

 Rochelle - 00:05

Welcome, everybody, to Nosana's last community call of the year. Super excited for this today. I have with me today Caroline Jair, Kees. , Jesse, Daniel and myself. See that, everybody. We have some new people here joining us from the team who've not been here before. It's going to be a great time. We're going to celebrate our achievements from 2024 and preview the exciting future of Nosana and as well have some key takeaways from the November games and hand out some awards. So let's get started. Let's start with. I'll quickly go over what we're going to highlight today. And I'm going to present my screen. Where do I present my screen? Is everyone where? No. Remember went to do this?

 Caroline - 01:14

On the bottom you should have an arrow share screen. Like a green arrow.

 Rochelle - 01:34

Yeah. I don't see one. This is weird.

 Caroline - 01:41

Well, I mean, I can do it.

 Rochelle - 01:56

I just put you as host.

 Caroline - 02:00

All right, one sec. Do you see my screen? If I'm going to do the slideshow like this.

 Rochelle - 02:20

Yes. Perfect.

 Caroline - 02:22

Yeah, great.

 Rochelle - 02:26

Oh, weird, I didn't have that button. Okay, so we're going to go over Test Grid's incredible growth and global impact. We're going touch on some key technical milestones. We're going to talk about our marketing wins, our community initiatives. We're going touch on team growth and what we're preparing to do for our mainland launch. We're going to hand out some November awards. And then for the most exciting stuff, what's planned for 2025. Okay, you guys ready? Who is with me? First, we're going to talk about the test grid in numbers. And I would like Jair to come up here and give us some key achievements and impact in numbers. How it went?

 Jair - 03:16

Yes. Thank you, Rochelle. Yeah, let's take a look at the numbers. Some exciting stuff. As you all know, we started with Test Grid almost a year ago. The end of last year went through three phases. Now are in the third phase working towards Mainnet. But yeah, let's take a look at the recap of the test grid. So far we have over 100 different types of GPUs on our network. It's a very wide range of different type of Nvidia GPUs. From the. In the beginning we had, for example, laptops and to the A6000, A5000, the 40, 30 series, a lot of different GPU types that have run jobs on our network. All those GPU types have run over more than a million total. Inference hours across almost a million inference jobs.

 Jair - 04:16

So at the moment, or at least this morning, it was 1,081,000 inference hours, which is a crazy big number for test grid and almost a big milestone of 1 million inference jobs. All those jobs have been run by a total of 1120 nodes. And all those we didn't onboard all these nodes in the first test grid phase, we've been slowly increasing the amount of nodes that are onboarded on our network. In the Test grid phase one, I believe we started with around 100 nodes and we've been increasing that to this number of 1120. And we still have almost 2000 nodes on the waitlist as well, which will all be onboarded in mainnet. But for the test grid, we're going to leave it at the 1120 nodes. And all these nodes are from 47 different countries. It's a very big number of countries.

 Jair - 05:24

It really showcases the global diversity we have on the network and also the accessibility of our decentralized GPU grid. With so many different countries, different GPU types, it's really cool to see. You can find most of these numbers on our explorer as well on dashboard dot no sign. So if you want to keep an eye on the, on some of the statistics you can all find it there. That's.

 Rochelle - 05:52

That was me great, thank you. Touching in with that. A lot of test grid numbers are possible with a lot of node development. I would like to bring you, Daniel, up here to the screen to talk a little bit about our node version 2 development for us.



Daniel - 06:13

Thank you. Good evening everyone. I'll just be touching upon some improvements we have made on the node. So the first one is we have increased the amount of API routes we offer to the job posters so you can access a lot of more API routes to interact with the node while it's running your job. It increases the communications, like the monitoring. You can monitor your job better. We have a websocket API now, so it sends real times, real time logs real time interaction of the nodes. So you know what you are working on, you know how your job is doing, not just having to wait for it to be done. Also we made these huge improvements where you can now send your jobs privately to the nodes. So you don't need to have all your job definitions out there on the blockchain.



Daniel - 07:15

You can send it privately and you can also retrieve your results privately. So we have had a lot of people saying, oh, you want to receive their results privately or they want to send their job definition privately. So you can do this. Now, if you want to send your job definition publicly, you can do that and receive your result privately. So it's flexible and you can customize it anyhow you want to. And also we are going to make documentation on how the node works public, so any technical person can look into the node, understand how it works. And if you like a feature you want to request, since you know how it works, you can always request it. Yeah, so that's me. That's the improvements we have made on the V2.



