2023'Q2 REPORT

Hathor Labs

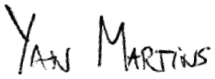
Dear community members,

Quarter 2 was a challenging period for the Crypto market, with notable events such as the Securities and Exchange Commission (SEC) charging Binance and Coinbase, two of the world's largest exchanges. While we don't wish to delve deeply into this matter or pass personal judgment, we believe these events further underscore the importance of building a solid foundation and always look for the long term of the projects, which has been in Hathor Labs' culture since the beginning.

In fact, it is with great pride that we celebrate the one-year anniversary of the first Security Token Offering (STO) approved by the Brazilian SEC (CVM) under its sandbox. So far, the project has been successful and the technology behind it has performed as expected, so much that it has been granted permission to tokenize CRIs (Real Estate Receivables Certificate) and CRAs (Agribusiness Receivables Certificate) in addition to the original bonds. Moreover, we are thrilled to announce that our efforts have been recognized by the prestigious Brazilian Stock Exchange (B3), the biggest in Latin America. They have chosen Hathor Network for their inaugural tokenization project, cementing our position as a trusted partner in the digital asset space.

This announcement from the B3 is a significant endorsement of our compliance-oriented approach and highlights our ability to adapt to the evolving needs of the industry. We are excited to embark on this tokenization project with the B3. It is another solid and significant step towards establishing ourselves as the leading technology for the tokenization of traditional financial assets.

Sincerely,



Yan Martins
CEO OF HATHOR LABS

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EXECUTIVE SUMMARY

We have selected the main milestones of Q2'23 for those who want to quickly be updated about our latest progress, but we strongly encourage you to read through the full report.

01 PRODUCT RELEASES AND UPDATES

Nano Contracts — We're thrilled to announce that this quarter we have shared the initial pieces of Nano Contracts source code with the public. This includes the release of the Hathor wallet library, the Python Hathor library, and the transaction mining service. We are also diving headfirst into implementing robust DevOps processes, encompassing SOPs, Runbooks, IaC, and monitoring, to power the private Nano Contracts testnet. Exciting times lie ahead!

02 USE CASES

The recent quarter showcased significant advancements in the use of blockchain technology, with a particular focus on the **Brazilian Stock Exchange (B3)** tokenization project.

B3's inaugural tokenization project, powered by Hathor Network, revolutionizes the trading of digital assets by offering a regulated platform for the issuance, registration, and trading of tokenized assets. By leveraging blockchain technology, B3 aims to enhance efficiency and security while meeting the growing market demand for secure exposure to digital products.

In addition to the B3 tokenization project, other use cases built on Hathor Network were launched this quarter. We welcomed **MobiUP's Authenticator solution** that utilizes blockchain and IoT devices to create digital identities for products, ensuring authenticity and protecting against counterfeit goods. The product also enables traceability and addresses regulatory standards in various industries.

Another project to highlight is from **KATE Capital**, a leading innovator in the business ecosystem that targets SME segment, where access to the Capital Market is limited. The company has developed a solution that simplifies the entry and exit process for ecosystem participants while providing access to private offers in the capital market. By digitizing processes and eliminating barriers, KATE Capital empowers investors to make informed decisions

and enables businesses to navigate fundraising complexities with efficiency and agility.

Last, but not least, we had **The META GEEK event**. Organized by Grupo Drummond, the festival was created with a governance system leveraged by blockchain technology. By using Hathor Network's custom token functionality, attendees were able to engage in exclusive experiences, earn rewards, and unlock privileges within the two days event.

03 EVENTS

The second quarter was brimming with impactful events, providing us with invaluable opportunities for networking, knowledge sharing, and business activities. We were honored to participate in renowned branded events like **Web Summit in Rio de Janeiro**, where we connected with industry leaders, startups, and venture capital firms eager to explore the latest technological trends worldwide.

Our very first Hackathon in collaboration with **Inteli** (Institute of Technology and Leadership of USP) brought together exceptionally talented individuals who showcased their skills and crafted solutions using our blockchain technology.

On the other hand, as part of one of the hottest topics within the Brazilian financial community, the Real Digital agenda centered around **Brazil's CBDC** (Central Bank Digital Currency), our esteemed CEO, Yan, had the opportunity to deliver a captivating presentation in a workshop organized by the Central Bank itself. He proposed an innovative alternative technical approach to the one chosen for the CBDC pilot, aiming to reduce complexity and increase security and reliability. This thought-provoking presentation ignited discussions and firmly established our thought leadership in the field.

Still focusing on the CBDC agenda, we participated in two other significant events, **Blockchain São Paulo** and **Febraban Tech**. This time, our current CTO, Marcelo Brogliato, had the opportunity to share the learnings after one year of the very first STO launch in partnership with the Brazilian SEC (CVM). He also delighted the audience with an enlightening presentation exposing the pros and cons of permissioned vs decentralized blockchains and presented simpler alternatives to the use of EVMs and smart contracts within a regulated environment.

The second quarter was truly an exciting and productive period, enabling us to strengthen partnerships, build connections, and drive innovation in the ever-evolving world of blockchain technology.

23'Q2

USE CASES HIGHLIGHTS

BRAZILIAN STOCK EXCHANGE (B3) INAUGURAL TOKENIZATION PROJECT

B3 atua em 'tokenização' de debênture

Ricardo Bomfim
De São Paulo

A B3 operou como depositária e ambiente de negociação na tokenização de uma debênture emitida por um banco com outras duas instituições financeiras no mercado secundário.

A iniciativa foi um teste para o lançamento de novos projetos do tipo pela bolsa, inclusive uma plataforma para emissão, registro e negociação de ativos tokenizados — e foi desenvolvida em parceria com a plataforma da QR Capital usando a blockchain brasileira Hathor.

