

# A NATIVE STABLECOIN

on-chain coin supply control mechanism

WHAT IS THE MONEY?

# WHAT IS THE MONEY?

- Collectible item

# WHAT IS THE MONEY?

- Collectible item
- Medium of exchange

# WHAT IS THE MONEY?

- Collectible item
- Medium of exchange
- Store of value

# WHAT IS THE MONEY?

- Collectible item
- Medium of exchange
- Store of value
- Means of payment

# WHAT IS THE MONEY?

- Collectible item
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- Store of value
- Means of payment
- Global currency

IS BITCOIN THE MONEY?



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- ~~Means of payment~~
- ~~Global currency~~

WHAT IS THE VALUE OF  
BITCOIN?

# WHAT IS THE VALUE OF BITCOIN?

USD: 6-7%

EUR: 7-9%

JPY: 7-10%

RUB: 10-35%

BTC: 40-120%

# IS BITCOIN THE MONEY?

- Collectible item
- Medium of exchange
- ~~Store of value~~
- ~~Means of payment~~
- ~~Global currency~~

# IS BITCOIN THE MONEY?

- Collectible item
- ~~Medium of exchange~~ ?
- ~~Store of value~~
- ~~Means of payment~~
- ~~Global currency~~

WHAT IS THE  
STABLECOIN?

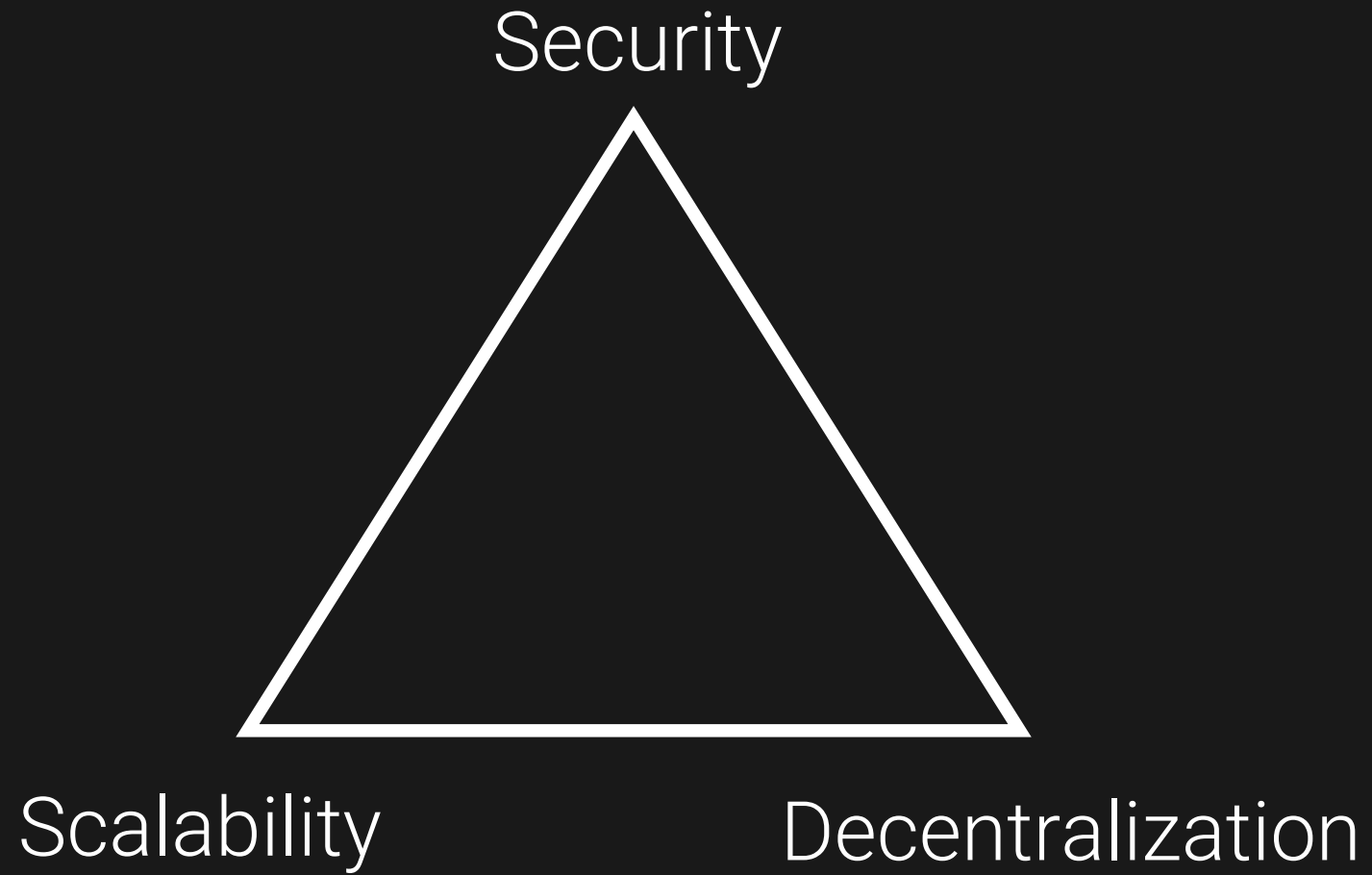


# WHAT IS THE STABLECOIN?

- Collectible item
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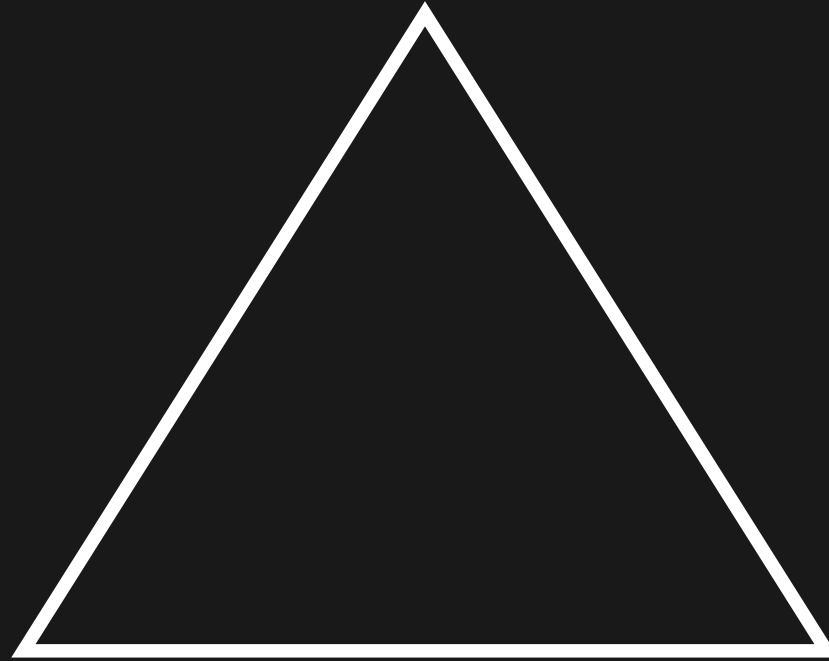
# WHAT IS THE STABLECOIN?