Daniel - 08:14

With this improvement, you would see a lot of more user friendliness in using the node, especially for the job posters. They can interact with their jobs more better that way. Thank you.



Rochelle - 08:28

Thank you very much, Daniel, and especially for joining us this first time on these community calls. And we look forward to you joining the next ones in 2025 as well. And speaking of all these works that we've done with the notes, there's more technical milestones that we haven't touched on yet. And I would like Jair, come back and tell us a little bit the major achievements that we've done the past year. There's some pretty exciting things there.



Jair - 08:57

Yeah, for sure. I think so too. We started this year with a big release with the Nosana Explorer, the first version I think released in the beginning of the year, where you could see everything that is happening on the network, the jobs that are running, the inferences, the nodes, the markets, everything. So it's a really crucial tool for network transparency of the network. In the beginning it had some issues with performance because were retrieving all the information directly from the blockchain and at some point it wasn't scalable anymore. So later in the year we released an updated version with improved performance to make it. Make it usable again further on in test script. At the beginning of Test Script Phase 2, we revamped the whole onboarding process for nodes. In the first test script phase, there was a lot of manual work, I believe.



Jair - 10:04

Nodes had to fill in a form with their hardware and we had to manually go through all them, check them. So we decided that we needed a new onboarding process for test script phase two, because we're going to onboard a lot more nodes from the 100 nodes, going to almost 1,000 nodes. So what we made is where that the nodes, when they want to join the network, they run a benchmark job and their hardware gets checked, it gets sent to our backend and database and then our backend, once the node is approved, the backend decides which it decides it automatically maps the nodes to the correct markets. So that saves us a lot of manual work.



Jair - 10:55

And then a couple months ago, we released the Nosana Dashboard, which is going to be like this all in one dashboard where you can do a lot of different things. For now, it's like we integrated Explorer in there and there is the NUSE interface, but there's going to be a lot more cool things that you're going to see on the. On the dashboard. You can find it on Dashboard dot. No sign. It's. Yeah, we're working on some cool stuff there, but for now, it's like the Explorer. So we made a new version of the Explorer and integrated into our. Into the Dashboard. And together when we released the dashboard, we also released a new staking interface with, which is integrated in there as well.




Jair - 11:42

Yeah, there's also been a lot of developments behind the scenes, of course, but these are one of the major things that made the test grid accessible and made it. I think it's part of the success for sure.



Rochelle - 11:59


Thank you. Thank you. Yes, it's been a major success and so happy about all of the test grid things. And some of this test grid success comes from the research that we do here at Nosana. And two people who are big into the research we do are Case and Ben. And if you guys listened in last time, Case joined us on our last call and spoke about some of the research. And I would like to bring you back up again to talk about some of the key learnings and takeaways that we. We did with this research.

 Kees - 12:38

Yes. Thank you, Rochelle. And good evening, everybody. So, yeah, me and Ben, we've been researching. We got onto the team to research. At first we needed to benchmark the nodes and see what their performance was and see how we can run AI inference on them. If you go to the next slide, you can see some research highlights. Yeah, perfect. Yes. So we made the LLM and image leaderboard by gathering the data of each and all of the nodes and then. Wait, are these slides updated? Can you reshare the PowerPoint?

 Caroline - 13:31

Let's see. Presenting it again.

 Kees - 13:34

Yeah, this is perfect. All right. So we first started by benchmarking all the nodes, and after that were focused on other tasks. For example, the new dashboard. So with the new information about the nodes and how they work, were able to create nice templates for clients to use so that they can easily spin up AI inference services. And on top of that, we're now also busy making dashboards and pages for individual note information and general information about Notes and all the information that you would want. All right, thank you.

 Rochelle - 14:18

That is super. That is super cool. And also make sure you check out our blog, because we have the articles about the research that we've done in depth. If you haven't read it, please go read it. If you haven't read it in a while, it's a good reread. So check those out as well. And let's shift a little bit because we have grown quite a bit over the past year. And, Caroline, would you like to share with us about that?



