### Cryptography is not enough

### Cryptography is not enough

# A long(ish) Speech on paradoxes and antinomies.

## Speech

### Code = Speech

### Speech = Code

### Speech = Free

### Speech = Free(dom)

### Censorship ≠ Free(dom)

### Censorship = Tyranny

### Privacy # Secrecy

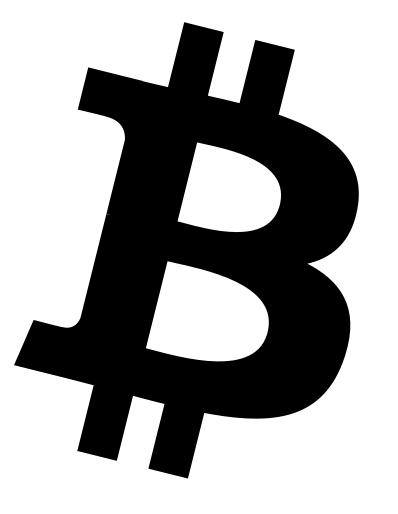
# Running the Numbers ≠ Crime

### Numbers

### 3 Numbers



# 





12 Act ONE

# Bit Scoin

### Bitcoin = Code

### Computer Code

### Moral Code

### Moral Code

"You shall not inflate. You shall not confiscate. You shall not counterfeit."

### "You shall not steal."

### Bitcoin Knowledge

### Bitcoin = Knowledge

### "Bitcoin = Knowledge"

### "Knowledge = Power"

### Knowledge = Power France = Bacon

## Bitcoin = Knowledge Knowledge = Power France = Bacon

## Bitcoin = Knowledge Knowledge = Power France = Bacon

### Bitcoin = Bacon

## ? Bitcoin = Bacon

bacon bacon bacon bacon bacon bacon bacon bacon bacon bacon bacon

bacon bacon

bacon bacon bacon bacon bacon bacon bacon bacon bacon bacon bacon bacon



bacon bacon

"bacon"

"bacon"

```
"great"
 "slice"
"solution"
"bacon"
"summer"
 "they"
 "trade"
 "zebra"
```

```
"great"
 "slice"
"solution"
"bacon"
"summer"
 "they"
 "trade"
 "zebra"
```

words

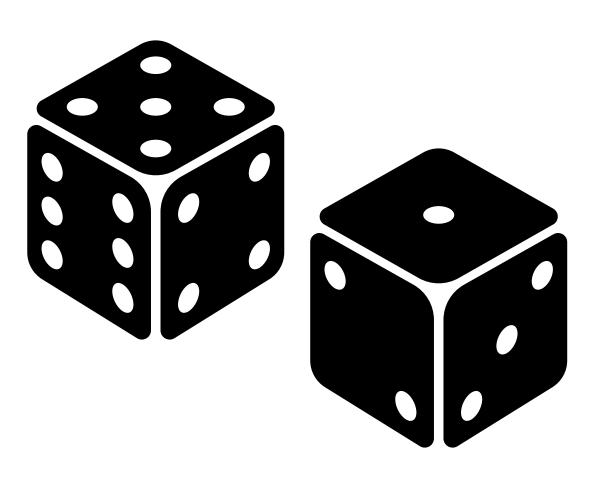
magic words

"word"

"word"

### 12 twelve magic words

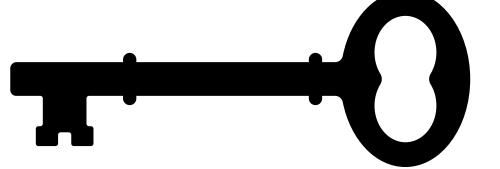
# 12 twelve random words



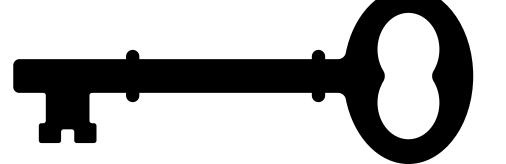
### 12 twelve random words



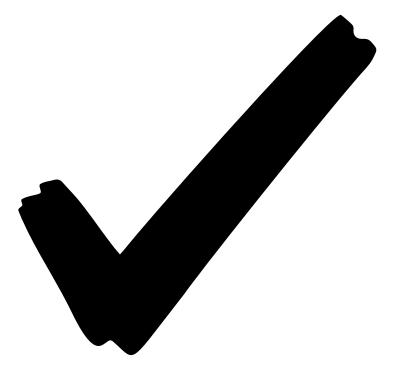
# 12 twelve random words



### 12 twelve valid words

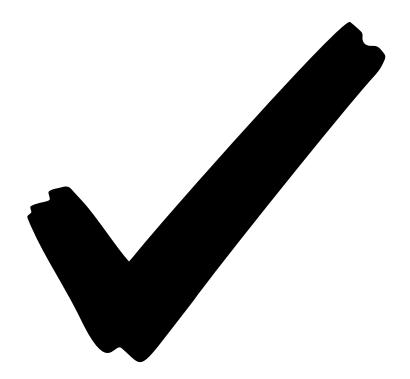


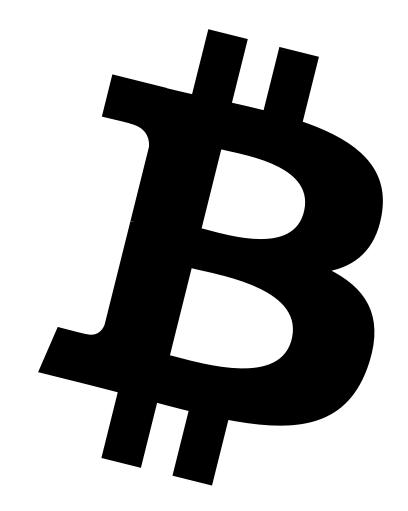
### 12 twelve valid words



"gas"
"great"

"twelve"
"valid"
"word"

