#### Blockchain Governance for

# Blockchain-based LEEFORMS

PRIMAVERA DE FILIPPI

CERSA/CNRS —Université Paris II Berkman Center —Harvard University



## Blockchain-based LEECQMS



## Blockchain-based LEEFORMS

AUTONOMOUS

## Blockchain-based LIFEFORMS

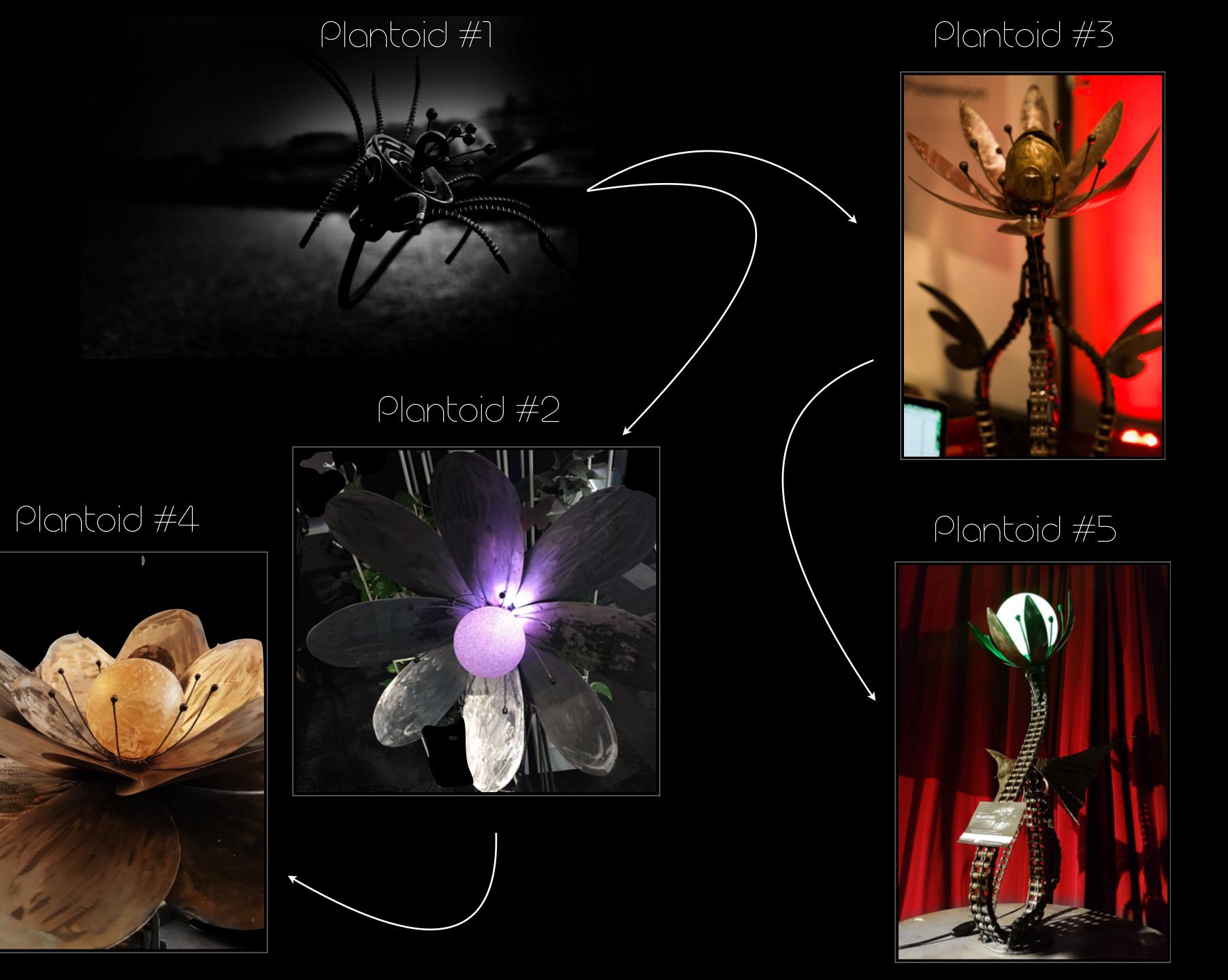
- AUTONOMOUS
- SELF-SUFFICIENT

# Blockchain-based LEECORMS

- AUTONOMOUS
- SELF-SUFFICIENT
- CAPABLE OF REPRODUCING



THE LIFE OF A BLOCKCHAIN-BASED LIFE-FORM



# Blockchain-based LEECORMS

- AUTONOMOUS
- SELF-SUFFICIENT
- CAPABLE OF REPRODUCING



FLOWERS USE INSECTS TO TRANSFER POLLEN FROM ONE FLOWER TO ANOTHER



PLANTOIDS USE HUMANS TO COLLECT CAPITAL FOR THEIR REPRODUCTION

MECHANICAL SCULPTURE

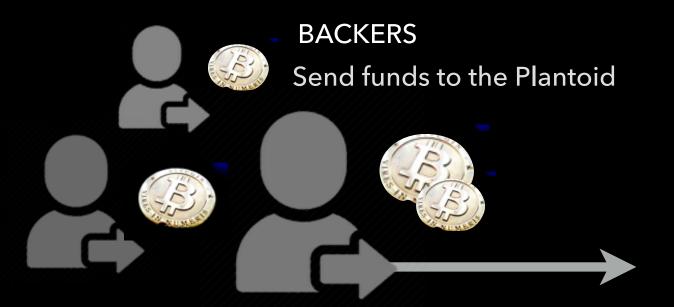




COLLECTING BITCOIN TO REPRODUCE







**BITCOIN** 



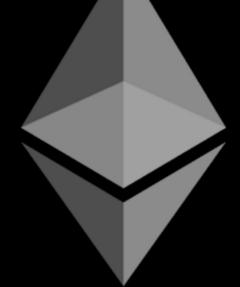


Monitor Bitcoin: If Balance > 2 BTC

ETHEREUM

SMART CONTRACT

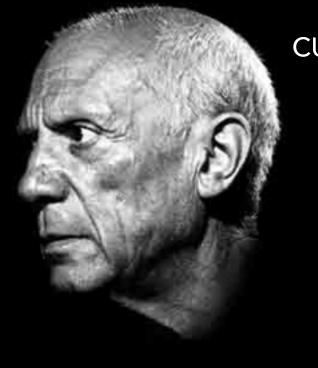
Open Submission Phase













BACKERS

Vote for submitted proposals



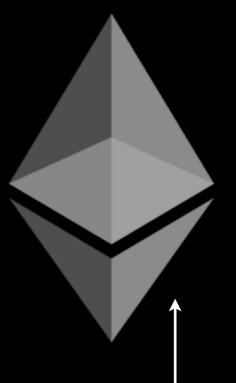
BITCOIN



#### ETHEREUM

SMART CONTRACT

Open Submission Phase



#### Submit proposals:

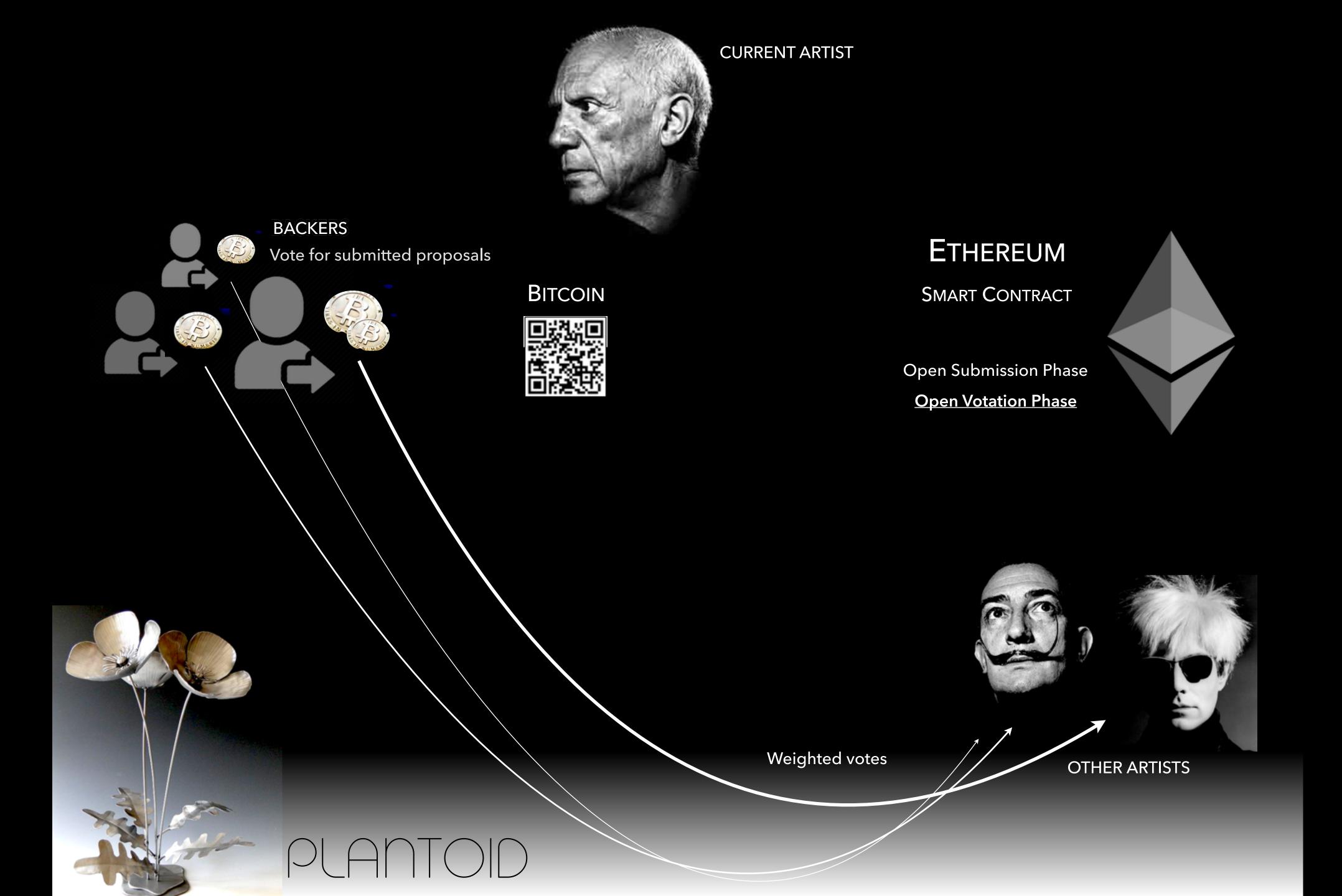
- \* BTC Address (ID)
- \* Link to proposal