Caroline - 14:49

Absolutely. Hi, everyone. So not only, obviously, we did quite some progress during the year on the technical side, but we also did a lot of growth when it comes to the team. And we're a fully remote team. That's quite an important one to mention. And when we started the year, we only had eight members, and right now it's 17 of us. So you can imagine that's almost a double of the growth of the team that we did throughout the year. Now we actually, I would say, spread across the globe and really covering a lot of locations, which gives us amazing insights and new ideas to innovate. But also one of, I would say our favorite part is that a lot of the new hires actually came directly through our community.



Caroline - 15:34

And that makes us, like, really excited, but also makes us understand firsthand of how the project is going from a. I would say, a community point of view. So this is really, yeah, a big milestone for us. And of course, we continue growing in the team side.



Rochelle - 15:53

Yes, we do. And it is so wonderful to have more of us in the team. It's just amazing. And with that, also, as we're growing as a team and in our tech accomplishments with our product and everything, we're also growing in our brand presence as well. So can you give us an update about some of these juicy numbers you have?





Caroline - 16:15

Absolutely. So, of course, on the marketing and brand side, I would say since the beginning of year, it's been quite a swirl. We've been really focusing on growth and making sure that Nusana is a known project and also really, I would say, a quiet project in the AI industry. So we really focus on growing our awareness alongside the AI industry, but also, of course, still in blockchain. And having those two audiences at the beginning of the year was quite a new, I would say, shift. But now looking back at it, I see, like, how much progress we've made and really with the audience growth, how much we've grown across all our platforms.



Caroline - 16:55

I put some numbers in there for you guys, just to have a quick look, but essentially we really more than tripled growth on all our platforms when it comes to followers and community growth. But we also really got published almost by 60 plus really well known publications from decrypt to coindesk, masari, binance research, etc. So this really put no sana, I would say on a spot where we are acknowledged in the deep in an AI sector. And that's something we were working towards doing the whole year. And on top of that we really started being active on the events front. Our team went to 11 global conferences throughout the year. That's almost like a conference a month if you look at it this way.



Caroline - 17:42

And that's been having a really great impact on our brand awareness too, but just generally showing NOSANA across the globe and what we're building with the broader community. So yeah, this makes me really happy and I cannot wait to see what 2025 brings.



Rochelle - 17:59

Me as well. And a big part of our project is our token and it has been growing in numbers as well as far as holders and stakers and Jesse, would you like to talk about our token health?



Jesse - 18:16

Thank you, Rochelle. Wow, what a back call. So many updates. Very cool to hear lots of new faces and voices here in the call. Excited to be here again. Just wanted to say hi to the community. It's been an amazing year across the board, as we can already see. But yeah, happy to reflect back and I guess it's a little celebration that we should have if we look at the project health and how we grew over the year. If you look back 12 months ago, it is absolutely crazy how much we have grown as a project and as an ecosystem over that time.



Jesse - 18:58

Like considering the number of token holders, the number of stakers, the TVL in our staking pool, looking at all those numbers, we have seen like an exponential growth and there is like we are a really sizable project now and there is a lot of people that are staked and involved and developing and contributing on a daily basis to the project, which is amazing to see. And of course the token for Nosana is a very important part as the token is what drives the product and the token is also the main utility in the network. As what we're doing is we're making GPU power affordable and accessible for everyone. Especially in these times where we're seeing a very aggressive and unpredictable growth in the AI industry.



Jesse - 19:53

Nosana is here to make sure that everyone gets access to that hardware and that is what our token enables. So having this high degree of token holders, the high number of stakers is extremely important for the decentralization and accessibility of our network across the board. Next to that, of course, there is a lot of updates we've seen in the accessibility and liquidity of the token as well. Over the year we've seen a significant number of exchanges listing NOS in various countries across various different locations. So it means that NOS is more accessible than ever now. We're very happy to see that because it means that the token is very accessible and also our product and ecosystem becomes very accessible for users and contributors, which is amazing to see.



Jesse - 20:48

And yeah, I can keep talking about all the achievements, but in general, I think, yeah, really happy on the progress we've made so far. And I want to thank also the community and team and everyone involved as this progress we've made all together. And yeah, that was a quick overview. I will talk a bit more about the future steps, but I'm going to pass it back to you first, Rochelle, for some exciting new topics and I will jump in back later.