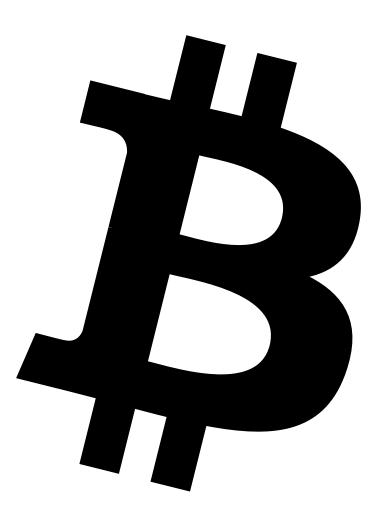






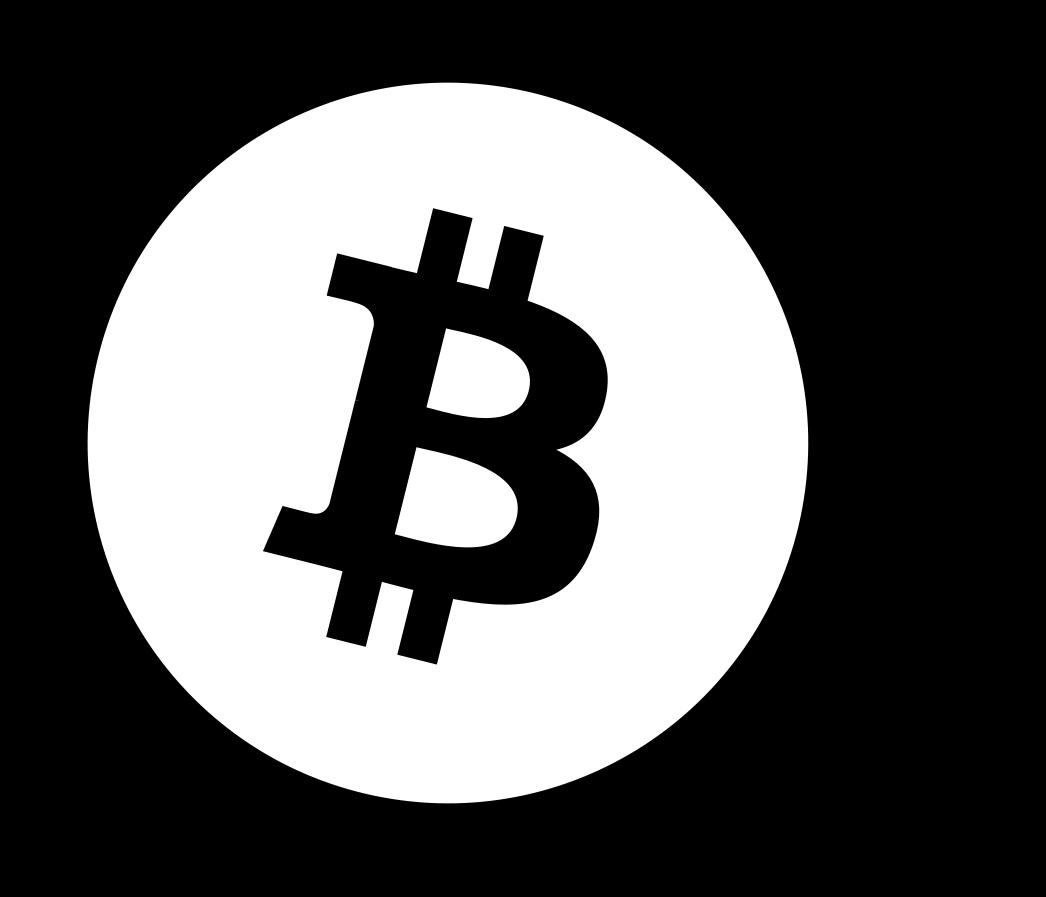
#### ACT

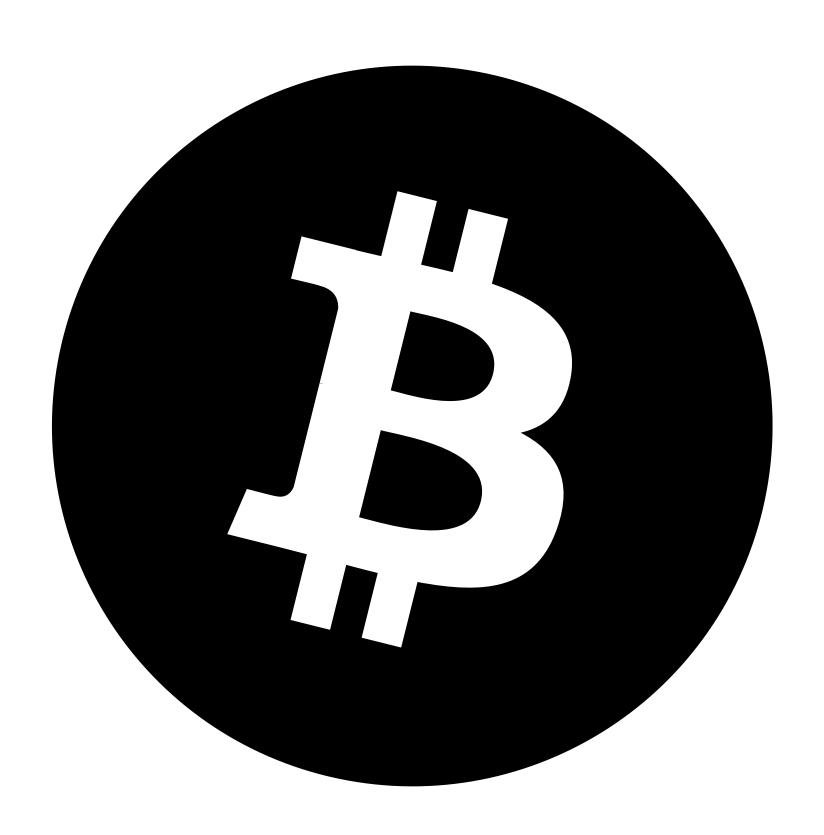


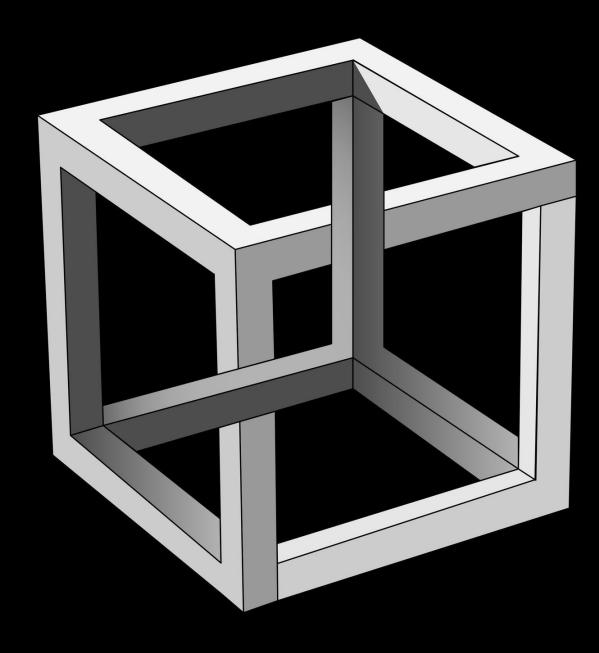




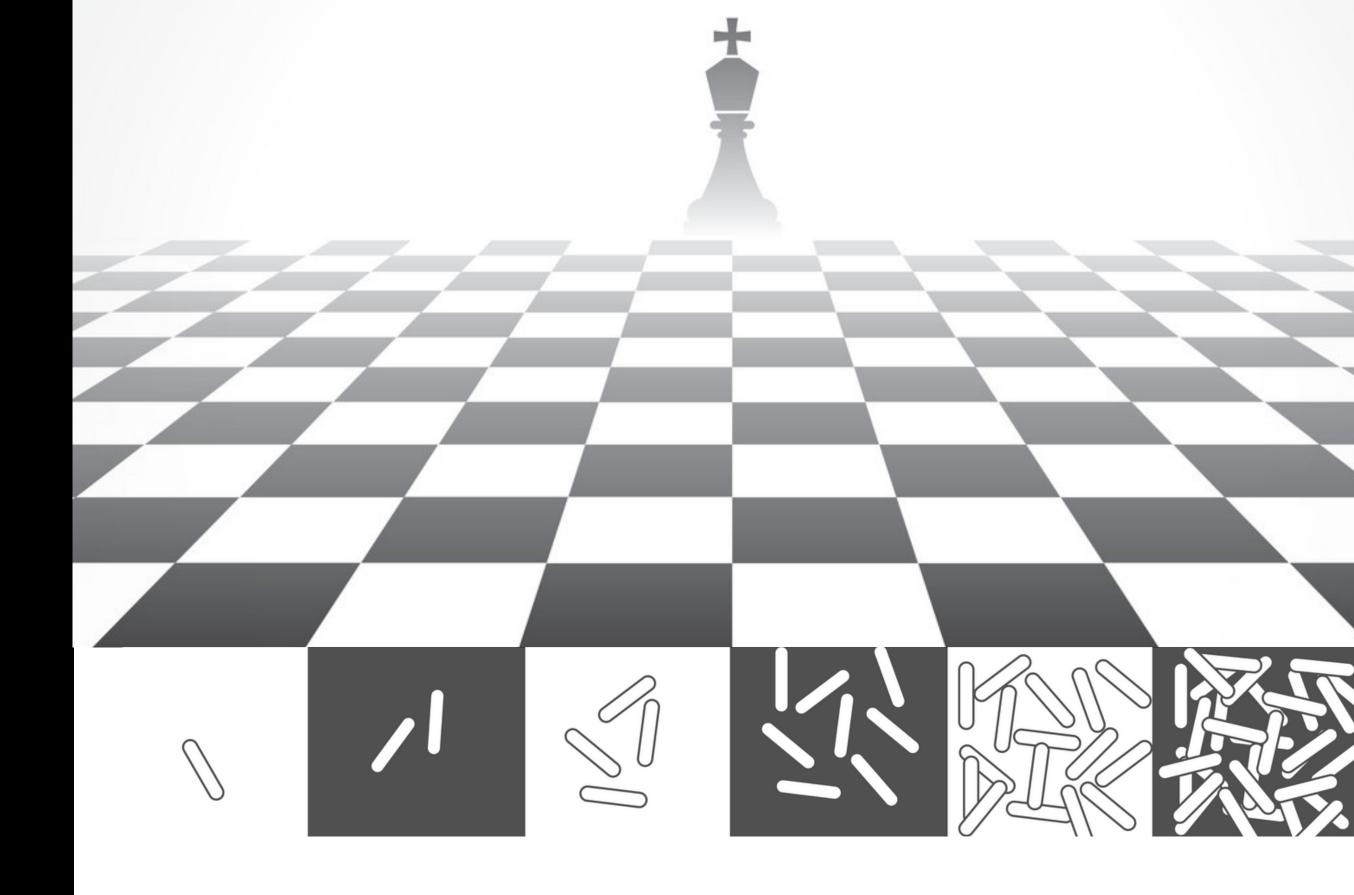




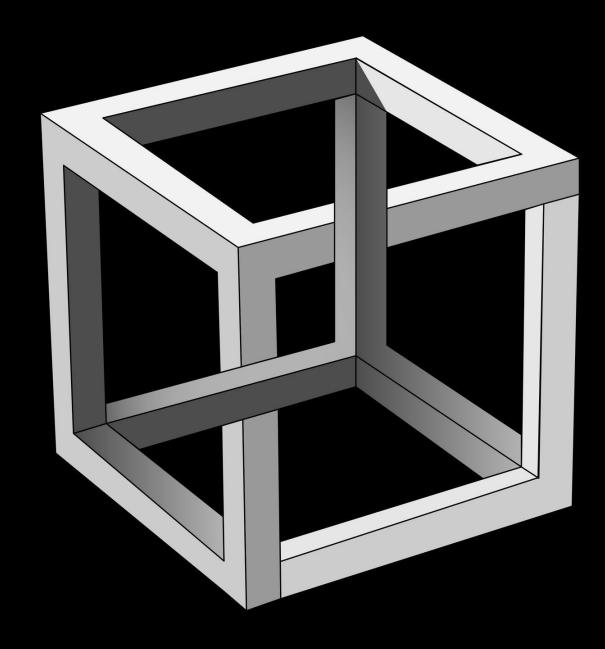




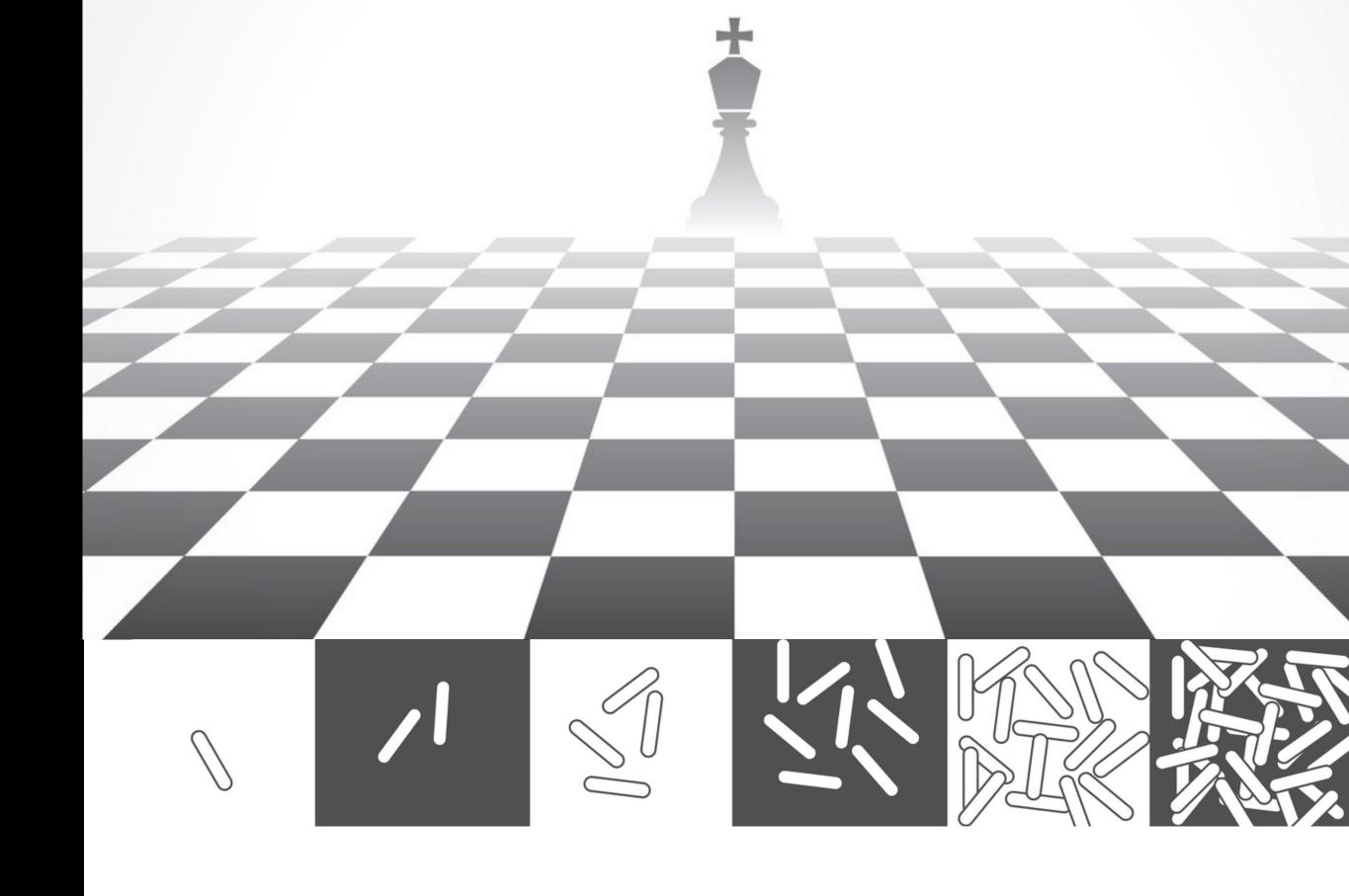
Paradoxical



#### Unintuitive



Paradoxical

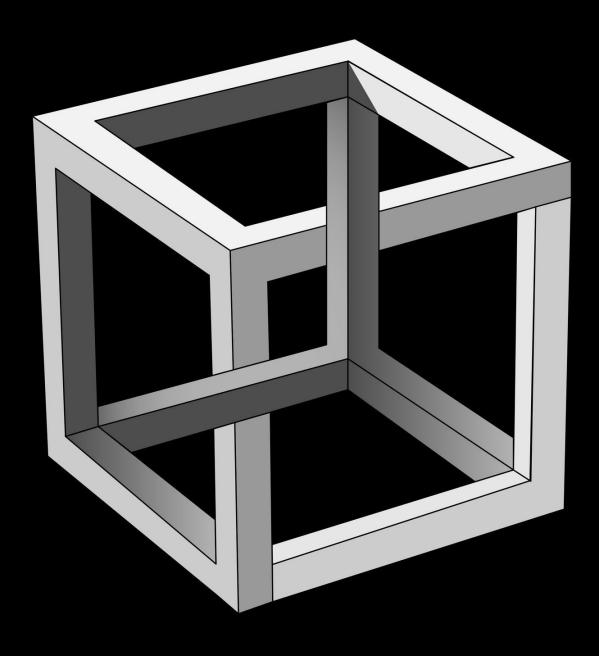


#### Unintuitive

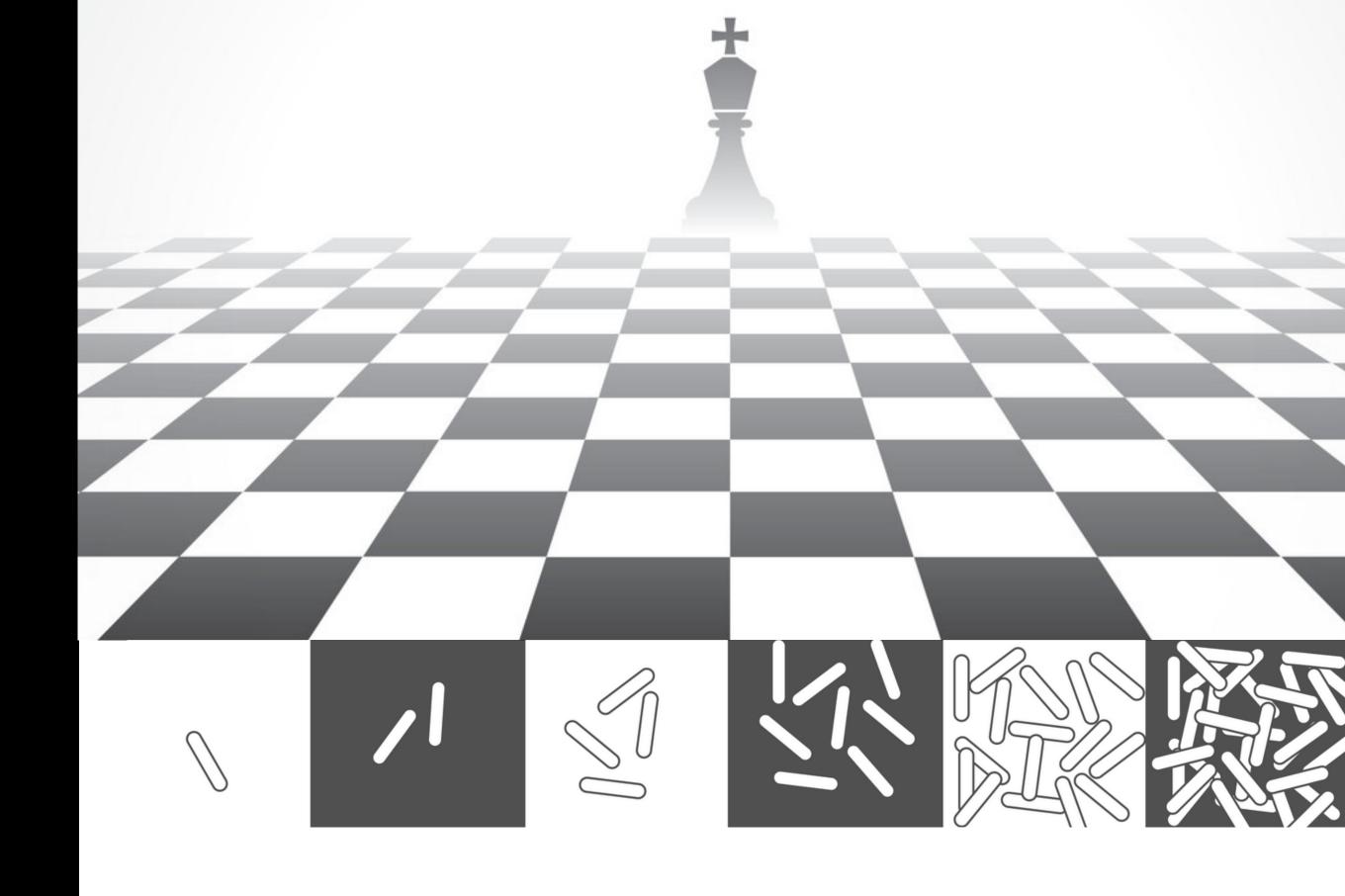






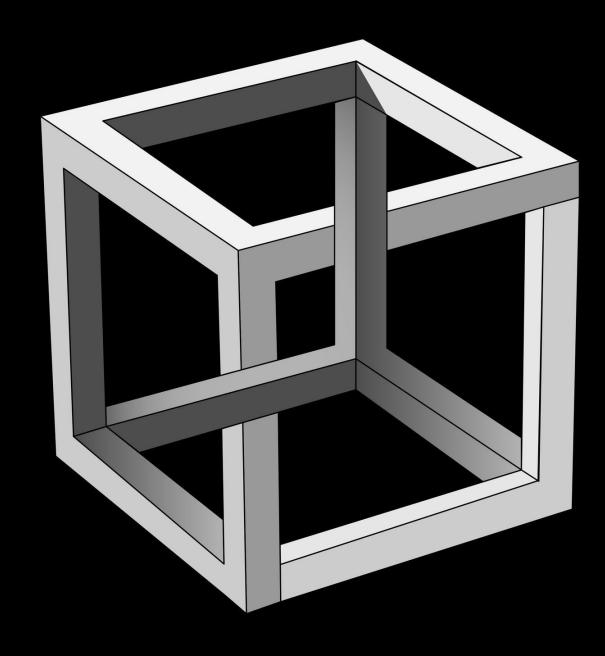


Paradoxical

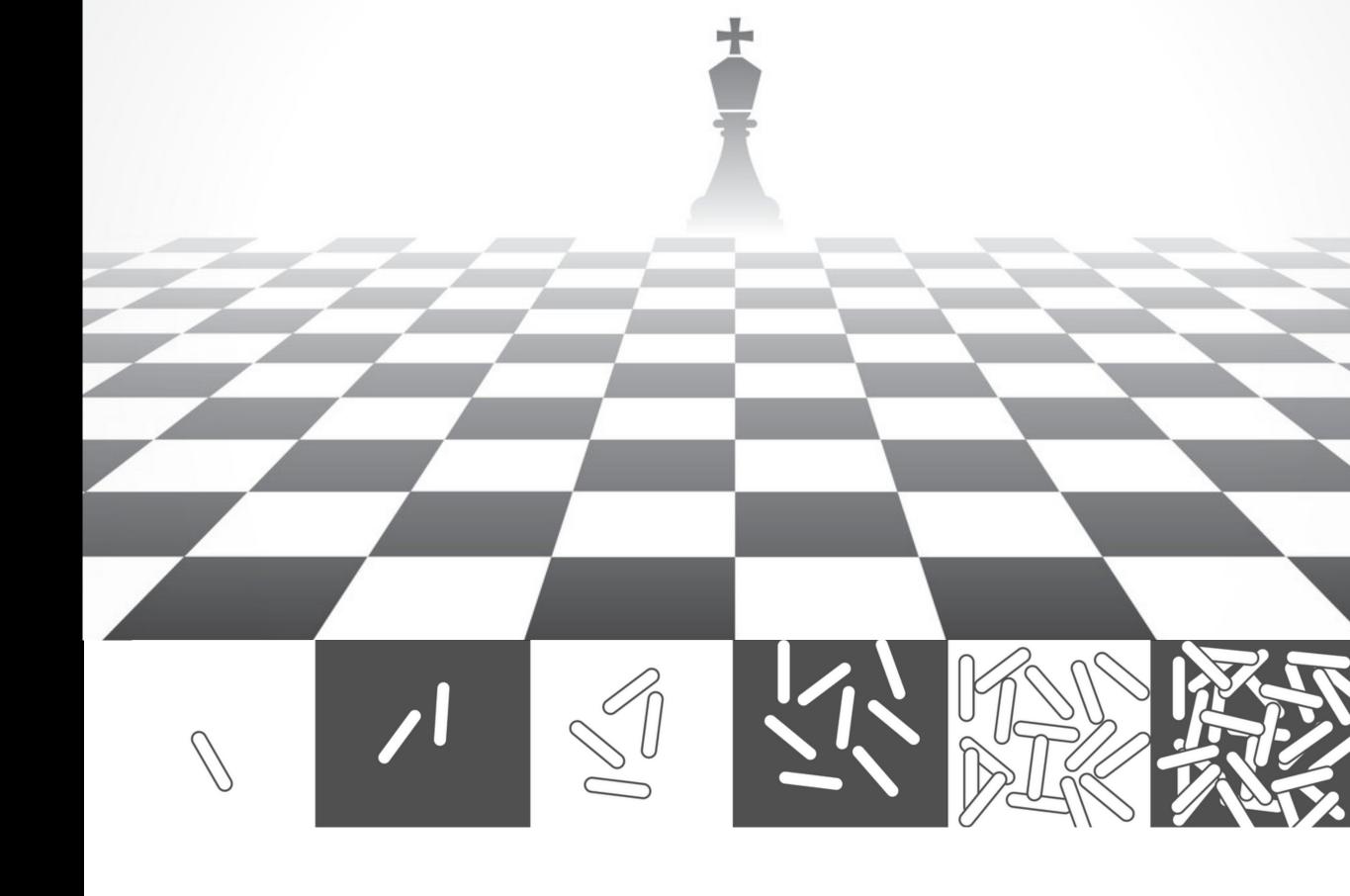


Unintuitive

#### ~18 quintillion

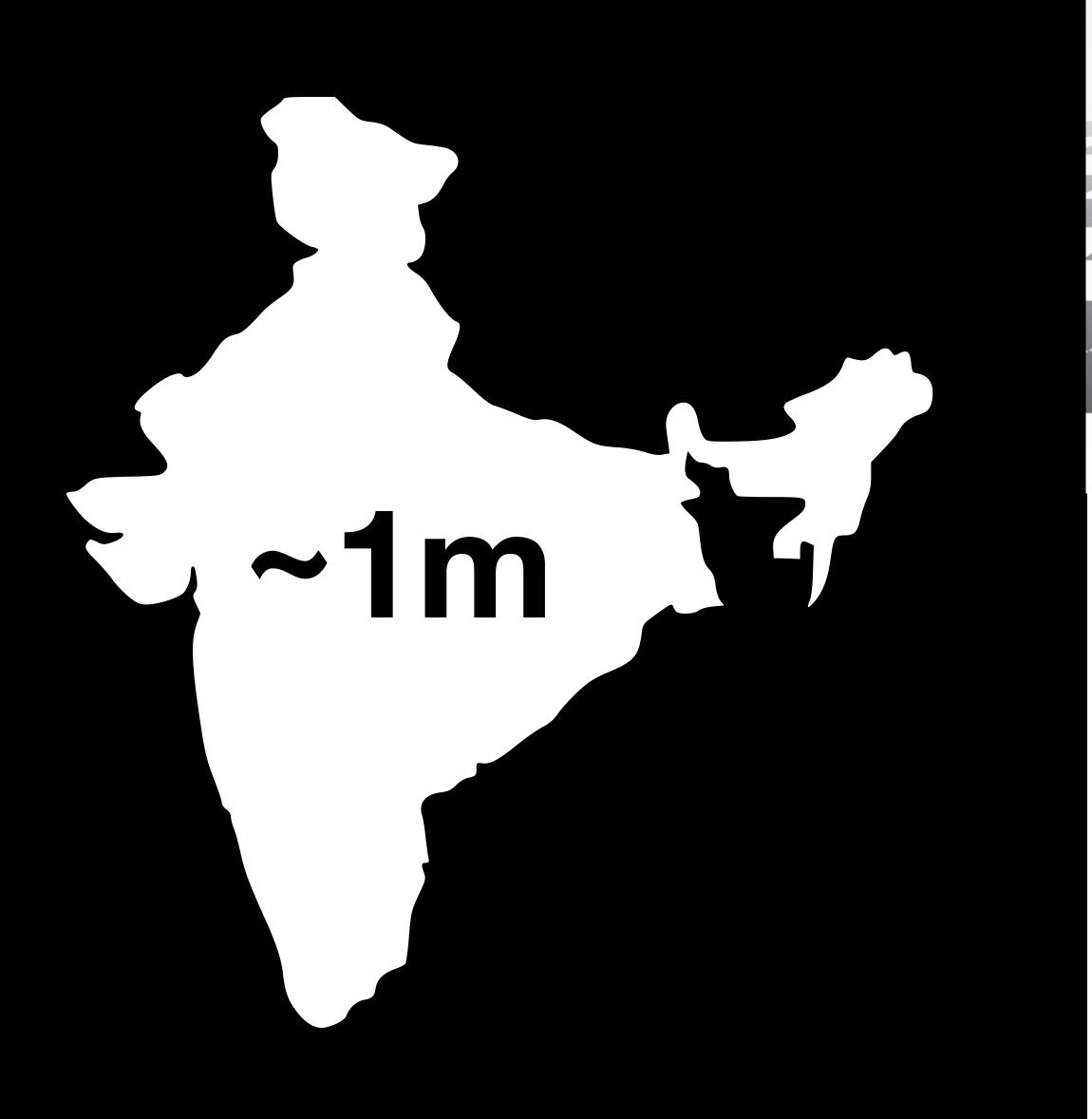


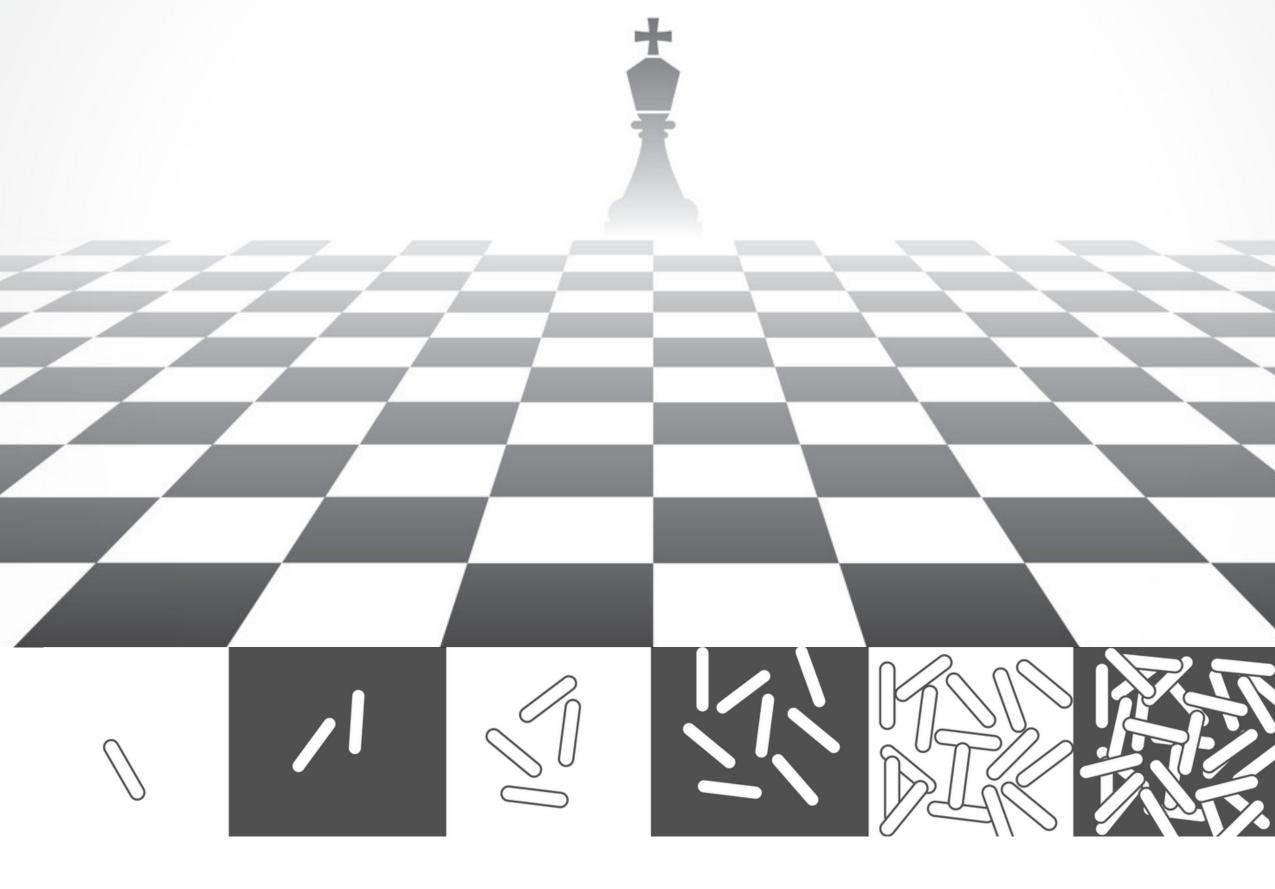
Paradoxical



Unintuitive