PLANTOID

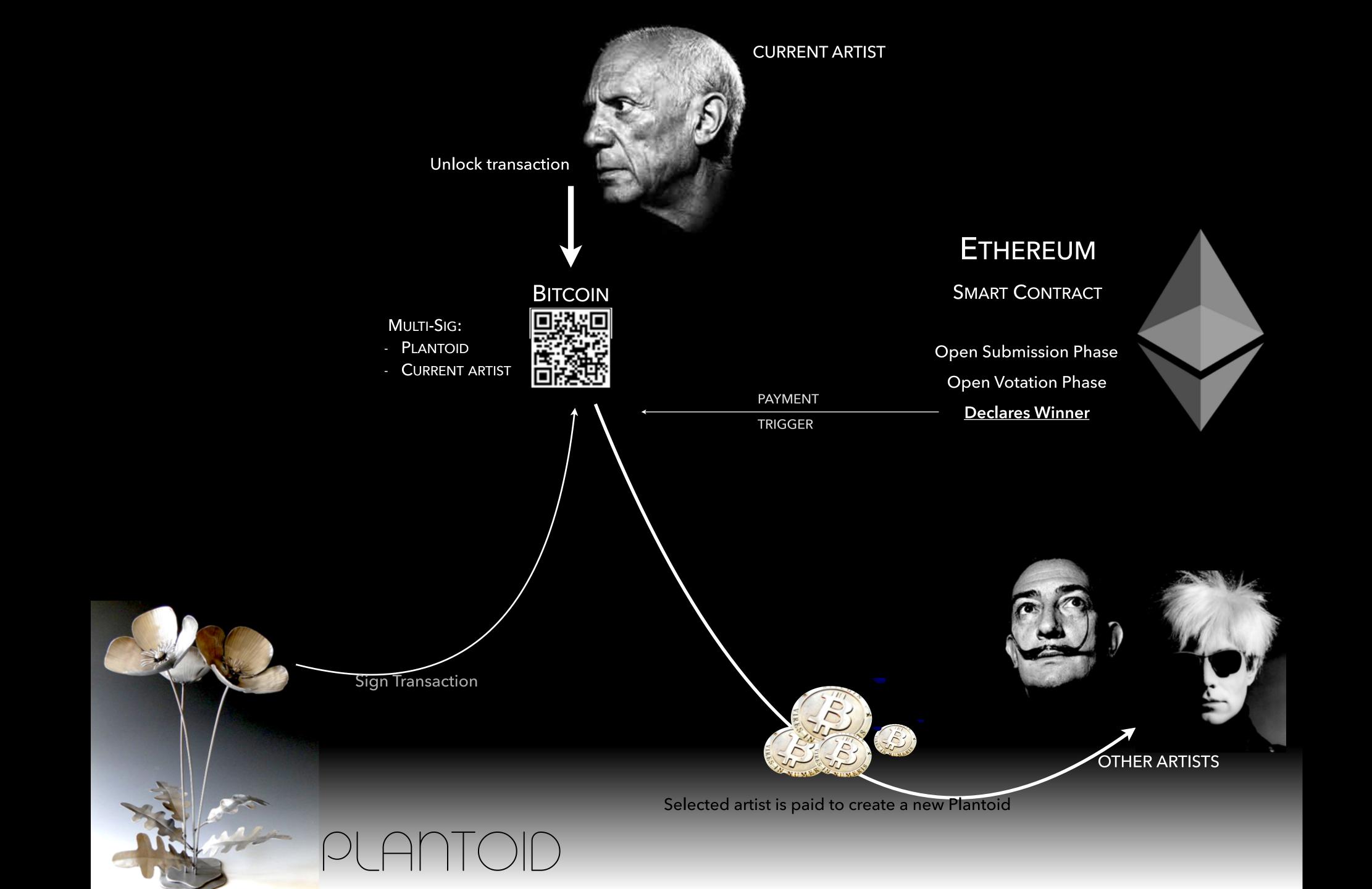


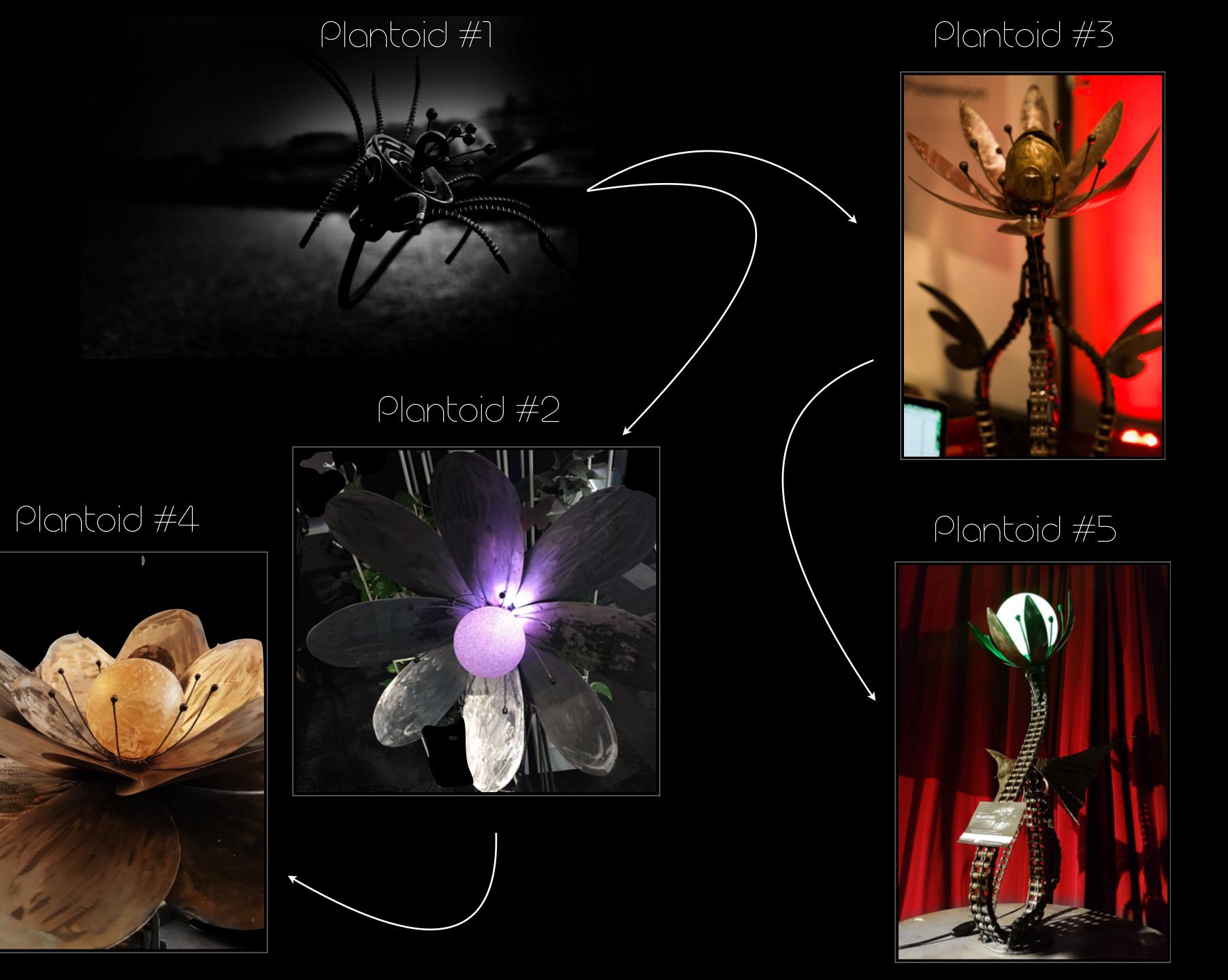


### (3) HIQING



TRANSFERRING BITCOINS TO THE NEW ARTIST(S)