Segundo Humberto Costa, superintendente de novos negócios da B3, a bolsa estava estudando tokenização há algum tempo e esperava um posicionamento mais claro dos reguladores para entrar nesse mercado. "O real digital ganhou corpo, a CVM [Comissão de Valores Mobiliários] lançou uma resolução sobre o tema e o marco dos criptoativos entrou em vigor", afirma o executivo, ao justificar a oportunidade do momento para tirar a iniciativa do papel.

Dentro desse contexto, a QR Capital foi escolhida como parceira por trabalhar com tokenização de ativos no âmbito do sandbox da CVM, em outro projeto que inclui a Hathor. "A QR tem expertise e um canal de relacionamento com o regulador", acrescenta o superintendente. No sandbox, a QR já tokenizou debêntures por meio da joint venture Vórtx QR Tokenizadora.

Costa ressalta que era uma debênture que já estava circulando no mercado, e toda a operação se deu em um ambiente de balcão, motivo porque o nome das instituições e o volume negociado em forma de tokens não pôde ser revelado. O executivo defende que o piloto abra caminho para a tokenização de outros ativos de renda fixa, e não descarta que no futuro ações de empresas de capital aberto também possam ser tokenizadas.

"Agora vamos conversar, podendo partir para ativos como CDBs. Para qualquer ativo, precisa olhar o fluxo do produto e os objetivos. Hoje, a plataforma está bem pronta para isso e a tecnologia pode ser usada para qualquer outro investimento."

A B3 ressalta que o seu ativo digital segue o mesmo procedimento do tradicional. "É mantido na depositária de renda fixa e segue o mesmo arcabouço regulatório vigente, apenas replicado para a nova tecnologia", destaca a bolsa.

Marcelo Salhab Brogliato, fundador da Hathor, diz que o projeto mostra que blockchains públicas também podem ser utilizadas para tokenizações de ativos regulados. "A nossa blockchain é pública e não usa EVM [Ethereum Virtual Machine]. Todas as instruções de um instrumento regulado são tomadas fora da blockchain pelo regulador e pelas empresas", diz. Vale lembrar que para o real digital o Banco Central fez questão de usar uma blockchain permissionada (que opera com participantes conhecidos) e compatível com EVM.

The Brazilian Stock Exchange (B3) has announced the launch of a new platform for the issuance, registration, and trading of tokenized assets in response to the growing market demand for secure exposure to digital products. The project utilizes Hathor Network blockchain technology to enhance efficiency and security in the trading of digital assets.

Tokens representing private bonds were issued by a major bank in the new B3 environment and transferred to digital wallets of other financial institutions. To ensure the solidity of the operation, the assets were held in the fixed income depository, following the current regulatory framework, and replicated onto the new technology.

The digital asset platform reinforces B3's strategy of continuously evolving in its core business, bringing innovations that benefit its clients and contribute to market development. "B3 offers a complete platform with cutting-edge technology and security to facilitate the agile and transparent trading of tokenized assets, enabling all types of investors to expand the possibilities of diversifying their portfolios," says Humberto Costa, Superintendent of New Businesses at B3. He also emphasizes that the company already has other similar projects underway, which will be offered to clients soon.

AUTHENTICATOR – THE TRACEABILITY SOLUTION FROM MOBIUP

Authenticator is the product developed by Mobiup to create a digital identity for products manufactured and marketed by companies in various industries. The digital identity allows verifying the authenticity of products, and protecting brands, manufacturers, and customers from counterfeits. In an extended and customized version, it is possible to keep track of a product from the beginning of production to the end consumer.

The solution is built on Hathor Network and IoT devices, developed by Mobiup in collaboration with the UK company SB Components. Among the devices are state-of-the-art and cost-effective programmable NFC and RFID readers.

As a white-label product, it is flexible for adding industry-specific features and promoting increased brand-consumer interaction when combined with Mobiup's loyalty programs and cashback solutions.

It also addresses specific regulatory standards, such as the fishing industry, transportation of perishable goods, recycling programs, solid waste disposal, hospital infection control programs, and many other areas. The blockchain-based tracking solution enables transparency and reliability while allowing the implemented processes to be fully auditable.

KATE CAPITAL

KATE Capital is revolutionizing the investment and entrepreneurial landscape, empowering individuals to thrive in their ventures. With a strong mission to support and facilitate business growth, KATE Capital has developed a groundbreaking solution built on the Hathor Network Blockchain. This innovative platform simplifies the entry and exit process for ecosystem participants, reducing barriers and increasing access to the capital market, particularly for SMEs where access to the capital market is quite limited.

Additionally, KATE Capital serves as a gateway to the capital market for businesses, providing increased visibility and access to potential investors. By streamlining capital market processes, the company empowers businesses to navigate complex private fundraising with efficiency and agility. This allows them to focus on their core strengths of driving innovation and delivering value to customers.

META GEEK EVENT FROM GRUPO DRUMMOND

The MetaGeek event immerses attendees in a world of innovation, culture, and the future. From the Metaverse to Anime, Games to K-pop, Doramas to Films, Series to Robotics, Virtual Reality to the sports of the future, every aspect of the Geek and Nerd culture was celebrated in São Paulo at this two-day festival.

The organizers took the visitor experience to the next level by utilizing blockchain technology to enhance its governance. They have introduced three unique tokens minted on Hathor Network that improved attendees' interaction with each other and the venue:

- MetaReal: holds a one-to-one value with the Brazilian real. Attendees can use MetaReal at the cash registers to indulge in exclusive offerings and exciting experiences available only within the event.
- MetaKarma: is reserved for esteemed leaders. This token recognizes and rewards valued partners for each participant they bring and for every participant their partners bring. It provides an exclusive opportunity for partners to showcase their influence and earn well-deserved recognition.

- MetaMilhas: is open to the public, enabling attendees to embark on a thrilling journey of engagement and participation. By earning MetaMilhas miles, attendees can unlock exclusive perks and privileges while actively involving themselves in the event.

By using hathor network to token gate the event, Grupo Drummond and Meta Geek organizers, made the event management efficient, cost-effective, and smooth.

