



OST

Eastern Switzerland
University of Applied Sciences

Distributed Systems & Blockchain

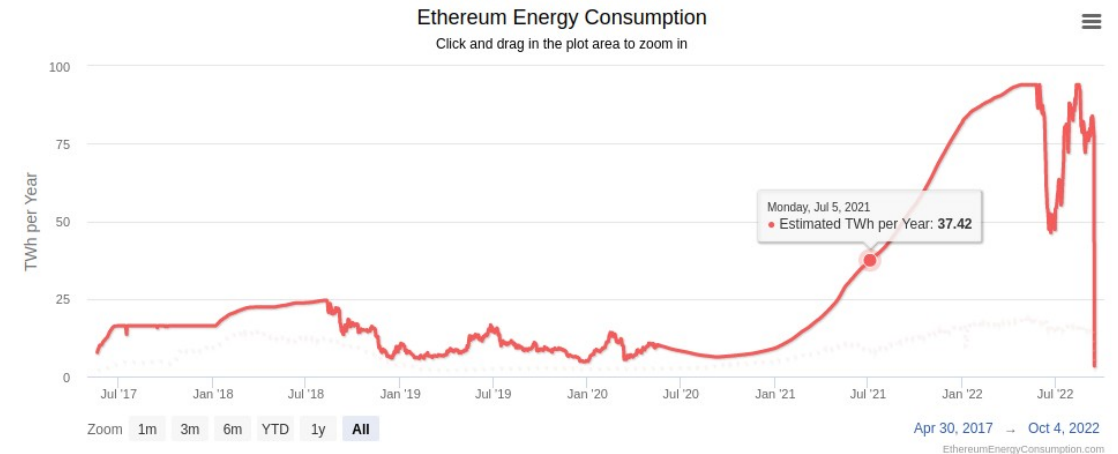
In the news


Thomas Bocek

16.09.2022

Distributed Systems & Blockchain in the News

- 15.09.2022: The Ethereum Merge Is Done, Opening a New Era for the Second-Biggest Blockchain [\[link\]](#)
- Ethereum is a smart contract capable blockchain [\[link, link\]](#)
- The Merge [\[link\]](#)
 - Change from proof-of-work (PoW) [\[example\]](#) to proof-of-stake (PoS)
 - Pro: energy savings [\[link\]](#), cheaper GPUs?
 - Cons: more centralization [\[link, link\]](#)
 - [Lido](#), [Coinbase](#)
 - E.g., censor Tornado Cash transactions [\[link\]](#)
- ETHW – EthereumPoW [\[link, link\]](#)



 **Martin Köppelmann** 🇪🇺 @koeppelmann 16h

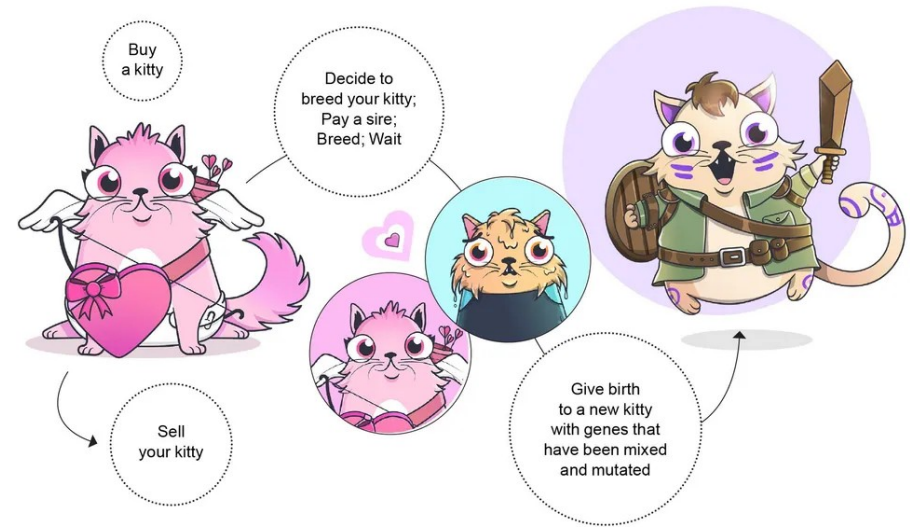
top 7 entities controlling >2/3 of the stake is pretty disappointing to see tbh

fee recipient			cummulative
0x388c818ca8b9251b393131c08a736a67ccb19297	27.50%	Lido	27.50%
0x4675c7e5baafbfbca748158becba61ef3b0a263	14.50%	Coinbase	42.00%
0xb64a30399f7f6b0c154c2e7af0a3ec7b0a5b131a	7.50%		49.50%
0xe688b84b23f322a994a53dbf8e15fa82cdb71127	6.70%		56.20%
0xebec795c9c8bbd61ffc14a6662944748f299cacf	5.60%		61.80%
0x6d2e03b7effeae98bd302a9f836d0d6ab0002766	3.00%		64.80%
0x54cd0e6771b6487c721ec620c4de1240d3b07696	2.80%		67.60%

35 70 31 443

Distributed Systems & Blockchain in the News

- 10.8.0.22: The Spectacular Collapse of CryptoKitties, the First Big Blockchain Game - A cautionary tale of NFTs, Ethereum, and cryptocurrency security [link]
 - “quickly diluted the rarity of each NFT”
 - “It functionally broke the Ethereum blockchain”
 - “Modern blockchain gaming hits such as Axie Infinity and BinaryX had a similar initial surge in price and activity followed by a long downward spiral.”



source: <https://spectrum.ieee.org/cryptokitties>