ACCELERATING BUSINESS DECENTRALIZATION

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#DECENTRATECH

DecentraTech COLLECTIVE

Accelerating Blockchain & Web 3.0 for Business

Decentralization & DecentraTech Quarterly Update – Q3 2021

July 19, 2021

Online Meetup Information/Tips

- We are using Zoom for our online meetups and events.

- Use the chat facility for mingling, introductions and shoutouts.

- Use the Q&A facility to ask questions of the host/presenter(s).

About The DecentraTech Collective

- A 'spin out' from the Austin Blockchain Collective.

- Global in remit. Will tap into Austin ecosystem but also innovation happening in other centers.

- Education and practical advocacy to accelerate decentralization technologies for business. An open community.

- Early focuses on DeFi, decentralized identity/verifiable credentials, decentralized networking and storage, Baseline Protocol.

DecentraTech Collective Partners

- Thanks to our founding Partners – Lighthouse Partners, Massing PR and Capital Factory (Texas).

- Partners provide funding and in-kind support to allow the DecentraTech Collective to provide broad education services, mostly for free or low cost. Partners benefit from visibility and industry leader association.

- The DecentraTech Collective's practical advocacy services tap into offerings provided by Partners on best commercial terms to accelerate business adoption of decentralization technologies.

Decentralization Technologies aka DecentraTech

The DecentraTech Stack enables decentralized applications (DApps) and results in decentralized business processes. It includes:

- Blockchain and DLT consensus
- Cryptographic Proofs (ZKP)
- Smart contracts
- Peer-to-peer messaging
- Decentralized storage
- Edge computing
- Serverless computing and API management/marketplaces
- Web 3.0 approaches, such as SSI and 'own your data'

#AustinBlockchain News

See the DecentraTech Collective Meetup Group and RSVP for:

Thursday, July 22, 6pm CT - #AustinBlockchain Q&A & Cocktails in-person with the Unchained Capital team.

Monday, August 2, Noon CT - #AustinBlockchain Conversation online with Neil Zumwalde, Co-Founder & CEO, Credmark

Today's Presentation

**Decentralization & DecentraTech
Quarterly Update – Q3 2021**

**A Focus on (Mostly) Ethereum
and Smart Contract Platforms**

In This Update

- The Smart Contracts Platform Landscape
- What's Happening with Ethereum?
- Superfluid Raises $9 million Seed for Payment Streams
- Power Ledger Switches On to Solana
- News from the World of Ethereum Standards
- Some Recent Smart Contract News

The Smart Contracts Platform Landscape

- "Hold Tight, Here Come the Blockchain Wars" – Gavin Wood, Web3 Foundation/Parity Technology
https://www.coindesk.com/hold-tight-here-come-the-blockchain-wars

- "The Unbundling of Ethereum" – Kyle Samani, Multicoin Capital
https://multicoin.capital/2019/05/24/the-unbundling-of-ethereum/

What's Happening with Ethereum?

- Ethereum is victim of own success – ERC20 tokens, DeFi, NFTs. Means poor performance, high 'gas' costs.
- Hence several competitors have emerged, e.g. Binance Smart Chain, Solana, Polkadot parachains.
- Ethereum 2.0 (ETH2) is coming. Rollout has begun with Beacon chain. Best guess for completion is 2022. It includes Proof-of-Stake (sustainability), Sharding (scalability), a new EVM called eWASM (faster, multi-language support).
- Next major interim update is the "London" release, slated for August 4 to overhaul 'gas' fee structure.

Superfluid Raises $9 million Seed For Payment Streams

- Superfluid is an Ethereum-based smart contract/token to set up automatic programmable peer-to-peer payment streams.
- Company has bases in UK and Estonia. Multicoin Capital just led $9 million seed investment because it "represents the biggest step forwards in value transfer since the advent of Bitcoin."
- Payment streams can pay people, pay subscriptions for content and services. Applications include DeFi, DAOs and IoT. Lots of ecosystem support already
- Allows payment stream to be set up using a single smart contract execution, so minimizes 'gas' cost.

Power Ledger Switches On to Solana

- Australia-based Power Ledger has built a blockchain-based application – Powerledger Energy Blockchain – to audit and streamline the buying and selling of renewable energy.

- Company offers peer-to-peer trading, energy traceability and applications for Renewable Energy Certificates (REC's)

- In production but will switch from a customized permissionless Ethereum blockchain to a permissioned Solana platform because it is "much faster and able to support higher transaction throughput." Lower energy use is also a factor.

- Solana delivers block times of 400 milliseconds and throughput of more than 50,000 transactions per second. POWR ERC-20 tokens staying on Ethereum.

News from the World of Ethereum Standards

- Ethereum OASIS Open Project is now part of the Enterprise Ethereum Alliance organization.
- Combines OASIS heritage and expertise in open source and open standards development with EEA business focus.
- OASIS Open now called EEA Community Projects.
- Baseline Protocol is key project that was governed by OASIS Open, and ConsenSys is a founder of both groups.
- Baseline is bringing business use cases to the public Ethereum blockchain "Mainnet".

Some Recent Smart Contract News

- Global IT solutions vendor Broadridge launched VMware Blockchain-based "DLR" repo platform to reduce costs and risks. Smart contracts written in DAML. $31B daily trading volume in first week.
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- Blockchain Technology Partners raised GBP2 million seed round for blockchain-as-a-service offering. BTP supports Hyperledger Sawtooth and Besu (Ethereum) and DAML smart contracts.

- Coinbase launched Solidify to automate analysis of Ethereum (token) smart contracts for security risks.

Comments, Questions and Contacts

- Over to you for your comments and questions.

- Website: www.decentratechcollective.com
- Twitter: @DecentratechC
- LinkedIn page and Group
- Slack workspace
- Contact us via website or info@decentratechcollective.com.