PEWDAO

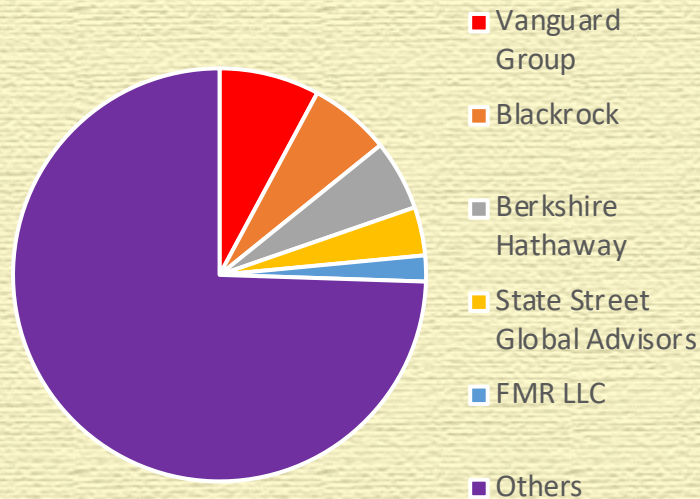## REVOLUTIONISING THE CRYPTO GOVERNANCE SYSTEM

by Keng, Jenna, James
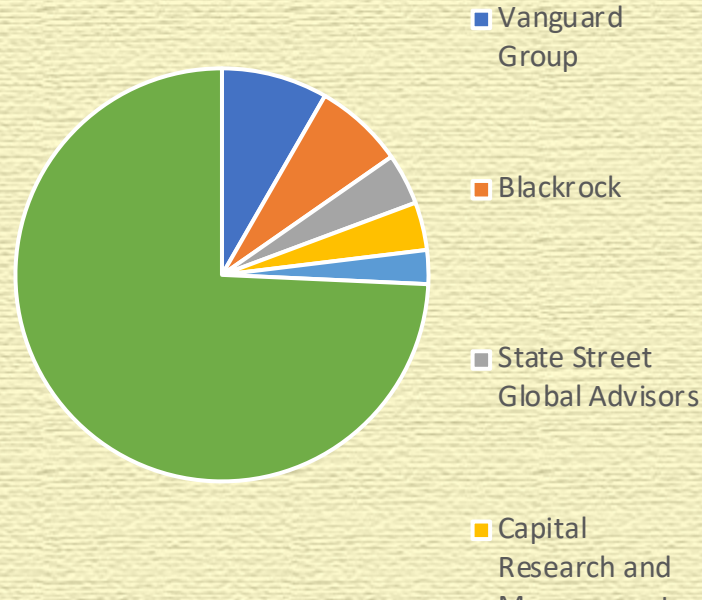
BACKGROUND

STOCK MARKET MANIPULATION
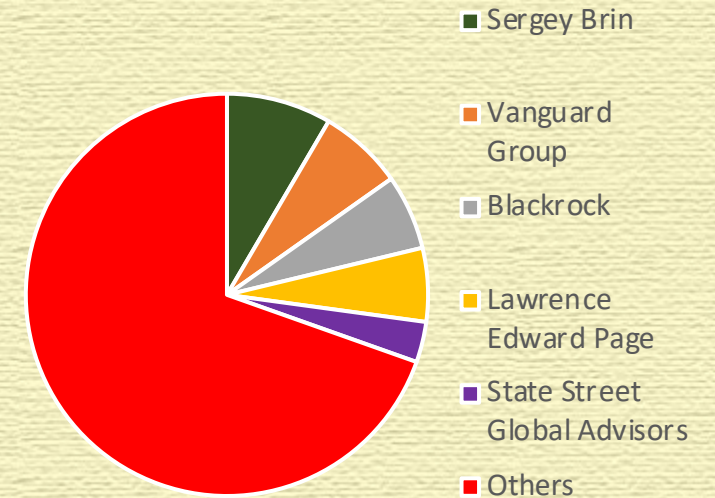
Apple Inc. (NASDAQ: AAPL)