Rochelle - 21:22

Yes, thank you. We've just grown incredibly over time since even the very beginning of our project's founding. And before we get into the big thing about 2025, because we know Mainnet's coming up and that's a lot of stuff that Jesse's going to talk about here shortly, what we want to get to is what we've been doing all month so far is celebrating Nosana and our community. So we've had the Nosvember games going on and quite a few of us have spent so much time in the server this month with some fun challenges and things. So the first week was the AI Innovation Challenge and that was where you guys imagine what is possible with AI powered by no sauna. And that was quite fun.



Rochelle - 22:12

And then the second one, the week was a survival game challenge, kind of like squid games with the red light, green light. And then we had a GitHub challenge where we had you guys go up and do pull requests, bug reports, feature requests, things like that. And then just the other day we had our poker tournament. And so for the next slide, we're going to show the winners of the weekly challenges. You ready? Drumroll, drumroll. The winner of the AI Innovation challenge was Lone Wolf. Congratulations. The survival game Luzo was the final person standing there. The most active GitHub user is also the first person to submit a bug report, the first person to submit a feature request, and they had the best pull request. So round of applause and I am not going to butcher your screen name. I always struggle with it.



Rochelle - 23:19

The person with the best pull request. That's right. Best feature request. That's what I should put on there. The best poll request was Carl Blasik. Sorry. You know, I even butcher your name typing it out in the server. And then part of the challenge of week three was to star all the reposts that we had listed in the challenge. And then we would do a random draw of the people who starred all those GitHub repos. And congratulations, 2dor, you were the lucky winner. I'll upload a video in the server showing the spinning wheel with everyone's names. It was quite fun. And then the winners of the poker tournament, well, it was quite a lengthy poker game. And Alex M, you were the third person in there with them and you hung on the whole time until it came to these two.



Rochelle - 24:19

And so, yeah, Sharif and Keres. Congratulations. You split the pot. Well done. I was watching you guys hand by hand the whole time. That was amazing. So, yes, but this is not all. This is not all. We have more awards to give out. So we have been very appreciative of all of you guys our whole journey so far here at Nosana and we have some awards to give out that we didn't even announce. We did not even announce. So here we go. The most active node. Hung, you win. You were the most active node through test grid phase three. Well done, well deserved. Thank you so much for your contributions to helping us with our test grid. It was amazing. And also hats off to all the rest of you nodes. You helped as well. But Hung, you were the most active node.



Rochelle - 25:21

The top coder goes to Luzo. Thank you so much for the pages that you have created on your own around our products. So many of us go to your website, you know, to get stats and figures and things and it's greatly appreciated. And our discord Dynamo, Machodrone. Applause, applause. You are always around helping as many people as you can with some funny comments as well too. You are part of our family. We appreciate you very much. And the person who makes us laugh all the time, Isabel, thank you so much for your funniness and your positivity you bring to our server. Now, I don't math and I stay far away from price channel, but there's one person who is always in contributing to amazing TA and Zuby, that's you. Thank you so much.



Rochelle - 26:19

You put so much charts and so many intel about that with not only our token, but the whole ecosystem itself. And you're Amazing. And our Hopium officer, the person who is so positive all the time, JB, congratulations. Hats off to you. Now, all month long we have been going through racing on a leaderboard and there's two people who have this same exact score up on there and that is Mike and. Okay, are we gonna say this? I'm sorry, I don't want to say it wrong. You're gonna have to upload a voice recording of how you say that screen name. Congratulations, you two, you both made it to level 50. You out chatted and reacted in everything with everyone the whole month. It was amazing.



Rochelle - 27:17

So yep, just like our poker tournament, we had to, we have to have you guys be both up there as XP legends. So congratulations. Now I do want to mention though that the top person last year before all of this stuff reset. I have the screenshot before we did this monthly promotion, so I'll share again the legends we had before and then show you the legends we have on this leaderboard today. So I want to thank everyone who participated, all the entries for the innovation challenge, all the work in GitHub, all of the trivia questions, and all of you who tried your hands at poker and just really came together as a community this month and helped us celebrate everything. Thank you so much.



Rochelle - 28:06

You guys are such a huge part of who we are here as a project, what we're doing and we just appreciate you all so very much. And now the big thing. Everyone's all excited, everyone's looking forward to mainnet and something that's talked about non stop and what's going to happen in 2025. So Jesse, please come back up and close this out.



