

Making 2021 the Year of Ethereum

Last year was rough for most of us, however we are super excited about 2021. The interest in business use of Ethereum technology has never been higher, with the acceleration of Decentralized Finance, increased robustness of Layer 2 solutions for scalability and efficiency, approval for US financial institutions to operate directly with stablecoins (most of which are anchored on the Ethereum network), the excitement and interest around Baseline, and the launch of staking on Ethereum 2 -- the first step to native scalability, performance, and efficiency. These are all signs of a growing acceptance and appreciation of decentralization, transparency, and data fidelity.

The EEA has planned several initiatives this year. [Get involved!](#) Not only is the EEA member-driven, it is also member-inspired. Please make 2021 the year that you step forward and work with others in the community to make Ethereum *the* technology for business!

We Need Your Input!

Take the EEA Ethereum Developer Tool Survey

Last fall, the EEA's Mainnet Working Group – Enterprise Use Cases and Requirements Task Force initiated a project to improve the tools and libraries used to develop applications on Ethereum, particularly Mainnet.

Please take the brief survey below to help identify opportunities for improving tooling in this area.

If you have a desire to help advance the use cases and requirements to scale enterprise adoption of Ethereum, we invite you to join this group. We appreciate your efforts to improve the ecosystem for the community!

[Take Survey](#)

How Ethereum Layer 2 Scaling Solutions Address Barriers to Enterprises Building on Mainnet

If you've been following the buzz in the Ethereum ecosystem recently, you've probably heard about high transaction fees and the limited processing capacity of Mainnet. You may also have heard about Layer 2. Layer 2 is a set of technologies or systems that run on top of Ethereum (Layer 1), inherit security properties from Layer 1, and provide greater transaction processing capacity (throughput), lower transaction fees (operating cost), and faster transaction confirmations than Layer 1.

So how do Ethereum Layer 2 scaling solutions address barriers to enterprises building on Mainnet? Check out this recent top-notch blog by Tas Dienes of the Ethereum Foundation, with contributions of others in the EEA Mainnet Working Group.

[Read Blog](#)

Noteworthy Technical Updates

The EEA's technical groups are making progress on existing plans and making new ones for 2021.

- **The Core Specs group**, newly rechartered at the end of 2020, is reviewing its specifications and working on use cases and the implementation guide. The implementation guide is being reframed to be more clear about how the architecture of Enterprise Ethereum is related to public Ethereum, describing the handful of differences required for a client to be an Enterprise Ethereum client.
- **The Crosschain Interoperability and the Trusted Compute Working Groups** are moving forward with their efforts while they finalize their charter proposals.
- **The EthTrust Security Levels Working Group** is making progress on determining the different levels of contract security review, and what level of confidence they provide customers.
- **The Client Interoperability Testing Working Group**, also newly rechartered, is making progress in providing an EEA testate that all members can use to test conformance or run other experiments.

Good standards are developed through collaboration between competitive implementers and their customers to ensure that we are solving real problems. Becoming a member of the EEA would grant your organization's employees access to our collaboration site and the opportunity to join our various technical groups. [Learn more about EEA membership here.](#)

Upcoming Events

BAF + EEA Cryptography Meetup: An Introduction to Zero Knowledge Proofs for Business

February 3, 2021

This collaborative meetup between the Ethereum Enterprise Alliance (EEA) and the Blockchain Acceleration Foundation (BAF) is designed to inspire and educate leaders about the impact zero-knowledge proofs will have on data privacy and security for large enterprises.



[Register Now](#)

EEA Webinar: The Journey to Charter a Digital Bank in the US

February 10, 2021

Join the February EEA Education Series for a lively conversation with Caitlin Long, founder of Avanti Bank & Trust, as she describes her journey to charter a digital U.S. bank.

Caitlin will talk about the steps and hurdles involved in creating the bank, the issues the bank is solving, and the ultimate vision for digital asset banking. She will also discuss why Avanti is based in Wyoming and why it's the model for digital banking laws in the US and across the world.

EEA Chair John Whelan will join the conversation with Caitlin and lead the Q&A session.

[Register Now](#)

Blockchain International Scientific Conference

March 15, 2021

The British Blockchain Association is hosting its 3rd Blockchain International Scientific Conference fully online. Don't miss out on a day full of presentations from visionaries, thought-leaders and experts in the field of Blockchain, including EEA member Consensys' John Wolpert!



[Register Now](#)

Recent Events

The EEA hosted its first-ever virtual EEA London Meetup on January 27.

EEA Executive Director Daniel Burnett kicked things off by providing an overview of the EEA and talking about the progress that's been made since he joined in July.

John Wolpert, co-founder of the Baseline Protocol, discussed how the protocol

employs the public blockchain (not as a database, but as an integration bus), what benefits that brings for industry, and how the protocol allows companies to keep sensitive information where it belongs -- in their traditional systems of record and off the blockchain.



Member News

Web3j Community Update

EEA member Web3 Labs spent 2020 continually investing in Web3j to improve the Ethereum developer experience for Java and Android developers. They were also able secure funding from the Ethereum Foundation to help supercharge this work. Get an update on all of the awesome things they've been doing over the past few months! [Learn more here.](#)

BambooDeFi: A New Way for Users to Make A Steady Income

Decentralized finance protocol, BambooDeFi, developed by Nexxy Labs, has conducted its Initial exchange offering on the ChainX cryptocurrency exchange on December 25. [Learn more here.](#)

Hyperledger Annual Report

Even in the uncertain times we found ourselves in 2020, EEA member Hyperledger saw growth in many ways. Check out their Annual report [here.](#)

Multiparty Computation Threshold Signing in Practice: Bringing Security to Customers

EEA member ING Bank N.V. has released a version of Multiparty Computation Threshold Cryptography that can be used for digital signatures. Pyctor, an ING-led initiative, in collaboration with ABN AMRO, BNP Paribas Securities Services, Citibank, Invesco, Société Générale – Forge, State Street, UBS and others, is a digital asset post-trade market infrastructure for global custodians, institutional issuers, and other capital market actors. It empowers customers to securely issue, access, and manage digital assets in a regulatory compliant manner.

The solution utilizes MPC Threshold Signatures to decentralize the management of private keys, for a greatly improved security. [Learn more here.](#)

Newest Members

The EEA welcomes the following new EEA members:

- [Tranomics](#), limiting the economical impacts that supply chain and transportation have on the manufacturer and the service provider's ability to bring a product or good to the market.
- [API3 Foundation](#), a decentralized API (dAPI) network that enables data providers to become their own blockchain 'oracles'.
- [SAP](#), exploring the business impact of emerging technologies.
- [Sollensys Corp.](#), the first distributive data company that helps businesses across the country meet the growing challenges of cybercrime.

In the News

[CoinTelegraph](#), [12 of the Biggest Enterprise Blockchain Players of 2020](#)

[BeinCrypto](#), [Ethereum Network 101: A Dive into the History, Technological Foundation, and Future Potentials of ETH](#)

[BBN Times](#), [Benefits Of Decentralized Applications For Businesses](#)

[See More](#)

Read about EEA members in the news [here.](#)

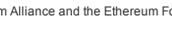
Become a Member

The EEA enables organizations to adopt and use Ethereum technology in their daily business operations. We empower the Ethereum ecosystem to develop new business opportunities, drive industry adoption, and learn and collaborate with one another. Our global community of members is made up of leaders, adopters, innovators, developers, and businesses that collaborate to create an open, decentralized web for the benefit of everyone. Join us and contribute to our work!

[Learn more about EEA membership](#) and contact membership@entethalliance.org.

[Join Today](#)

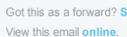
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