

Pillars of Open Blockchain

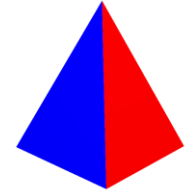
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1. Opensource
2. Permissionless
3. Borderless
4. Censorship Resistant
5. Neutral
6. Publicly Verifiable



Andreas Antonopoulos

- Bitcoin: A Peer-to-Peer Electronic Cash System
- Centralized/ Permissioned Blockchain = **Software**



Blockchain In the Metaverse

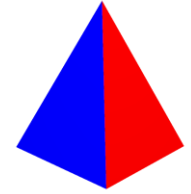
- Do we Need Blockchain in the Metaverse?
 - No
- A Centralized Metaverse?
 - Maybe/Yes
- Hybrid Metaverse
 - Yes

❖ Where does Blockchain Technology Fit in?

- ✓ Storage of Data
- ✓ NFT
 - ✓ Pointer of NFT
- ✓ In Gaming assets
 - ✓ Interoperability

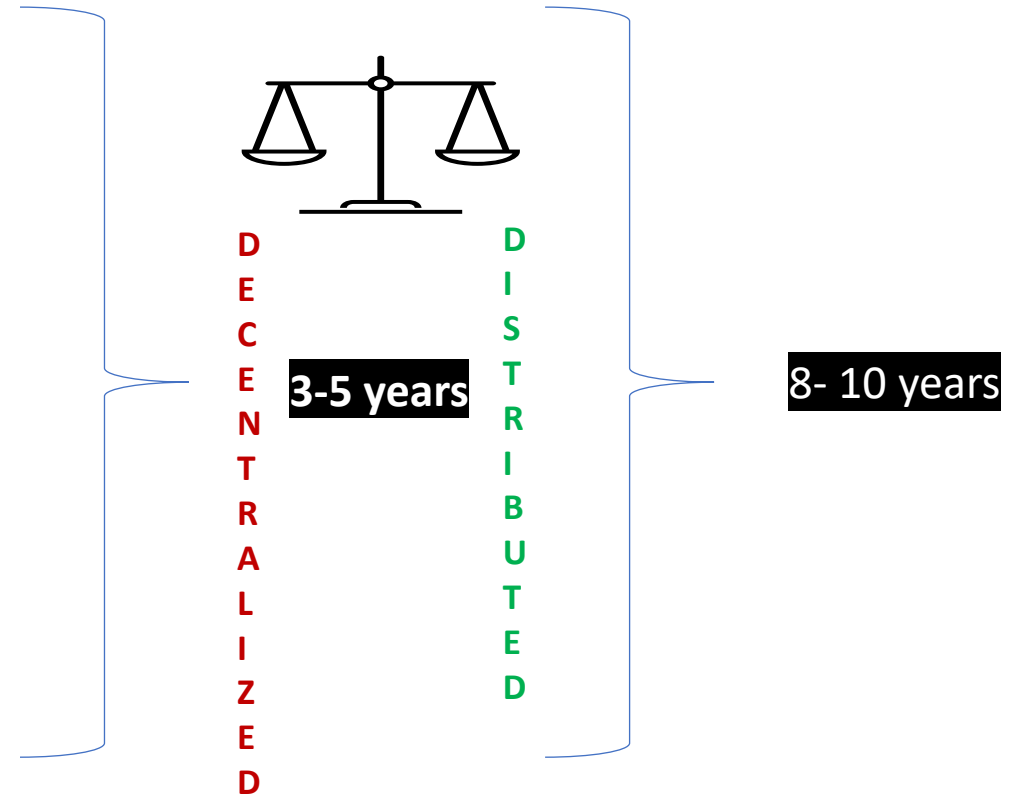
❖ Where does Blockchain Technology Fit in?