- Collectible item
- Medium of exchange
- Store of value
- Means of payment



\* Vitalik Buterin

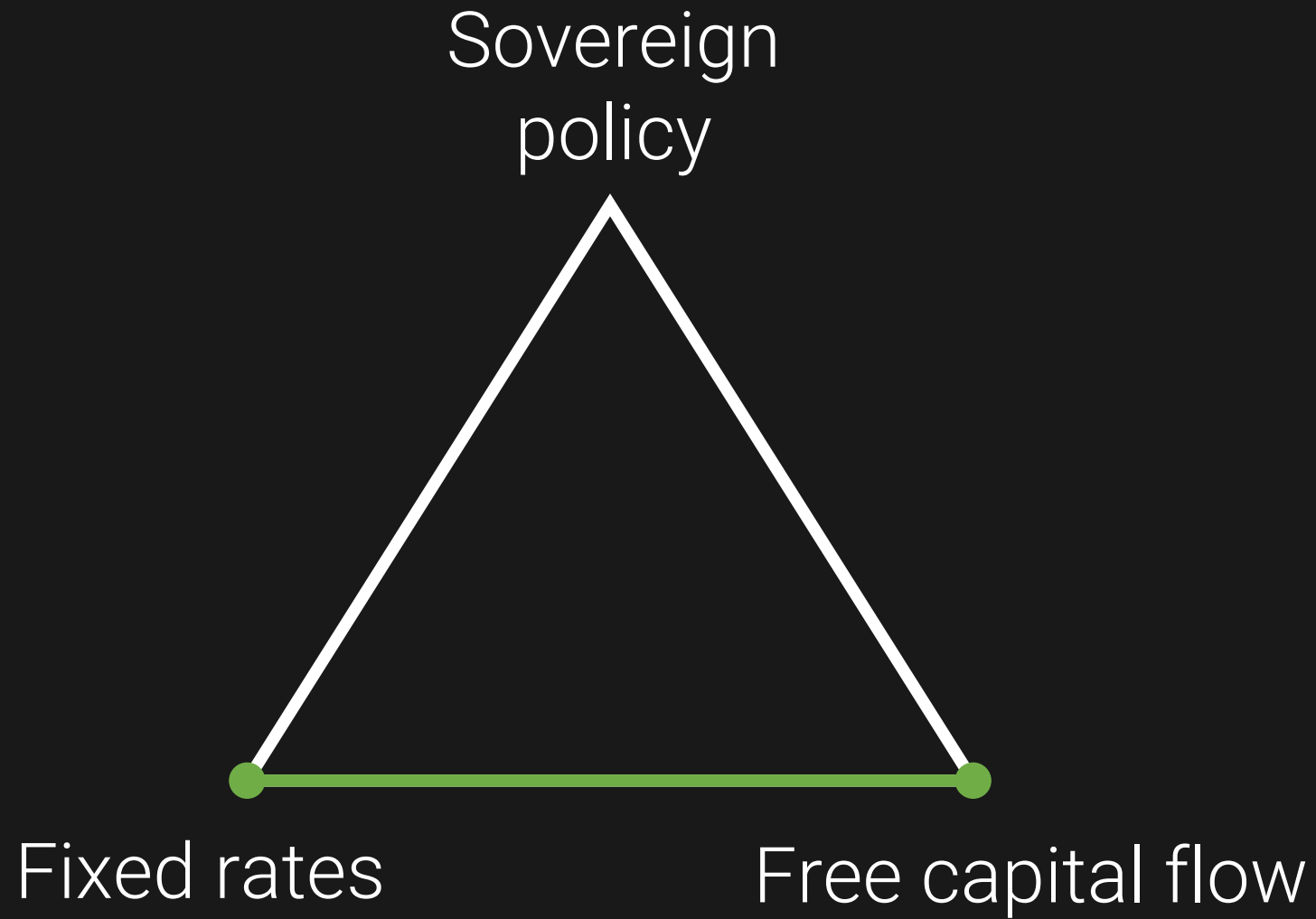
Sovereign  
policy



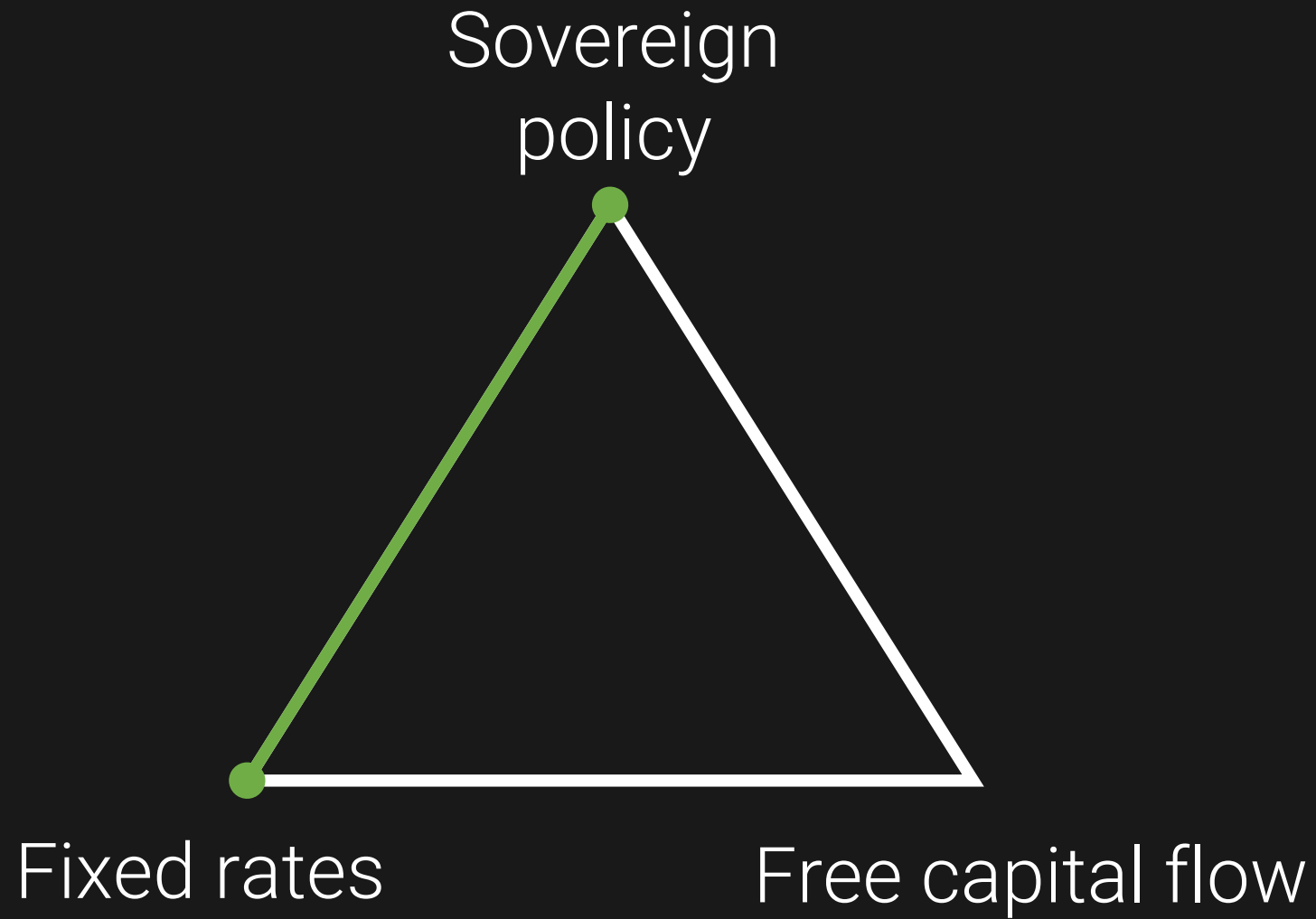
Fixed rates

Free capital flow

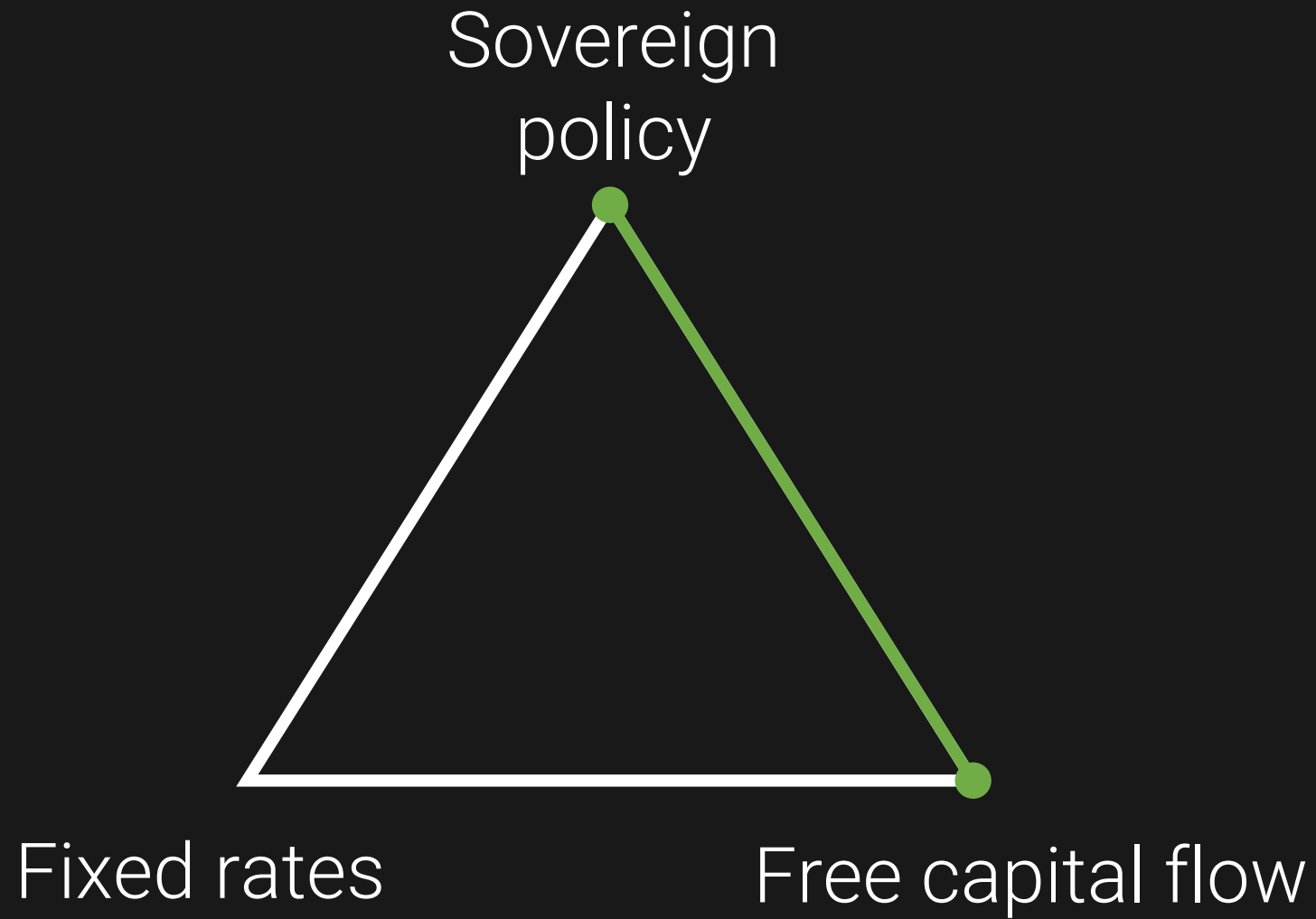
\* Maurice Obstfeld, Alan M. Taylor



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# STABLECOINS



Tether