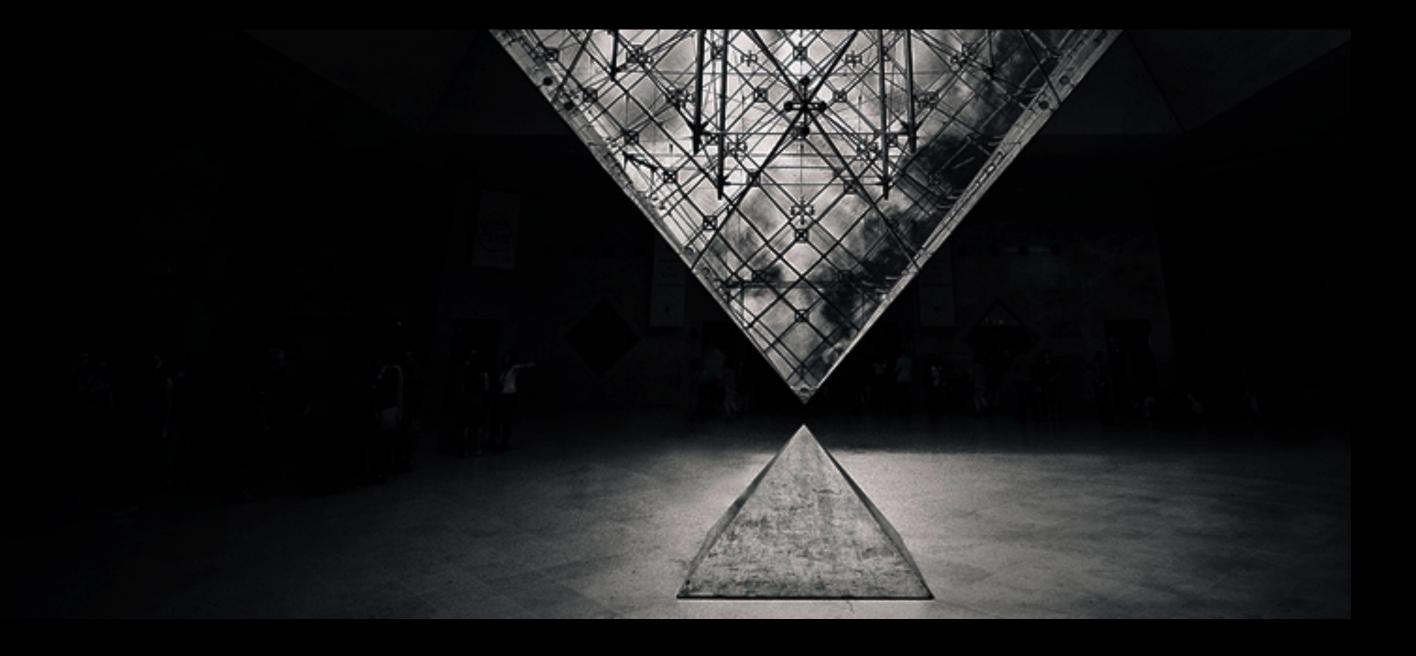






# Evolutionary Algorithm The fight of the fittest

### OYRAMID SCHEME

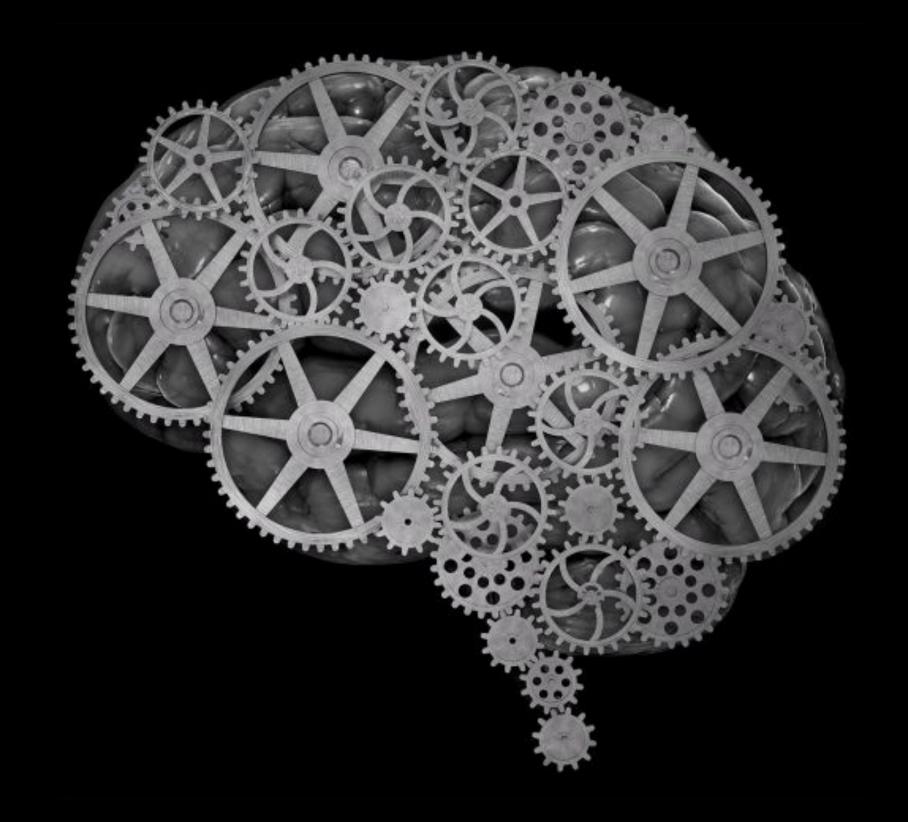


EX-POST ROYALTIES AS INCENTIVE FOR QUALITY



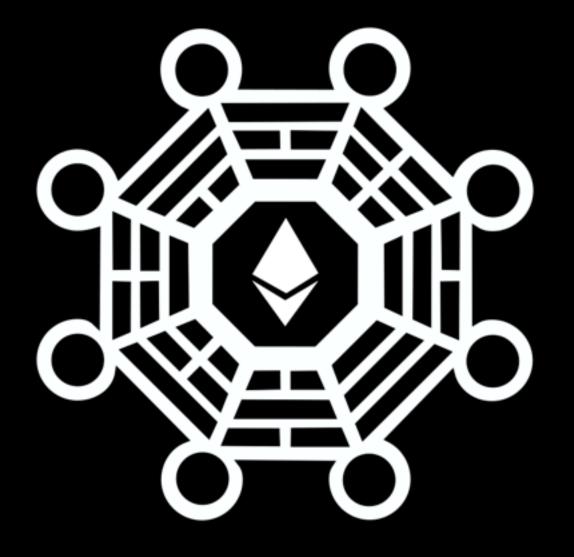
#### NEW ECONOMIC MODEL

## Blockchain-based LEECQNS



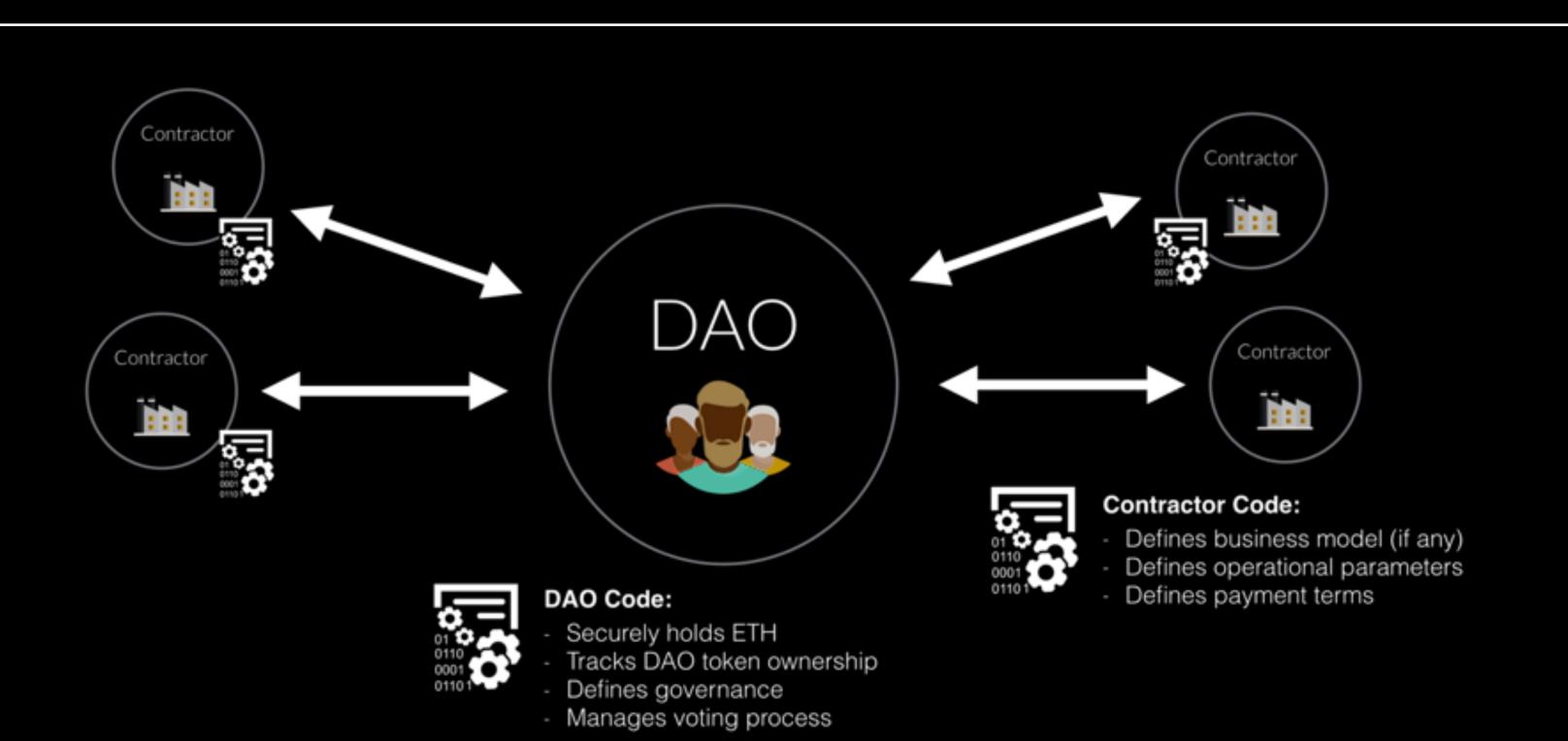
## Decentralized Autonomous Organisations

