have had that thought too, as one example, and
- 2) Implement more functionality into the token, with staking/yield farming/liquidity incentivising being something I see very frequently. The more information on those topics going through this community, the better I can approach adding that functionality to this token and potential future tokens.

@Jelly4Fox: Will the website be updated to look more professional?

Looking more professional is something I would want to do, but it isn't a top priority. I am after all, a single person who has a habit of trying to avoid frameworks and other people's libraries as much as possible (at least with respect to web development, it can get real sticky real fast when you need to do something very specific and someone's very pretty framework lacks the functionality to let me do things the way they need to be done). Everything so far was made from (almost) scratch, or as close to that as I could get, and I prefer function over form. I do understand that form has importance, though.

@cstewart: If I put funds into the pool can I lose them?

Theoretically, if you fund the liquidity pool, and there is only one other trader that buys at a low supply and sells at a high supply, you would end up holding more and more \$ORBI and less and less ETH, with the ETH loss outweighing the value of the \$ORBI gain, so yes. But from my understanding that is only possible if there is one person trading, or every trader makes the same choice to do that simultaneously, so it should be extraordinarily unlikely to see impermanent loss negatively affect liquidity holders significantly.

@cstewart: @CryptoOrbicular how many nature runes for your dragon scimmy :^)

UIM only 😊

@SocialMinerG: @CryptoOrbicular How about higher plans for marketing? Like approaching some twitter influencers and crypto youtubers like me?

Marketing isn't very high on my priorities and most likely it will remain that way. I'm in this to see how new technology can be used to push the limits of how things work, so I'm not sure what more marketing would accomplish, at least for me.

@Nanaki_01: @CryptoOrbicular are You planning to disclose Your identity at some point in time when the project is more established or prefer to stay anon?

need to think about it more. My gut instinct tells me not to make myself publicly known right now because everything is so volatile, and I can't predict how people will act. I'd like to do it, though, as I have seen it brought up several times that an anonymous dev can make people uneasy.

Right now, I think it's most likely that I'll release my identity long before the 6 month token lockup happens, I wouldn't be surprised if I decided to do it soon, as the more I think about it the more I see myself being negatively impacted as being unlikely.

@DecimTheBartender: **@CryptoOrbicular Are there any marketing plans in the works as of now?**

None in the works right now, I hold 0 \$ORBI and just enough ETH to let me pay for the gas for rebases, and most people that approach me tend to go silent when they realise that I simply don't have money to give.

@Nanaki_01: **@CryptoOrbicular Did You ever worked on a project of similar magnitude before?**

It's hard to say, when the token was first released it didn't seem high magnitude at all, just some contract code deployed, but it has definitely become something much bigger than deploying some contract code. I guess "no, this is new to me" is the answer.

John Stoke: **@CryptoOrbicular could you perhaps clarify what the rebase algorithm does exactly to the wallets of long term holders? Or in other words: will the amount of coins I hold be exactly the same in 2 weeks from now or will they slowly decrease?**

If you are just holding tokens in a wallet, you will always have about the same amount of tokens, with slight variations depending on where in the 2-week cycle you are. But, in general, if I have 100 tokens now, on say, a Wednesday, every other Wednesday from that point on I will always have 100 tokens.

@NaveenLakku: **Any planning on listing on exchanges @admin**

I will see if I can get listed on other exchanges, the more the merrier.

c b: **@CryptoOrbicular what is the use case here? Also give us a price prediction EOM, EOY etc**

It depends on who you are, my use case from this token is to put the theory of rebases to a fair test to get a feel for their actual and practical effects on market behavior. Arbitrageurs can take advantage of the rebase events for a profit, in theory, market makers can take advantage of the arbitrageurs' predictable behavior, and liquidity holders can take advantage of the market makers' actions. I can't speak for a price prediction, since price is controlled by other, unpredictable people. It could go down or up significantly, but what I believe is important is that as long as one person has tokens in the liquidity pool, the token holds some value, and if the token holds some value, the liquidity holders, arbitrageurs, and market makers all can get use out of the token.