Paxos



MakerDao



Carbon



# STABLECOINS



Tether



Paxos



MakerDao

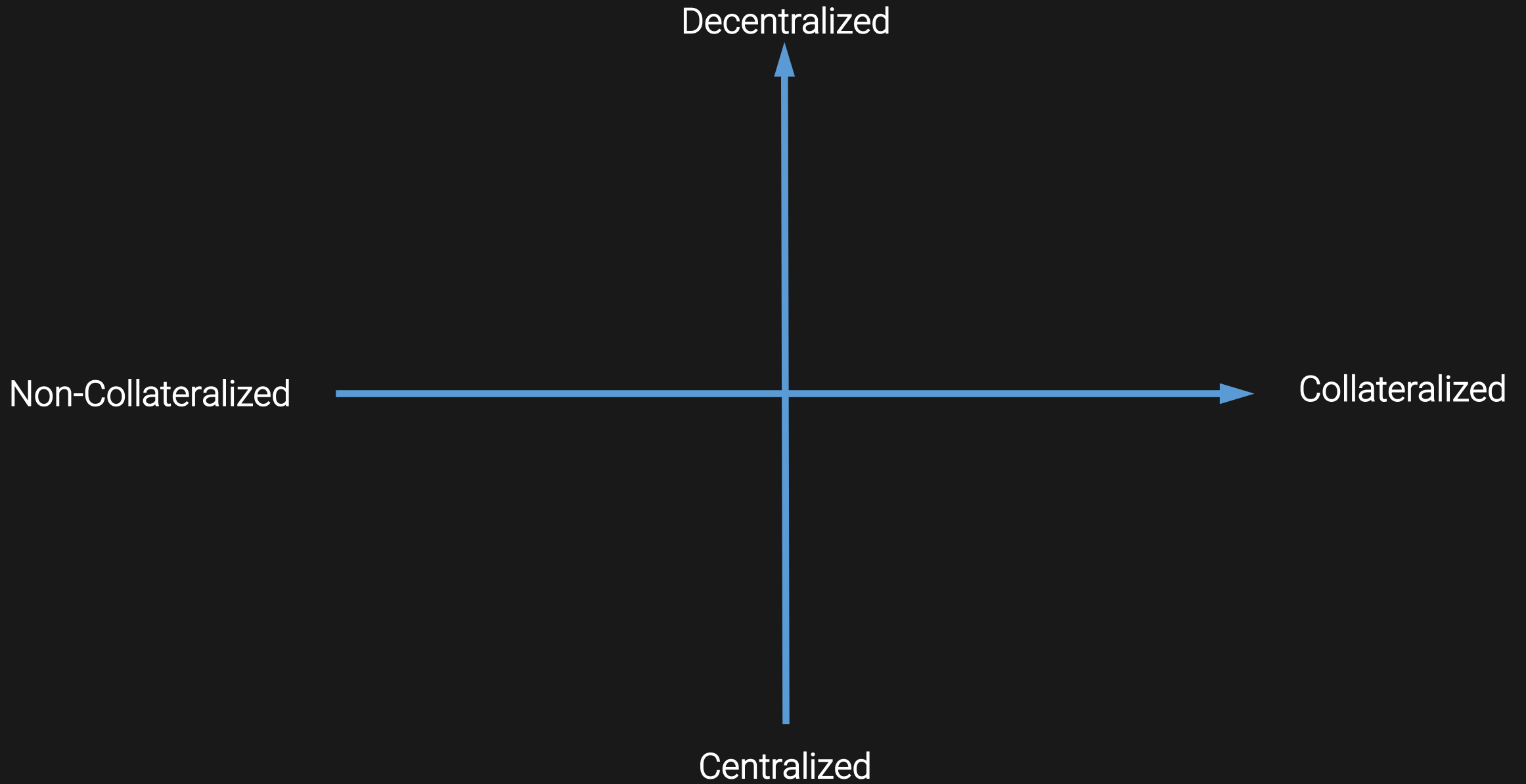


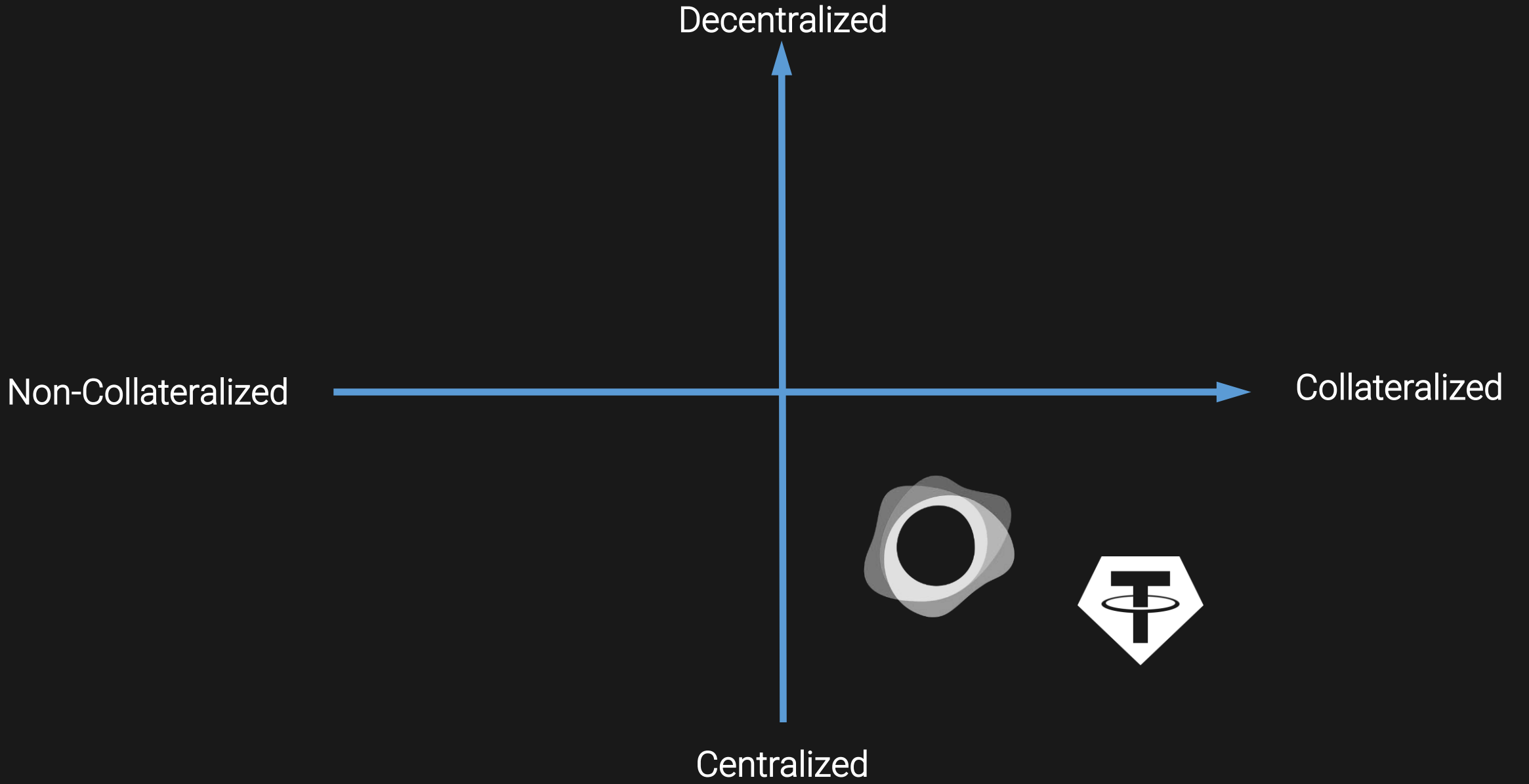
Carbon

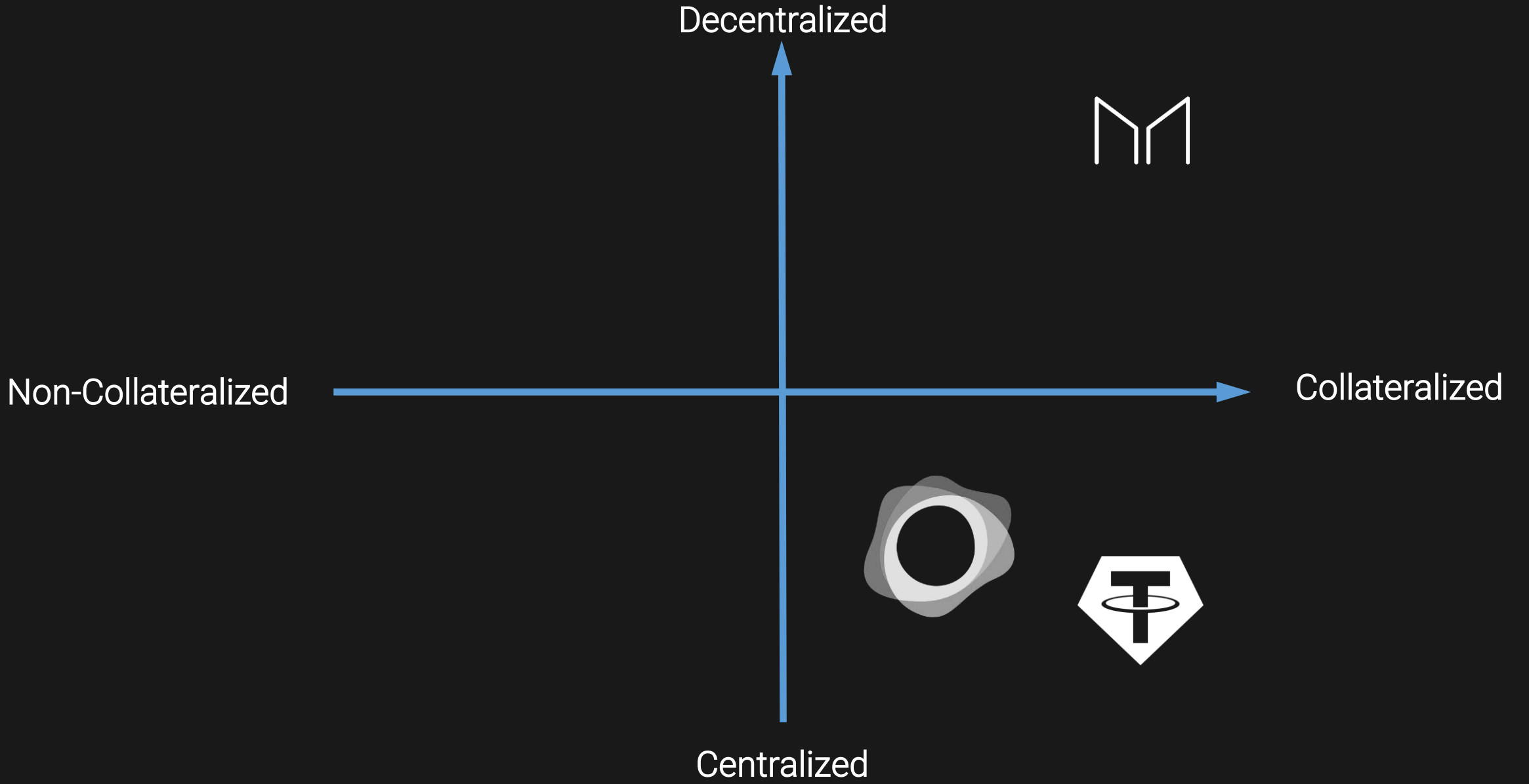
> 50

# WAYS OF CONTROLLING COIN VALUE?

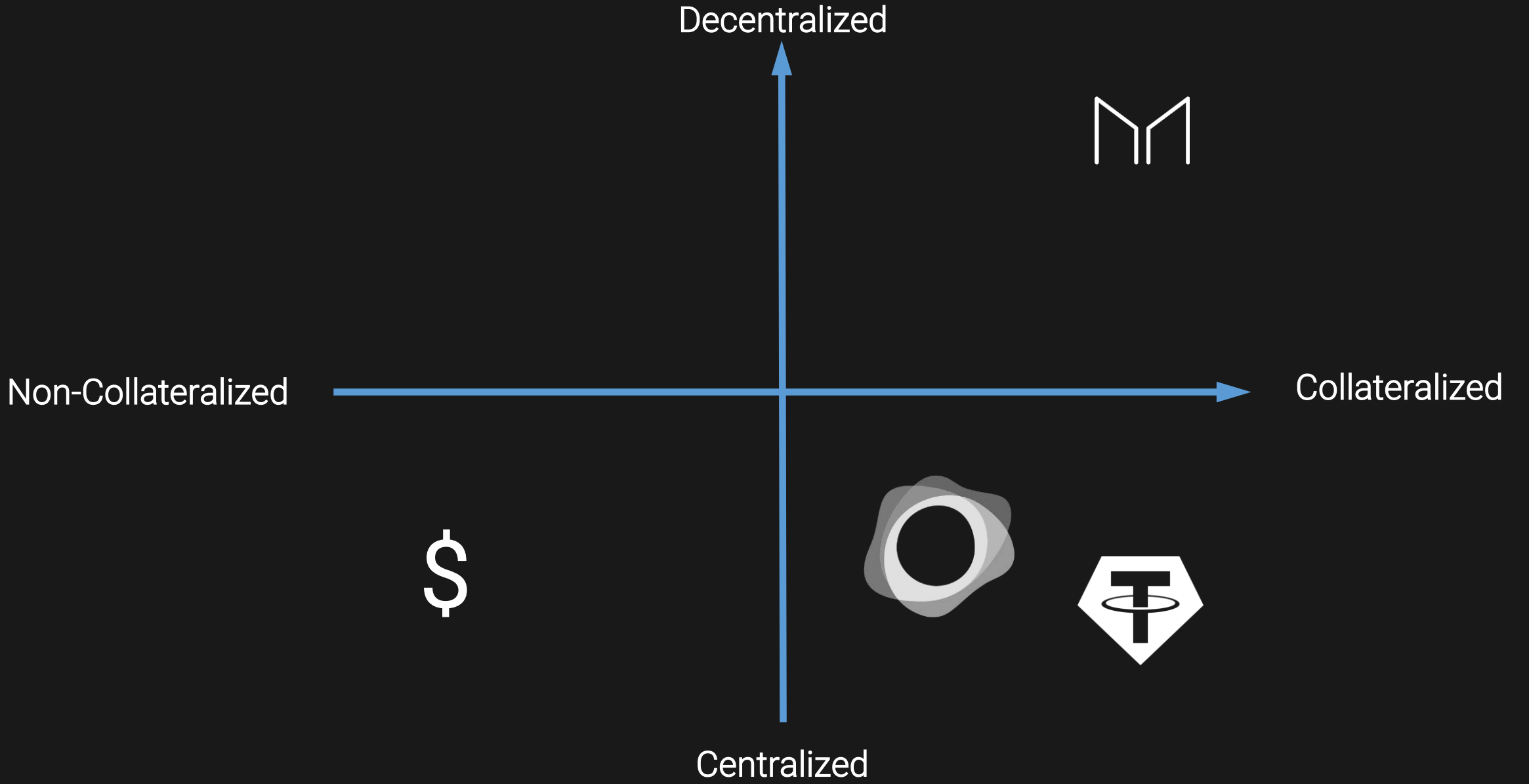
- Centralized vs. Decentralized
- Collateralized vs. Non-Collateralized







WHERE IS THE USD?