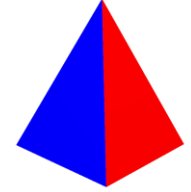
- Log In Credentials
 - ✓ Private Key
 - ✓ Public Key
 - ❖ Crypto Wallets



Do we need Blockchain

- **Time**
 - Extreme Slow
- **Cost**
 - Very expensive
 - Ethereum \$80 (Twitter on Ethereum)
 - 2nd Layer \$3 (Twitter on Ethereum)
- **Quality**
 - Terrible User Experience
 - No Customer service
 - Decentraland



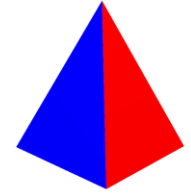


What is a Hybrid Metaverse

- Centralized + Distributed
 - ✓ Platform owned by Central Entity company
 - ✓ Source code is not public
 - ✓ User Generated Content
 - Platform owns the content
 - Fees to the platform
 - User Owned Content
 - ✓ Censorship/ Cancel Culture
 - Platform decides
 - Censorship Resistant

Monetization

Meta has announced 47% fees for using platform



What is a Hybrid Metaverse

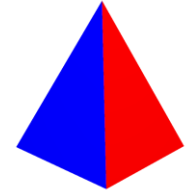
❖ Centralized Metaverse

- Better user experience
- Better protection against hacks
- Updates based on feedback (customer experience)
- Cheaper , Free in the near future
- Can set guidelines that can be safer to the community

❖ Distributed Metaverse

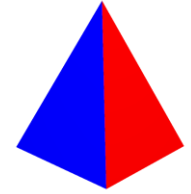
- User owned content
- Thrustless & full monetization
- Difficult to hack
- Customizing / 3D printing own AR/VR headsets
- Ability to use without restrictions

- ❖ The real innovation would be to have a fully Distributed Metaverse. Bitcoin created a movement towards separation of Money & the State. Metaverse on a fully Distributed has the potential to re-write history



Cryptocurrency in the Metaverse

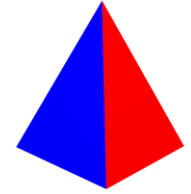
- Cryptocurrencies would be an ideal means of payment , medium of exchange in the Metaverse
 - **Time**: Instant
 - **Cost** : Free/ Reduced Fee
 - **Quality**: Transparent/ Publicly verifiable
 - **Scalability issues**
- } + Open Blockchain
- 💡 Central Bank Digital Currencies (CBDC) will be used in the Metaverse!
 - ✓ Solves Scalability
 - ✓ Customer confidence
 - ✓ Extremely Centralized



Tokens in the Metaverse

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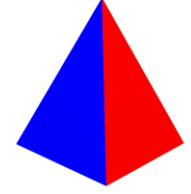
- Tokens instead of Cryptocurrency
- Meta is planning to issue Tokens to be used a Medium of Exchange
 - Users can create, buy and sell goods as well as tokenized funds
 - Zuck Buck
- Stable coins
 - Stable coins a better alternate ?
- 💡 Can (Bitcoin) using Lightning Network be used in the Metaverse
 - ✓ Can also issue stable coin backed by Satoshi



News & Events in UAE

#blockchaindxb

- **Breaking!**
 - Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum , Crown Prince of Dubai since 2008 Tweeted on Thursday
 - Dubai's VARA becomes world's first regulatory authority to enter metaverse
 - VARA(Virtual Assets Regulatory Authority) under Dubai World Trade Center
 - MetaHQ in The Sandbox
 - Binance moved to Dubai
 - FTX exchange moved to Dubai
 - Crypto.com moved to Dubai
 - Kraken (Abu Dhabi)



VARA to enter the Metaverse



[@HamdanMohammed](https://twitter.com/HamdanMohammed)



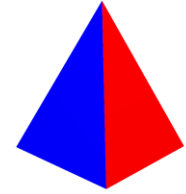
واجد سلطة دبي لتنظيم الأصول الافتراضية في عالم الميتافيرس سيعمل على تقديم خدماتنا التنظيمية والرقابية لجمهور واسع عابر للحدود وبتقنيات مستقبلية موثوقة .. حكومة دبي ستكون دائماً جزءاً من المستقبل .. ومحركاً أساسياً لتقنياته الجديدة

The presence of the Dubai Virtual Asset Regulatory Authority in the world of metaverse will work to provide our regulatory and supervisory services to a wide audience that crosses borders and with reliable future technologies.. The Dubai government will always be part of the future.. and a major driver of its new technologies

