MARCH 2023 HIGHLIGHTS

"Introduction to Smart Contract Security" Primer Released

We are very proud to announce the release of our latest EEA Primer. Produced in conjunction with EEA member Hacken, Introduction to Smart Contract Security provides a concise introduction to the key principles of smart contract security: what are the risks, and how to protect smart contracts against hacks.

The EEA primers are designed specifically for those new to the Ethereum ecosystem, and offer introductions to many of the different concepts and facets of Ethereum (and blockchain as a whole) to help more professionals get started on the platform. You are welcome to download and redistribute them to relevant audiences.

Download the Primer

"Every brand will have an NFT strategy" --

Interview with Palm Co-Founder Dan Heyman

In March we published an in-depth interview with Dan Heyman. As one of the co-founders of Palm NFT Studio, Dan is a leading figure in the NFT space. He is also a blockchain industry veteran with experience building and leading organizations through the design, development, and implementation of enterprise-grade blockchain protocols, and serves on the EEA's Board of Directors.

In the interview, we talk with Dan about the opportunities of NFTs for major brands and corporations, the so-called "utility NFTs". We cover industry trends, how brands are looking at NFTs as "the new CRM," as well as some of the challenges brands and large enterprises are facing when it comes to figuring out how best to engage with this new

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Anyone interested in the business use of NFTs and how, in Dan's words, "*NFTs present a novel opportunity to engage customers via true digital ownership*", can read the **interview in full here.**

Read the Interview

EthDenver 2023:

Top 5 Sessions You Don't Want to Miss

Are you disappointed that you were unable to attend EthDenver 2023? So too was our own Anaïs Ofranc. Luckily, most sessions were recorded and are now available online for your convenience on the EthDenver Youtube channel. Anaïs has gone through the recordings and picked out her top 5 favorite sessions. In her blog post, she shares why these sessions stood out to her and why you should definitely make time to watch them. Read the **full post here.**

Read the EthDenver Blog Post

Upcoming Events

April 5: Security AMA Session with EEA/Hacken

EEA Technical Program Director Chaals Neville will hold an "Ask Me Anything" session as part of a series that Hacken are producing on blockchain security questions, focusing on the role of standards in the security space. The event will take place live on April 5, at 4pm CET. You can attend via this link.
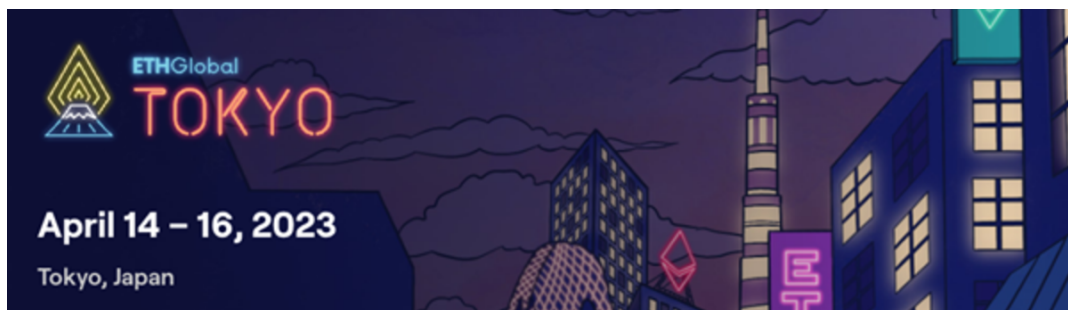
April 14-16: Ethereum Züri.ch

Switzerland, home of the Ethereum Foundation, is finally getting its own major Ethereum-focused event with the inaugural EthereumZüri.ch. Held in conjunction with the University of Zurich, the event features a hackathon, speakers from the Swiss and international Ethereum scene, and side events.

The EEA will be represented by Chaals Neville and Tom Lyons. If you are in Zurich during that time and would like to catch up, just reach out to Tom at tom.lyons@entethalliance.org.