#### ~210b tonnes ~18 quintillion

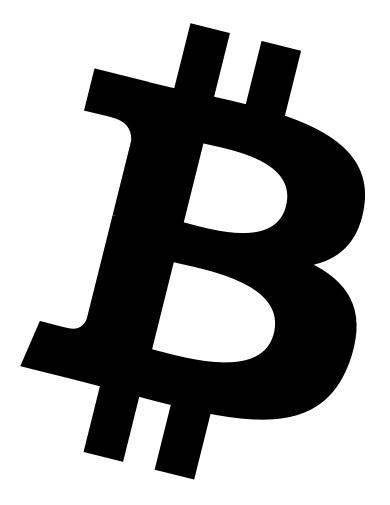




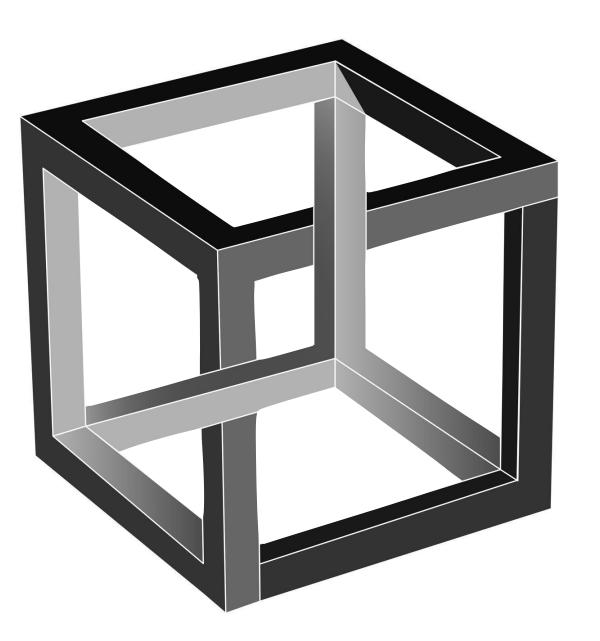
Unintuitive

~210b tonnes ~18 quintillion

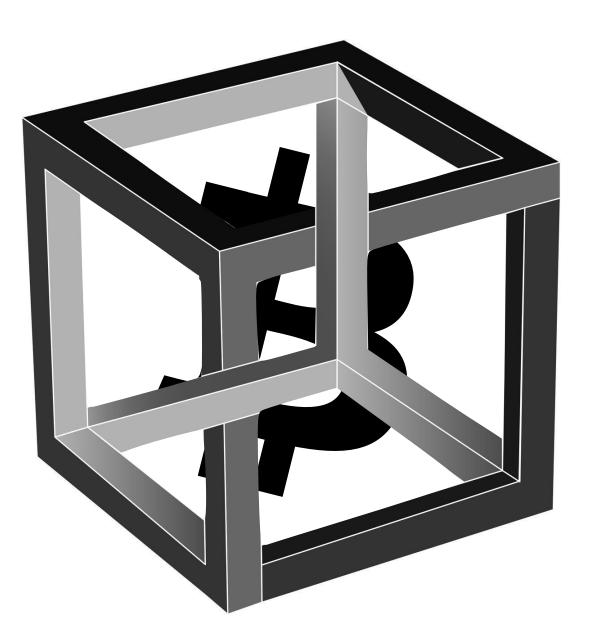
## twelve magic words

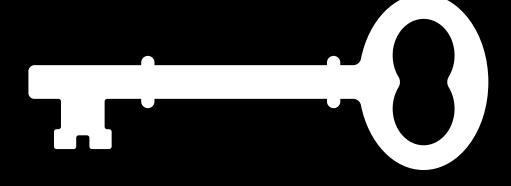


# twelve magic words

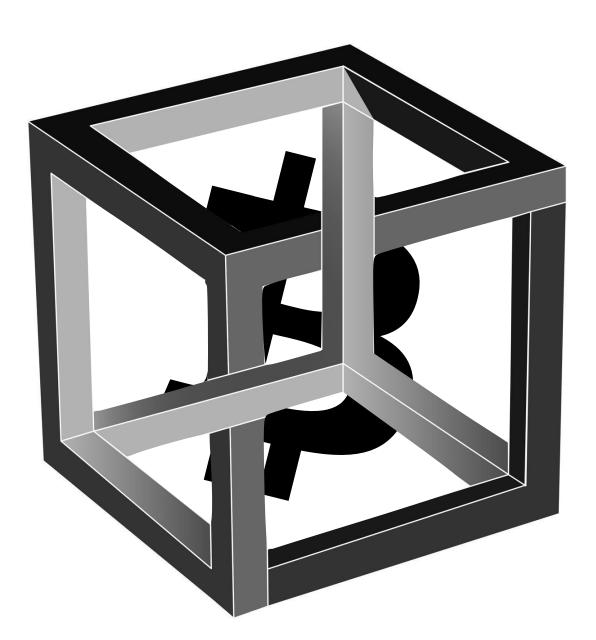


# twelve magic words

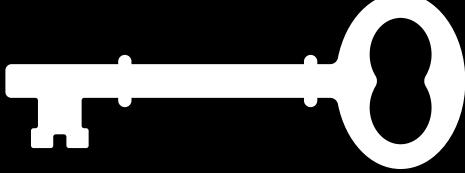


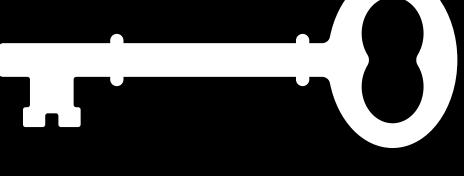


Private

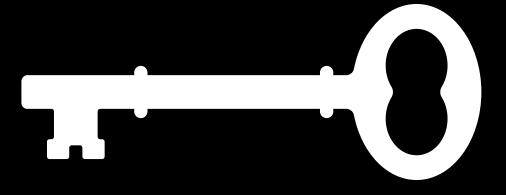


Locked

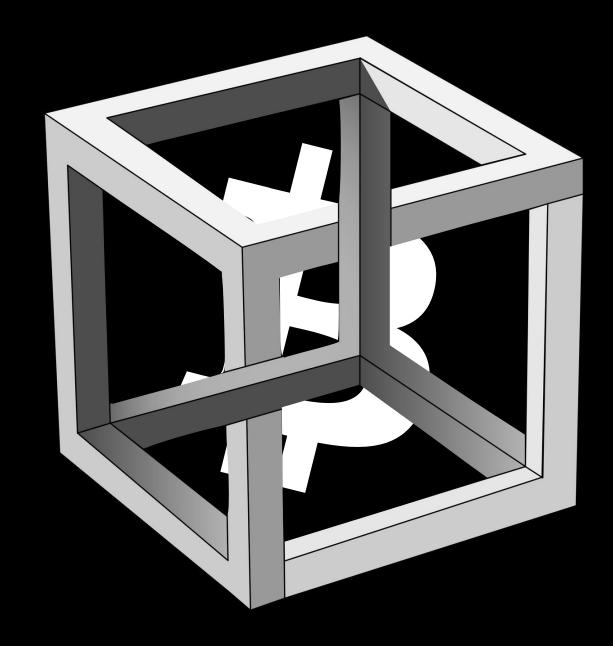




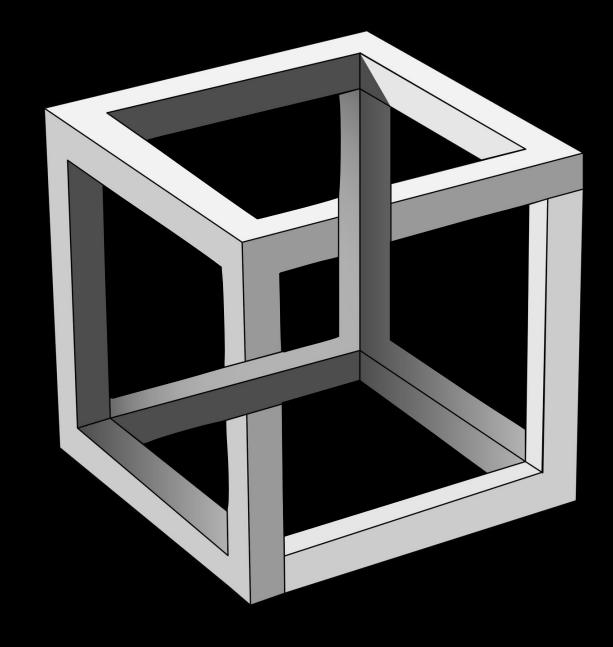
1,000,000 sats



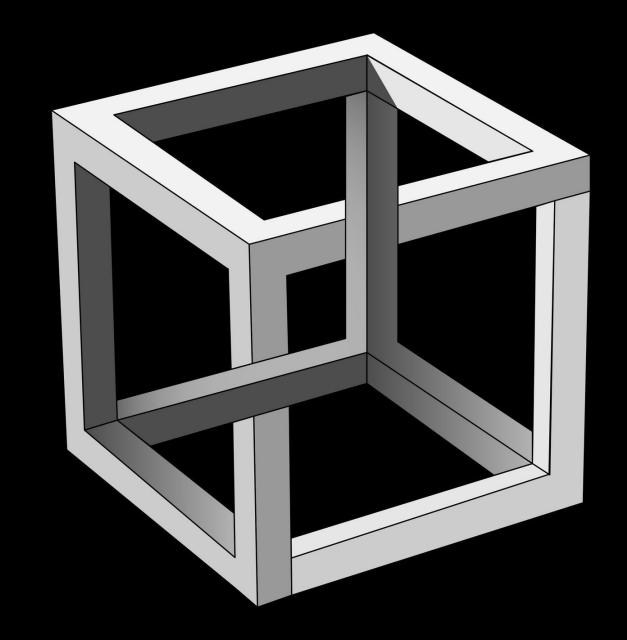
pattern hour video shed umbrella today they alcohol belt shoe oppose smooth