- Vanguard Group
- Blackrock
- Berkshire Hathaway
- State Street Global Advisors
- FMR LLC
- Others

Microsoft Corporation (NASDAQ: MSFT)

- Vanguard Group
- Blackrock
- State Street Global Advisors
- Capital Research and Management

Alphabet Inc (NASDAQ: GOOGL)

- Sergey Brin
- Vanguard Group
- Blackrock
- Lawrence Edward Page
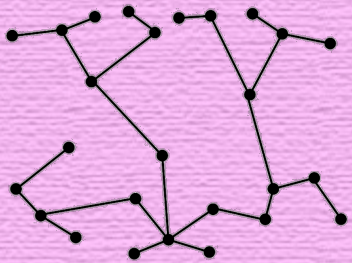- State Street Global Advisors
- Others

CRYPTO GOVERNANCE TOKEN
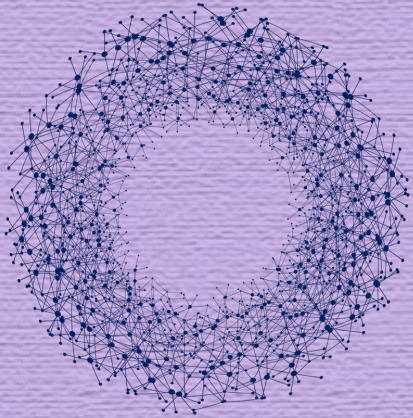
Decentralised Autonomous Organisation (DAOs):

Member-owned communities without centralized leadership.

FEATURES OF DAOs
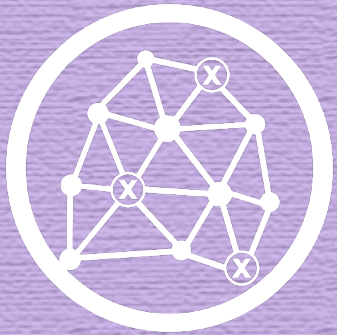
1) A safe way to collaborate with internet strangers

2) A safe place to commit funds to a specific cause

With DAOs you don't need to trust anyone else in the group, just the DAO's code, which is 100% transparent and verifiable by anyone

TYPES OF DAOs

1) Token Based Membership

2) Reputation Based Membership

3) Share-Based Membership

Link to Read More: https://ethereum.org/en/dao/

PROBLEM CASE

Token based DAOs may lead to **centralisation of power given to richer members** and not necessarily to those with greater interest in the project + equipped with a higher level of skill

PROPOSED SOLUTION

PROPOSED SOLUTION

Using Soulbound (SBT) / Non-transferrable NFTs + World ID to capture one's DAO reputation on chain which would translate to voting power through issuance of governance tokens calculated algorithmically

*Type of share-based membership

SBT: Represents a person's reputation and accomplishments, a kind of "extended resume"

HOW DOES IT WORK?

1. User joins a Pew DAO
2. User receives a non-transferrable NFT bound to their wallet
3. User acts in the DAO
4. User self declares their contribution in the DAO
5. Contributions are bounded to the NFTs that they were minted
6. Contributions would be seen by everyone in the DAO
7. Anyone in the DAO would be able to upvote/downvote the User based on their contribution
8. User will be given a governance score based on the total upvotes - total downvotes + time elapsed since joining the DAO
9. Governance score is the amount of voting power the user has when voting for DAO policies

THESIS

1 SENSIBLE GOVERNANCE

Governance would fall into the hands of more reputable members through 2 ways:

1) being active in the community showing interest and knowledge about the project

2) upvoting other members you think are worthy

2 DEFENSE AGAINST SYBIL ATTACKS

Using World ID which limits one user to create only one unique account through biometric scans, it makes it difficult for parties with malicious intent to conduct sybil attacks

For one to be able to gain governance token, interacting with the system sufficiently is a must. This will allow one to obtain an algorithmically determined score which can then be converted into governance tokens.

COMPETITOR ANALYSIS

1. MakerDAO (Token Based Membership)
2. MolochDAO (Share Based Membership)
3. DXdao (Reputation Based Membership)

THANK YOU