Sponsorship opportunities available: Ethereum Zurich sees itself as a **community-oriented event**. The event organizers are therefore not charging admission, and are instead relying solely on **sponsorships**. Any organization interested in contributing to this Ethereum-community effort can check out the sponsorship deck, or can reach out to Tom at the email above. The event will take place across three days and is expected to draw some 600 people.

April 14-16: ETHGlobal Tokyo

Anyone planning on attending ETHGlobal Tokyo which takes place April 14 - 16?

Fellow EEA Member Couger and EEA Regional Representative Japan Atsushi Ishii (who also serves as Couger's CEO) will be holding an "Enterprise Ethereum Stage" in collaboration with ETHGlobal Tokyo. The following companies (including EEA Member NTT Data) will discuss their respective topics in a panel discussion on the stage:

- Panel 1: "Manufacturing and Distributed ID" (NTT Data, Hitachi, Fujitsu)
- Panel 2: "Games, Art, Music" (Square Enix, Avex)
- Panel 3: "Tourism, Local Development, Government"

If you happen to be in town that weekend, Atsushi would enjoy meeting up with you and/or your colleagues!

April 26-28: Consensus by CoinDesk

It's that time again: Consensus by CoinDesk 2023 is happening April 26 – 28 in Austin, Texas.

Team EEA, including Executive Director Dan Burnett, Technical Programs Director Chaals Neville, and Sales Director James Harsh, just made its travel arrangements, and is looking forward to meeting up with all of you who will be there too.

We are also working on creating an event for the DRAMA Working Group so that members can meet in person and to also invite relevant Industry parties to participate in the group's "Risk Rank Survey".
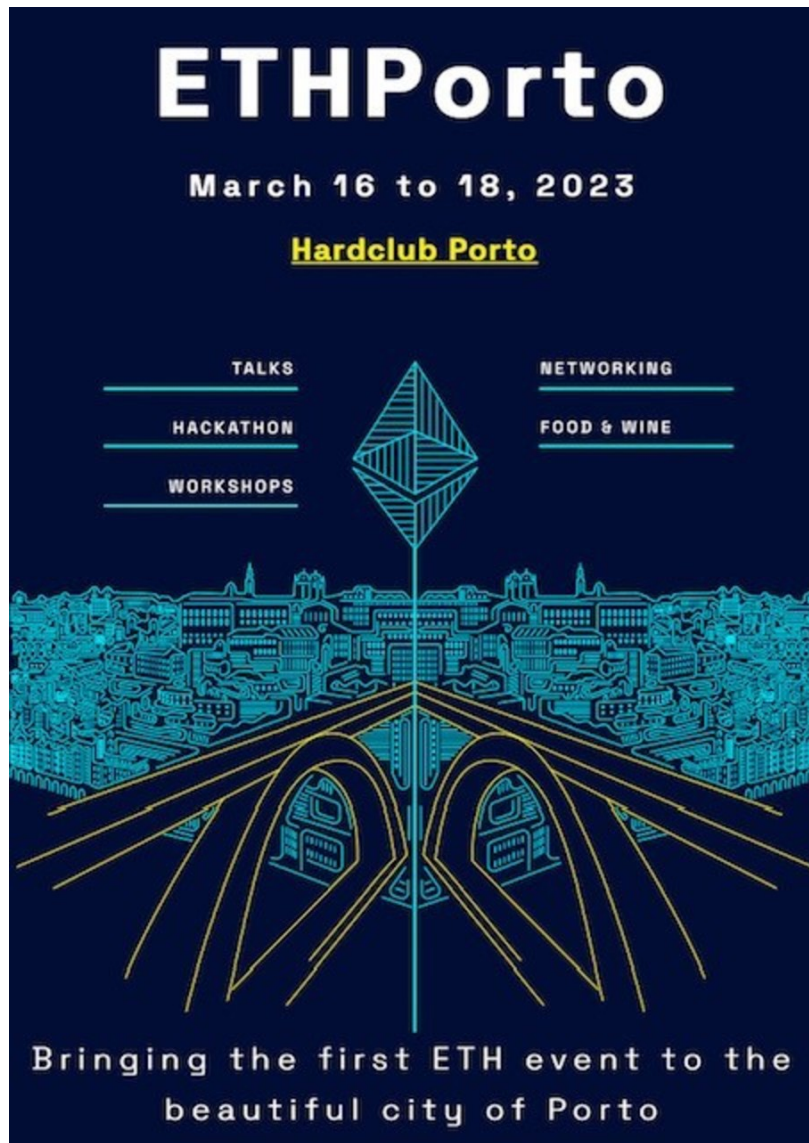
Please contact Chaals or James to arrange a meet.