Follow up tweets have more useful information!

www.blockchaindxb.com

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News & Events in Dubai

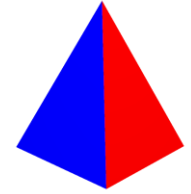
- 07th May 2022: Global Metaverse Event of Lydian  legends at the event
 - Roberto Carlos + David Trezequet + Fernando Hierro+ Mario Yepes + Michael Salgado + Lucas Radebe
- 11th – 12th May: Future Innovation Summit 2 (Elon Musk guest speaker)
 - Space
 - Sustainability
 - Metaverse

- ❖ Dubai World Trade Center
- ❖ Smart Dubai

- ❖ DMCC (Dubai Multi Commodities Center)
 - ❖ Crypto Center
 - ❖ Crypto Oasis

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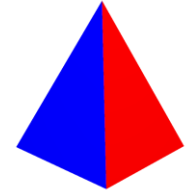
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Networking: Metaverse

- Cypher Capital: \$100 million fund
- Vertex Events: Blockchain & Cryptocurrency events
- Crypto Expo: 130 Blockchain + Crypto related companies
- Ministry of Health: World's first Metaverse customer happiness service center
- Damac Properties : \$100 Million (Managed by D-Labs)
- Union Square: Metaverse Mansion
- Future Blockchain Summit 5th Edition focuses on Metaverse
- Dubai Municipality: One Human Reality, A digital twin of Dubai announced World Economic Forum

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Crypto is Metaverse
Metaverse is Crypto

MetaFi : DeFi for the Metaverse

❖ Outlier ventures: White Paper ' MetaFi: DeFi for the Metaverse''

1. Interface Layer:

- ✓ Hardware & Software, Desktop, VR/AR/ MR, Mobile

2. Financial Computer Layer

- ✓ Defi, Exchange goods & services, Smart Contracts, Property rights Distributed (Blockchain)

Web3:

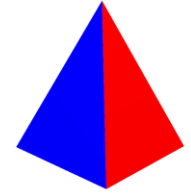
- ✓ User in full control of the data
 - ✓ Data can be in the form of income
- ✓ Creator economy

MetaFi:

- ✓ Unstoppable: Regulators can only limit Fiat currencies
- ✓ Composable:

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MetaFi : DeFi for the Metaverse

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✓ Framework for MetaFi

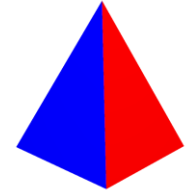
1. Foundations
2. DeFi
3. Verses



The Metaverse Podcast: Outlier Ventures
-Jamie Burke

✓ MetaFi Clusters of Activity:

- Virtual worlds, Games, Avatars, Wearables, Market places, Yield Bearing NFT, Access Tokens
- Future Innovation Summit 2 11th – 12th May (Elon Musk, Guest speaker at the event)
 - Topic on MetaFi (Day 1 & Day 2)
 - <https://vol2.dfisx.com/>



PESTLER- Metaverse

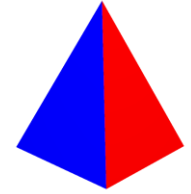
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- **Political:** How does it effect Politics & vice versa
- **Economical:** Economies will be built on Metaverse
- **Social:** Social media (user generated content & ownership)
- **Technological:** Technological advancements & improvements
- **Environmental:** Environmental impacts (ESG)
- **Religious:** Religious facts governing Metaverse (Acceptance or Denial)

❖ Eventbrite Session 3rd week of May

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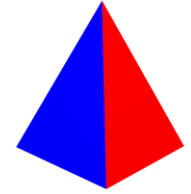
Key info

Meta Economy: Dubai

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Few questions in the Metaverse

- How will CBDC impact the Metaverse?
- Will there be a political party only in the Metaverse?
- 2024 Debate between President Trump & Joe Biden in the Metaverse?
- Will a Centralized Metaverse be better than an Open Distributed Metaverse?
- Are Tokens better than using Crypto in the Metaverse?
- What will be a new industry in the Metaverse? (Blue Ocean)