Decentralized

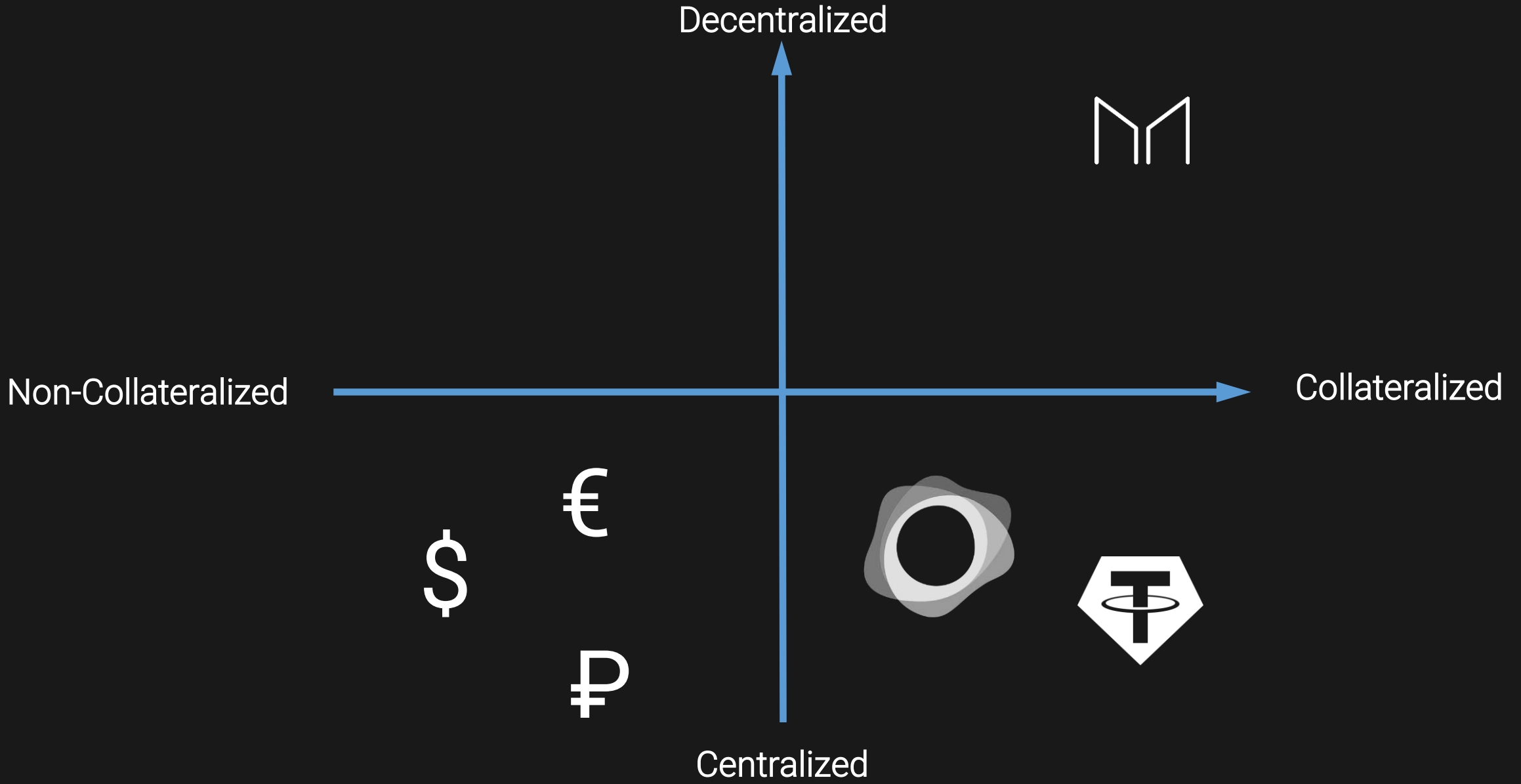


Non-Collateralized

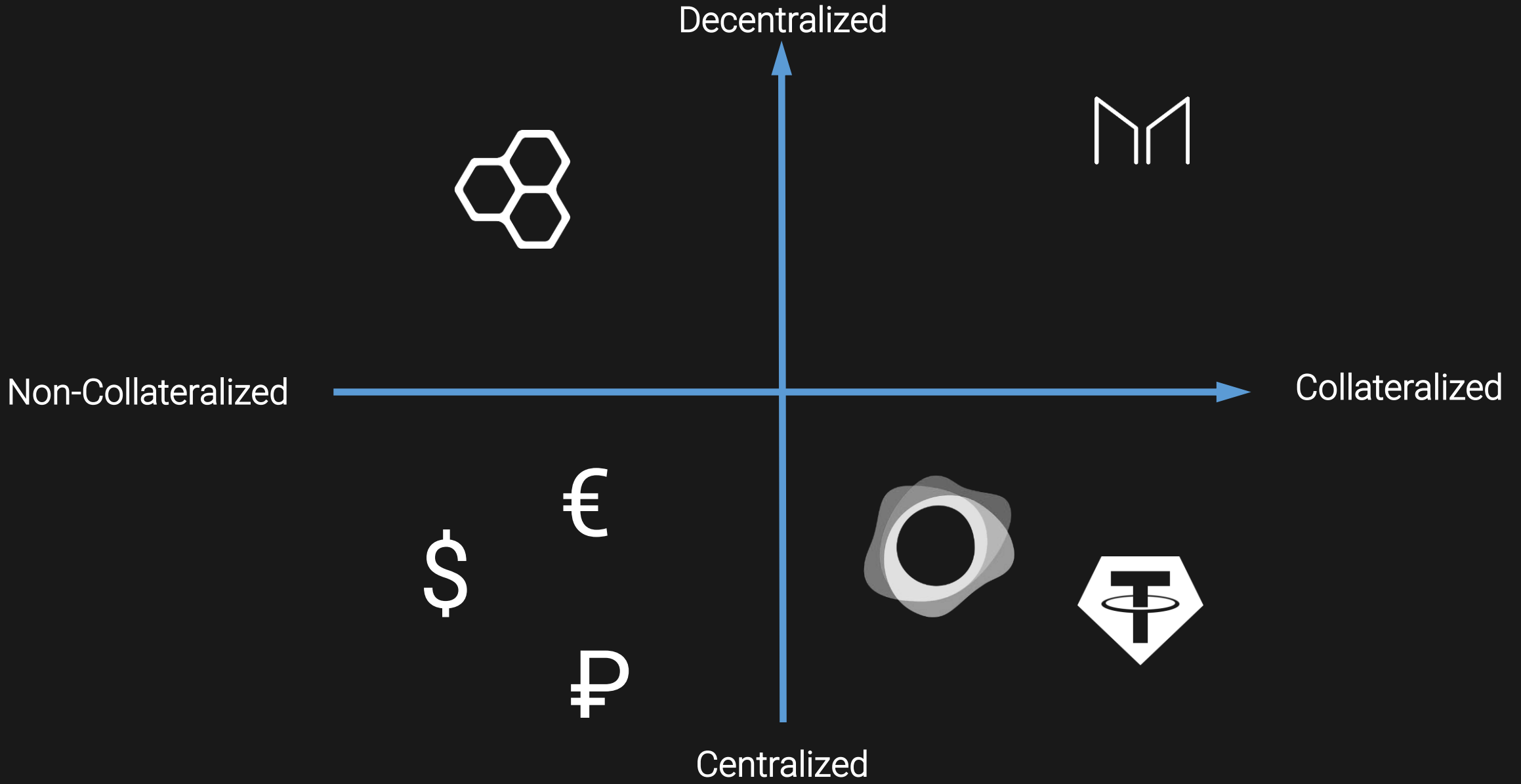
Collateralized



Centralized



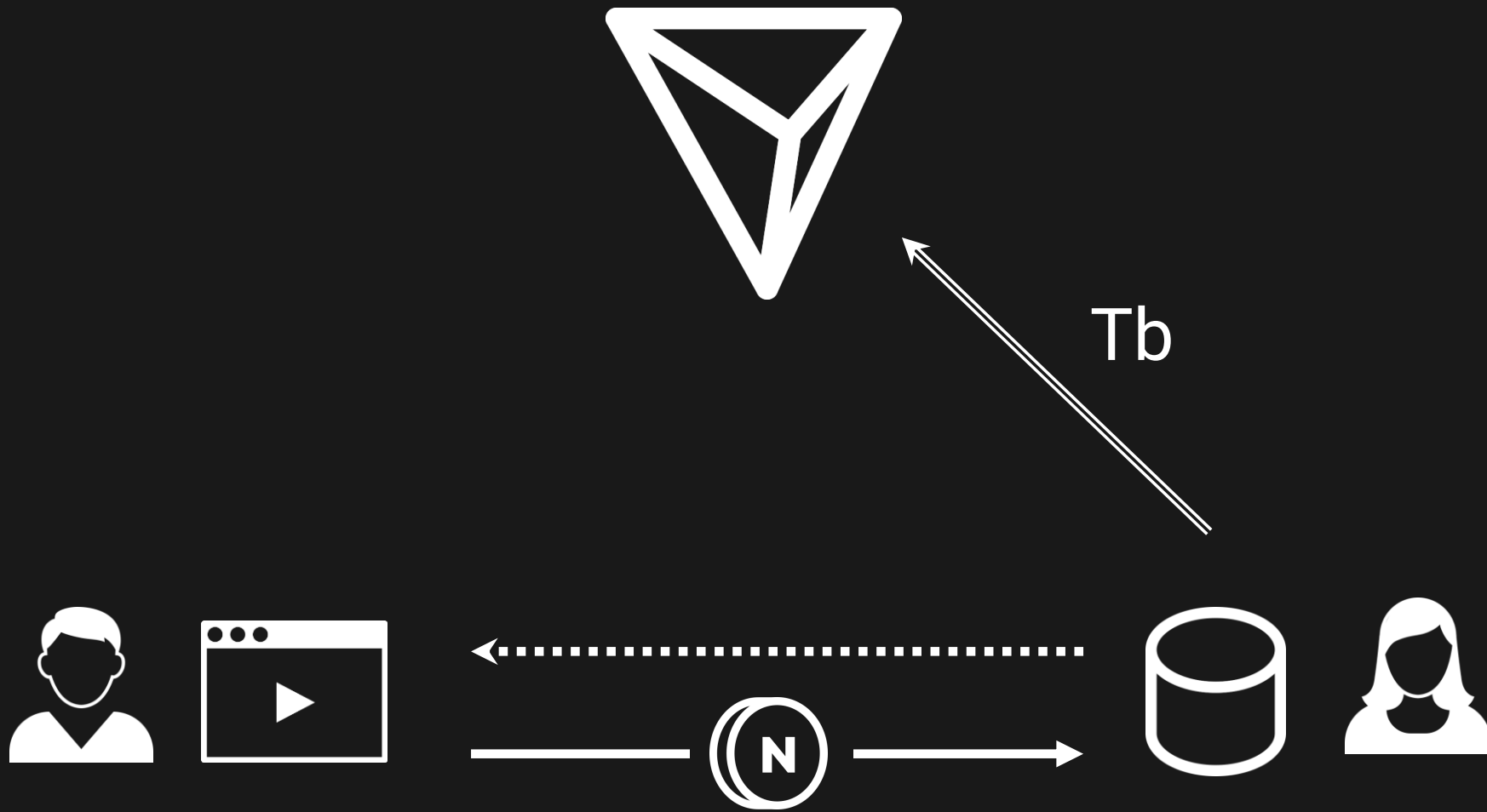




# TELEPORT

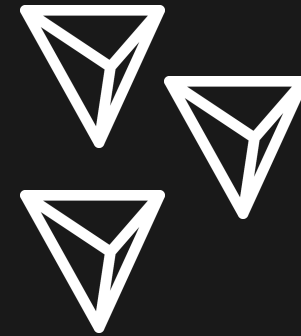
Teleport is a decentralized Content Delivery Network that is built on top of millions of connected devices selling idle bandwidth for crypto currency

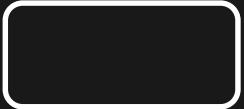
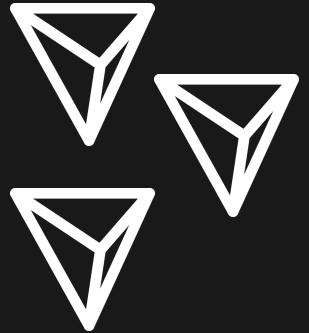
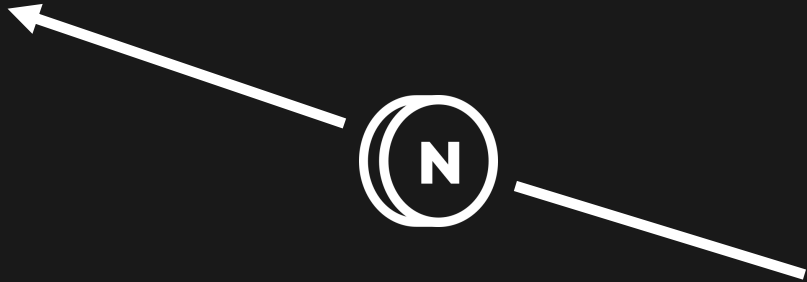






