Some Thoughts on Stablecoins and Decentralized Governance Andy Hall\* Stanford GSB & Hoover

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\*Disclosures: I advise a16z crypto and Meta Platforms, Inc; this deck reflects my personal views

# Crypto was originally motivated by decentralization

#### Bitcoin: A Peer-to-Peer Electronic Cash System

Satoshi Nakamoto satoshin@gmx.com www.bitcoin.org

### For money...

"Bitcoin is the best modern example of decentralized money...there's no central authority able to filter it or cancel it."

-Cato Institute Report

### But also for the web...

"a programmable computer that lives in the sky, that is not owned by anyone and that anyone can use"

-Tim Roughgarden

# Stablecoins' original goal: Decentralized like bitcoin but stable like \$\$\$

"Unlike other Stablecoins, Dai is completely decentralized

The primary feature of a decentralized cryptocurrency is censorship-resistance"

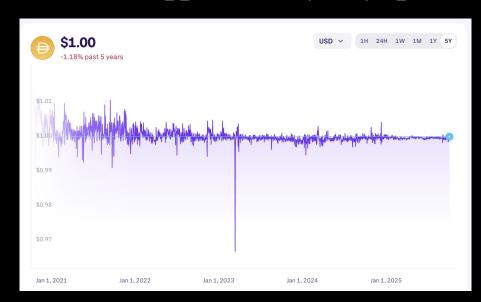
-DAI white paper



# But decentralized stablecoins are hard...

- (1) Governance by tokenholders leads to standard agency problems, voter apathy
- (2) Hard to keep peg without using "real world assets", which introduces "centralization risks"

#### DAI struggled to keep its peg



Source: Kraken

### Today's major stablecoins are not decentralized, understandably

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#### The WHITE HOUSE

COMBATING ILLICIT ACTIVITY IN DIGITAL ASSETS: Through reg stablecoin issuers, along with coordination with the Treasury Department of the Coordination with the Coordination wit enforcement, the GENIUS Act reinforces our national security.

- The GENIUS Act explicitly subjects stablecoin issuers to the clearly obligating them to establish effective anti-money lau compliance programs with risk assessments, sanctions list v identification.
- This legislation improves the Treasury Department's ability to combat illicit stablecoin activities by enhancing its sanctions evasion and money laundering enforcement capabilities.
- All stablecoin issuers must possess the technical capability to seize, freeze, or burn payment stablecoins when legally required and must comply with lawful orders to do so.

```
268 - contract BlackList is Ownable, BasicToken {
         ///// Getters to allow the same blacklist to be used also by other contracts (including upgraded Tether) //////
271 -
         function getBlackListStatus(address maker) external constant returns (bool) {
             return isBlackListed[ maker];
275 -
         function getOwner() external constant returns (address) {
             return owner:
         mapping (address => bool) public isBlackListed;
281 -
         function addBlackList (address _evilUser) public onlyOwner {
             isBlackListed[ evilUser] = true;
             AddedBlackList( evilUser);
286 -
         function removeBlackList (address _clearedUser) public onlyOwner {
             isBlackListed[ clearedUser] = false:
             RemovedBlackList( clearedUser):
```

# What will centralization mean for stablecoins?

## Bear case: "The worst of both worlds"

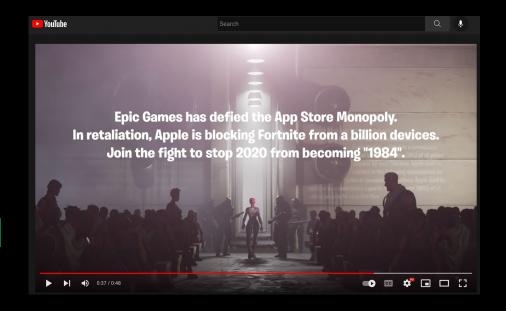
- Centralized stablecoins have the same censorship/privacy risks as CBDC
- Other benefits of blockchain might prove incidental for stablecoins

## Bull case: "progressive decentralization"

- Centralized stablecoins limit censorship by making it "arms' length"
- There is a legal path to decentralized stablecoins in the future

# Agentic payments: the next arena of this battle

Will agents be able to freely transact across the web, or will walled gardens close them off?



So far, frameworks like AP2 focus on consent, reversibility—very different from original stablecoin vision

If Al companies are responsible for reversing mistakes, likely to lead to strong centralized powers