pattern hour video shed umbrella today they alcohol belt shoe oppose smooth

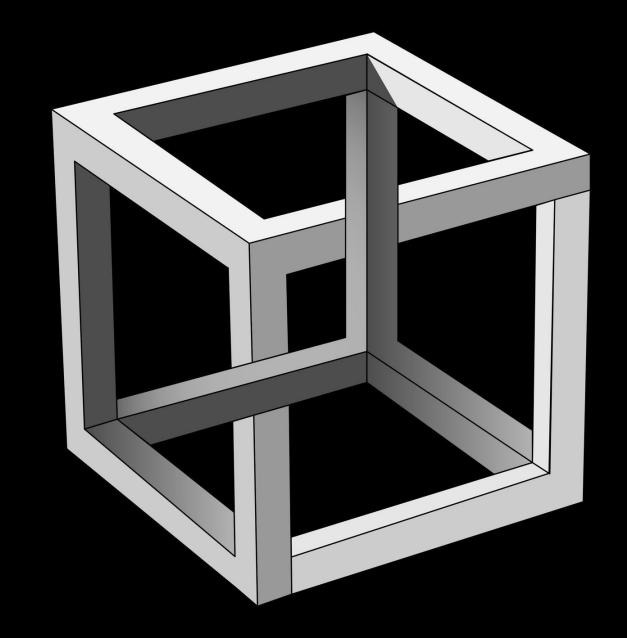


pattern hour video shed umbrella today they alcohol belt shoe oppose smooth



## 

Gone.



## 

Gone.

# twelve magic words

#### Secure?

# twelve magic words

### 2048

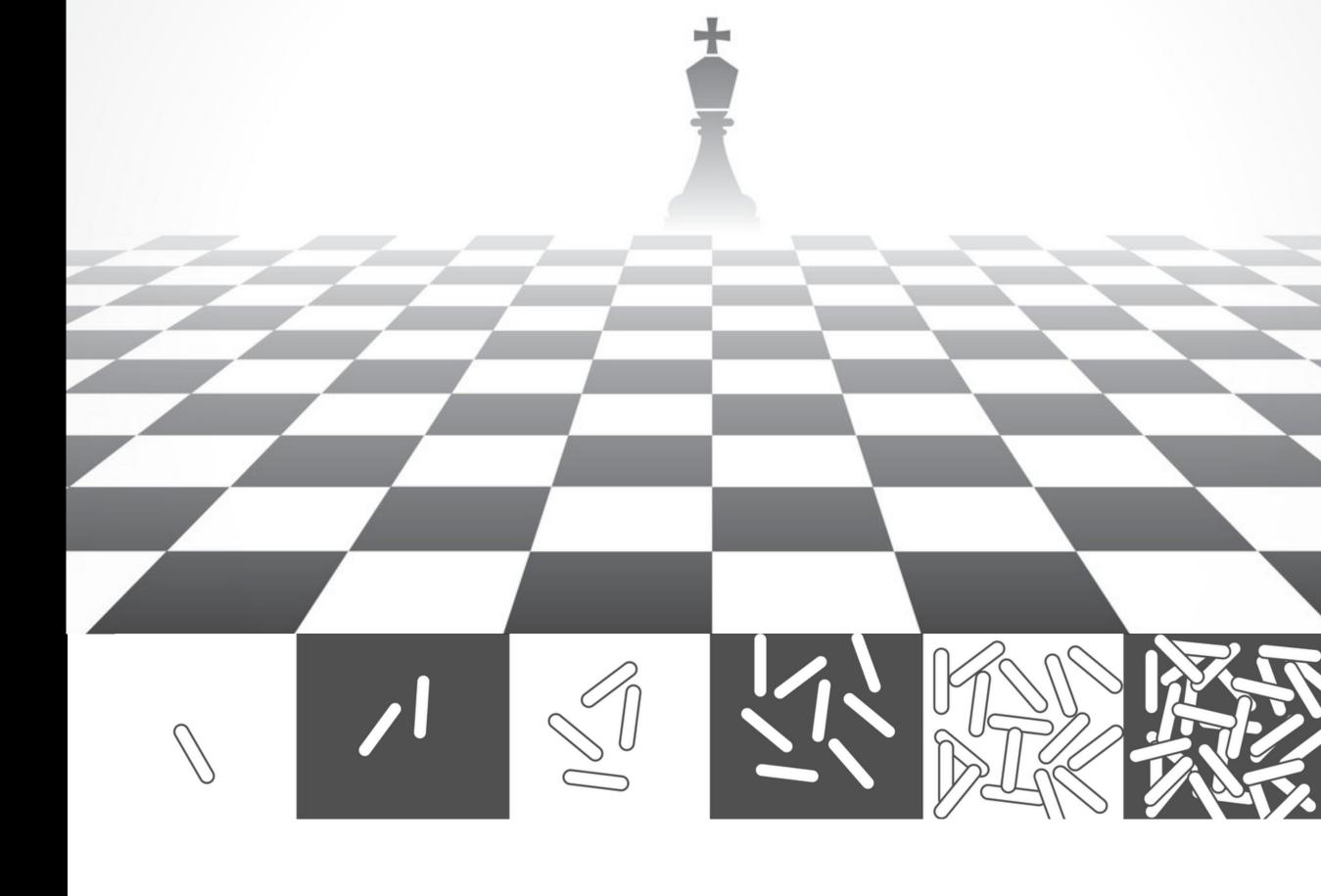
twelve magic words

128

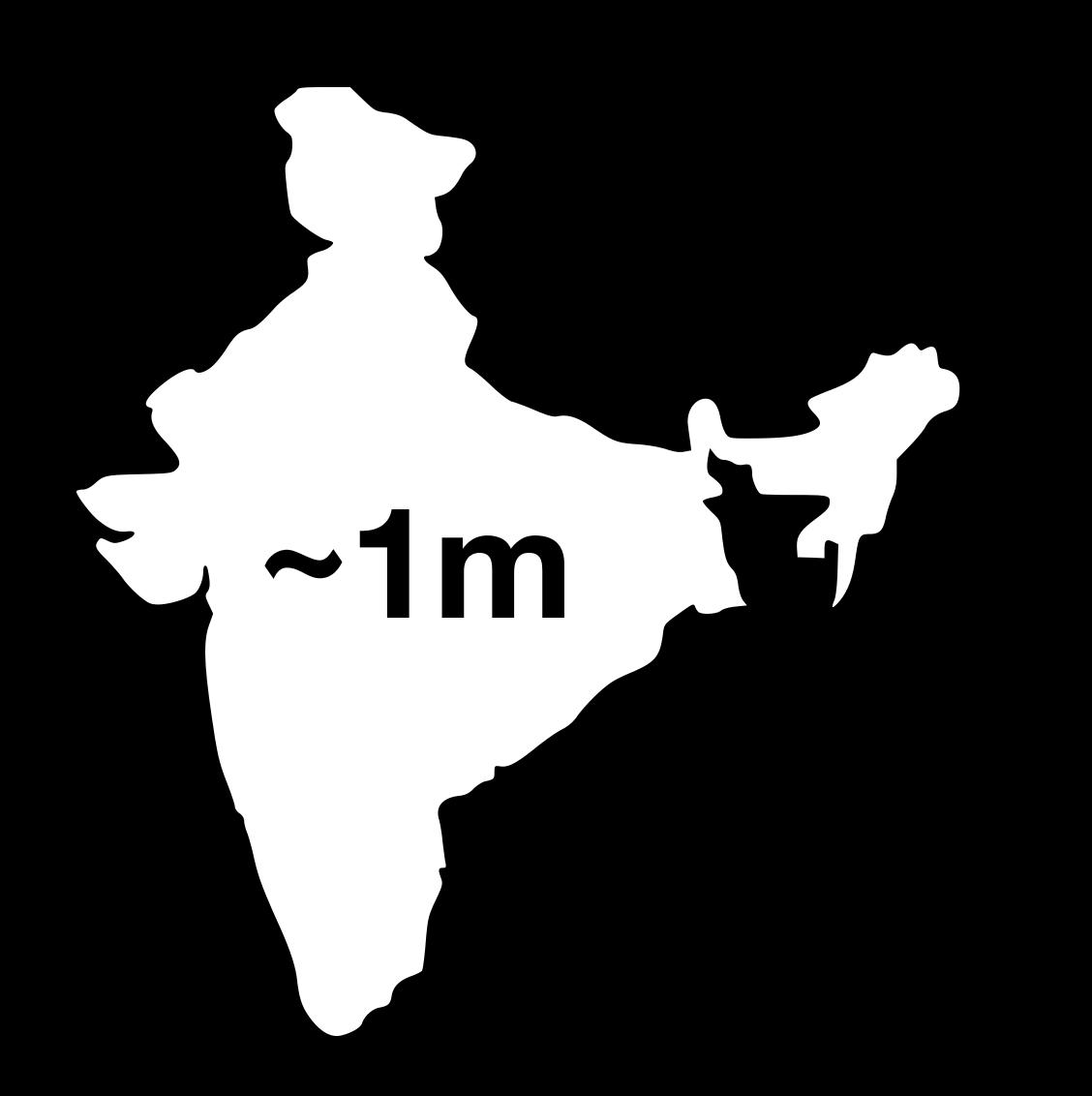
340 undecillion 282 decillion 366 nonillion 920 octillion 938 septillion 463 sextillion 463 quintillion 374 quadrillion 607 trillion 431 billion 768 million 211 thousand 456

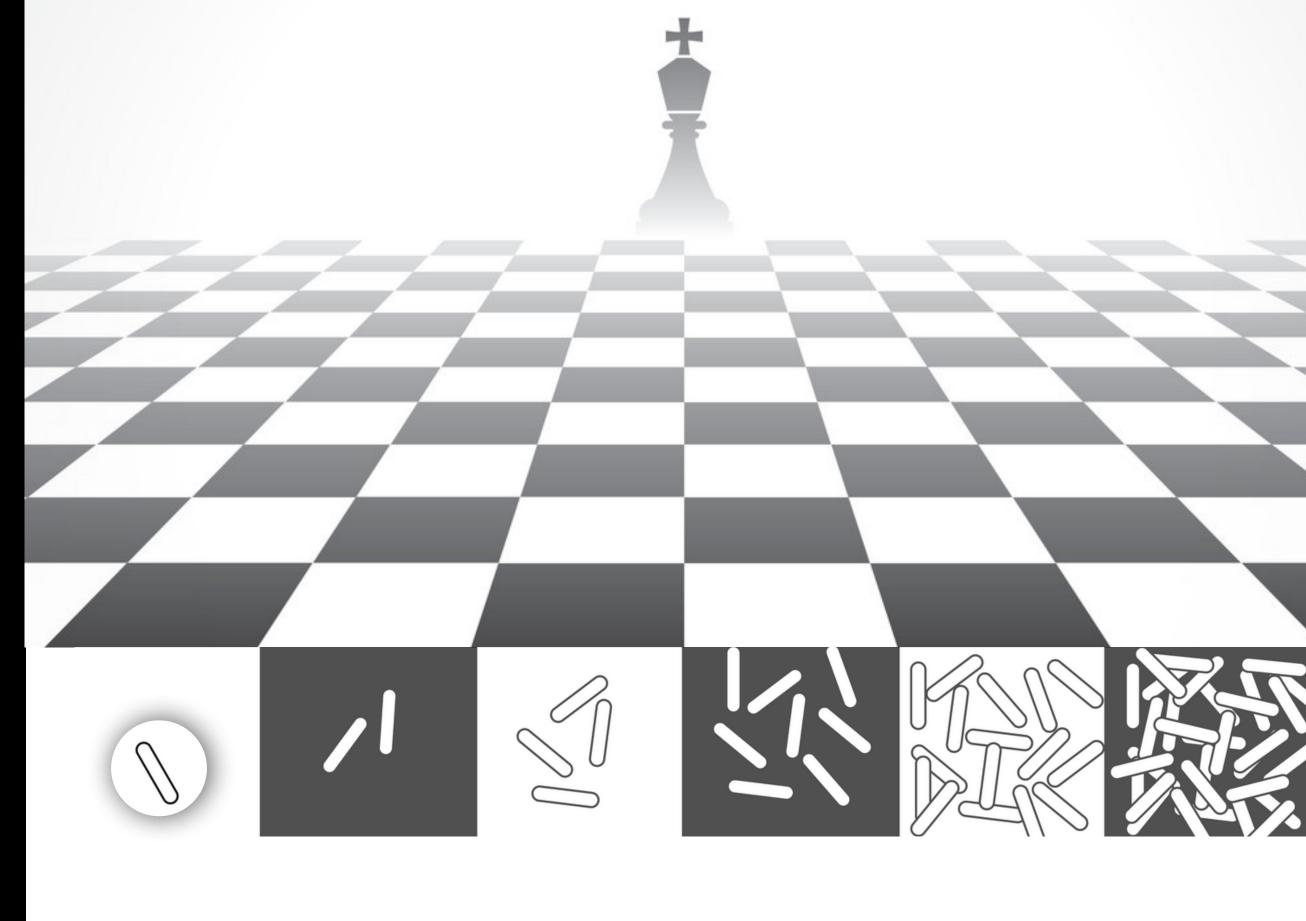
128

340 undecillion 282 decillion 366 nonillion 920 octillion 938 septillion 463 sextillion 463 quintillion 374 quadrillion 607 trillion 431 billion 768 million thousand 456