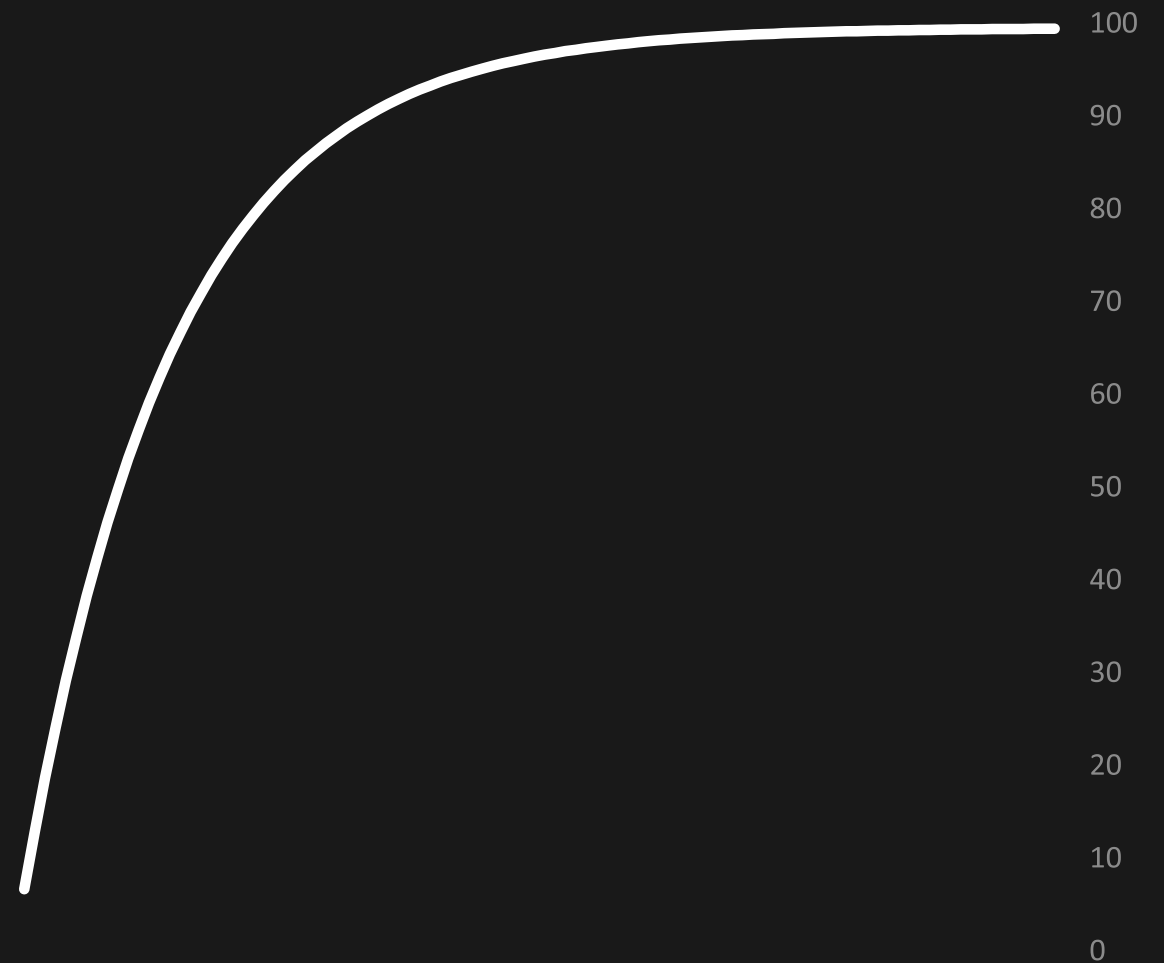
$$\Sigma = X T b$$

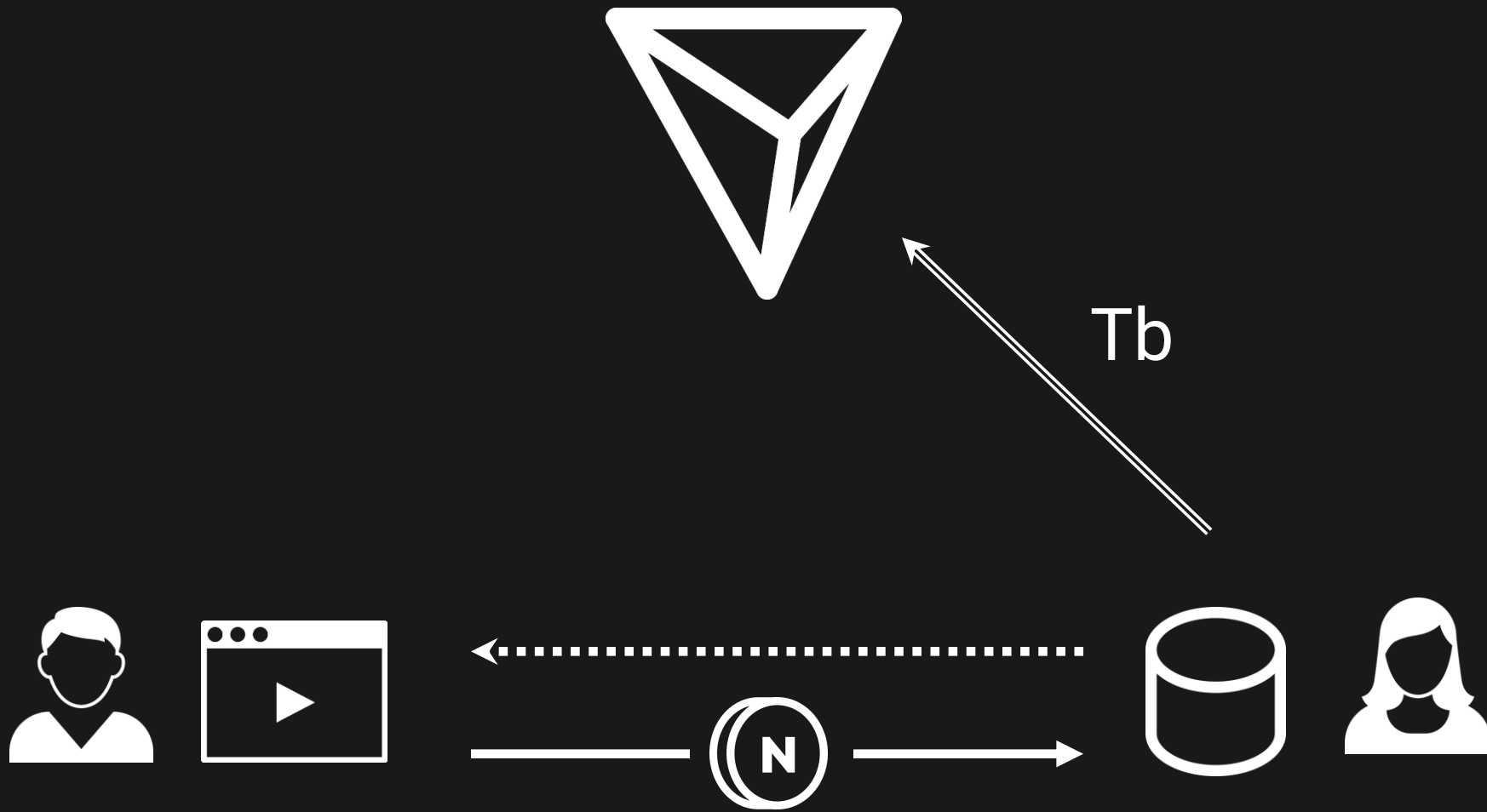




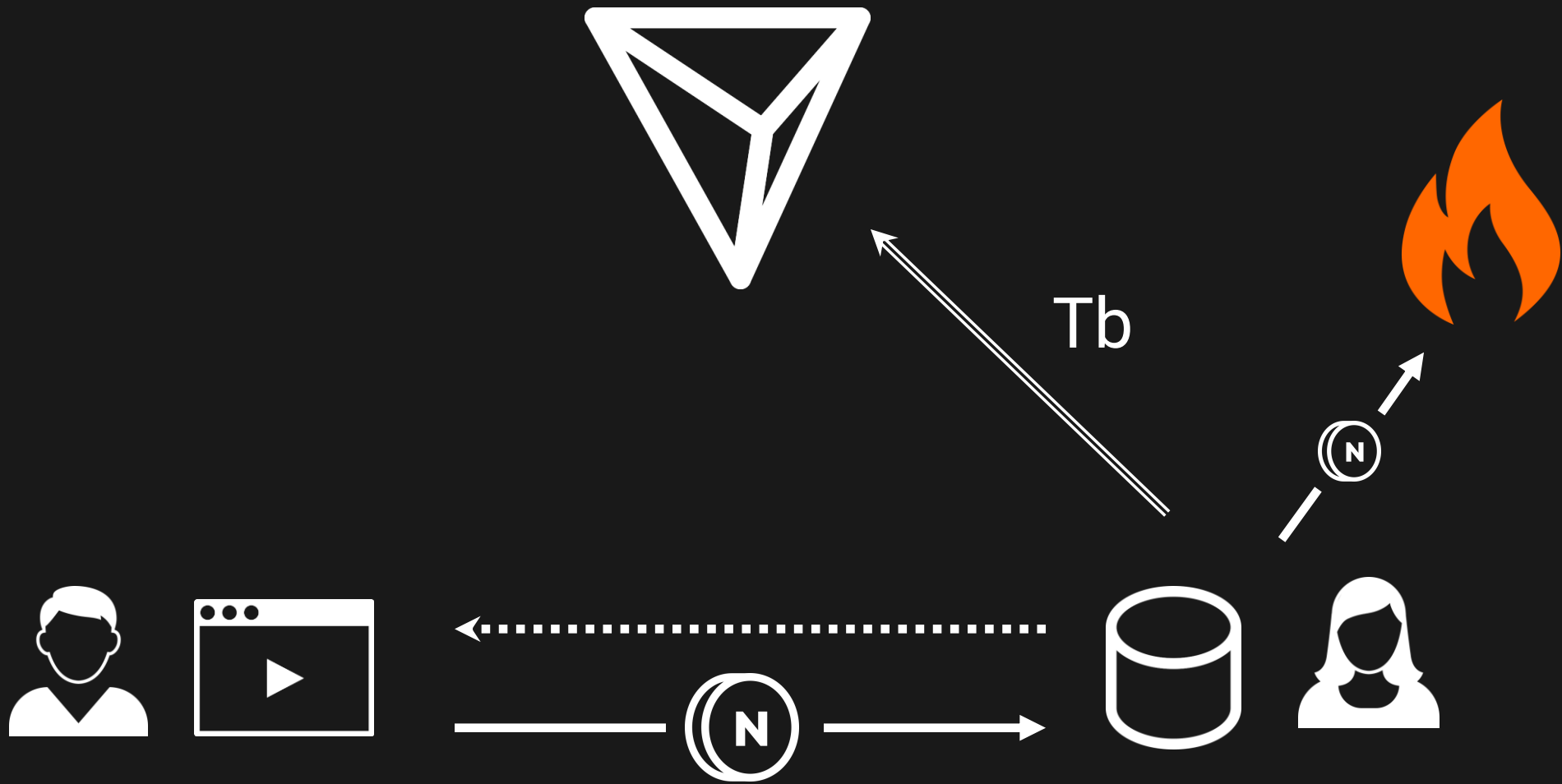
# MINTING

- NDR per X Tb
- Halving







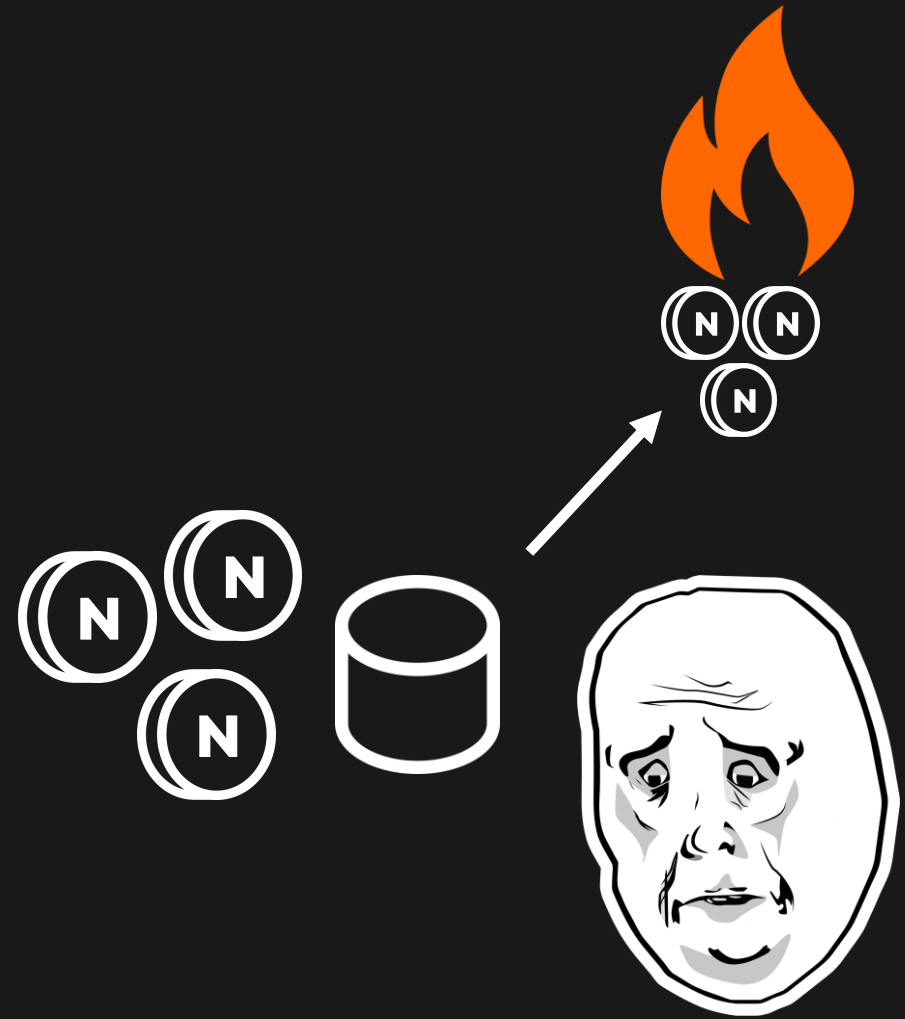


# BURNING

– 10% of payment

# BURNING

– 10% of payment



# EQUILIBRIUM STATE

Each block contain:

- N newly minted coins
- M burnt coins

$$N = M$$

(almost)

WHAT IS THE VALUE OF  
NDR?

# MARKET DEFINE PRICES

- USD per 1 Tb
- USD per 1 NDR

USD / Tb

USD / NDR

USD / Tb

NDR / Tb

USD / NDR



USD / Tb



NDR / Tb

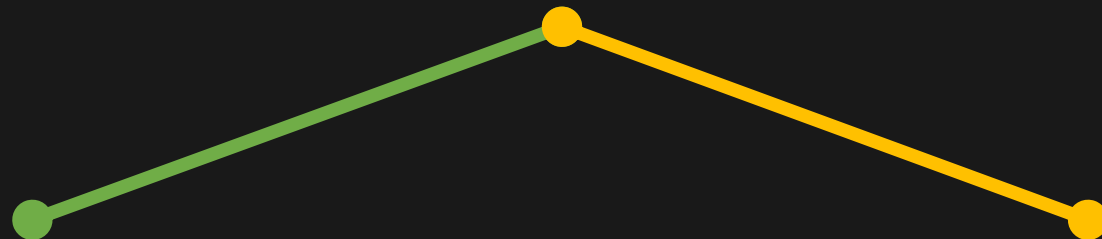


USD / NDR

USD / Tb



NDR / Tb



Equilibrium  
USD / NDR