CryptoMountain Rocks

On March 14 Tom Lyons, EEA's Director of Communications and Content, presented at the Crypto Mountain Rocks conference in Davos, Switzerland. His talk, which was part of the Day 2 Tokenization track, discussed the financial, business and industrial use cases for NFTs. The presentation relied on the EEA's original research, case studies and interviews from the EEA's Ethereum Business Readiness Report as well as the EEA's ongoing research efforts. Tom also moderated the tokenization panel.

Crypto Mountain, now in its sixth edition, has established itself as a premier event in the Swiss crypto scene. This year the overall topic was AI and Web3, though the three-day event also covered the metaverse, tokenization, the outlook for cryptocurrencies and the blockchain industry, as well as other subjects.

EthPorto

Technical Program Director Chaals Nevile attended ETHPorto, at which EEA's Regional Representative for Portugal, Vinicius Farias Riberio spoke. This was the first Ethereum event to be held in Portugal's second city. As well as being the home of its world-famous wine style, Porto has a thriving Ethereum community.

As a community-focused event, a key was having around a quarter of the presentations in Portuguese, ranging from a personal journey in the Ethereum space from ConsenSys Diligence founder Gonçalo Sá to the presentation of an enterprise case study from the Sogrape group, owner of the famous Porto winemaker Sandeman as well as Vini's presentation (on a similar theme to his recent blog post, how business cases are important for both for-profit and charitable blockchain projects). A number of EEA members took part in or sponsored the event.

EthDenver

EEA team members Dan Burnett, James Harsh and Chaals Nevile had a great time meeting members and the Ethereum Community at ETH Denver this year. You can view pictures of us hanging out with members on our gallery. A number of EEA members presented at the conference, which attracts tens of thousands of developers and drives a series of side events ranging from late-night parties to a meeting of the Ethereum Magicians discussing governance of standards work (we participated in both kinds of event).

With such a range of events, and multiple stages hosting presentations on different topics at the same time even within the core EthDenver conference itself, nobody can manage to cover the entire event. Fortunately, as mentioned above, EEA's Anaïs Ofranc, who could not attend, put together her top-5 EthDenver highlights that you can review.

Interest Group & Working Group Updates

Authority to Operate

The working group this month produced a public draft explainer describing what "Authority to Operate" is (partial spoiler, it's a decision that a project is managing data security reasonably and should be allowed to go ahead), and why it is relevant to people seeking to work with US government agencies and some other regulated industries who follow the same practices. Work continues and we expect to publish more soon..

Crosschain Interoperability

The Crosschain Interoperability WG continue their work, focusing on specifications where they provide value and on collaborating with other groups where that is a more effective path to helping the industry solve this important set of problems. In addition, several members of the group were invited to present to a major American bank's internal workshop, and will do so between writing this update and publishing it.

Defi Risk Assessment, Management, and Accounting

The DRAMA WG have begun analyzing answers to their survey on the perception of DeFi risk factors, and using those to inform their deliberations and work on a discussion paper treating risks more fully. The group expects to publish a first draft of that discussion paper for public comment in the coming quarter, to motivate more detailed feedback and deepen the level of discussion in the industry.