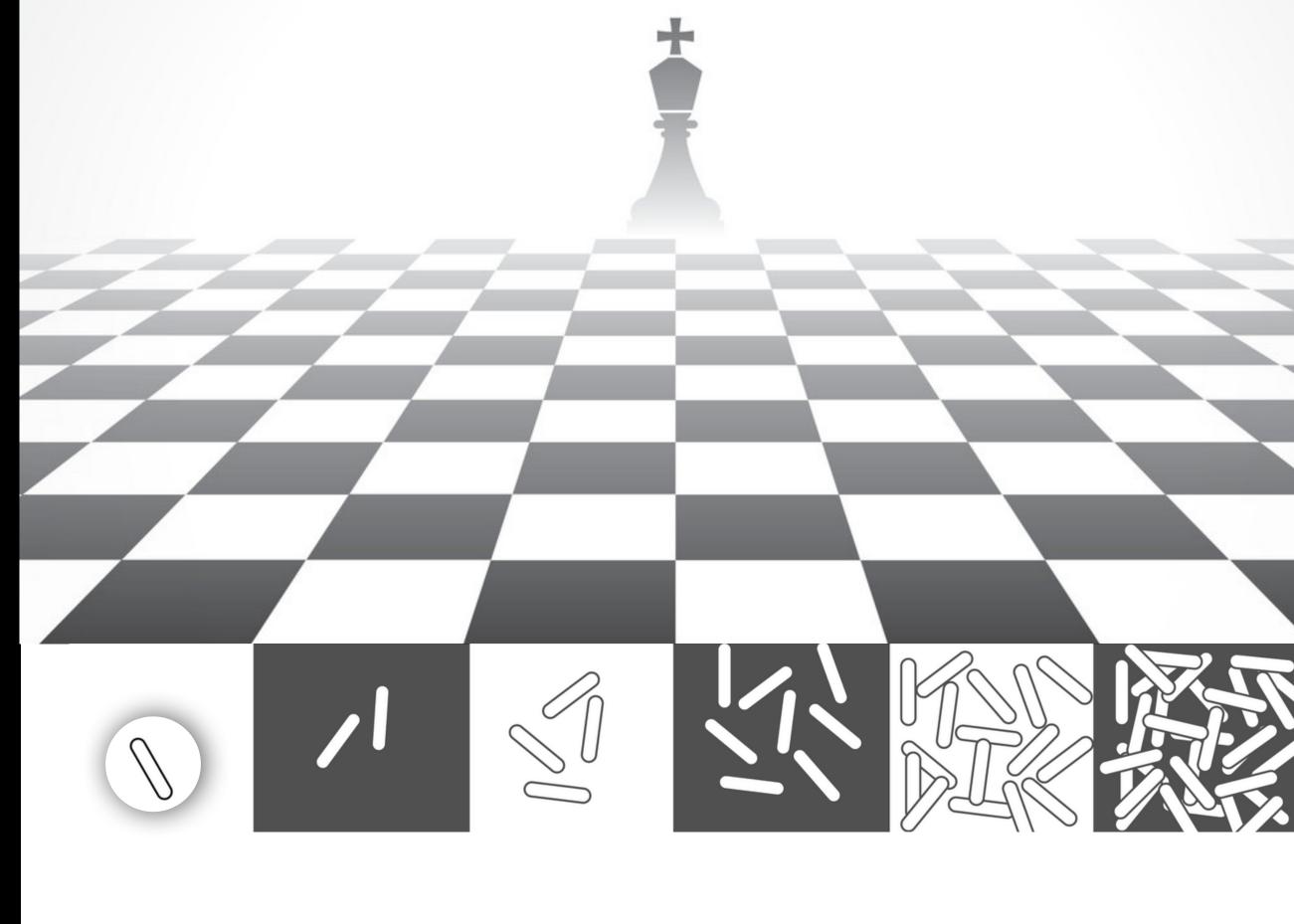


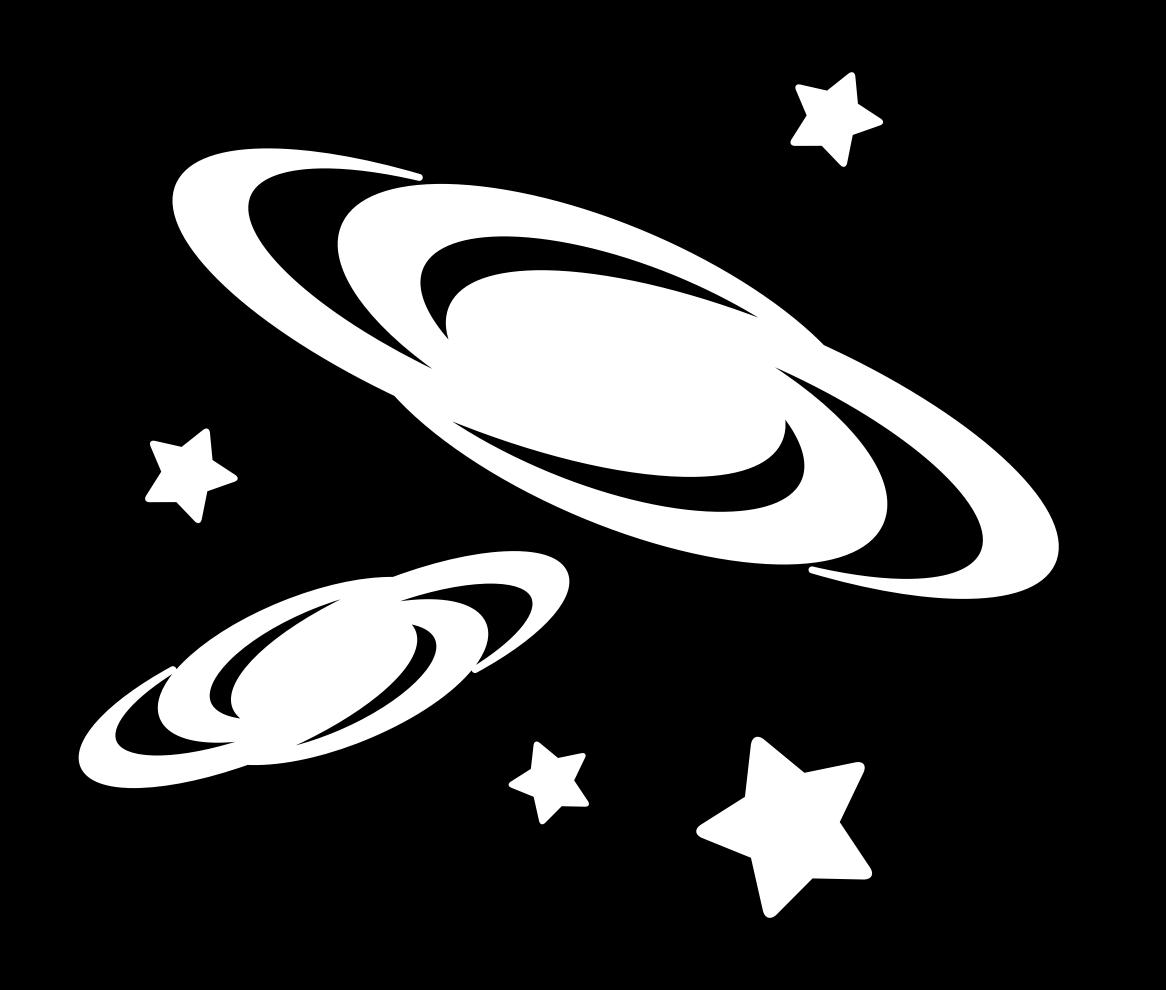
#### >18 quintillion



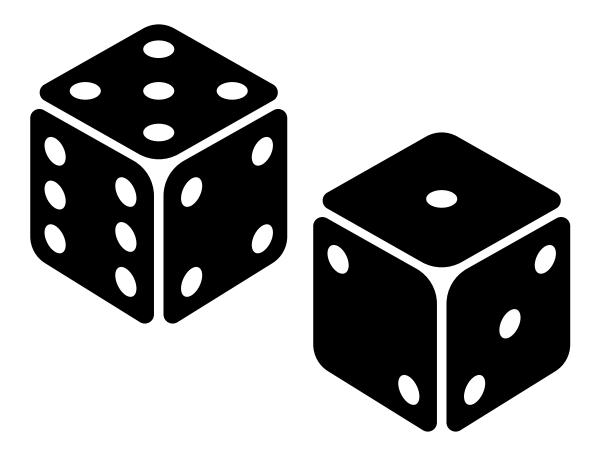


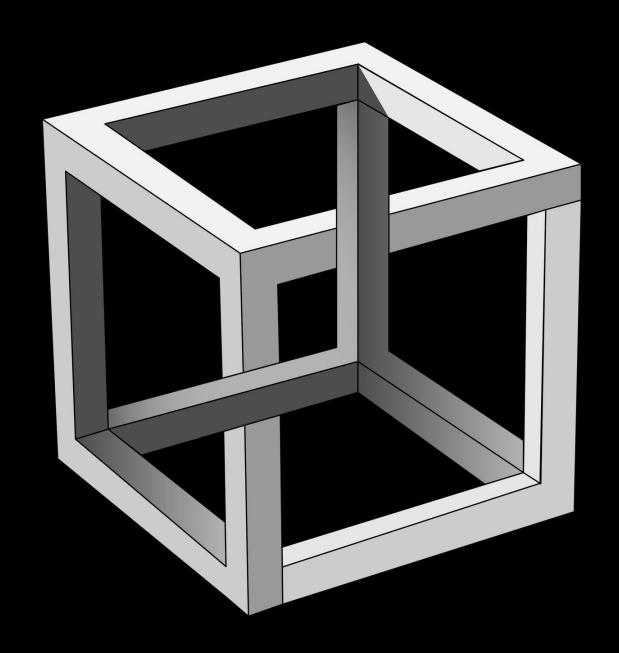




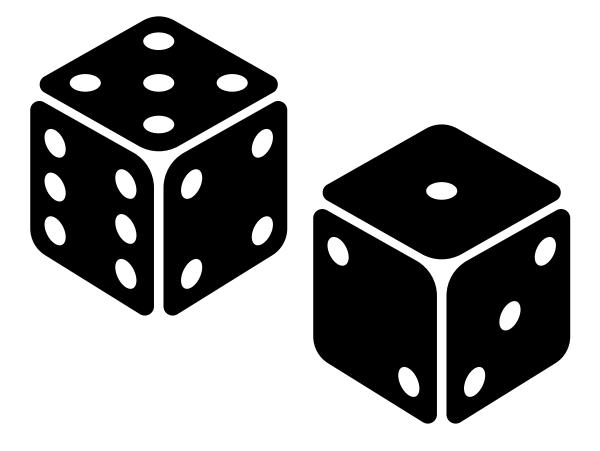




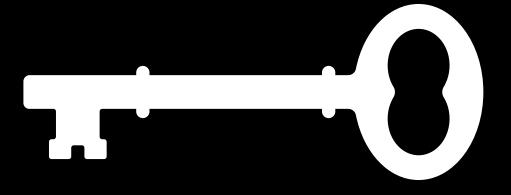


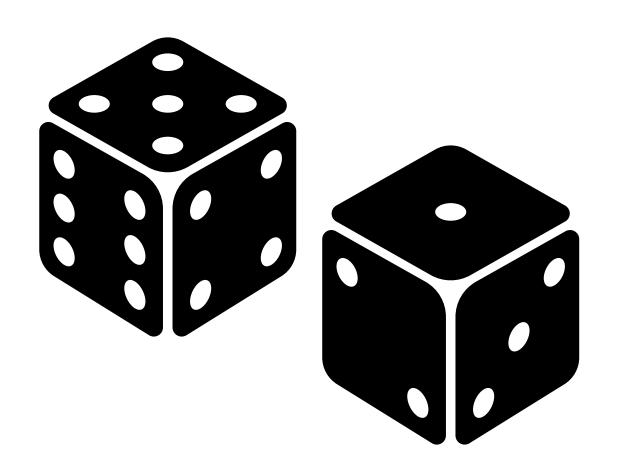




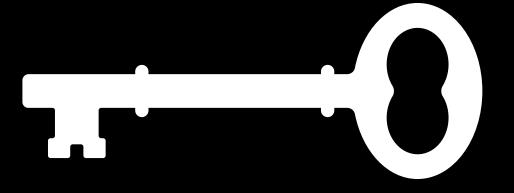


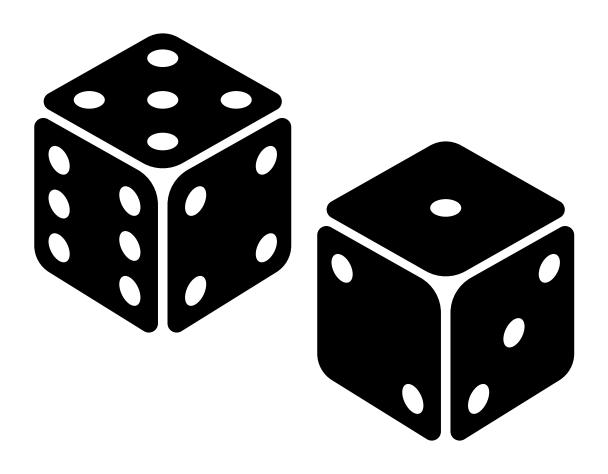
Secure



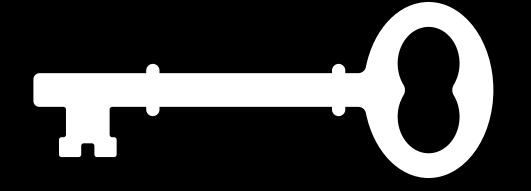


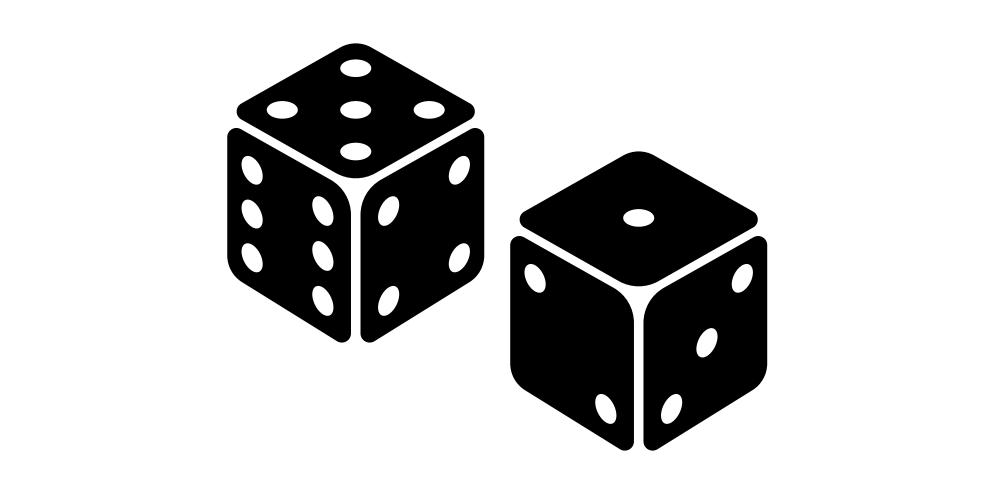
Private





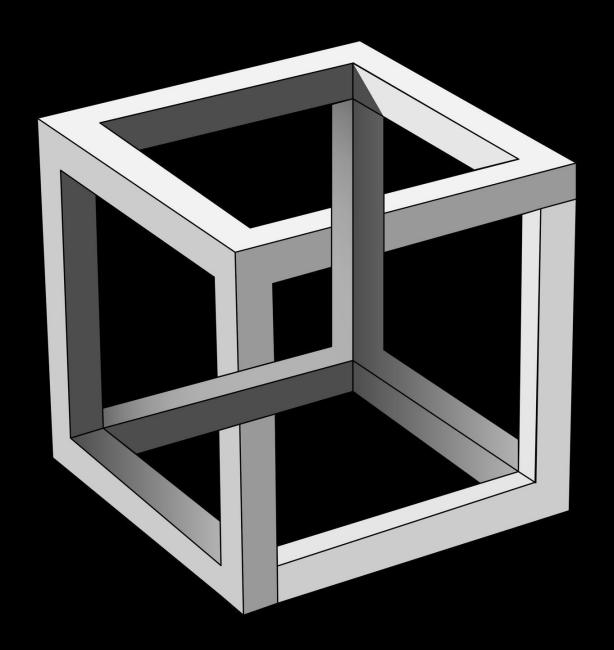


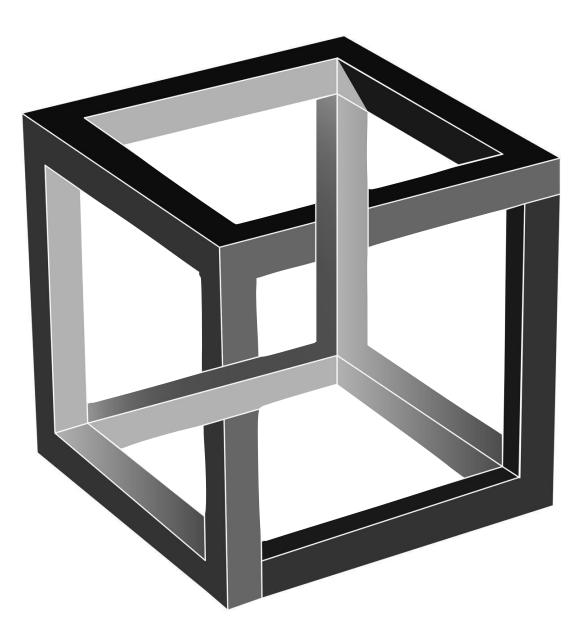












### You can't possess bitcoin.

### You can be possessed by bitcoin.

#### Bitcoin is everywhere.

#### Bitcoin is nowhere.

#### Bitcoin can't be copied.

## Every part of bitcoin can be copied.

## Bitcoin is always changing.

#### Bitcoin is ununchangeable.

### Bitcoin is digital.

#### Bitcoin is Scarce.

#### Bitcoin is dead.

#### Bitcoin is alive.

#### Bitcoin is a buble.

### Bitcoin is the pin.

#### Bitcoin is simple.

#### Bitcoin is complicated.

#### Bitcoin is elegant.

#### Bitcoin is complex.

### Bitcoin is ugly.

#### Bitcoin is beautiful.

#### Bitcoin is worse.

#### Bitcoin is better.

#### Bitcoin is worthless.

## Bitcoin is too expensive.

#### Bitcoin is finite.

#### Bitcoin is endless.

#### Bitcoin is private.

### Bitcoin is transparent.

### Bitcoin is energy-intensive.

#### Bitcoin is efficient.

#### Bitcoin is slow.

## Bitcoin is fast as lightning.

### Bitcoin can't be confiscated.

#### Bitcoin can be lost.

#### Bitcoin is text.

#### Bitcoin is money.

#### Bitcoin is time.

#### Bitcoin is energy.

#### Bitcoin is savings.

### Bitcoin is streaming money.

#### Bitcoin is conservative.

### Bitcoin is progressive.

#### Bitcoin is political.

### Bitcoin is apolitical.

#### Bitcoin is lawless.

#### Bitcoin is the law.

#### Bitcoin is math.

# Bitcoin is physics.

# Bitcoin is religion.

#### Bitcoin is atheism.

# Bitcoin requires randomness.

#### Bitcoin creates order.

# Bitcoin price is important.

# Bitcoin price is unimportant.

### Bitcoin pays people.

# Bitcoin can't go bankrupt.

## Bitcoin is intangible.

# Bitcoin is incorruptible.

#### Bitcoin has rules.

#### Bitcoin has no rules.

#### Bitcoin is Love.

#### Bitcoin is Fuck You!

#### Bitcoin is a chain.

### Bitcoin ends slavery.

-Ben Gunn

# Bitcoin is 12 words in your head.

#### Bitcoin is 21 Million.

# Bitcoin is knowledge.

### Bitcoin is knowledge.

# Knowledge is power.

#### Asymmetry

#### of power via

knowledge

asymmetry.