@zonnnygirl: Hey @CryptoOrbicular what coins over your crypto career inspired you to make your own? (Besides AMPL)

Antiample inspired me the most to make my own, since it showed that the rebase theory, if done fairly, has some merit and can produce interesting and new market effects. On top of that, Antiample was the first (in my opinion) to fairly use rebases, but left out the effects of positive rebases. So from that I felt there was a need for a coin that fairly used positive and negative rebases to put theory to the test, and that's what drove me to create Orbicular.

@Bellhop77: @CryptoOrbicular could you please dive a tiny bit into the technical side about your previous comment about two coins with inverse rebases and using genetic algorithms, neural networks, or hidden markov models to maximize market caps? I shared this with a bunch of technical friends and they need a bit more elucidation, if you can of course

Yeah, so one thing I noticed in my main inspiration to make Orbicular, Antiample, was that there was so much focus on the price. Lots of talk about how only negative rebases should only ever increase price, and how it could, if it worked as people thought it should, just increase the price forever.

I thought it was short-sighted, as for starters, holding 1 \$10 token is not any better than holding 10 \$5 tokens, even though the price per token did double, the value of those tokens went down by 80%. If there is any significant correlation between a rebase and a change in market capitalisation, however, then a system could be designed to do something more valuable, like maximising market capitalisation. If I had to guess, I would say that there is some correlation between rebases and market capitalisation, due to various parties being able to take advantage of the market effects of rebases. Something like a long short-term memory network could be trained to classify if a positive or negative rebase (and by what amount) is the correct decision to make if one wanted to increase market cap.

Jameel Weeks: gm @CryptoOrbicular any chances of integrating into the Polkadot ecosystem in the future?

I'll look into that.

@zonnygirl: **@CryptoOrbicular has the early fudding on this coin discouraged you at all?**

Not in the slightest, the early fudding (and even most of the fud I see) is 99% incorrect, insignificant. the most I saw and still see is "this is a pump and dump" or "this is a rug pull".

I'll address those:

Tokens that have ICOs or presales or airdrops are significantly likely to have at least some of the early participators orchestrate pump and dumps because they are essentially getting "free" tokens. What I've done is minimise that to the best of my ability by having no ICO, no presale, no airdrops, and interestingly, the first and only "marketing" or "shilling" I've ever done was create one thread on the /biz/ board of 4chan at the time the token was made (and trading at a price of something like 0.000012) just to make sure that at least one random person had the potential to find the token. I've also constantly driven away people wanting to "advertise for me" for large sums of money, and the only tokens I gave out was at the time a payment that I made sure couldn't move the price more than 10% (in the first hours of an illiquid token, that shouldn't be a significant amount) even if the people I gave those tokens to instantaneously market dumped all of what they were given at once. I can't think of any way this could have been done to minimise pump and dumps more than what I've already done.

As for rug pull, that one is almost too easy to deal with. I genuinely hold zero \$ORBI, and I think it's more entertaining that I keep it that way. All of the evidence for my wallet, the contract creator address, being physically unable to rugpull is publicly known and verifiable. There are some that say I could have bought tokens with a different address right after listing, but that FUD would be applicable to every single token in existence, and so it's not very meaningful.

I am also always on the hunt for good FUD because it means that there is some way for me to improve.

And why do you think it happens

A combination of people that fud in an attempt to lower prices, people that genuinely do not understand how the token works, and people who have been rugpulled in the past who have lost their trust.

Bruh Man: @CryptoOrbicular what do you think will happen to the price of this coin in the near future?

It is impossible for me to know or even to take a guess. There are almost 700 people holding that all have differing opinions and ideas of what this token's value is, that could all change reasonably or unreasonably at any moment. All I can say for certain is that the price of the coin will be nonzero for as long as I have money in the liquidity pool.

@Bellhop77: @CryptoOrbicular I'd love to know if there is a plan on making milestones (i.e. new website, sister coin, auto/optimized rebase) with a timeline (i.e. Q1/Q2 or Sept/October etc...)

I'll make a timeline and put it on the website soon, it will be my first priority after the AMA is complete.

@triumph10: @CryptoOrbicular any merit to randomizing the time of the rebase each day?