Market  
USD / NDR

# SELF-BALANCING MECHANISM

Each block contain:

- N newly minted coins
- M burnt coins

$$N < M$$

If NDR price is **lower** than “equilibrium price”:

- **More** coins are paid for Tb
- **More** coins **are burnt** for the same amount of Tb

# SELF-BALANCING MECHANISM

Each block contain:

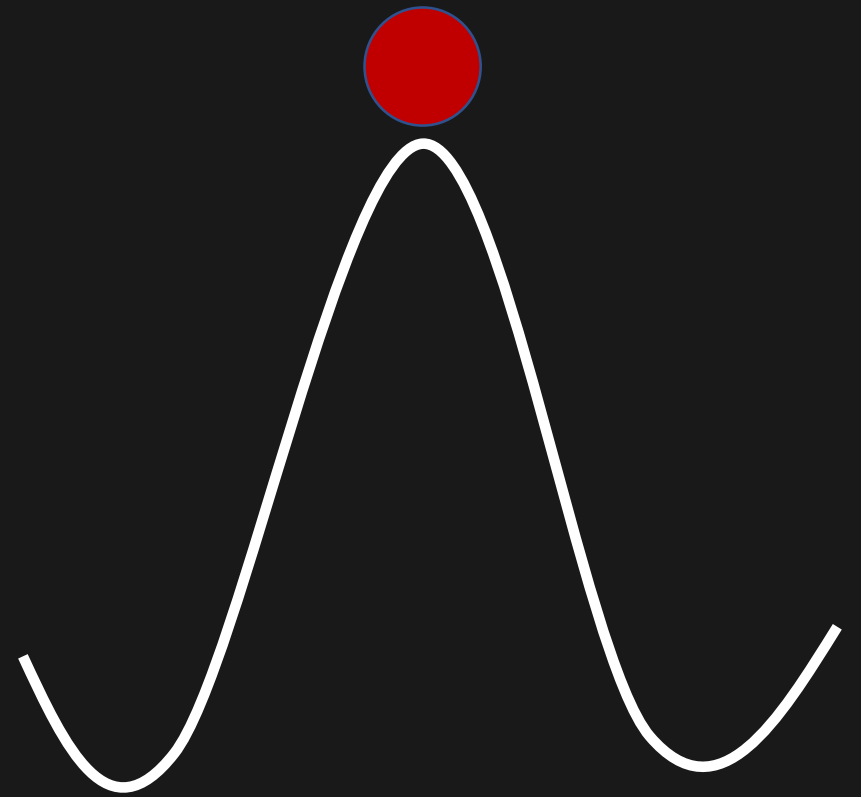
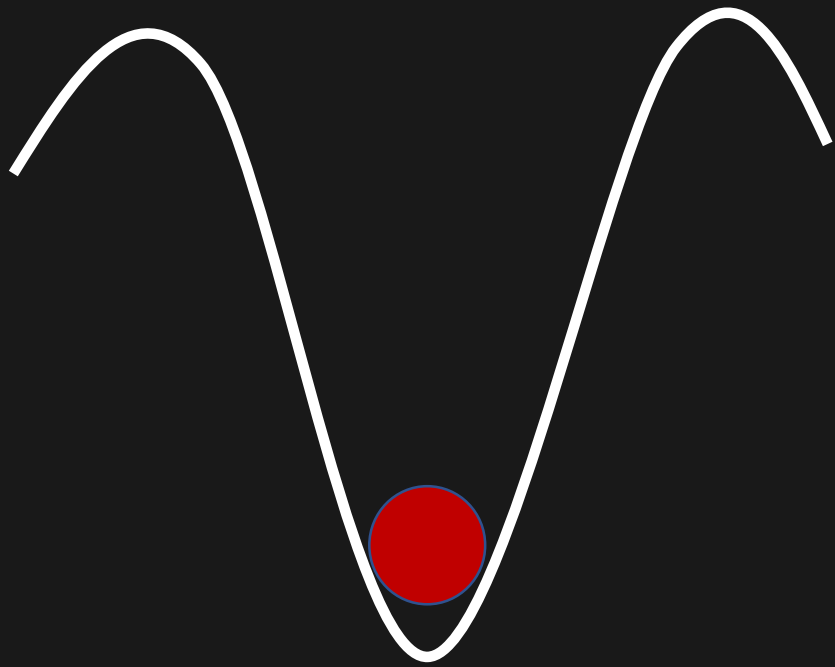
- N newly minted coins
- M burnt coins

$$N > M$$

If NDR price is **higher** than “equilibrium price”:

- **Less** coins are paid for Tb
- **Less** coins **are burnt** for the same amount of Tb

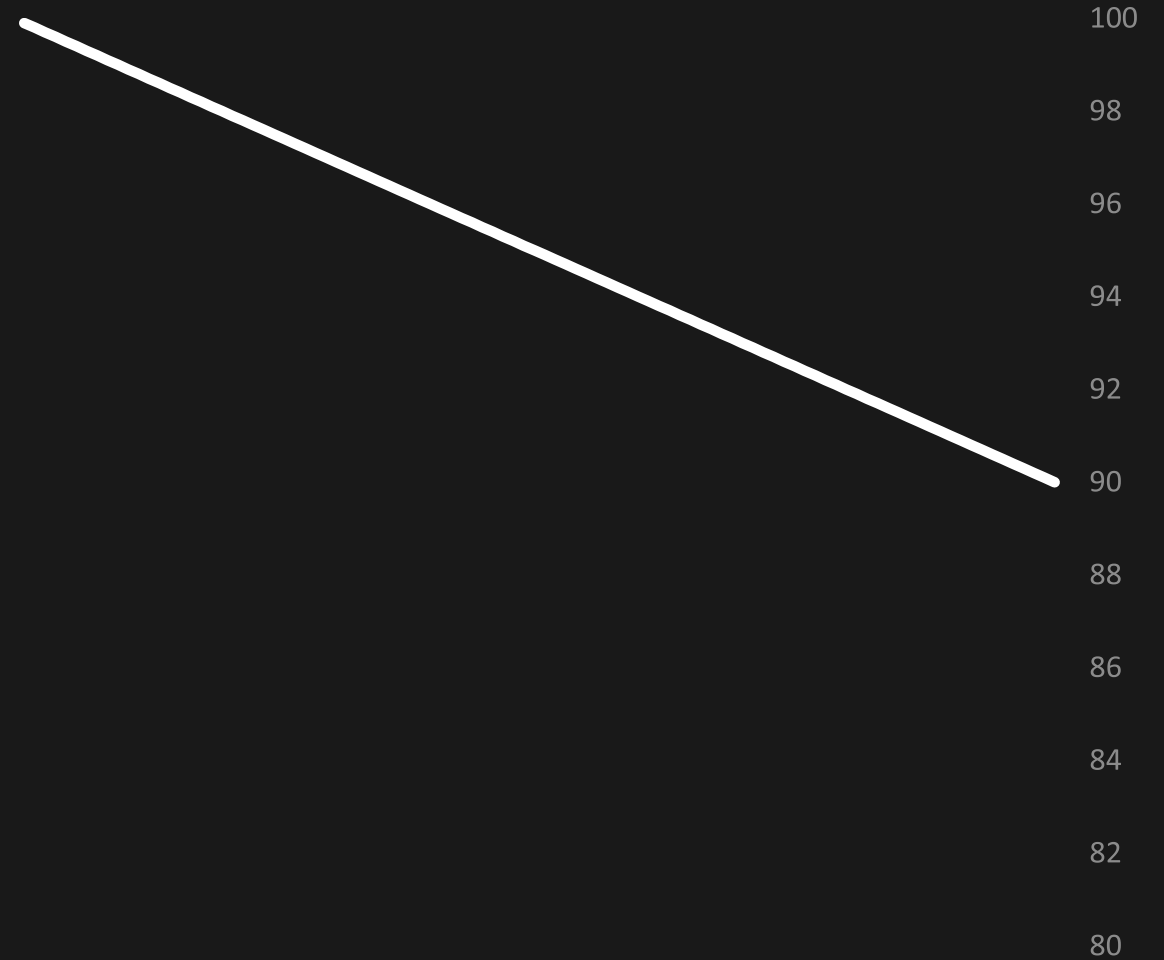




IS NDR / USD RATE  
FIXED?