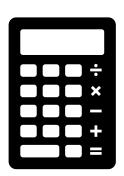
### Hard to produce.

# Easy to verify.

### Hard to produce.

### Easy to verify.





### Hard to produce.

### Easy to verify.





# Valid signature.

#### Valid block.





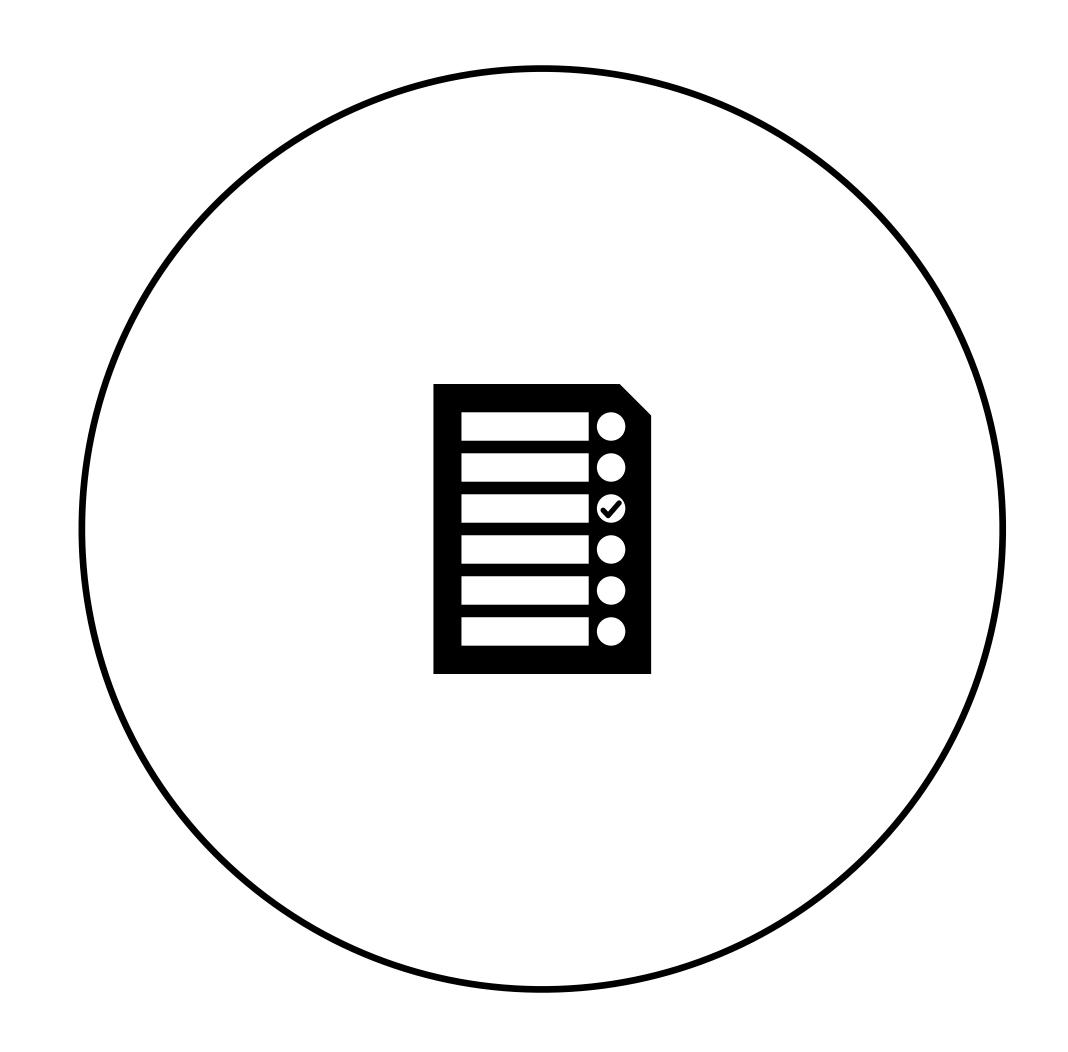
# Valid signature.