Ethereum Training Quality

Members of the group have been traveling and talking to people since the group made its Resource Repository available for public use, getting feedback on the value of it as a source of information. Having adjusted their meeting time to suit participants better, they will begin on the new time in April, working towards more of their key deliverables.

EthTrust Security Levels

The group welcomed the announcement of David Tarditi (CertiK) joining Chris Cordi as a co-chair of the group to help it make progress. It will be holding a face-to-face working meeting in Seattle on May 2, giving participants a chance to get to know each other in person as well as being able to dedicate time for longer discussions than a one-hour zoom meeting allows.

The EEA Testnet Working group has been quiet, with its current setup having produced in excess of 3 million blocks. The testnet itself is managed by WG chair Antoine Toulmé of the [Machine Consultancy](#). Normally as an Enterprise Ethereum private permissioned network for the benefit of members but the public are welcome to connect to it. However, it is sometimes a short-lived network, and on member request can be restarted in a new configuration potentially several times a day (although normally we expect to run it for at least weeks at a time).

INTEREST GROUPS

DeFi

The Defi Interest group continued its series of discussions, this month considering the "Interoperability Trilemma" that is inherent in crosschain interoperability solutions, presented by Philipp Zentner, CEO of EEA member [LiFi](#). Although discussions are generally not recorded in any way, to ensure that members feel free to speak frankly and clearly, Philipp's slides are available.

Mainnet

The MainNet Interest Group is continuing to work on developing a set of short videos presenting information about different Layer 2 offerings from different providers. As you'll see in the member news section, this is a timely topic. Recently Ethereum founder Vitalik Buderin expressed his wish that 2023 will be the year when Layer 2 really "takes off". And if you're wondering where to begin understanding Layer 2, don't forget the EEA Primer "[Introduction to Ethereum Layer 2](#)" - part of the [EEA Primers](#) series.
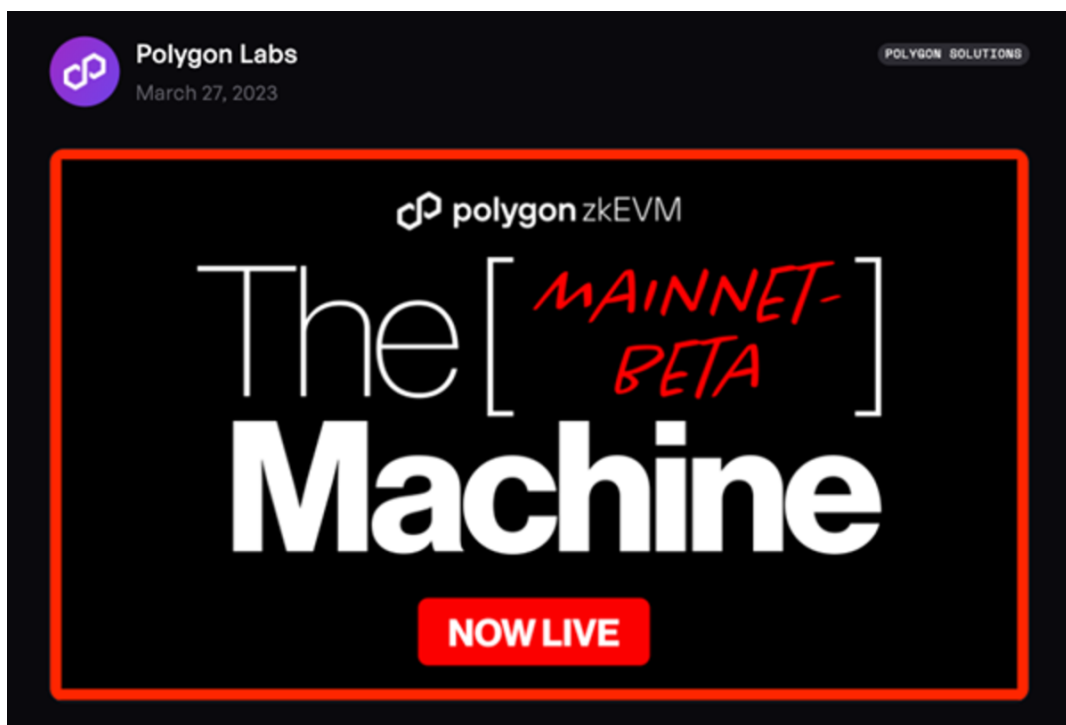