- AUTONOMOUS
- SELF-SUFFICIENT
- CAPABLE OF REPRODUCING

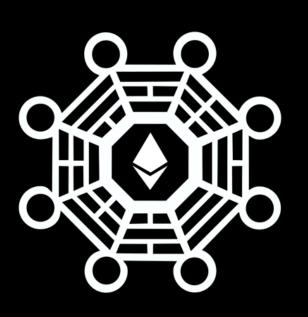


#### DECENTRALIZED AUTONOMOUS ORGANISATION

- INVEST INTO A VARIETY OF PROJECTS
- TO BENEFIT ITS MEMBERS OR GET A RETURN ON INVESTMENT



# Blockchain-based UFEFORM?



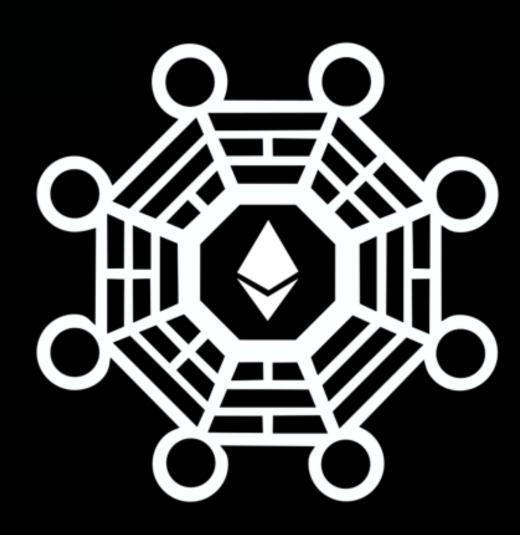
- AUTONOMOUS
  - LEADERLESS MANAGEMENT
  - Governance defined by Code

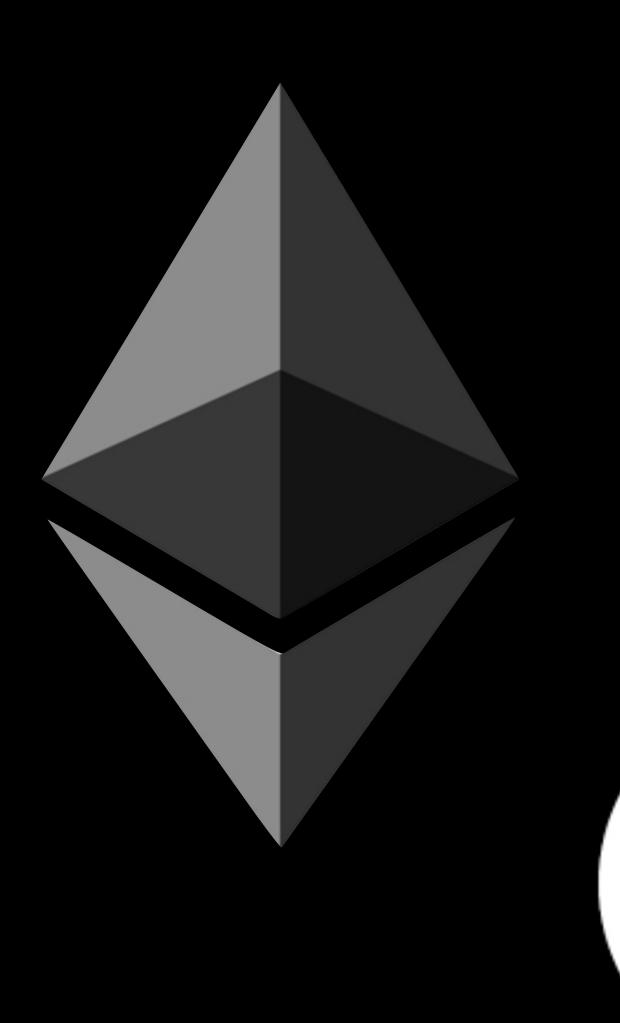
- SELF-SUFFICIENT
  - COLLECT FUNDS NECESSARY TO OPERATE
     (OVER \$150 MILLIONS IN CROWD-SALE)

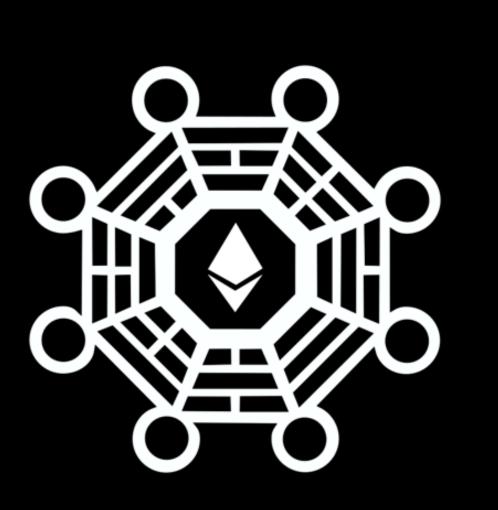
- CAPABLE OF REPRODUCING
- Model can be forked & replicated to give life to a variety of different DAOs