- **CARREIRA+** – ADVISE U

CARREIRA+ is a digital platform focused on career management combined with a rewards program. Each employee has access to interactive screens where the company establishes and measures parameters to encourage and develop the potential of its employees, as well as to guide the organizational culture towards continuous improvement. In a modern, simple, and intuitive way, professionals and managers can clearly track goals, progress, and advancements, bringing motivation, engagement, and recognition.

Among the main functionalities of the CARREIRA+ platform are: career plan implementation, activity registration, blockchain-based scoring program, awards and incentives, status and progress, and results analysis.

With CARREIRA+, companies can identify and retain talent, encourage reflection and self-assessment of professional paths and life choices, align employee intentions with the company's purpose, improve communication between employees and their managers, increase productivity, and have increasingly valued and engaged employees.

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PRODUCT RELEASES AND UPDATES

NANO CONTRACTS

During Q2, we were excited to start sharing the first pieces of Nano Contracts source code with the public!

Our engineering team released code for the Hathor wallet library, the Python Hathor library, and the transaction mining service.

We will continue to share more code in the months ahead for anyone interested in learning more about our new groundbreaking smart contracts technology. Eventually, all Nano Contracts code will be made publicly available.

We are working on implementing some requests from selected partner use cases, and finalizing technical guides including API documentation that they will be granted access to.

We are also in the process of implementing a set of DevOps processes for the private Nano Contracts testnet, including SOPs (Standard Operating Procedures), Runbooks, IaC, and monitoring.

Next steps include designing an economics model for Nano Contracts, to see how it can best work together with Hathor's overall tokenomics. This design will cover important aspects such as whether creating and interacting with Nano Contracts should trigger some kind of fees, e.g., for executed transactions, voided transactions, and for creating and using custom blueprints. The finalized design will result in a Proof of Concept which will then be shared with the selected partner use cases for their feedback and inputs before it is implemented on the testnet.

Apart from the implementation of an economics and fee model, other enhancements and improvements to the Nano Contracts foundation are also on the to-do list for Q3. Stay tuned for more details!

WEB WALLET

The development of WalletConnect support in our mobile and desktop wallets is going as planned and in Q2 we completed the development of an alpha version for the mobile wallet and deployed it to production (without rolling it out to any users yet). This was an initial implementation of the WalletConnect integration for the mobile wallet. The main features included in the alpha was the ability for the wallet to connect with a dApp and sign an arbitrary message with a wallet address.

The next step will be a beta version of the mobile wallet implementing an initial RPC design. This design will include the main RPC methods that we already know will be needed by community use cases. This includes methods to sign a transaction, fetch balance for a given token, sign messages with an address' private key, and get the UTXOs for a transaction.

EVENT QUEUE

Until recently, applications that wanted to interact with the Hathor full node needed to write their own sync algorithm. They had to handle all contingencies, such as reorgs (blockchain events where one transaction history is replaced by another, often due to concurrent block-solving, resulting in temporarily divergent versions of the blockchain, known as a fork). Creating this algorithm could be complex, consuming several days of development.

To overcome these issues, we've introduced the Event Queue — a built-in event management system sending all events in the order of their occurrence. Its key features are:

- It detects events that matter to applications (Refer to the Event Types in our user docs).
- All events are persisted by the full node, each with a unique incremental ID.
- Both REST API and WebSocket API are available, providing a continuous event stream that can be queried.

The Event Queue is currently in beta and is not recommended for production environments. We encourage you to begin using it in your test environment and we welcome any feedback you may have after testing the feature!

For a detailed guide, please read the user docs on GitHub explaining how to set up the Events Queue for your application.

We also offer an event simulator to aid you in testing your integration with the Event Queue. This CLI tool emits simulated events via WebSocket, mirroring real use case scenarios.

Look out for a more comprehensive user guide on our GitBook later as we move the feature out of beta status.

WALLET SERVICE

As mentioned in previous reports, we have developed a new backend for our wallets which significantly improves loading speeds and prepares the wallets for new features in the future. Over the past months, we have gradually increased the rollout percentage of the wallet service for our mobile and desktop wallet users. We are happy to say we now have 100% of wallets running on this new backend. This upgrade will benefit all users and you should now experience a faster wallet, especially if you have a wallet with many addresses.

NEW STORAGE SCHEME

As part of our efforts to better scale our wallets, we have made a substantial upgrade to our wallets' storage scheme. This new solution redesigns how we interact with storage, focusing on modularity and asynchronous processing, resulting in an enhanced user experience and better performance.

Previously, the storage scheme made it difficult to manage persistent storage solutions, limiting its usability in a variety of use cases. The new approach has transformed these limitations. We have incorporated an asynchronous model, facilitating non-blocking calls to persistent storage. To effectively implement this, we had to refactor most of our calls. Additionally, our reliance on in-memory storage instances was reevaluated and altered, to create a more reliable and efficient system.

A significant benefit of this update is the improvement in our wallets' internal functioning. While tackling the previous issues, we identified and rectified key performance challenges experienced by some of our use cases. This has resulted in a more reliable and high-performing wallet in every operating environment.

The new storage scheme is one of three core updates to the wallet-lib that brings about faster loads, better performance, and enhanced reliability. These changes are:

Persistent storage: The incorporation of a new storage scheme aids in efficiently managing data.

- Enhanced address generation: Previously, deriving addresses consumed significant time and CPU capacity. The new model eliminates this issue, as addresses are pre-generated and saved, optimizing startup time.

New address scanning policy: This policy is beneficial for use cases with numerous inactive addresses, eliminating the need for a high gap limit.

- The service is now faster as it does not need to load thousands of inactive addresses unnecessarily.

Reliable integration with a full-node: This, combined with persistent storage, enables wallet restarts with millions of transactions in less than a second.

- It eliminates the need to fetch entire transaction histories with each load, making the process more efficient.