ConsenSys zkEVM "Linea" opens up its testnet

ConsenSys's zkEVM, now called Linea, is now open to anyone to experiment with. As the company communicated on March 28: "This morning we opened the doors of our testnet to any developer, user, or protocol, inviting the web3 community to join us in helping Ethereum scale". Read the full announcement.

Polygon zkEVM goes live with Mainnet Beta

On March 27, EEA member Polygon announced that Polygon zkEVM is launching on Mainnet Beta. According to the company: "Polygon zkEVM Mainnet Beta is permissionless and public–anyone can use it to transact and build. And as of today, Polygon zkEVM is also completely open source. This is a momentous occasion for
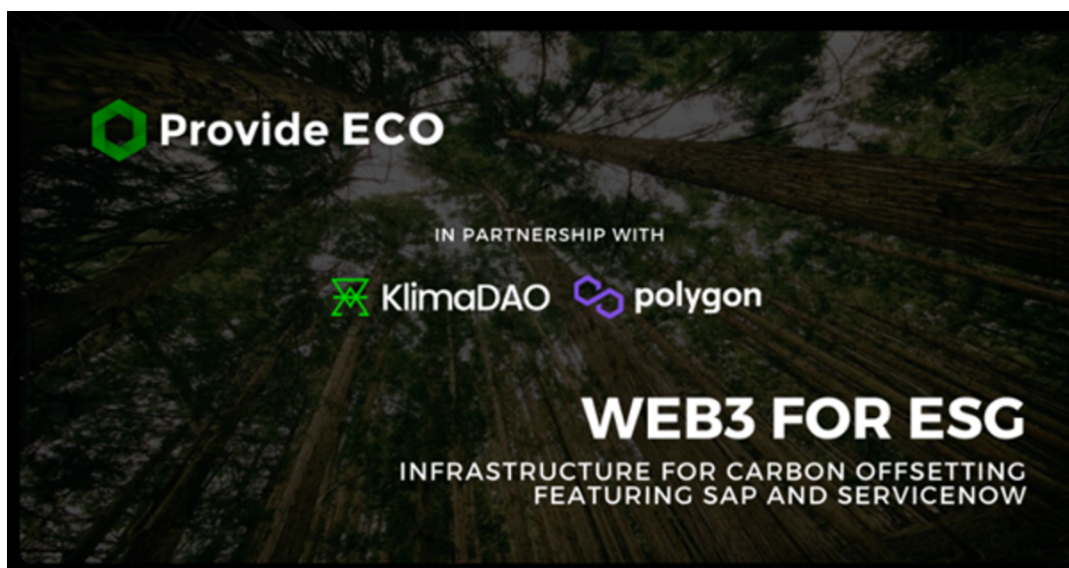
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Polygon, for Ethereum, and for all of Web3." The announcement is [available on the Polygon website](#).

Taurus releases tokenization report

EEA member Taurus released its [Tokenization: Practitioner Point of View](#) report. The report, which can be downloaded from Taurus's website, covers all you need to know to successfully tokenize any asset.

Provide announces Web3 infrastructure for ESG

EEA Member Provide revealed Provide ECO, which it calls "the first web3 offering to

innovations in zero-knowledge cryptography for carbon reporting." The company continues: "ECO (Enterprise Carbon Offsets) brings together enterprise systems such as SAP and ServiceNow to the frontier of web3 regenerative finance (aka ReFi). With this new launch, Provide strengthens its commitment to transform global commerce for the benefit of humanity." Read the full announcement on the Provide website.