### Olontoid





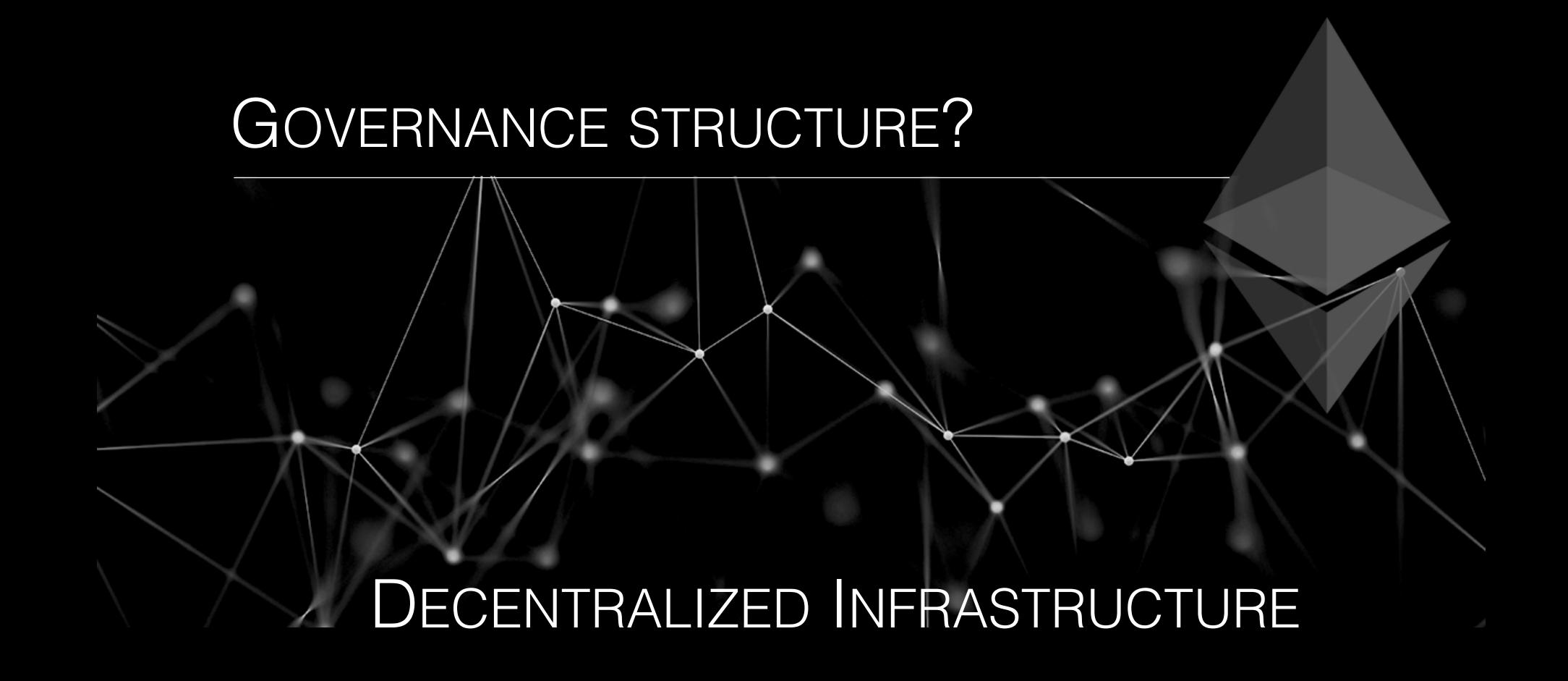


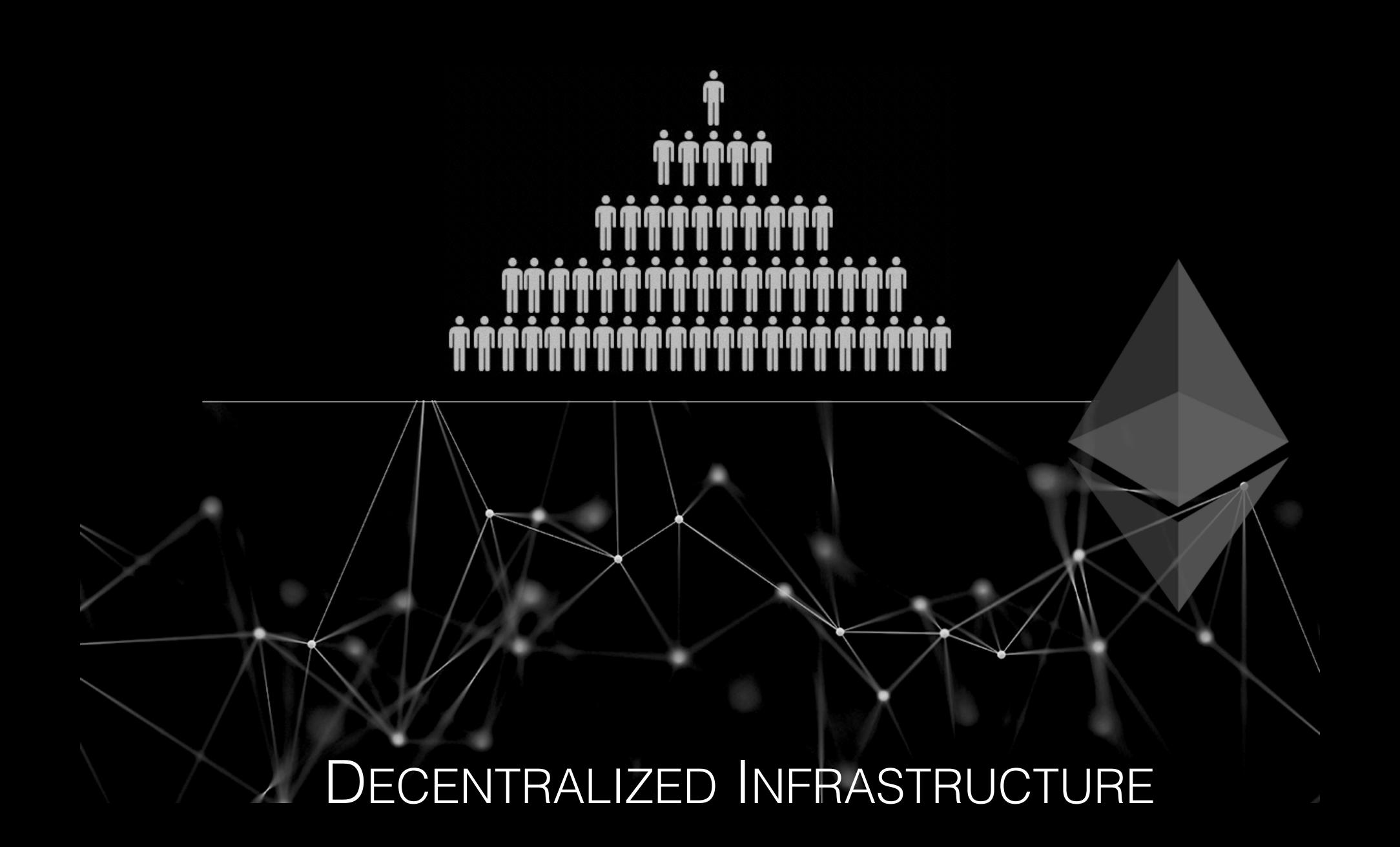




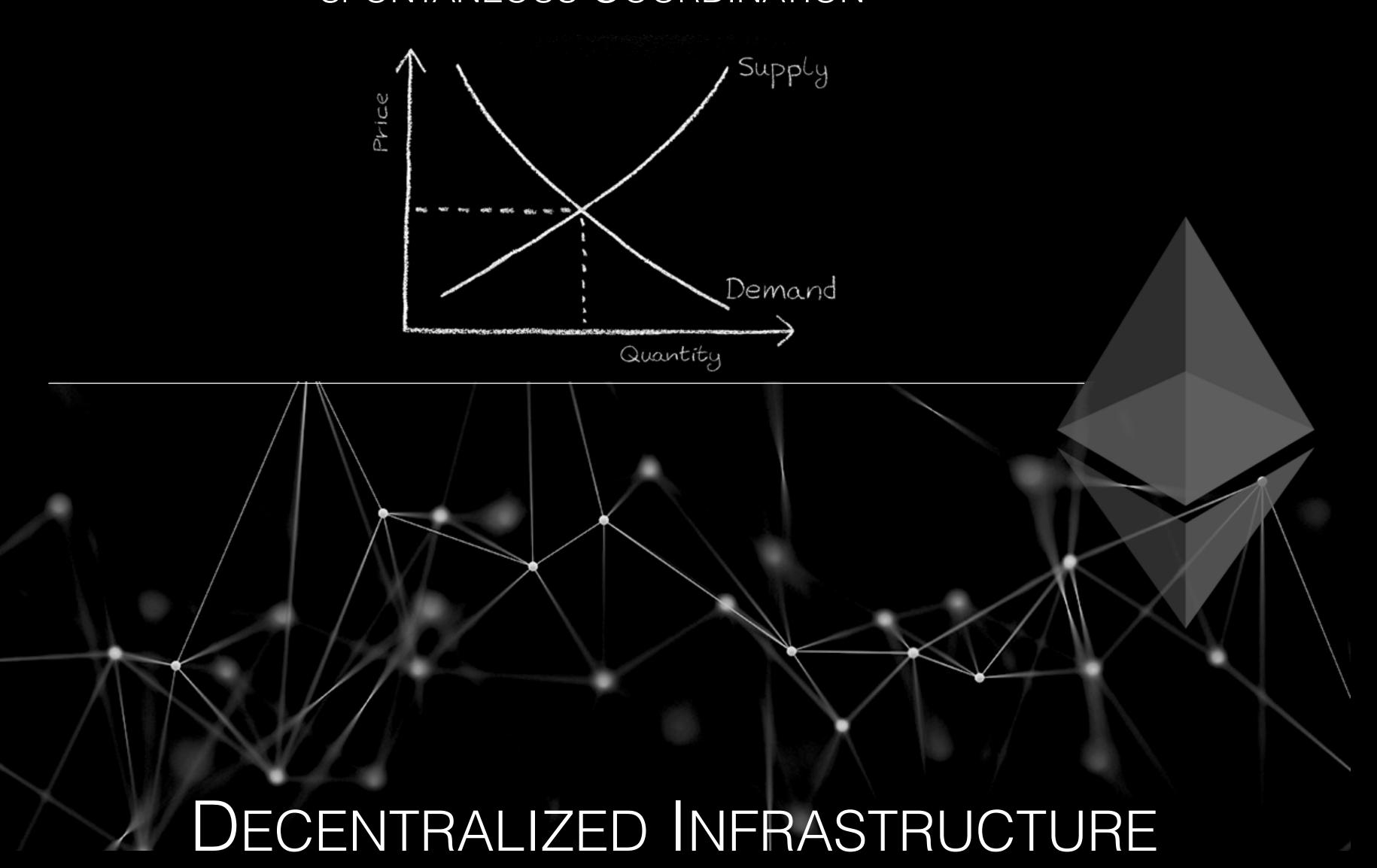


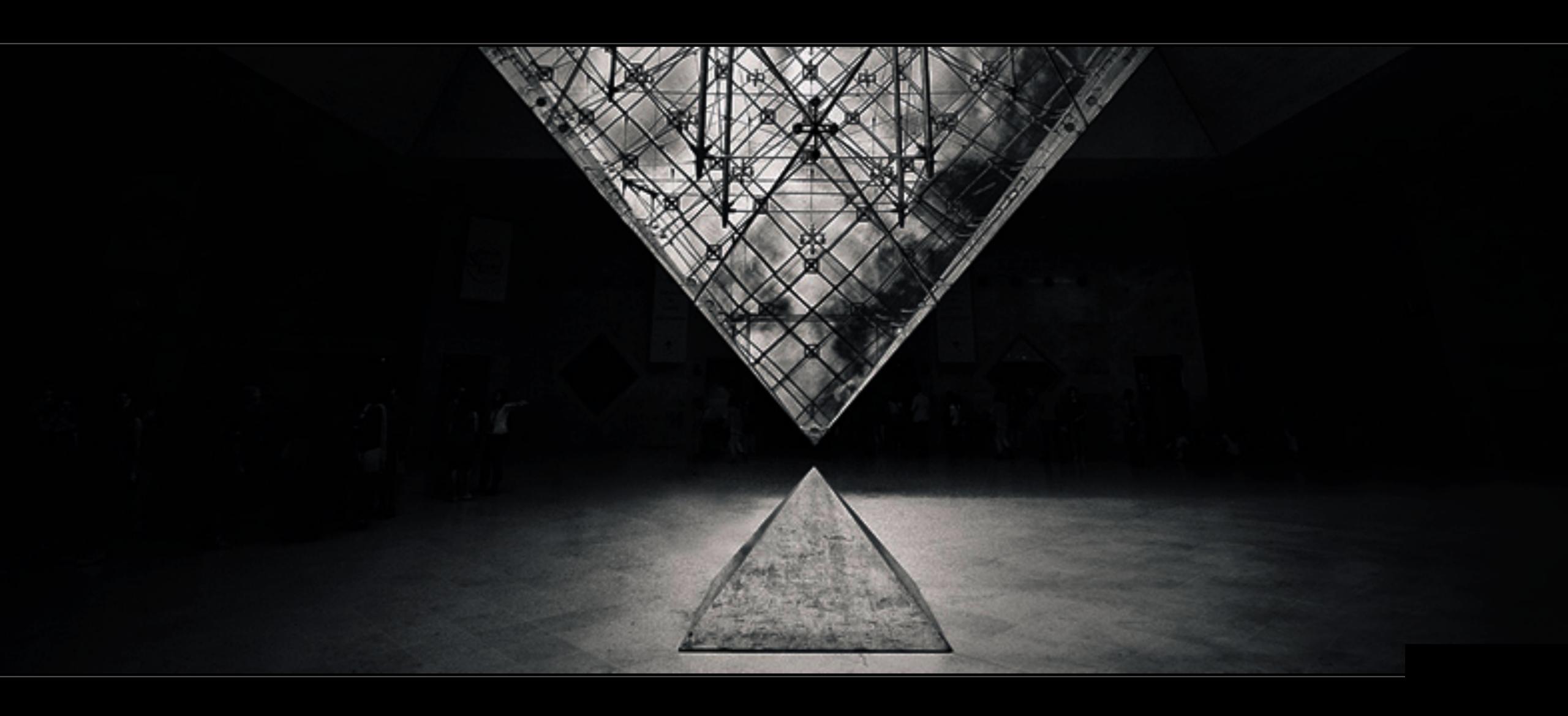






### FREE MARKET SPONTANEOUS COORDINATION

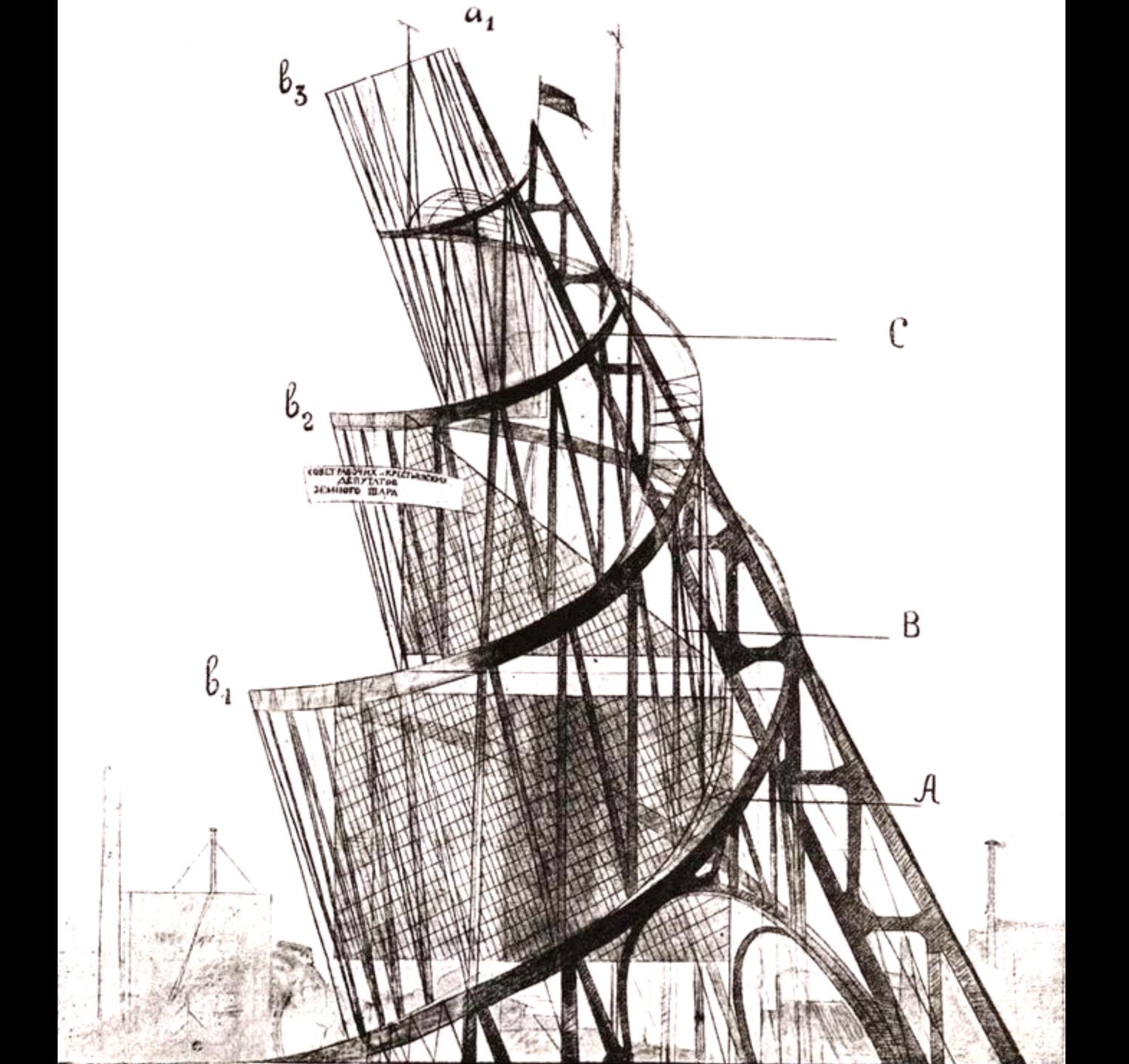