My gut tells me that if I randomize the time of the rebase, then bots and automated trading systems will have a huge priority to reacting to the rebase over regular people. I may change my opinion on this in the future, but right now it seems more fair that everyone knows when, roughly, a rebase will occur, I'll read up more about how people feel about how RMPL does things, if RMPL ended up doing things honestly since the last time I looked at them.

@Bellhop77: @CryptoOrbicular what would you say to "Fireside Conversations" like FDR used to do during WW2. He would periodically have a radio speech where he would update the public on the state of affairs and answer questions that were going around. So sort of like a regular AMA (every quarter or so)?

I like this idea, I'll keep this in mind.

@ImpliedVolatility: @CryptoOrbicular are rebases a fixed 4% or is the rebase % variable?

The rebase formula can be found on the orbicular.io website, but in essence, it is variable. It is a coincidence that the first two rebases were just about 4%. The next rebase (tonight) should be about 2%, tomorrow there won't be a rebase because the rebase would be about 0.000000000000000001%, and the day after that it will be about a -2% rebase.

Kappa Cino: did we get/will we get the AMA on r/moonshots btw? or did that not happen?

The moderator of r/CryptoMoonshots did not respond to my request to hold an AMA on their subreddit, and I don't want to do that without their permission. Perhaps in the future they may respond to me and I could hold one there eventually.

@zonnysgirl: @CryptoOrbicular thanks for changing the domain, but out of sheer curiosity, what was hypeforhotdogs haha

hypeforhotdogs is the name I use for hobby projects or ideas.

@NaveenLakku: Can u release the roadmap...?

Roadmap will be first priority after the AMA is complete.

@zonnygirl: **Yes this too. (referring to above question) And can some of our ideas be implemented if you liked them? Like staking, farming,etc**

I am always open to implementing new ideas like staking, someone mentioned ferrum.network, and I'm looking at that now to get a better grasp for the how and why of staking.

@Scarpia: **Do you think swing traders will attracted to this coin because of the sine wave rebase?**

I'd imagine so, but they would need to take into account that the extra effects of their tokens held potentially changing for better or for worse depending on where in the cycle they enter/exit.

@zonnygirl: **@CryptoOrbicular I have another question. What can we as a community do to help the success of the coin? Some of us would like to donate either work, money, or time to help so how can we**

For work/time, keeping a /biz/ thread up (you don't need to spam shill there, just making sure one thread is up is enough) generates an absurd amount of information/conversation/awareness for the effort it takes. The discussion here definitely helps me figure out what's the right thing to do next, and for now it looks like the first thing in order is to update the website with a roadmap, FAQ, and AMA archive. Anyone that has experience in making a website look a little... better could send even just a screenshot or picture of what they think the website should look like or even a mockup HTML page and I could use that to improve the site. Money donations could always be made the wallet address that created the contract, which just to make sure that anyone sending is sending correctly is 0xe1a811bDFb656Dc47a7262dbdE31071d9A916B1a, but I generally won't ask for donations since I have a primary source of income. More information as to staking, such as why it works; how, precisely, it works; and how that could be implemented to an existing (or if a new contract is required) ERC20 token would be helpful so I know what I should be doing there.

@cstewart: **@CryptoOrbicular if I understand the percentage rebase correctly, wouldnt this coin technically be deflationary? Ex 100 minus 10% = 90, 90 plus 10% = 99, Sine wave repeats, etc.**

body of carbon has it right in that the % that comes from the main calculation is supposed to be applied to the initial supply, and the total supply is then adjusted to equal that.

@zonnygirl: **Gotchya, so in the end it ALWAYS oscillates back to original supply??**

Correct.

shaky: **tf does based mean**



@zonnysgirl: **Hey @CryptoOrbicular sorry if this was asked but what's your day job and where did you cut your teeth coding**

Day job is and always has been completely unrelated to programming/coding. I'm self taught. Examples of my previous day jobs have been fast food worker, lawncare worker, warehouse selector, air conditioner repairman, IT helpdesk, customer support for a website, QA tester for a website/company.