The new storage scheme is a significant step towards a higher-performing lib and enables us to implement faster wallets and services with less effort. Ultimately, this will lead to more reliable integrations for use cases and a better user experience.

FEATURE ACTIVATION

In a decentralized environment like Hathor's, there are sometimes important changes and upgrades to the protocol that the network participants must agree on before they can be implemented and deployed.

This is especially important for miners that are responsible for network security. To facilitate the rollout of such changes, we needed to create a way for miners to signal that they agree and are prepared for a specific protocol upgrade.

We also had to come up with a way to add new features and changes to existing features that don't go live as soon as the code is upgraded by the users who run full nodes. Instead, the changes have a specific moment in the blockchain when they become live and valid, e.g., from a given blockchain height and/or when a specific percentage of miners agree with the new feature by signaling support for it.

The act of signaling a block is basically saying that you agree and are prepared for a protocol upgrade. Bitcoin has this feature implemented and it's easy for Bitcoin miners to share with the rest of the network that they agree and are ready for a protocol change.

In Q2, we designed our solution for feature activations. After creating a working proof of concept for it we implemented the live solution in all affected parts of Hathor's infrastructure.

- **PUSH NOTIFICATIONS**
  We have added push notifications to the iOS and Android mobile wallets. After a period of testing and gradual rollout to user wallets, push notifications were implemented for all users in Q2.

- **EVM BRIDGE**
  We have created a design for an EVM bridge, which, once developed, will enable token transfers between Hathor and EVM compatible blockchains. The bridge will be open-source, and use cases will be able to use it freely. You may study the bridge design on our GitHub. Development of the bridge will be done by an external partner and will start in Q3.

- **TRANSACTION MINING SERVICE**
  The transaction mining service was updated in Q2 to add support for mining Nano Contracts transactions, as these will be mined just like regular transactions.

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PARTNERSHIPS

Over the past few months, our focus has been on strengthening our existing partnerships, and we are pleased to say that our efforts have yielded remarkable results. Our partners have launched numerous initiatives, showcasing their commitment to collaboration and reinforcing our relationships. We have received numerous potential clients through recommendations from our current partners. This is a clear indication of the value they see in our organization and the trust they have in our capabilities. It serves as a strong validation of our work quality and industry reputation.

During this quarter, we actively participated in various events, which allowed us to explore new opportunities and establish promising connections. By leveraging these events, we have expanded our reach and attracted potential partners and clients.

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NETWORK & MAINTENANCE

SYNC V2

The Sync v2 protocol represents a considerable upgrade to Hathor Network that will affect most parts of our infrastructure. We are pleased to announce that the development of the protocol is now in its final stages and we plan to release a beta version of Sync v2 in an upcoming release of the Hathor full node.

We will then proceed to test the protocol with selected partners and use cases before we make it the default sync protocol for everyone. You can read more about the benefits that Sync v2 will bring on our blog.

FULL NODE

The full node is the piece of software used to connect to and interact with Hathor Network. It executes all tasks necessary to synchronize with other peers in the network, validate blocks and transactions, and run the consensus algorithm.

During Q2, Hathor's full node received three new releases, including a long list of new features, fixes, and improvements.

Each new full node release leads to an even more open and available network, welcoming everyone who wants to build on Hathor and contribute to its security and decentralization by running full nodes.

You can download and view the details of each full node release from its GitHub repository.

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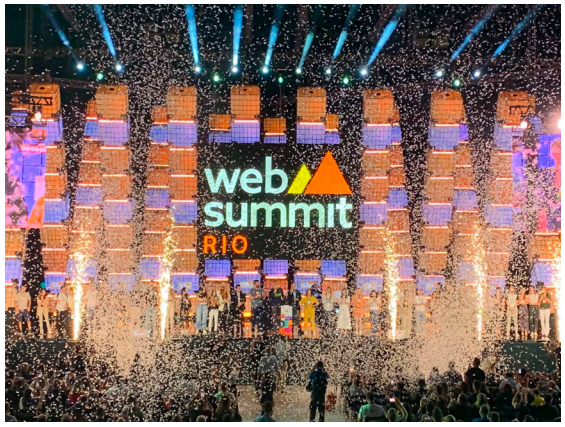
MARKETING HIGHLIGHTS

OFFLINE EVENTS

WEB SUMMIT RIO



During Q2, we were honored to receive an invitation from the organizers of Web Summit Rio to join one of the largest tech events in Latin America. The event, held from May 1st to 4th in Rio de Janeiro, gathered more than 20,000 attendees, 500 investors, and 750 startups.

Our Chief Marketing Officer, Diego Guareschi, represented Hathor on the main stage of the opening event, alongside other promising companies. Additionally, our team members Rodrigo, Pedro and Nathalia were present at the event, engaging in networking activities and presenting our technology. This provided us with valuable opportunities to connect with diverse companies from various industries and expand our network.

INTELI HACKATHON

We proudly sponsored the Inteli Blockchain Hackathon, organized by Inteli, a Brazilian college specializing in technology, innovation and leadership. The event highlighted the skills of the students, who presented 23 projects exploring diverse applications of blockchain technology, primarily in the financial market.

These projects were categorized into five distinct groups, with winners selected in each category. The evaluation was carried out by representatives from the following sponsoring companies: Hathor Labs, Mynt, Titanium Asset Management, Cartesi, and GEAP.

One standout project in Hathor's category was the 'Refrescos Initiative', which secured the winning position. Their innovative use case involved offering carbon token-based cashback rewards to consumers based on the sustainability of their consumer goods purchases.

BACEN WS BRASILIA – WORKSHOP WITH CENTRAL BANK

We joined the Brazilian Central Bank in a workshop to propose an innovative multi-signature project designed to facilitate transactions of tokenized assets in regulated markets. Our solution aims to enhance the transparency and oversight of tokenized assets, fostering a secure environment for all stakeholders involved. It offers a balanced approach that empowers both banks and regulators to effectively manage and regulate tokenized assets in a compliant manner.