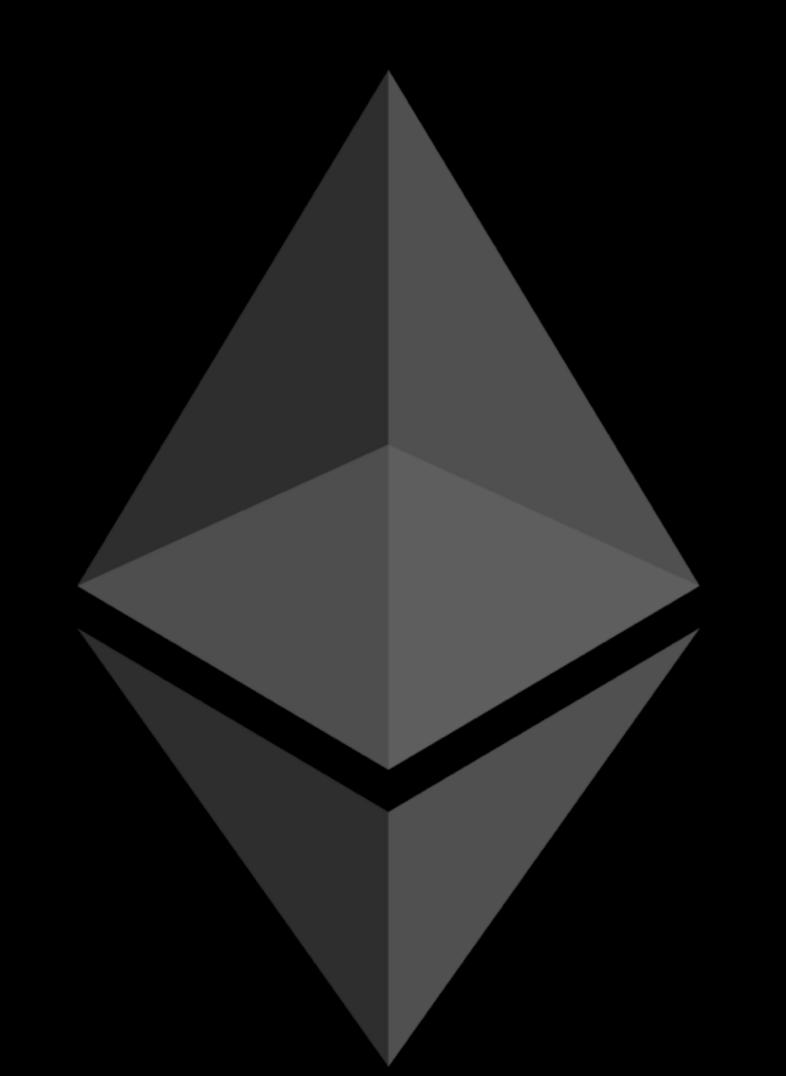
#### DECENTRALIZED INFRASTRUCTURE



# STRUCTURELESSNESS THE TYRANNY OF



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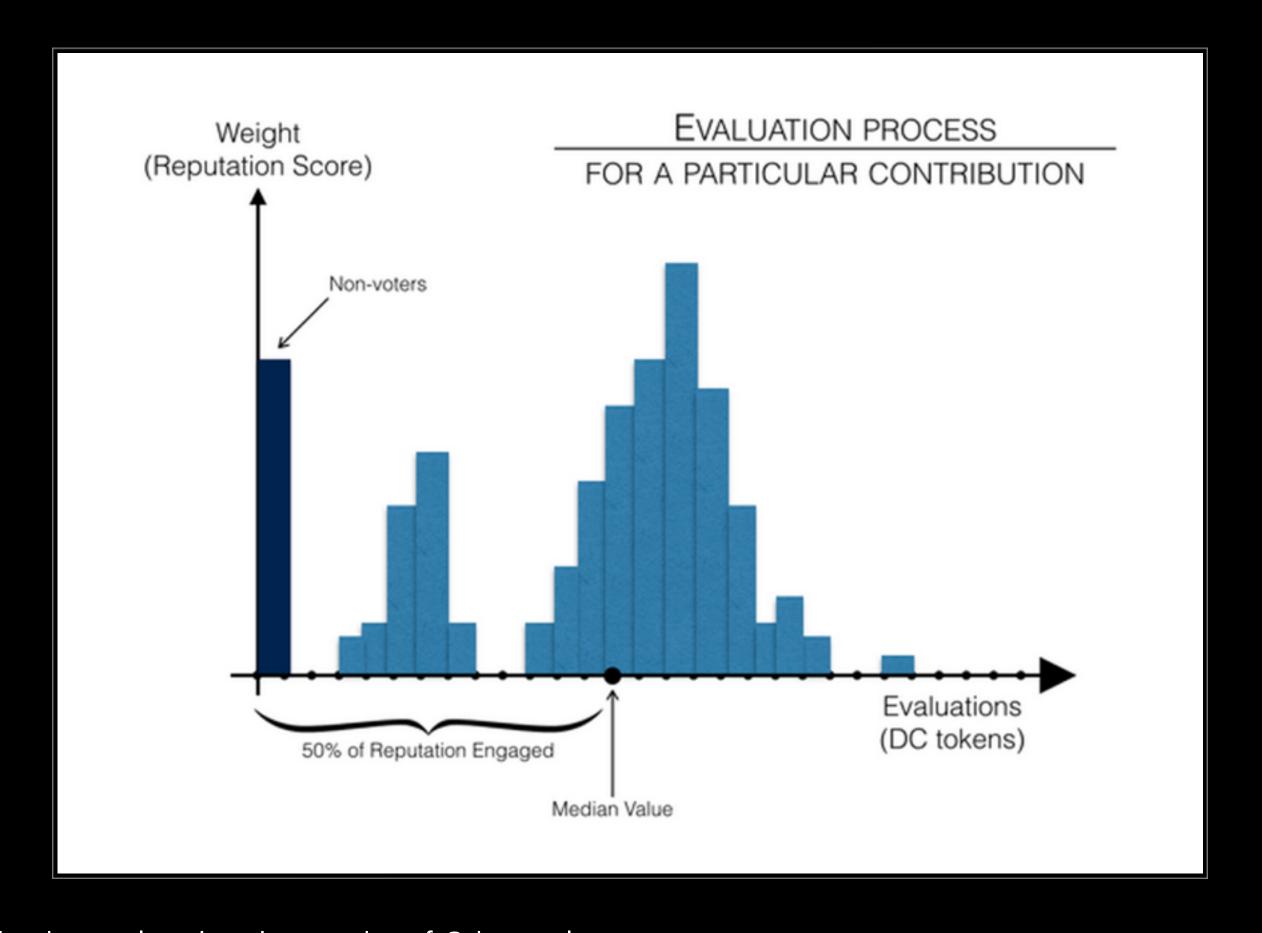
## DISTRIBUTED GOVERNANCE SYSTEM FOR DECENTRALIZED ORGANISATIONS



ECONOMIC REWARDS: PROOF OF VALUE