#### Valid block.

Private
Public



Private



**Public** 



Local



Global

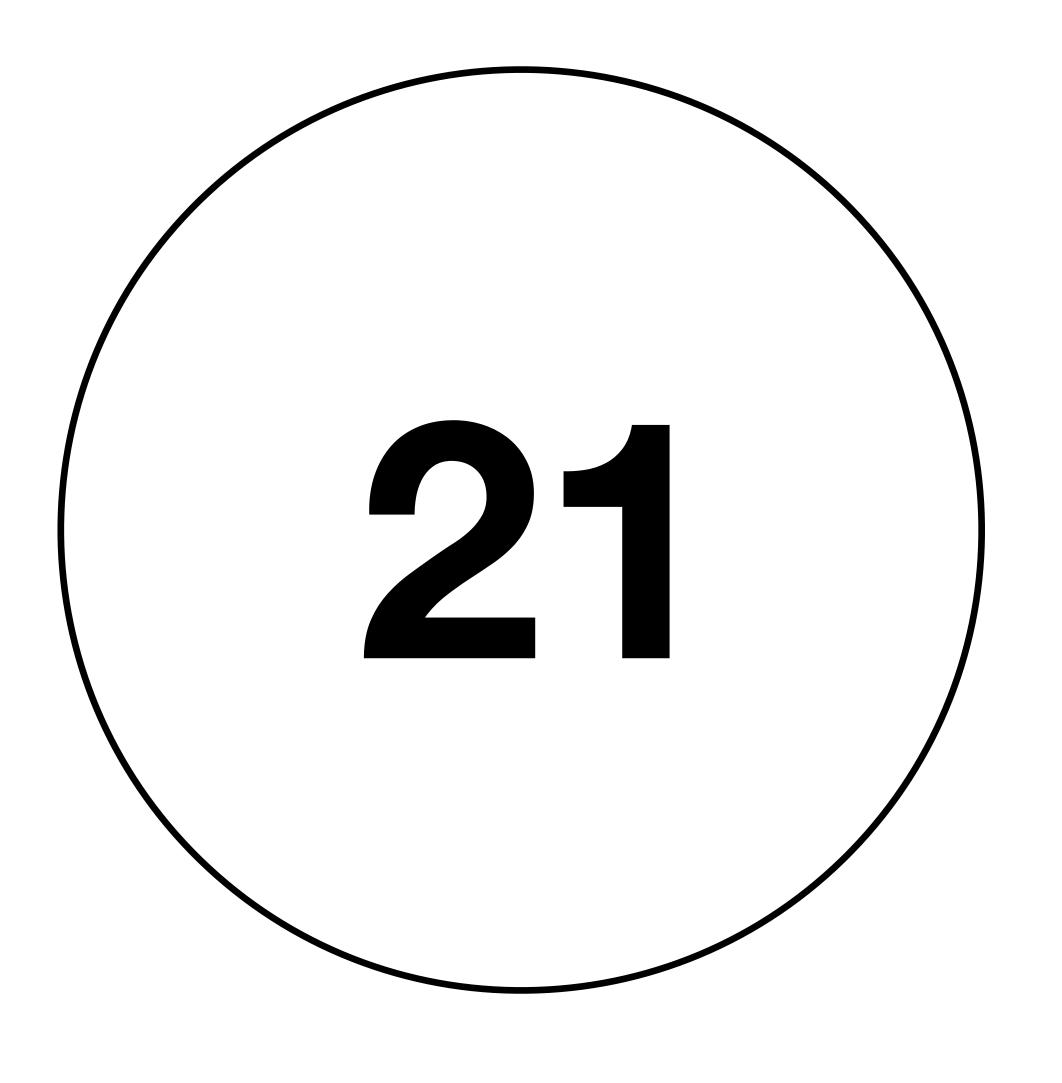


**Secret Information** 

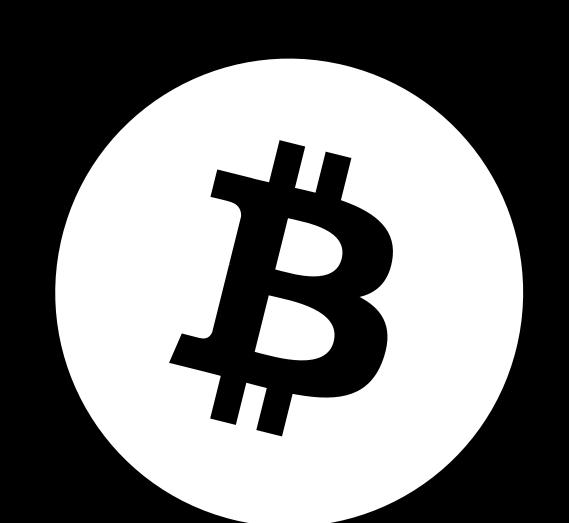


**Public Information** 

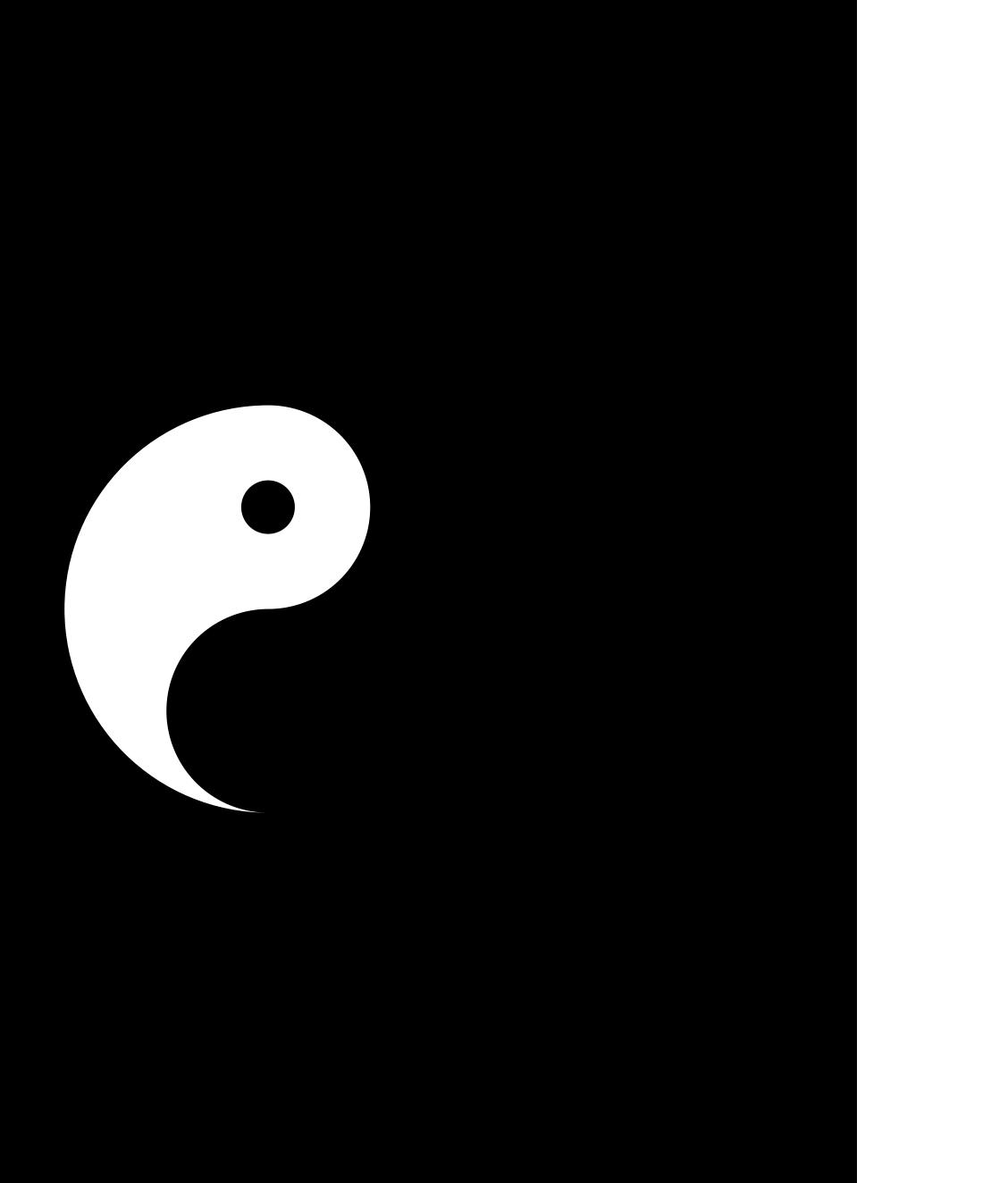


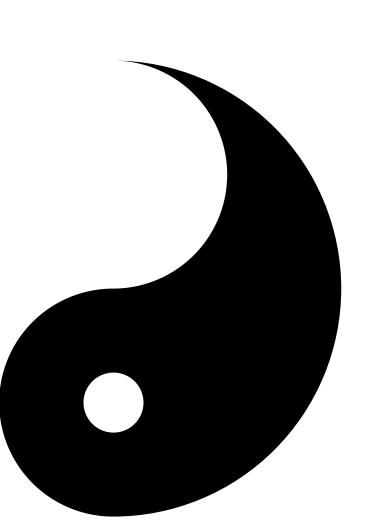


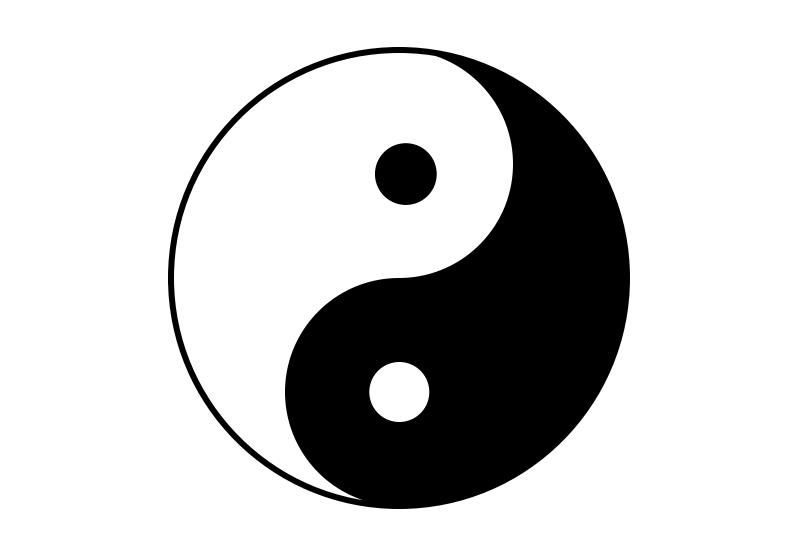
Million



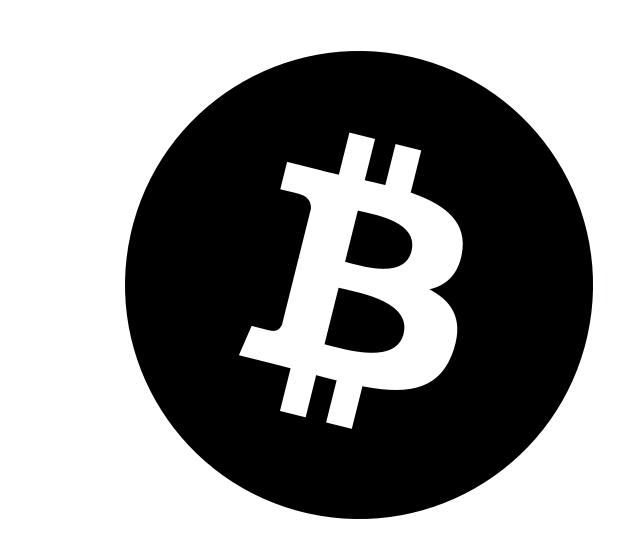


















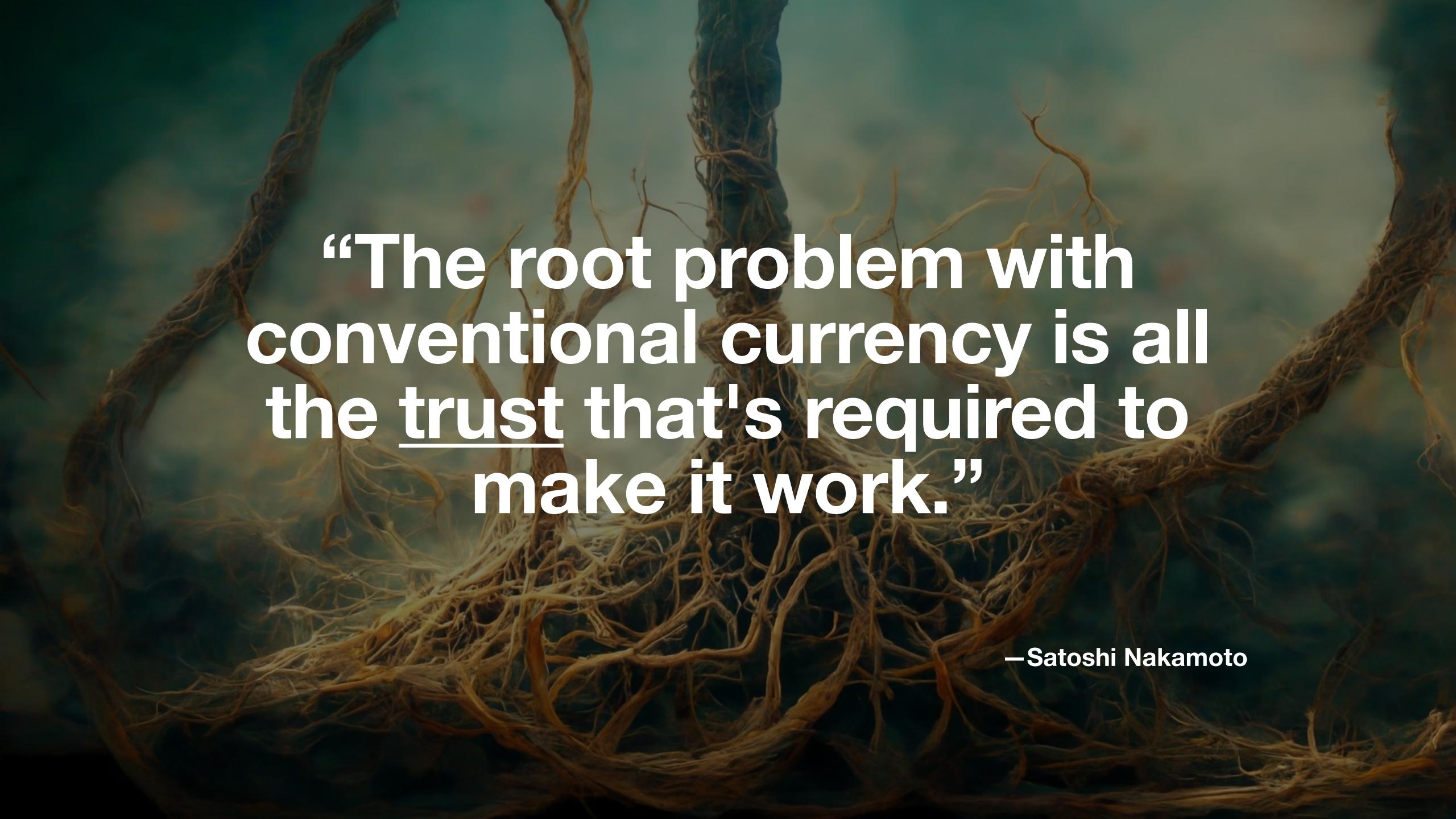