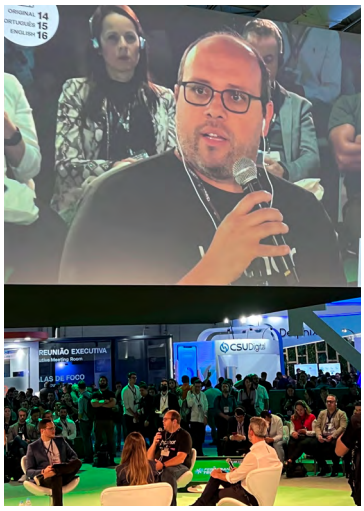
Furthermore, the solution we presented is agnostic, versatile, and adaptable, making it suitable for the Real Digital or other regulated markets.

BLOCKCHAIN FESTIVAL SP - SPONSORED EVENT

We proudly sponsored this year's Blockchain SP Festival! Marcelo Brogliato, our CTO, participated in two panels.The first one was called "Glimpsing the Future: Perspectives after 1 Year of the First Securities Tokenization Platform approved by the Brazilian SEC (CVM)". We shared the stage with industry executives, including the CVM Superintendent, representatives from Vortx QR Tokenizadora's Business Development, and a legal expert from VDV Advogados.

The second panel was related to "Defying Conventions: Does it have to be EVM? Is a Permissioned Network the best choice?" Marcelo delivered a captivating presentation that emphasized the fundamental differences between blockchain requirements for a Defi ecosystem and a Regulated one, where the Code is not the Law. He also provided clear examples to highlight the transformative impact that this technology is currently having on the traditional financial (Tradfi) sector.

FEBRABAN TECH – SPONSORED EVENT



We had the privilege of participating in a panel at FEBRABAN TECH, Brazil's largest tech and innovation event in finance. Our CTO, Marcelo Brogliato, joined representatives from renowned banking institutions, including Santander and Bradesco, as well as Paxos from the crypto industry, to discuss a wide range of topics. Which included tokenized economies and regulation, interoperability, privacy and security concerns, and EVMs. Marcelo shared his insightful vision on the potential of public networks like Hathor, emphasizing their ability to reduce costs, enhance efficiencies, and provide robust security for businesses, through network features such as tokenization and Nano Contracts.

INTELI AND ITA WORKSHOPS

After our recent collaboration with Inteli at the Hackathon #Challenge2023, we had the pleasure to visit them again to host a workshop on blockchain technology and Hathor Network!

Our CTO, Marcelo Brogliato, also hosted an introductory workshop at the Instituto Tecnológico de Aeronáutica (ITA), one of the leading higher institutions in aerospace engineering and sciences in Brazil, which is maintained by the Brazilian Air Force.

OFFLINE EVENTS

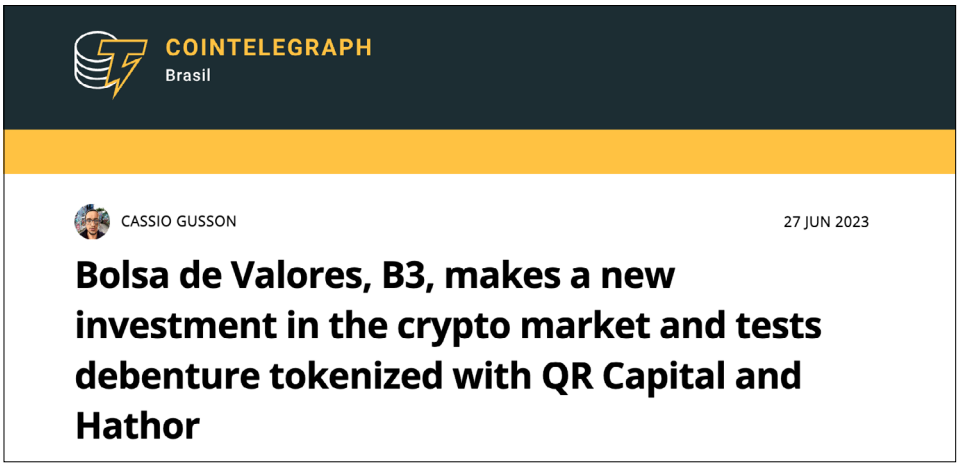
BONDEX

During Q2 we had a Livestream with Bondexapp for a discussion on how Hathor tackles scalability issues in Blockchain with DAG.

- **VALOR ECONÔMICO** – WORKSHOP WITH CENTRAL BANK

In this piece, Valor Econômico covers our previously mentioned workshop with the Central Bank of Brazil, where we discussed blockchain solutions for tokenized assets within regulated financial markets.

- **COINTELEGRAPH** – B3 PROJECT



In this article from Cointelegraph, they put focus on the announcement made by B3, the Brazilian stock exchange, regarding the launch of a new platform for the issuance, registration, and trading of tokenized assets. The article explores how this move aligns with the increasing market demand the B3 executives see for secure exposure to digital products. It highlights the platform's utilization of blockchain technology to enhance security and efficiency in the transfer of digital assets. The article also mentions the first tokenization of a regulated asset, debentures, and how they were issued in partnership with QR and Hathor.