Member Spotlight: Bitwave

As an EEA member, Bitwave is part of the EEA community of organizations working to advance Ethereum and drive industry adoption. In the Q&A below, the EEA interviewed Kunz Mainali, Senior Solution Architect, about how the organization contributes to the Ethereum business ecosystem.

Read the Q&A

Member Spotlight: UNCX

As an EEA member, UNCX Network is part of the EEA community of organizations working to advance Ethereum and drive industry adoption. In the Q&A below, the EEA interviewed Antoine Chaveron, UNCX's CEO and co-founder, about how the organization contributes to the Ethereum business ecosystem.

Read the Q&A

Selected news and views from and about the Business Ethereum ecosystem

- Atlanta Home Tokenized on Ethereum, Nets $214,882 in Under 3 Minutes. Fintech and single family-focused sales company Roofstock has sold off a Georgia home to RealT via a tokenized Ethereum-based NFT, representatives for both companies told Blockworks on Tuesday. It marked the first collaboration between the two companies.
- Ethereum's Shanghai Hard Fork Now Has Official Target Date. Developers agreed to April 12 for the long-awaited upgrade that will enable staked ETH withdrawals.
- United Kingdom Creates Category For Crypto Assets. The increasing crypto adoption globally has opened up different jurisdictional classifications and regulations for digital assets.
- Next Billion Fellowship Cohort 3 – Call for applications. The Next Billion Fellowship at the Ethereum Foundation is a search for stories: Stories that inspire us to focus

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solving our problems, and to push deeper into the mysteries of human cooperation.

- [Filecoin Launches Ethereum-compatible Smart Contracts](). Filecoin, a blockchain built to store data, has enabled Ethereum-style smart contracts, the final step in its "master plan" to disrupt Amazon Web Services and other legacy cloud computing and data storage platforms.
- [Five Lessons From My First Year Working In Web3](). This was the proverbial year when decades happened. Here are five of the most important things I've learned along the way.
- [Meet Base](). Today, we're excited to announce the testnet launch of Base, an Ethereum Layer 2 (L2) network offering a secure, low-cost, developer-friendly way for anyone, anywhere, to build decentralized apps on-chain.
- [Where is Ethereum headed?](). Ben Edgington of ConsenSys discussed Ethereum proof of stake, governance and the future of the Ethereum ecosystem on the Web3 Innovators podcast.
- [Project Icebreaker finds retail CBDC can work for cross-border payments](). All three CBDCs used distributed ledger technology (DLT), with Israel and Norway using private Ethereum-based ledgers (Quorum and Besu).
- [With Bitcoin Market use case, Central Bank announces Hyperledger Besu (Ethereum EVM) for the first tests of Real Digital](). The Central Bank of Brazil announced that Hyperledger Besu will be used in this first phase of testing.
- [Banks' direct exposure to crypto less than 1% of total – BIS report](). Compared to the end of June 2021, banks' crypto-assets under custody fell 66%, while their prudential exposure to crypto-assets grew 30%.
- [Do 'Ethereum killers' have a future? Here's what the crypto community says](). Repeated outages of one of the most popular blockchains believed to have the potential to dethrone the Ethereum network sparked a conversation among community members about the future of those carrying the burden of being called an "Ethereum killer."
- [Visa exec says not pausing crypto push](). Visa's crypto chief Cuy Sheffield branded the news as inaccurate concerning Visa pausing its partnerships with crypto firms.
- [Ethereum Foundation Account Abstraction Grants 2023](). The Ethereum Foundation is looking to provide grants to any builders who are interested in continuing to improve and strengthen the infrastructure surrounding Account Abstraction on Ethereum. This grants round has up to $300,000 available to distribute to the community.

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