@zonnysgirl: **@CryptoOrbicular can you plan an official AMA to time with the roadmap release On reddit**

I can certainly try, still wouldn't want to host an AMA without a subreddit mod's permission, however.

@HardwoodTS: **most rebase coins have a goal of a soft peg what is the purpose of orbicular other than an experiment? that's my question**

I believe rebase mechanics have significantly more usefulness than being used as a soft peg to a single value, we are seeing this theory put to the test. Also see previous replies for the three-way game-theory between liquidity providers, arbitrageurs, and market makers.

@Moson0: **@CryptoOrbicular I got an idea for the website, what if you add a timer for rebasing?**

A timer is a good idea, maybe I can make a chart that shows where we are in the cycle in real time with the time 'til next rebase there too.

From Twitter:

@yvtweets: where did you get the idea to create a defi token that organizes rebases mathematically around a sine wave? also, what's your crypto origin story?

the idea started in the TG of \$XAMP. Members were discussing interesting rebase mechanics. Someone stated they wanted a rebase mechanic that would increase volatility, and the sine wave idea popped into my mind. It should also avoid supply tending to infinity or zero

And as for my origin story, I've been interested in crypto for a long, long while, and I also like to develop/program things. The way Ampleforth's team handled everything pushed me to make my own, more honest rebasing token.

@OP_HODL: any quick rundown of market/liquidity/fee incentives? cool project so far. Thanks for everything.

a very simplified version of what drives this is that traders profit against liquidity holders due to impermanent loss, traders can profit from other traders trading, and liquidity holders profit from the increased # of traders. Like a big triangular engine.

@HempCasuals: What do You plan to do with the tokens unlocked in 6 months?

Either burn them and/or take a very small amount to fund the liquidity pools of future projects, while being as transparent as possible about it and avoiding negatively impacting the market too much. I'll probably burn most of the locked tokens.

@WirelessSoundsH: Are you open to implementing staking (either built but you or 3rd party) and also eventually even creating some utility with this coin such as the ability to farm or integrate with lending protocols. Also any thoughts on liquidity incentives?

I am definitely getting as informed as I can about staking, and seeing what it can do for volume/liquidity, I'm tending to want to play with it at least a little bit. See https://twitter.com/OP_HODL/status/1297523151967059970?cxt=HKwWhIC8jdSb3YEkAAAA for the existing liquidity incentive game theory.

@cryptofies: Are there plans to hand the rebase function control over to a smart contract? Have an idea for a layer to be built over the top of this but won't be safe until the rebase function is in admin control of contract.

I want to automate and decentralize or remove my authority over rebasing as much as possible, but I will admit that there is no ownership changing function in the existing contract. I am researching the best way to "relinquish control", so to speak.

@thecryptonic: How does \$orbi benefit the crypto space? Also, any plans to release a whitepaper of sorts or roadmap for the project?

I have plans to update the existing website with a somewhat more formal explanation of the rebasing mechanics and what may result from them, and a roadmap is definitely something I want to add as well.

@HempCasuals: Are You planning to disclose Your identity at some point or prefer to stay anon?

I might be planning on doing so soon, but with how volatile things are now, my gut tells me not to. If things stabilise, I'll most likely do that, and I see that happening well before the token unlock in 6 months.

@FrancisOfDLINK: White paper or roadmap answer most questions:

1) Will you give deadline to produce them? 1 week roadmap, 4 weeks white paper acceptable IMO

2) Give \$orbi "big-picture" objective: #DeFi? community governed? (Including emission rate of ur 90 mil tokens)

1 week roadmap and 4 weeks white paper certainly sounds doable. I do want to add at least some DeFi functionality, like staking/yield farming or maybe something else.

@WirelessSoundsH: for those of us who would be interested in funding to help develop staking or any other advancements is there a best way to contact you directly?

the best way to contact me would be through Twitter directly, or through a Telegram directly.

@helly_fox4k: Will the website be updated to look more professional and if so what is the estimated timeline for that?

At some point, I would certainly like for it to look nicer, but it's not very high on the priority list. One of my main priorities right now is to update the website with a roadmap or at least some list of goals, and that should help with how it looks.