EXAME – BLOCKCHAIN IN THE CORPORATE WORLD

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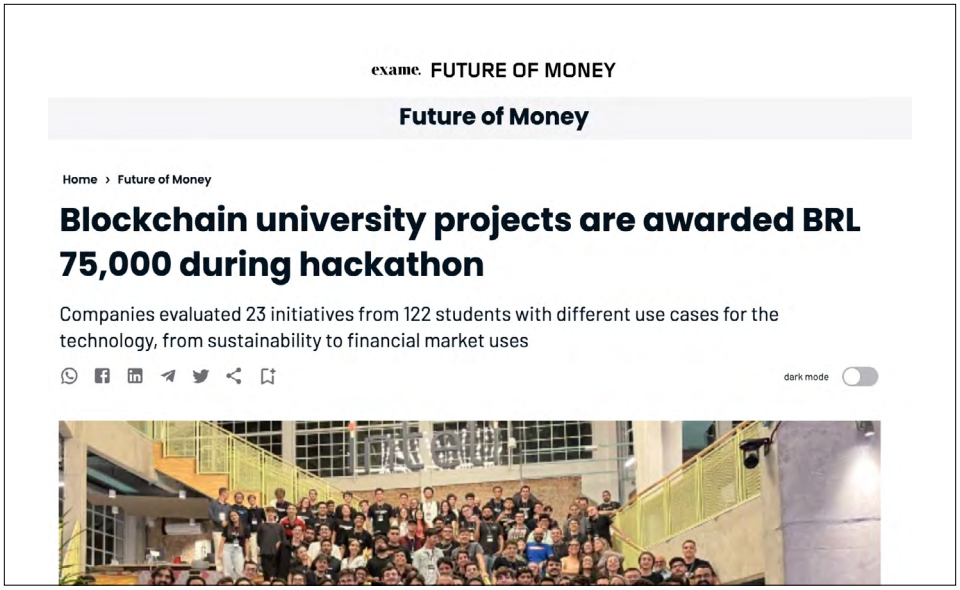
Compass

Diego Guareschi: Blockchain in the corporate world

In this article, Hathor's CMO, Diego Guareschi, explores the challenges and opportunities of implementing blockchain technology in the corporate sector. Diego provides valuable insights into the barriers to adoption, including not only the scarcity of qualified blockchain specialists and the high costs of blockchain platforms but also the often overlooked language and cultural barriers that can significantly impact adoption.

By highlighting these seemingly small details, Diego emphasizes their larger role in hindering or facilitating blockchain adoption. He also sheds light on the potential benefits and solutions offered by blockchain, showcasing its transformative potential for businesses.

VALOR ECONÔMICO – INTELI BLOCKCHAIN HACKATHON


exame. FUTURE OF MONEY

Future of Money

Home › Future of Money

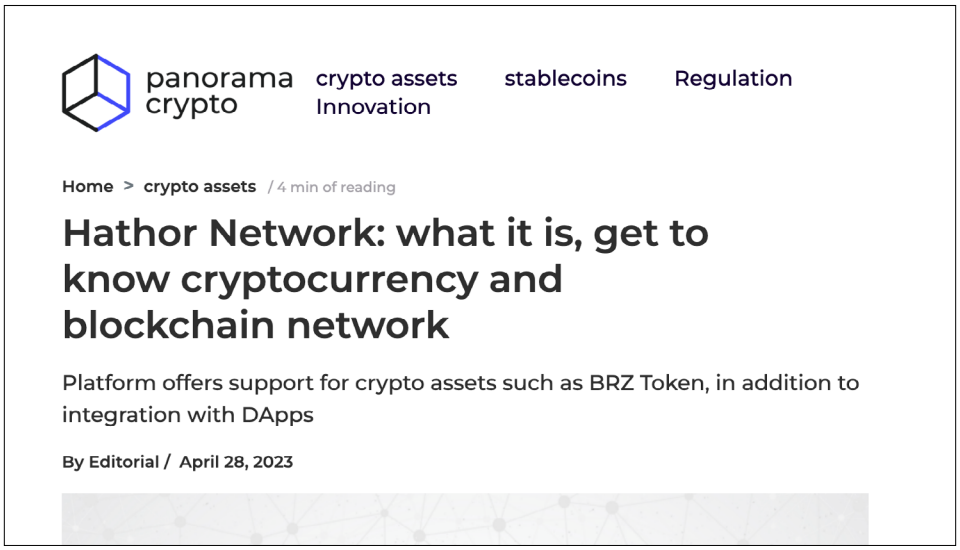
Blockchain university projects are awarded BRL 75,000 during hackathon

Companies evaluated 23 initiatives from 122 students with different use cases for the technology, from sustainability to financial market uses

dark mode

Our Blockchain Hackathon with Inteli was portrayed in Valor Econômico. They expanded on the details of the Hackathon, the sponsoring teams involved, and the use cases that were built.

PANORAMA CRYPTO


panorama crypto

crypto assets Innovation stablecoins Regulation

Home > crypto assets / 4 min of reading

Hathor Network: what it is, get to know cryptocurrency and blockchain network

Platform offers support for crypto assets such as BRZ Token, in addition to integration with DApps

By Editorial / April 28, 2023

A recent article from Panorama Crypto provides an introduction to Hathor Network. The article offers a comprehensive overview of Hathor's technology, highlighting its key features including zero fees, scalability achieved through a BlockDAG architecture, Nano Contracts, merge-mining, and integration with Bitcoin. Additionally, the article explores the network's developed products and delves into the potential for hosting DEFI in the future, facilitated by promising offerings such as stablecoins and Nano Contracts.

VEJA – YAN'S QUOTE

ECONOMIA FINANÇAS

OPERAÇÃO DE RISCO

Em meio a escândalos que atingem as principais corretores de moedas virtuais do mundo, o Brasil toma a bem-vinda iniciativa de colocar freios legais ao negócio **LUANA ZANOBIA**

Our CEO, Yan Martins, was featured in an article by Veja that discussed global regulation, with a particular focus on Brazil's initiatives in innovation and regulatory clearance.