Jesse - 28:39

Congrats to all the winners of the November Games. Awesome. So much activity there. So 2025 definitely is going to be a very exciting year looking at the AI space and the developments we have seen over the just on a monthly basis. Actually it's a crazy and very exciting, energetic time. But one thing that we are very excited about and confident about is that the release of our mainnet is going to happen on a very good time in January, the 14th of January, and it means that our network is going to be ready for usage by a wide audience of users. So the Nosana GPU grid, the most distributed, widespread GPU grid in the world, will be able to be used by a wide array of users.



Jesse - 29:33

It doesn't mean that we're going to have an insane amount of users on that second, but the goal of 2025 is definitely to get more users onboarded onto the grid and get the GPUs running nonstop and make sure that the throughput in the network is maximized as we expect as the ecosystem and the AI industry will grow. So we are very bullish on where AI is going to bring our network in the next year. The main goal of the year is obviously to get the network to be utilized as much as we can. So this means that we will need to see a lot of nodes being transferred through the smart contracts that drive the network.



Jesse - 30:18

We want to see a lot of GPU hours being reserved and used by all the AI users that we are working with, be it individual students, developers, startups and scale ups. We want to make sure that all of those companies can get access to our GPUs and are able to run as much as they need on the network. As we are like looking a bit further ahead, we are expecting that artificial intelligence is going to continue growing and growing more until there's basically not enough hardware on the planet to drive all the need for running styles.



Jesse - 30:56

And if you look at the really important things that are being solved with AI, maybe like cancer research or huge industrial planning, all these really big AI projects, it begs the question, how are the needs of the everyday man, the needs of all of us that use the need to use AI in our day to day lives, how is that going to be powered? And that is where nosana, where we are positioning ourselves and we want to be able to power all that AI technology to make our lives better, more efficient, safer. And yeah, that's the goal for 2025, to take those first steps as we are finally able to bring a product to the market that is stable enough, that is affordable and that is powerful enough to be really useful to a really wide group of people.



Jesse - 31:50

And the way that we're going to do this is it's already partially planned out. 2025 is around the corner. We're almost one month out. And after the mainnet release, which is mainly a technical release, we will see a lot of efforts being put in by our team to advertise, market and educate people on using our product. It means we're going to go to a lot more events around the world. We will be hosting online and in person events to get people using our product. Think about maybe coding challenges, maybe like hackathon type events. We're going to see a lot of these kinds of efforts being made to get users on our platform. Of course we will always see a lot of tech updates being made as a network like this is never going to be finished.





Jesse - 32:47

We will see around the clock and continuous efforts in making the network stable and usable for everyone, adding the features that are required. Of course, this all happens in the open source, so people can see what's happening. We always welcome asset contributors as well. But yeah, we're expecting to see a lot more brand awareness and customer engagement in 2025. We've achieved a lot, like I just mentioned, a few highlights and we've seen some really cool developments mentioned and remembered during this call. But we've grown so much in 2024 that it's like we would almost forget about that. We're just getting started. There's so much more that we can achieve. We only just scratched the surface. Although it's gone really fast in the growth. There's so much more to do for Nosana. Part of that is also more geographical expansion.



Jesse - 33:44

So we have a huge community in Latin America, for example, in Colombia, although our team has not been very active there, that naturally and organically grew, but very excited to go more into that area of the world to promote our product and to work with local companies to use our network. And same goes for Asia and Asia market, basically, as we've been to quite a few big events in Asia over the past few months, we talked to a lot of people and there is just. It's a huge economy, especially when you look at artificial intelligence, IT and developments being made there. So we're very excited to start the community building and brand building in that side of the market selectively as well in 2025. And there's so much more that we're aiming for in the air. So, yeah, I'm hyper excited for what's coming.



Jesse - 34:39

Very, yeah, very cool time to have. I'm gonna head back over to you, Rochelle. Thank you.



Rochelle - 34:50

Thank you very much. Yes, we're all super excited about 2025. So thank you so much, community, my team members and all of you out there, all you partners for your support in 2024 and then you continued in 2025. We're gonna have a big year coming up, so everybody get ready, stay engaged with our initiatives. You know, keep on in the server. All of our socials follow us along as we go through 2025 main net launch coming up in January. So very exciting. So thank you everyone who joined in today. It was a great call. Perfect one for the last one of the year. So hats off to everyone.



Jesse - 35:38

Round of applause.



Rochelle - 35:39

This was fun.