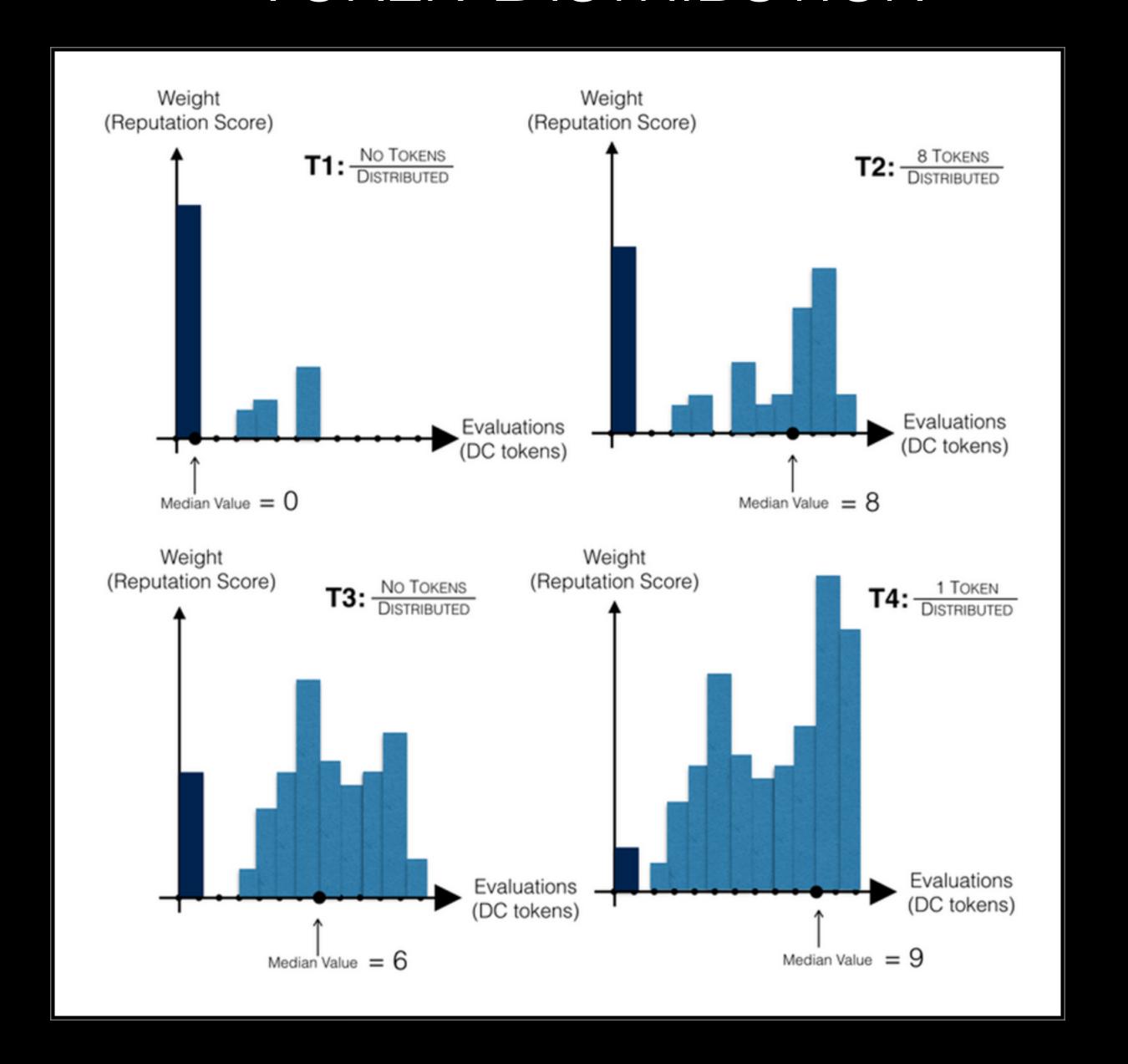
#### TOKEN DISTRIBUTION



Each evaluation is made of 3 key elements:

- Evaluation (in tokens) of the contribution under evaluation
- Reputation of the evaluator that determines the weight of her vote
- Reputation at stake, as a fraction of the evaluator's reputation