23'Q2

COMMUNITY HIGHLIGHTS

NANO INSIGHTS – KELB AND THE ARC

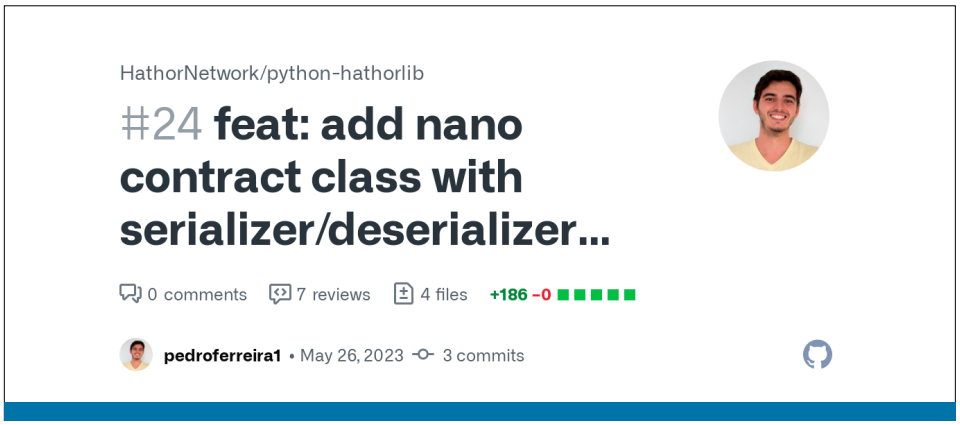
Check KELB's full episode.

Check The Arc's full episode.

As part of our ongoing series, in Nano Insights #3, we recorded another episode of our podcast featuring the Kelb team. They are developing DEFI tools for the ecosystem with the ultimate goal of becoming the "Dextools" of Hathor Network. Shortly after releasing this podcast episode, Kelb made an announcement stating that their DEX (Decentralized Exchange) went live in beta mode and has been operational since.

In the 4th episode, we had the opportunity to interview the developers of The Arc, who are working on building an immersive space-themed MMO (Massively Multiplayer Online) game on Hathor Network. In this game, players will be able to interact with each other and non-playable characters (NPCs). Additionally, there will be an in-game marketplace where players can trade skins, customize their weapons and ships, and more.

FIRST PUBLIC PR FOR NANO CONTRACTS

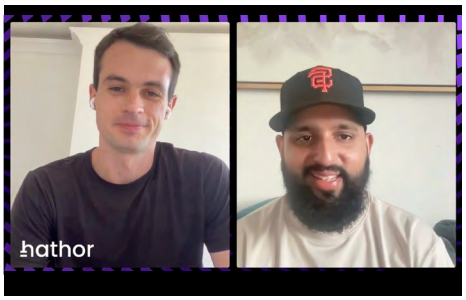


This pull request is the first public technical documentation that describes the addition of serialization and deserialization for Nano Contract vertices in the DAG to python-hathorlib..

WATER COOLER BREAK

During our recent Water Cooler Break, we covered several noteworthy updates and discussions within the Hathor ecosystem. We highlighted various use cases, including Hathor's involvement in a REFI project by Guardiões da Mata that aims to restore deforested areas in Brazil, and the partnership with Transfero Group to introduce the BRZ stablecoin. We also discussed community initiatives, such as Callum's insightful article on the cohesion between industry and blockchain, and the successful AMA with the Turkish community, Koinsaati. In addition, we delved into the Leadership Forum, where we explored the future of the Hathor Web Wallet, the implementation of WalletConnect support, and the release of the Q1 report, featuring significant developments in Nano Contracts. Notably, we shared our participation in events like Ethereum Brazil and Web Summit Rio as well.

LEADERSHIP FORUM – EPISODE 5 YAN MARTINS



In our most recent episode of the Leadership Forum with CEO Yan Martins, we delved into a range of exciting developments. One particularly noteworthy subject revolved around our recent workshop with Brazil's Central Bank (BACEN). During the discussion, we highlighted the acceptance of our paper on multisig wallets for secondary market control, leading to an engaging panel discussion that included prominent entities such as companies, crypto players, banking industries, and even BACEN itself. Yan underscored the significance of this collaboration with BACEN, especially considering its recent designation as the regulatory authority for Brazil's crypto industry through a presidential decree.

We also highlighted the Blockchain SP conference, where diverse attendees such as finance representatives, crypto players, academia, and regulators gathered. Additionally, Febraban Tech, traditionally a finance-focused event, has also witnessed a significant shift due to the global impact of blockchain technology. As a result, numerous crypto players and technology providers catering to the banking sector attended this event. Our presence there was aimed at fostering partnerships and collaborations.

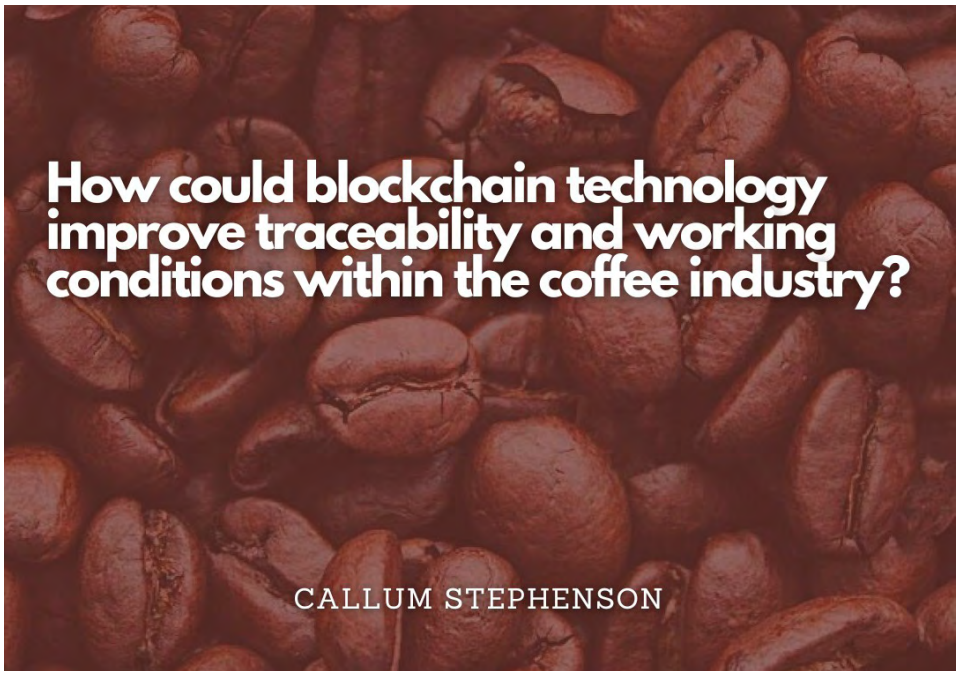
NANO CONTRACTS – DATA MODULE BLOG

In this comprehensive article, our Product Lead, Trond Bjoroy, delves into the technical aspects of Nano Contracts development and design. He explores the distinctions between the UTXO and account models in blockchain and explains how Nano Contracts amalgamate the best features of both.