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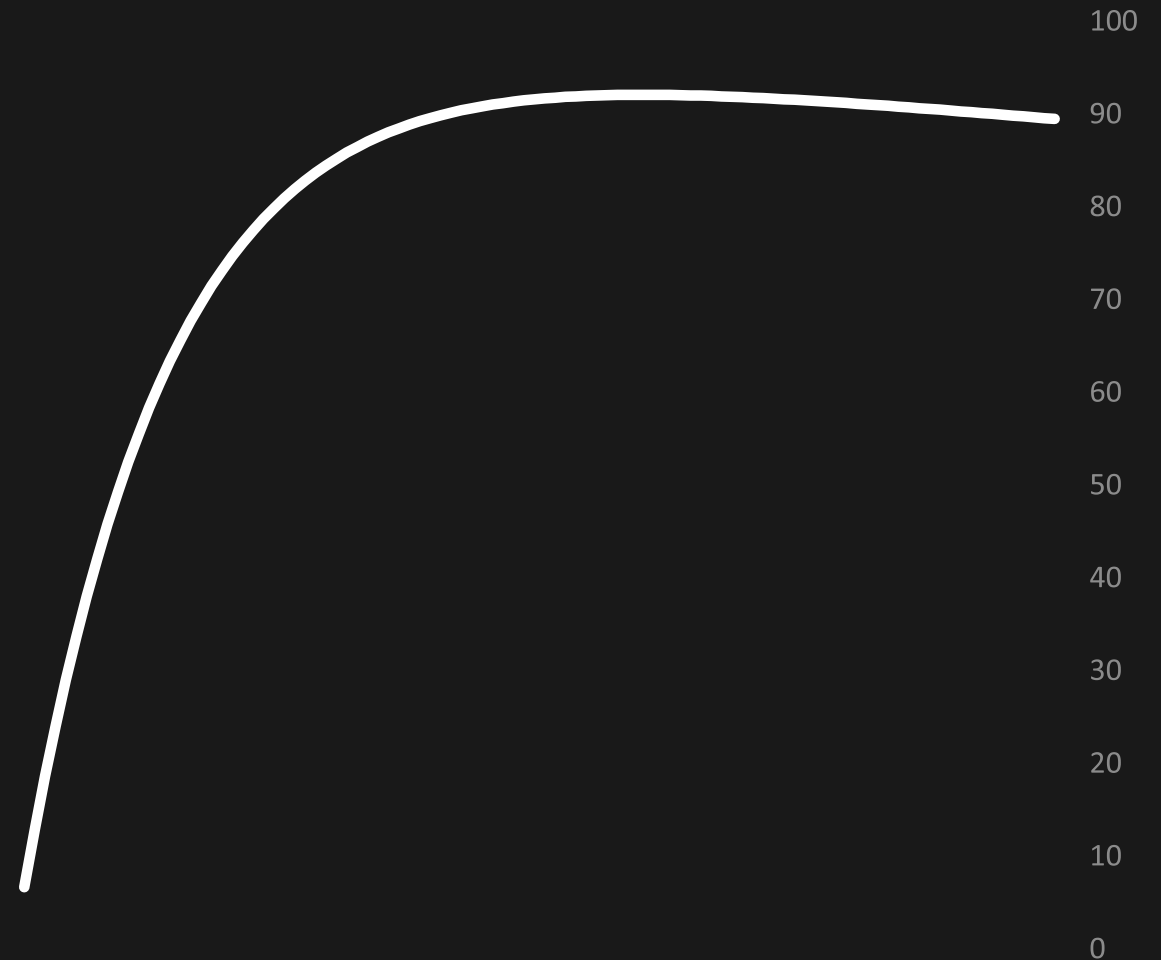
- Market price of TB decrease





# IS NDR / USD RATE FIXED?

- Market price of TB decrease
- Less NDR is minted per one TB due to **halving**

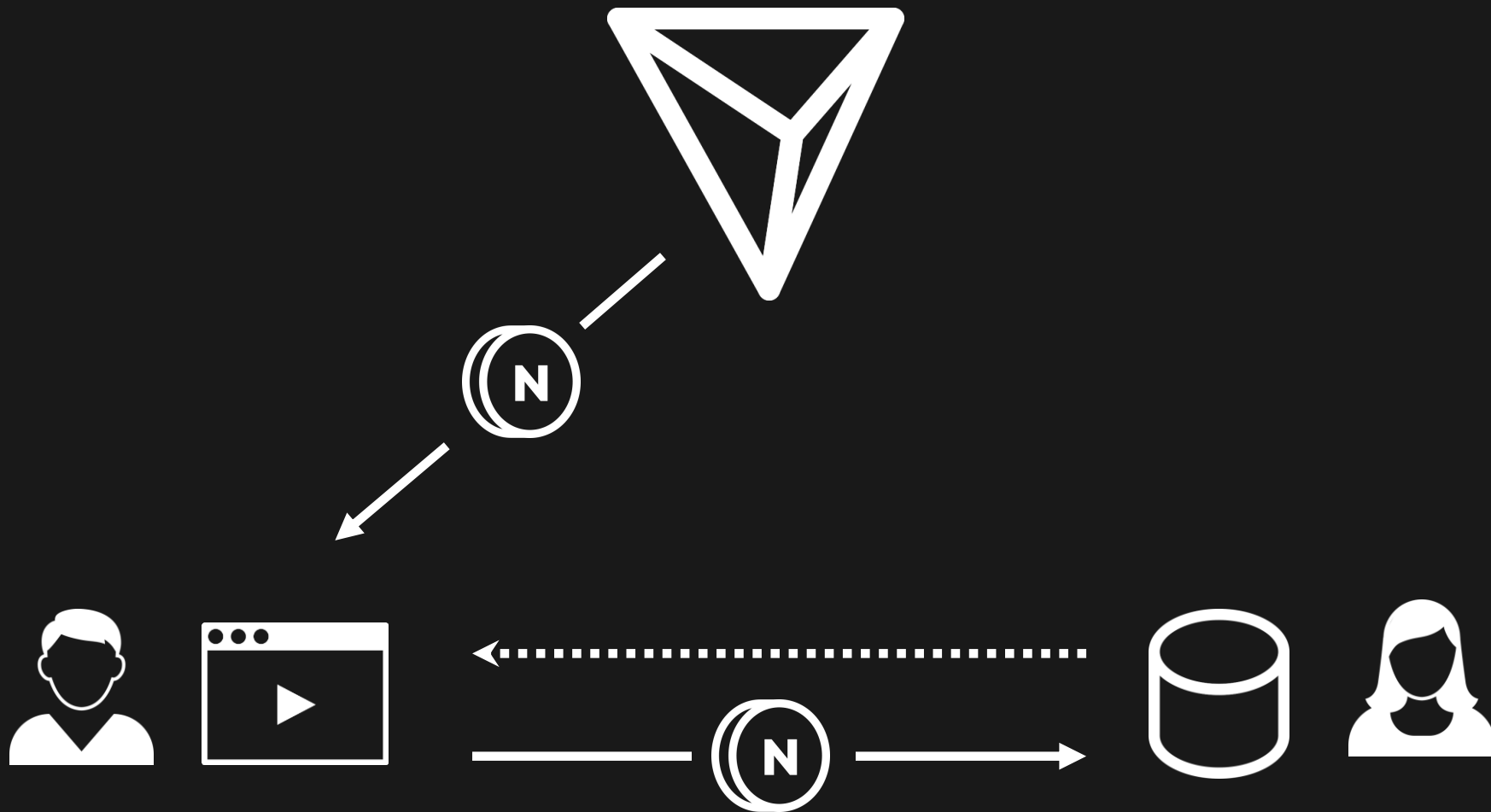


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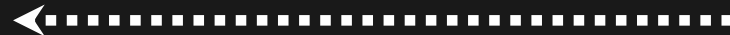
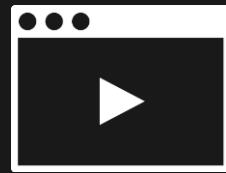
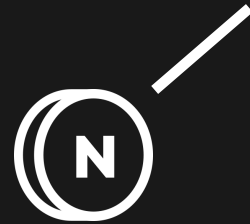
on-chain coin supply control mechanism

WHO'S PAYING FOR  
BALANCING?