#### TOKEN DISTRIBUTION



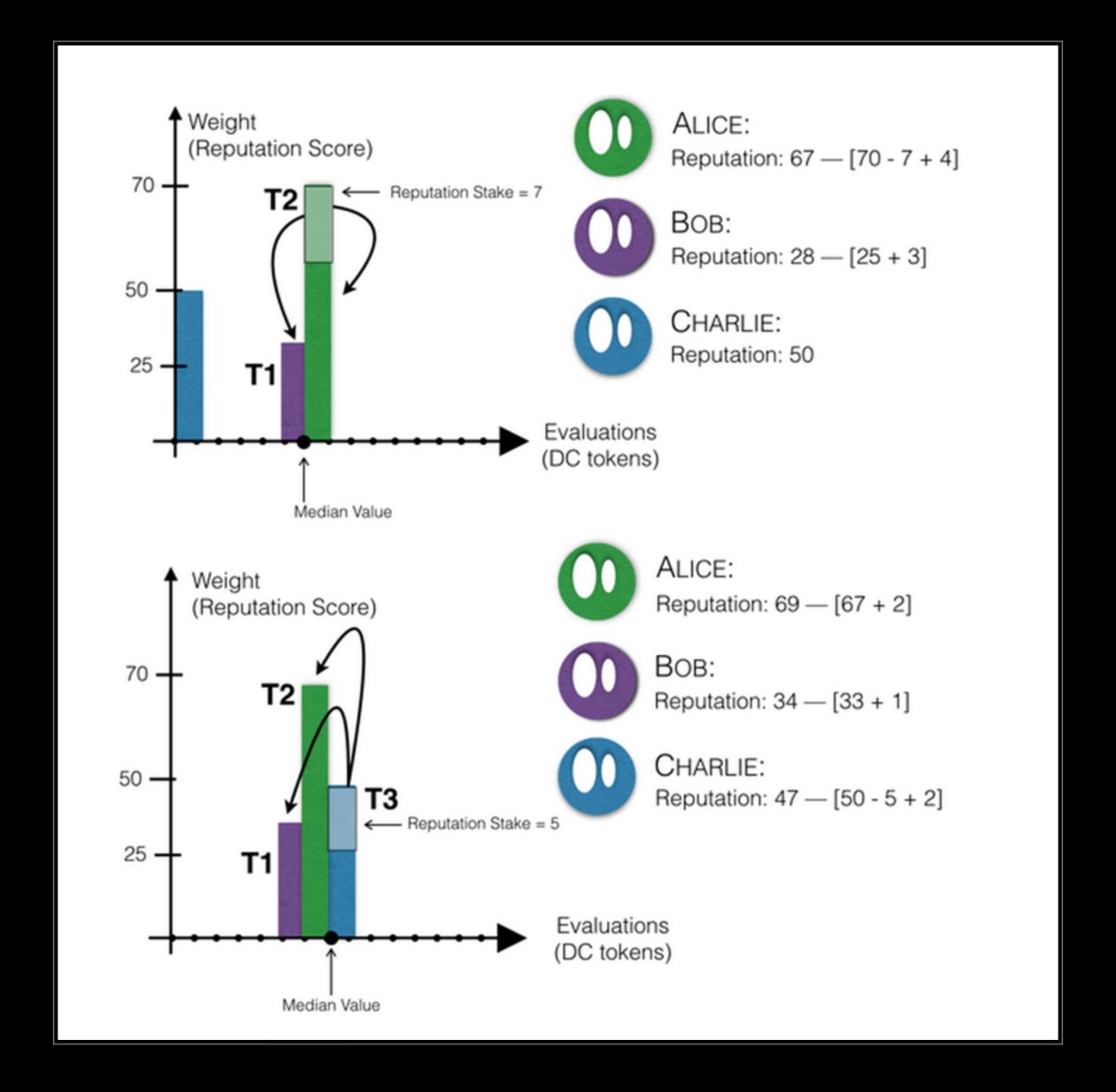


ECONOMIC REWARDS: PROOF OF VALUE

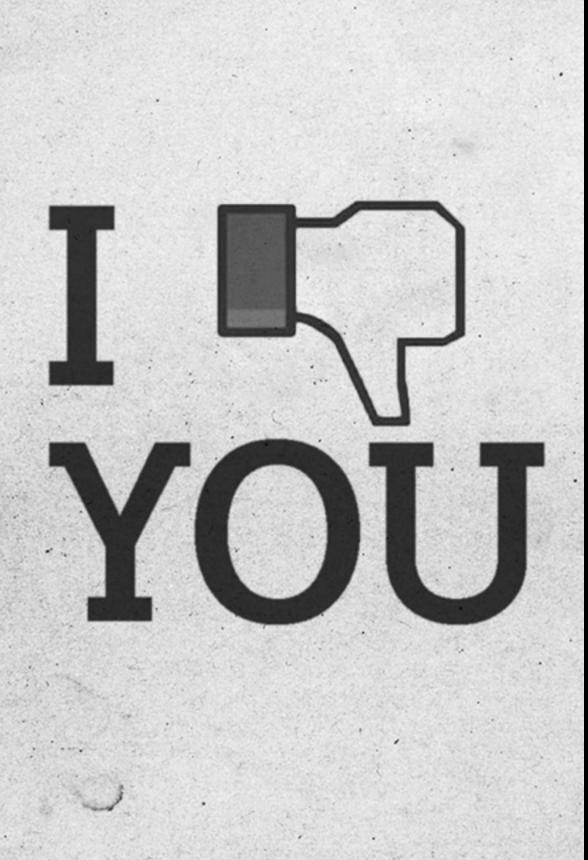
DISTRIBUTED GOVERNANCE:
REPUTATION SYSTEM



#### REPUTATION SYSTEM







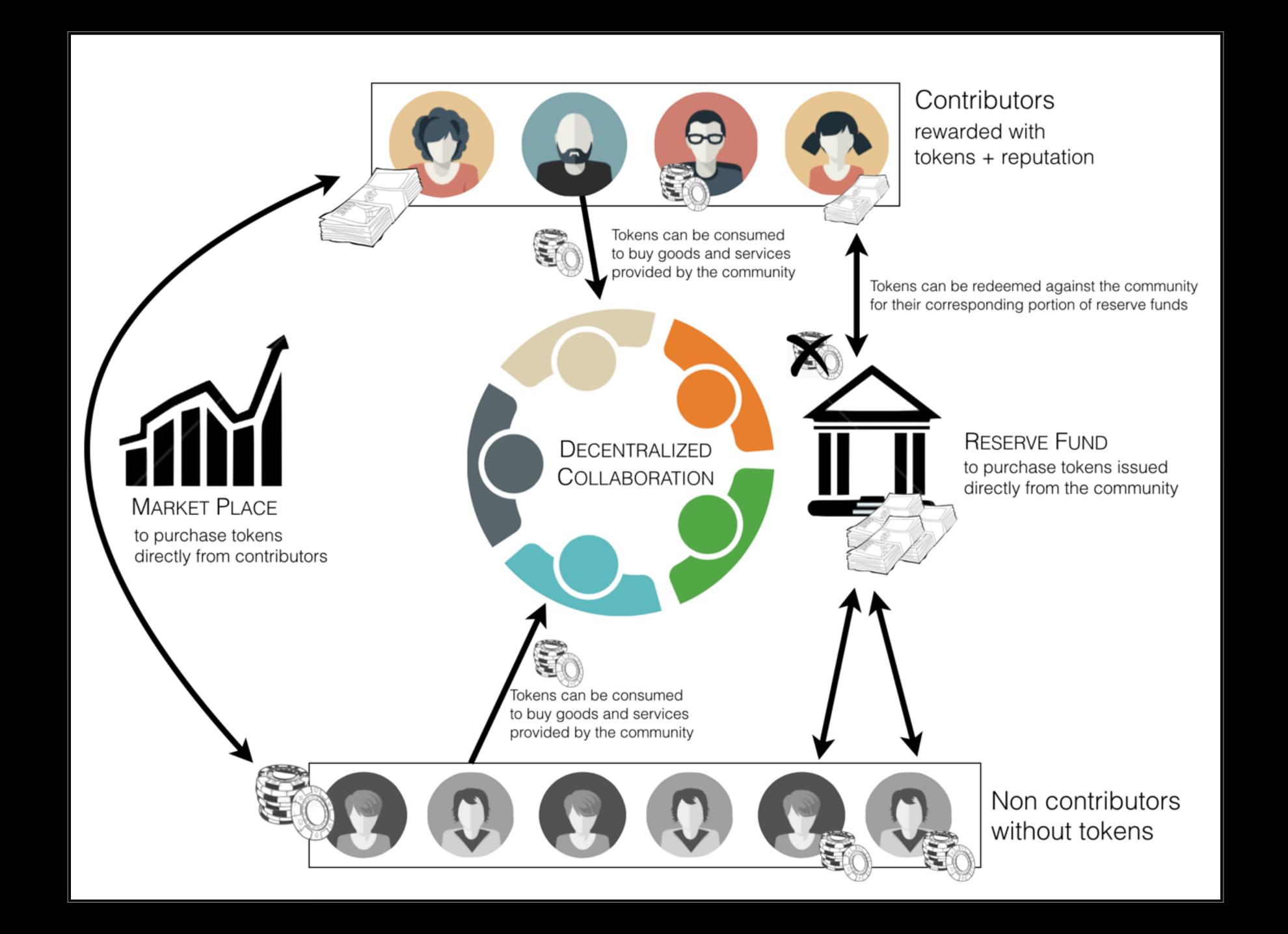


ECONOMIC REWARDS: PROOF OF VALUE

REPUTATION SYSTEM

TED GOVERNANCE: NEW ECONOMIC MODEL: ALTERNATIVE ECONOMIES







#### DYNAMIC STRUCTURE

# MERITOCRATIC & AGILE ORGANISATIONS



## MULTIPLICITY OF VALUE SYSTEMS

# INDIRECT COORDINATION



Plants need bees to reproduce themselves.. Plantoids need humans.. Send Bitcoin to the Plantoid, so it can hire an artist to replicate itself ...

BTC



1KeC1r814Umkwap1KJRWsC8XzHig8NqqmZ

0xa4b4559399C6f3172c684f8adb0C3e4998DcB95A

http://okhaos.com/plantoids