Furthermore, the article showcases the advantages of utilizing multi-address HD wallets for Nano Contracts. These wallets enhance security, privacy, and real-time transaction validation, resulting in swift and efficient processing.

Trond also elaborates on how Hathor Network's architecture, while capable of handling Turing complete smart contracts, prioritizes user and developer safety by favoring Turing-incomplete Nano Contracts. By emphasizing simplicity and accessibility, Hathor aims to mitigate coding errors and vulnerabilities, fostering a secure environment for contract execution. This approach effectively reduces the risks associated with hacks and rug pulls, leveraging Hathor's feeless transaction model to prevent spamming and inefficient code execution. With its combination of network security and contract implementation, Hathor emerges as the ideal platform for launching blockchain projects, demonstrating its potential for widespread adoption.

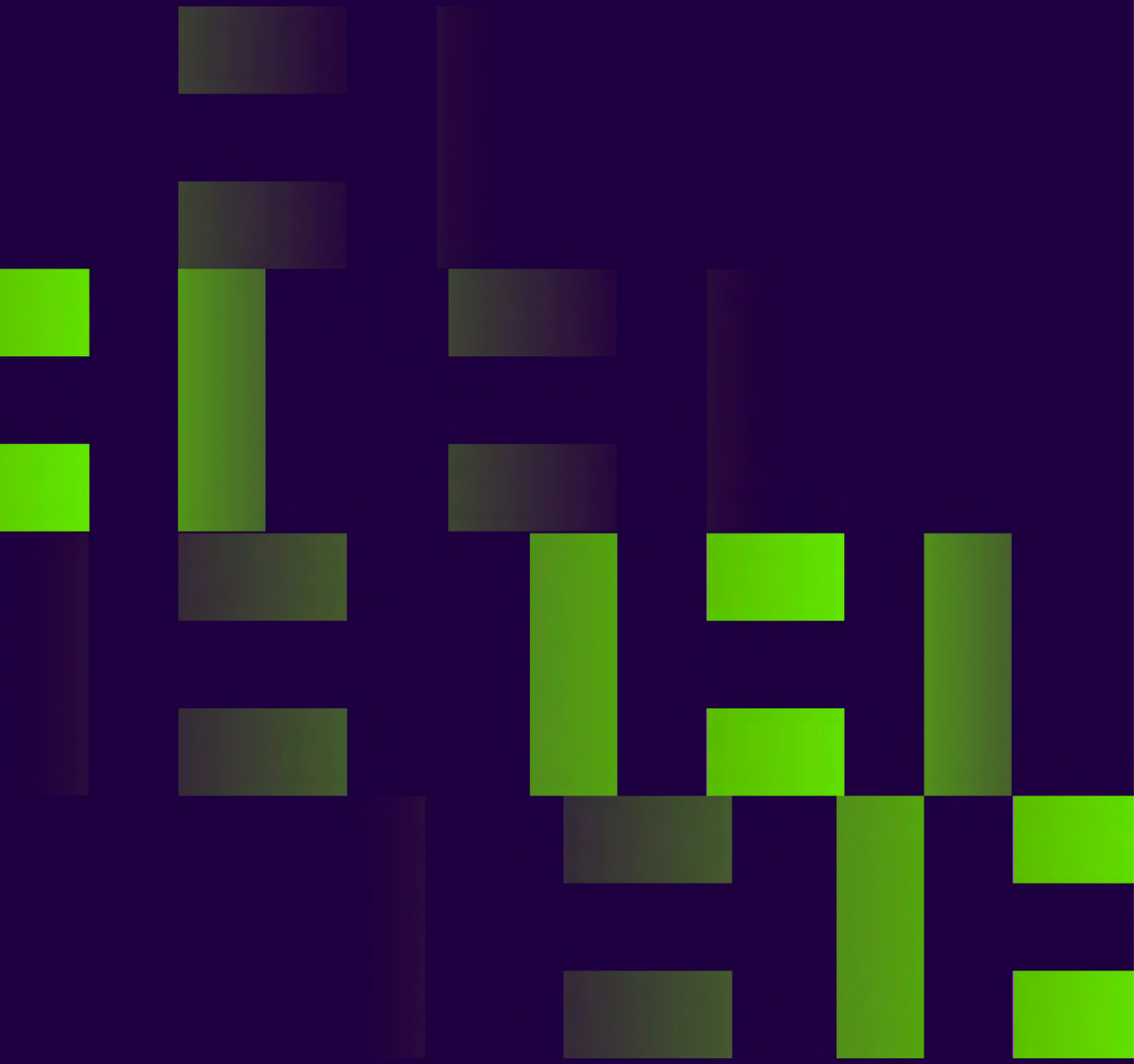
COMMUNITY BLOG FROM CALLUM



Could blockchain technology improve traceability and working conditions within the coffee industry?

The article highlights the significance of traceability in the coffee industry and showcases how the Hathor network can provide a transparent solution. It emphasizes the use of blockchain technology to ensure fair profits for farmers and reliable information for consumers.

Hathor's low power consumption, fee-less transactions, and scalability make it an ideal platform for implementing this traceability system. The article underscores the potential of Hathor to revolutionize supply chains and empower consumers in making sustainable choices.



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