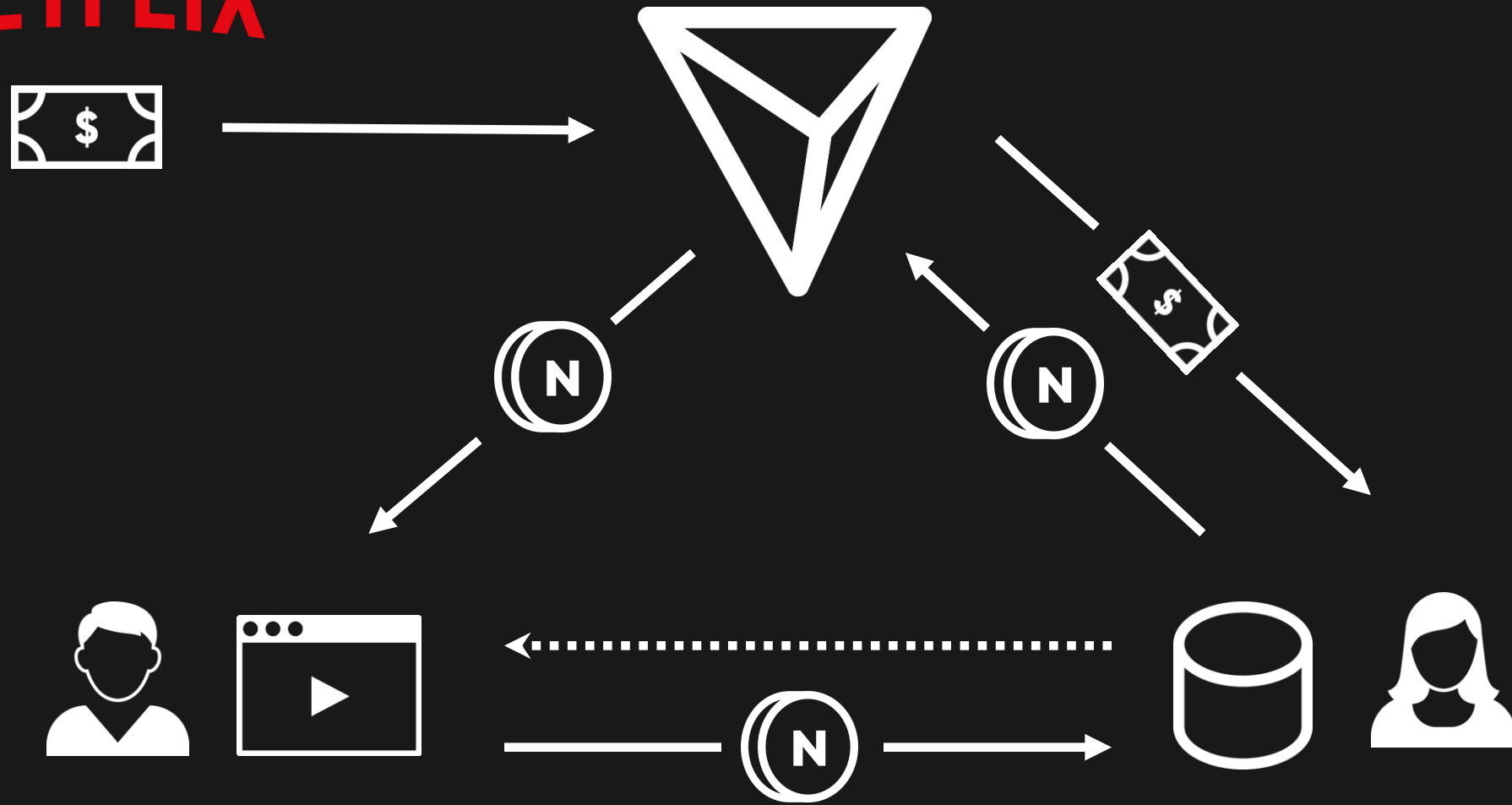


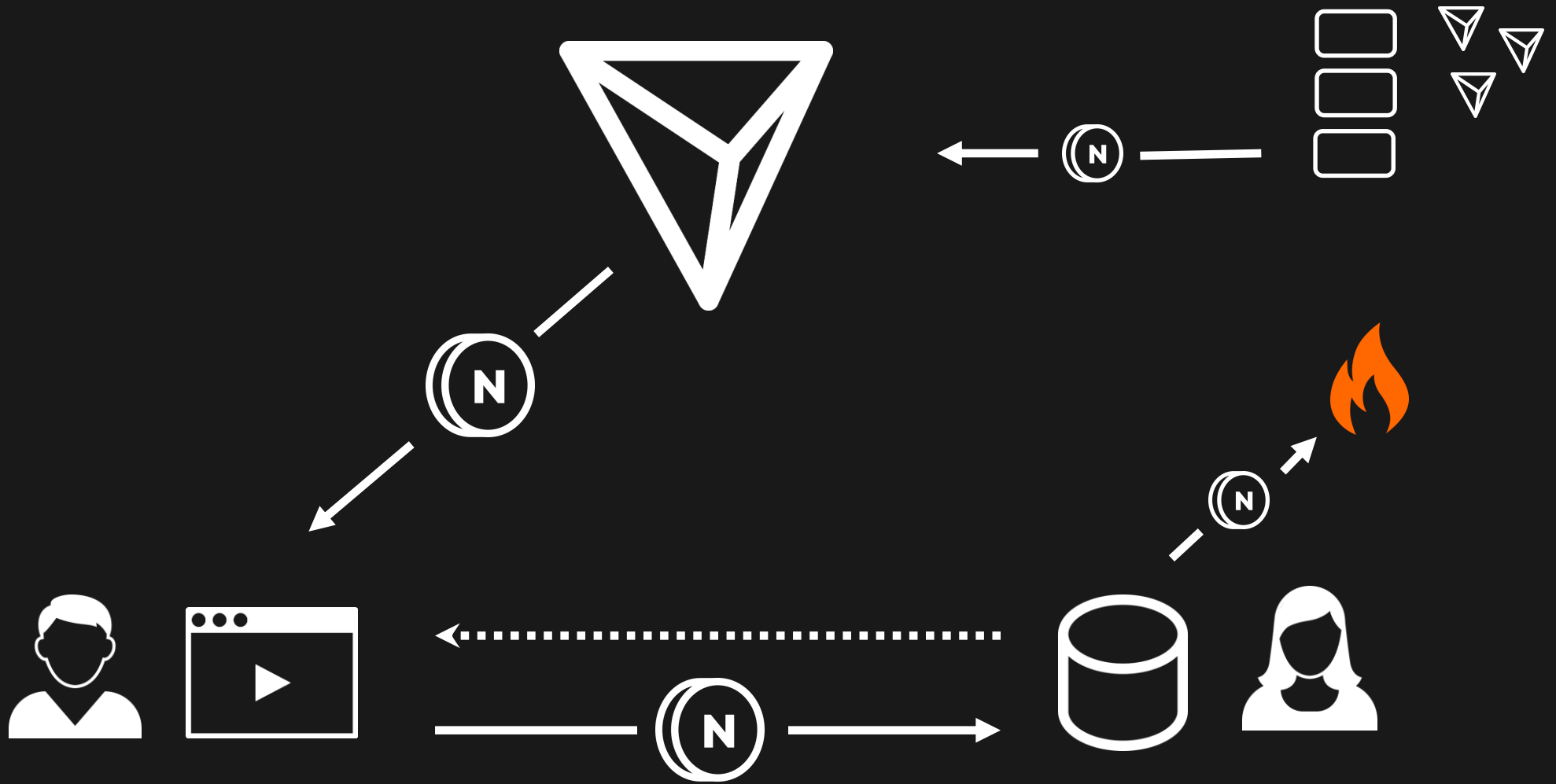


# NETFLIX



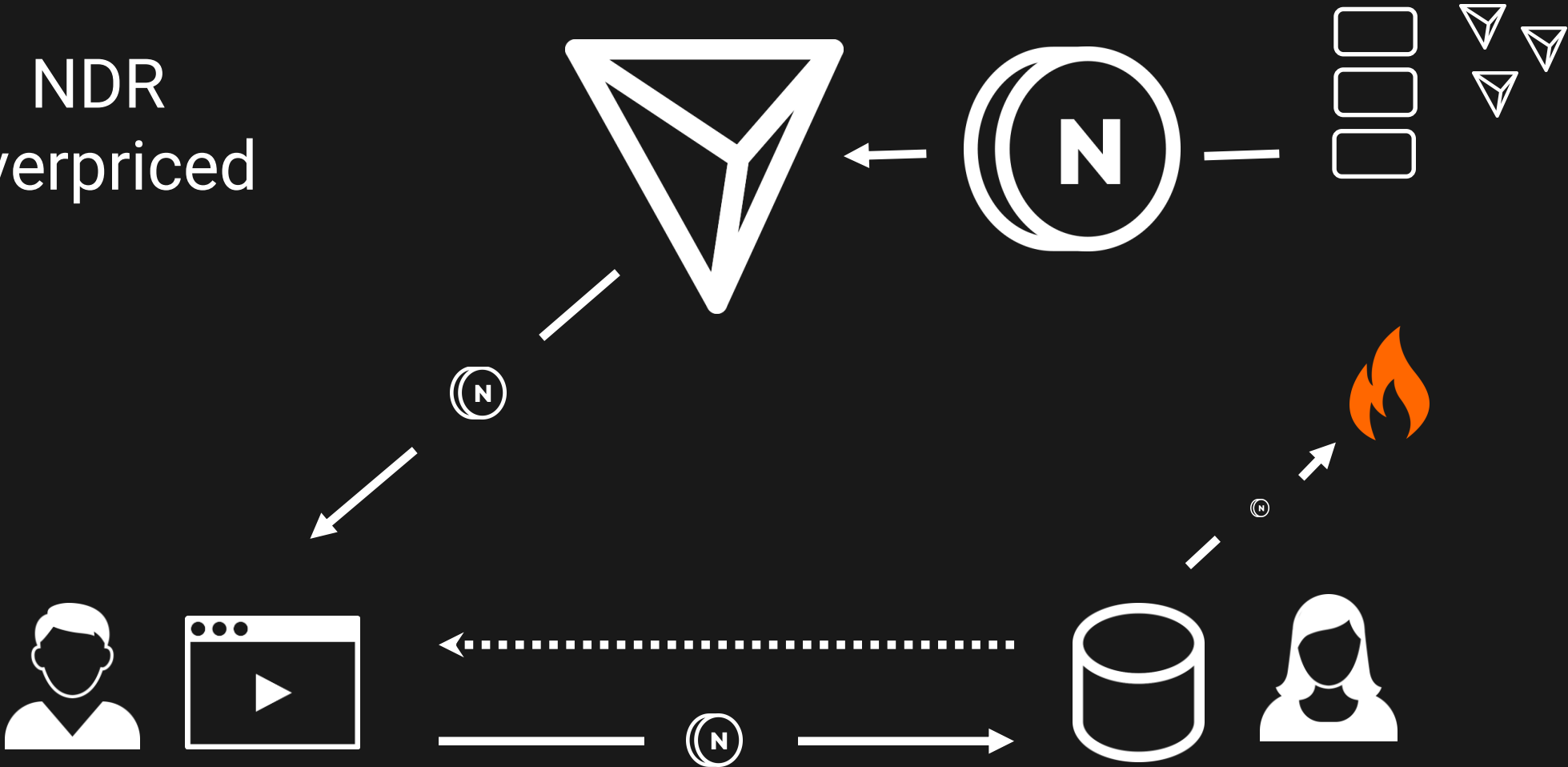
# NETFLIX



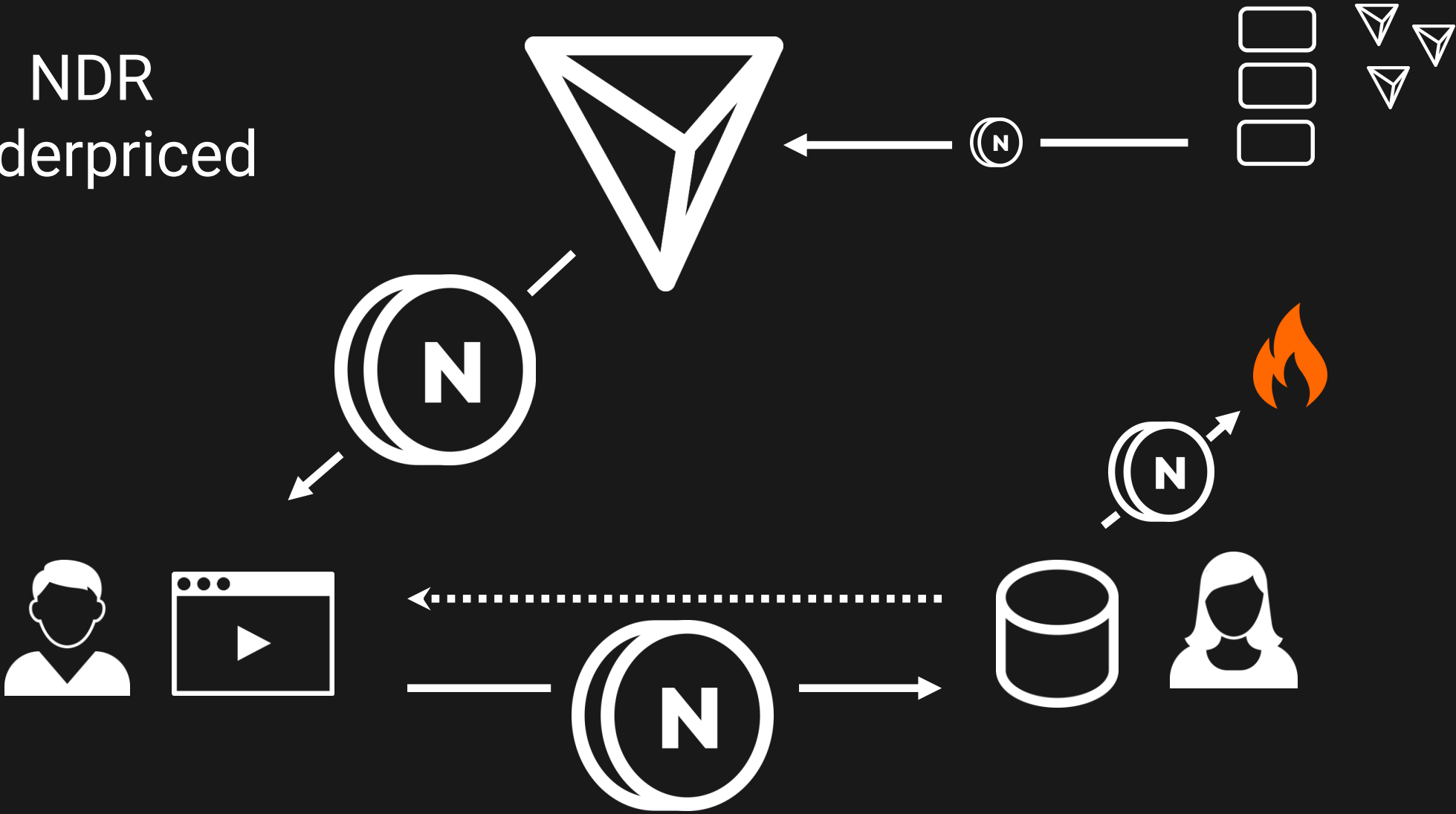




NDR  
overpriced



NDR  
underpriced



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on-chain coin supply control mechanism