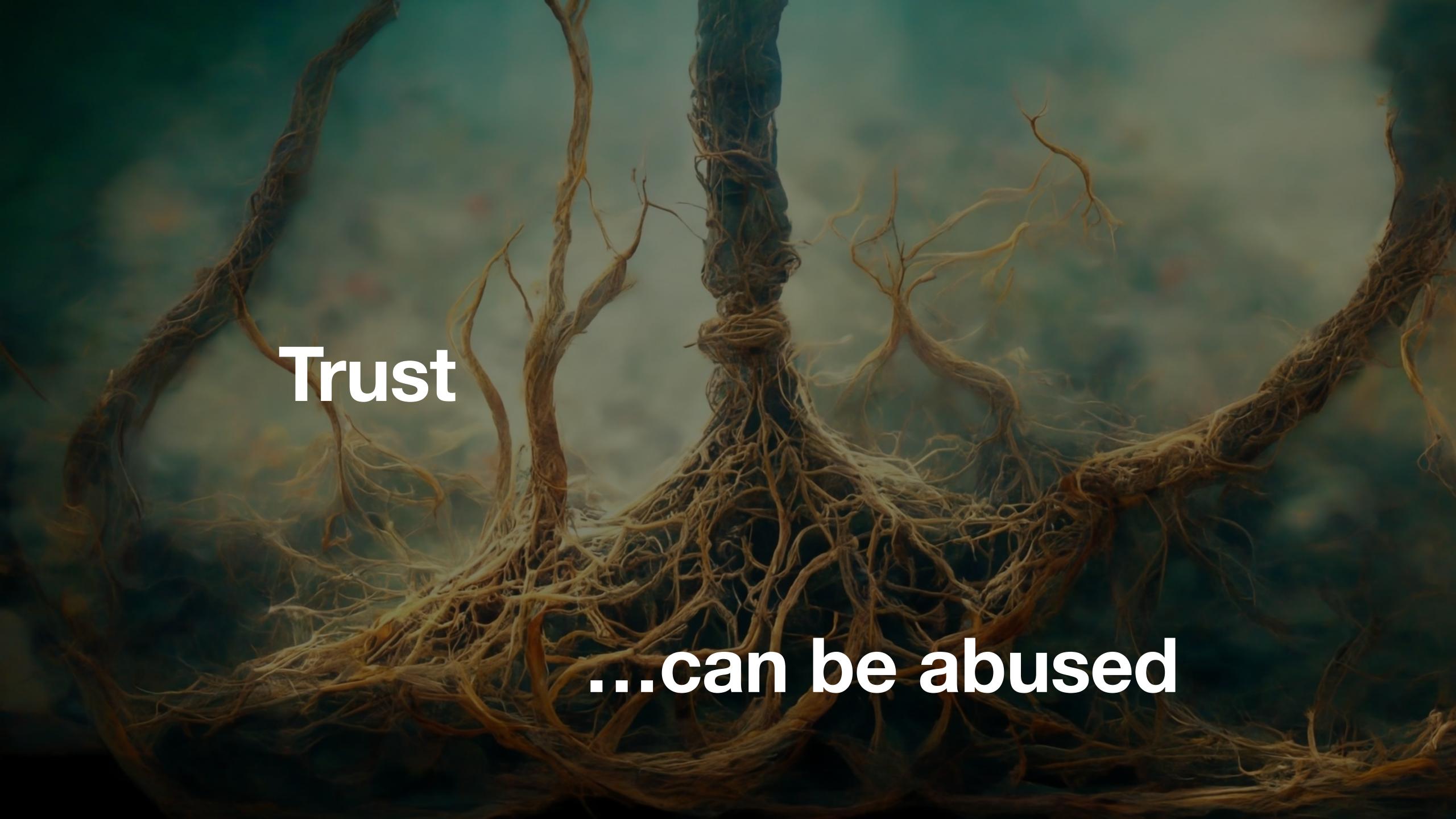




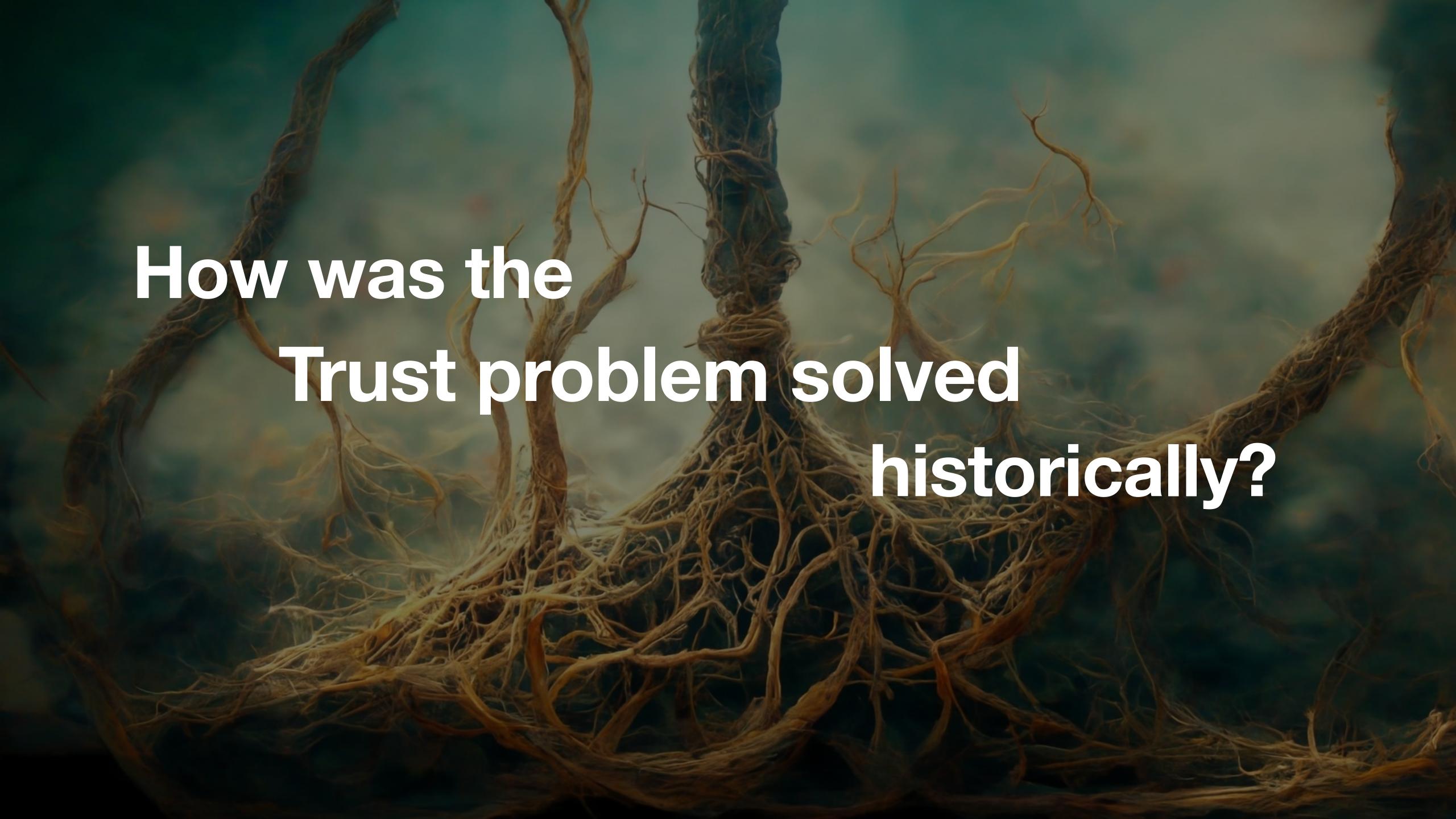




















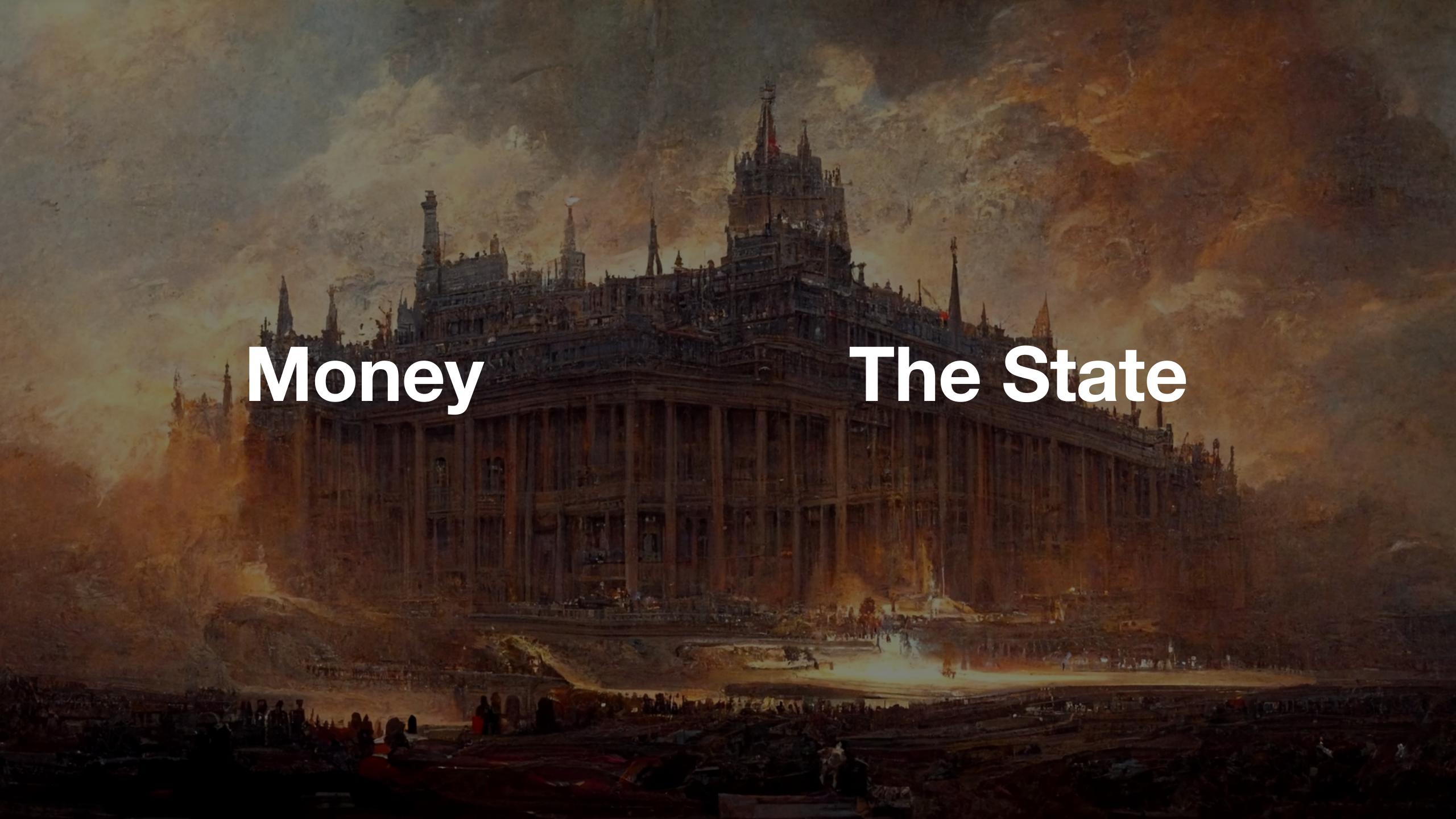




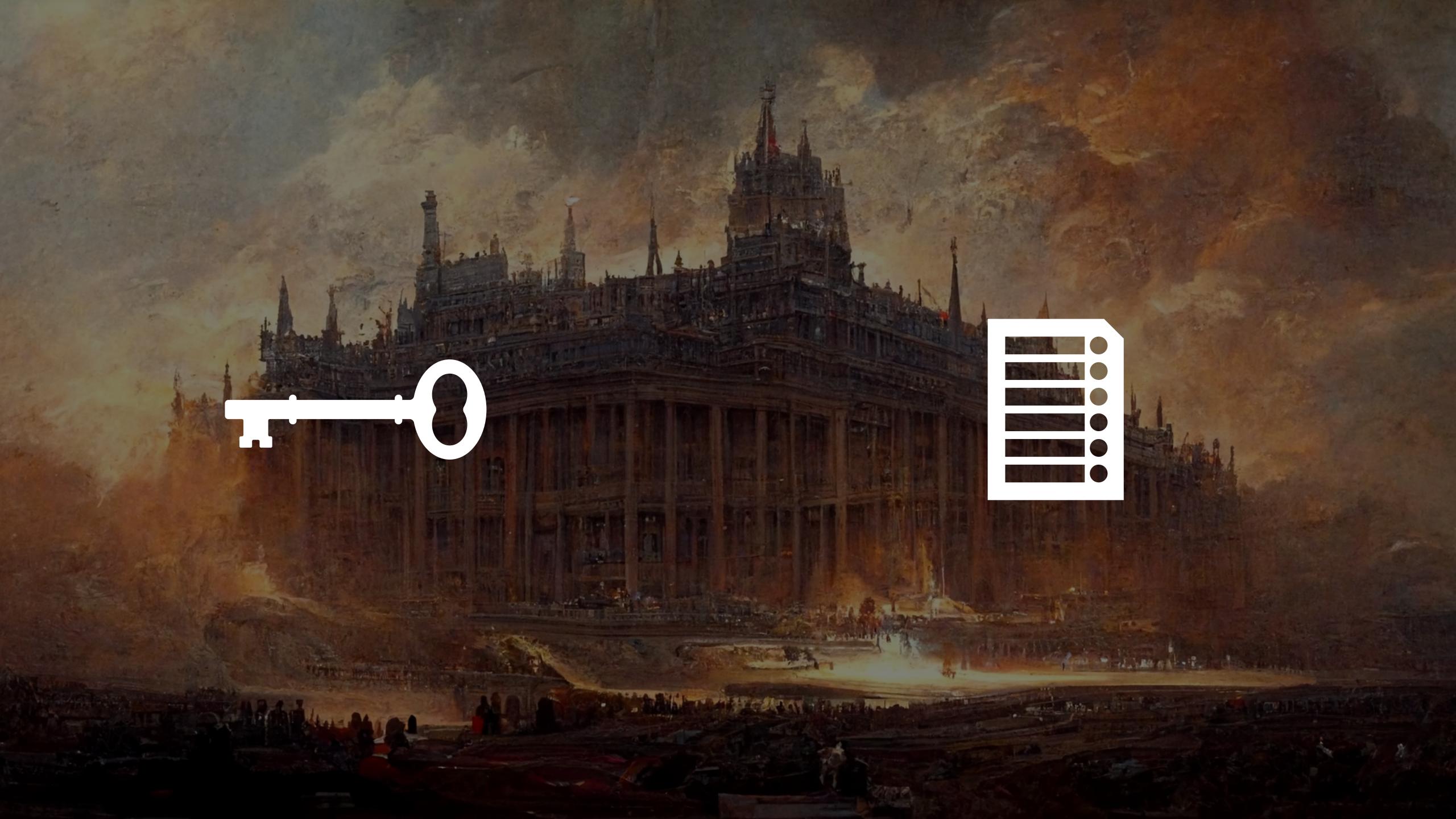










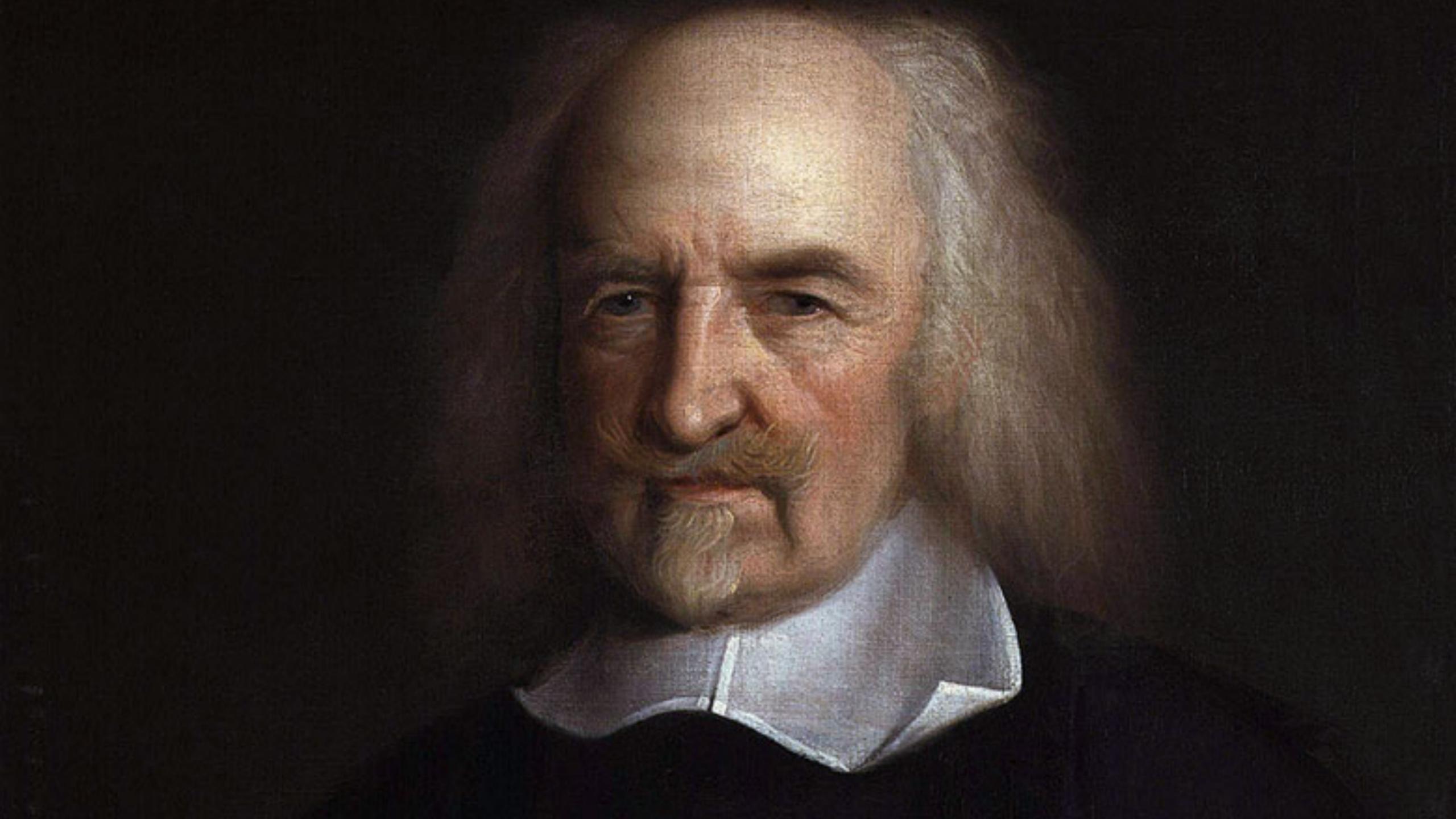


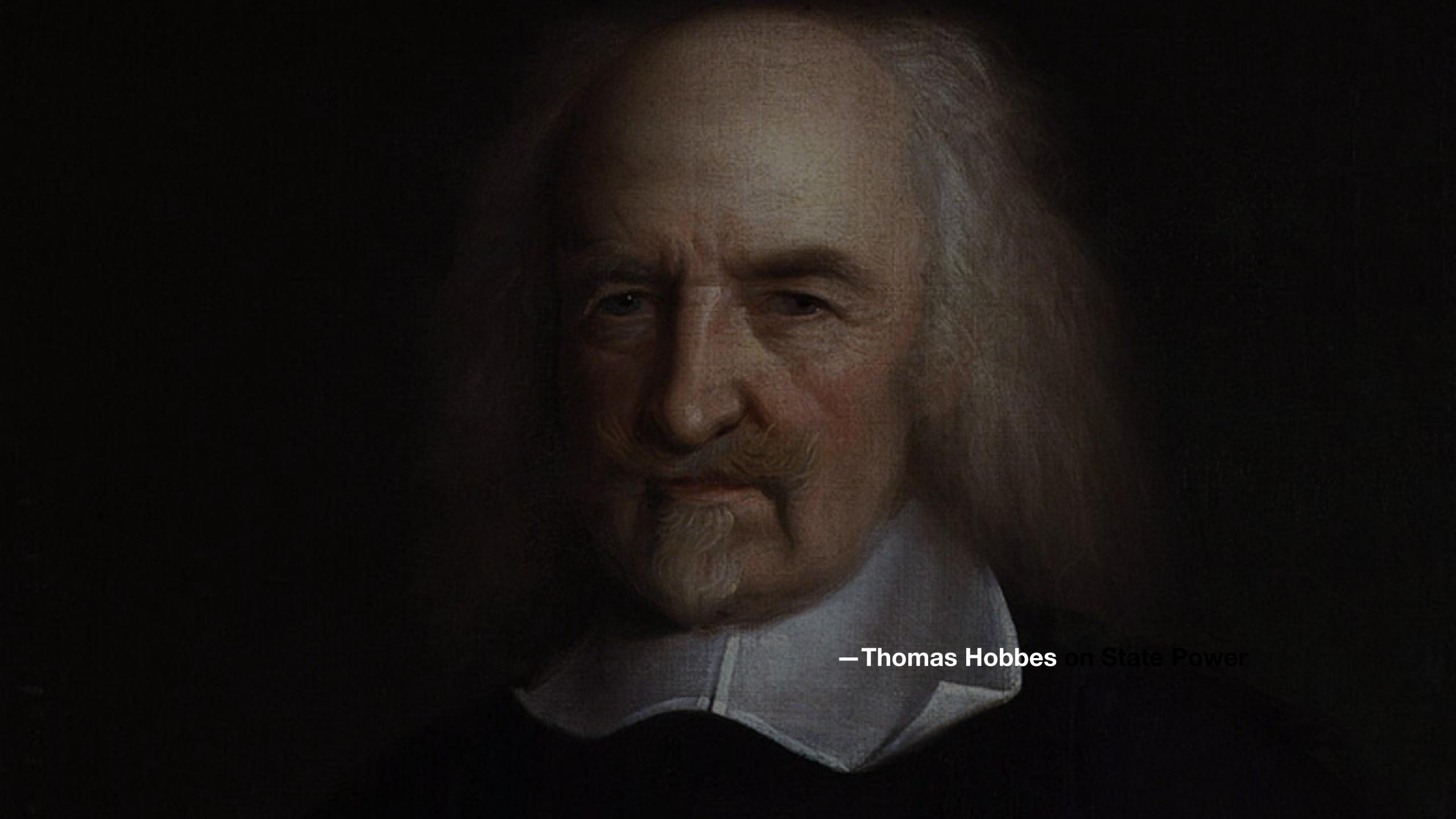






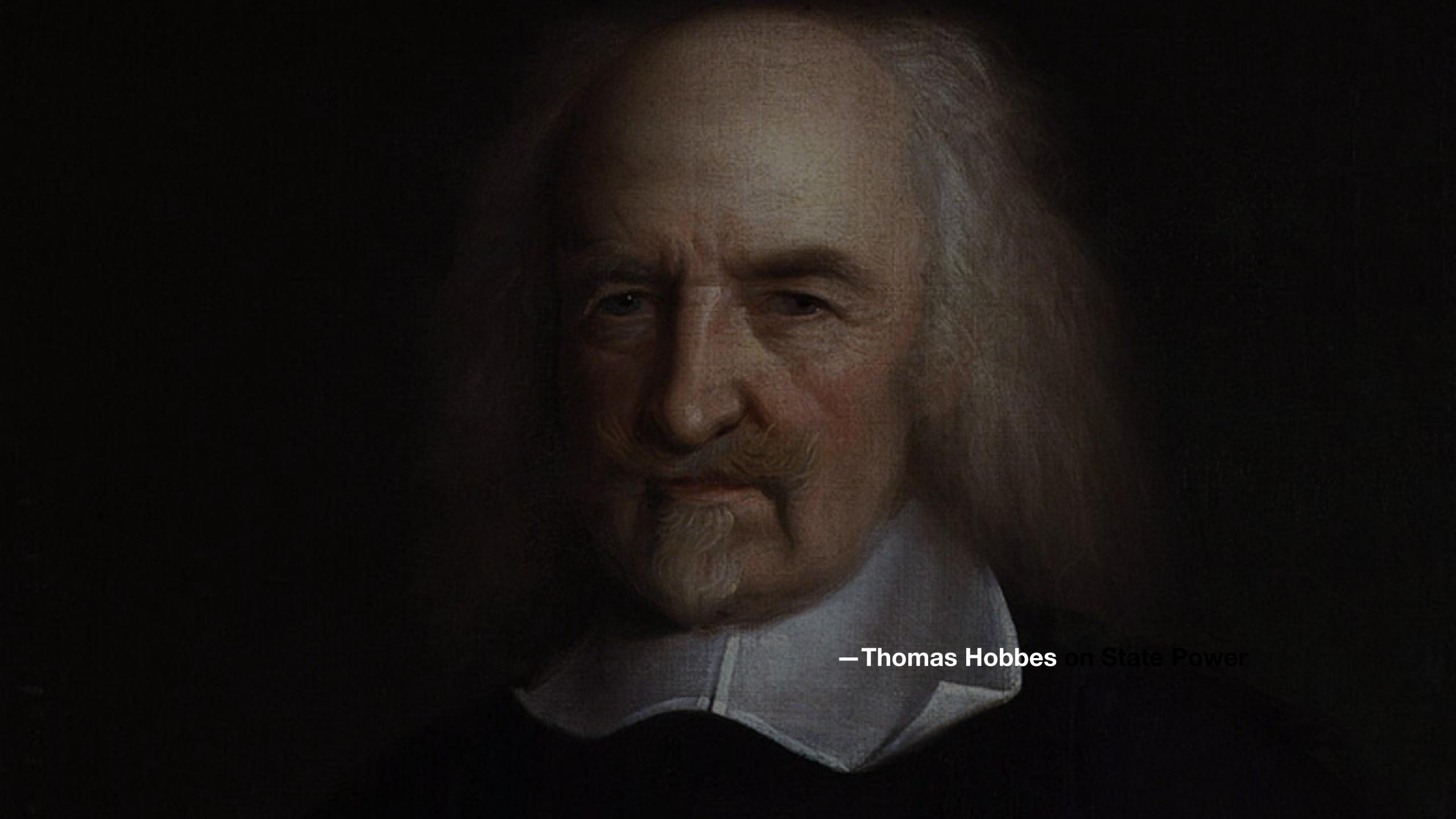






## "Authority, not truth creates legitimacy."

-Thomas Hobbes on State Power





## "Truth, not authority creates legitimacy."

-Erik Cason on Bitcoin Power

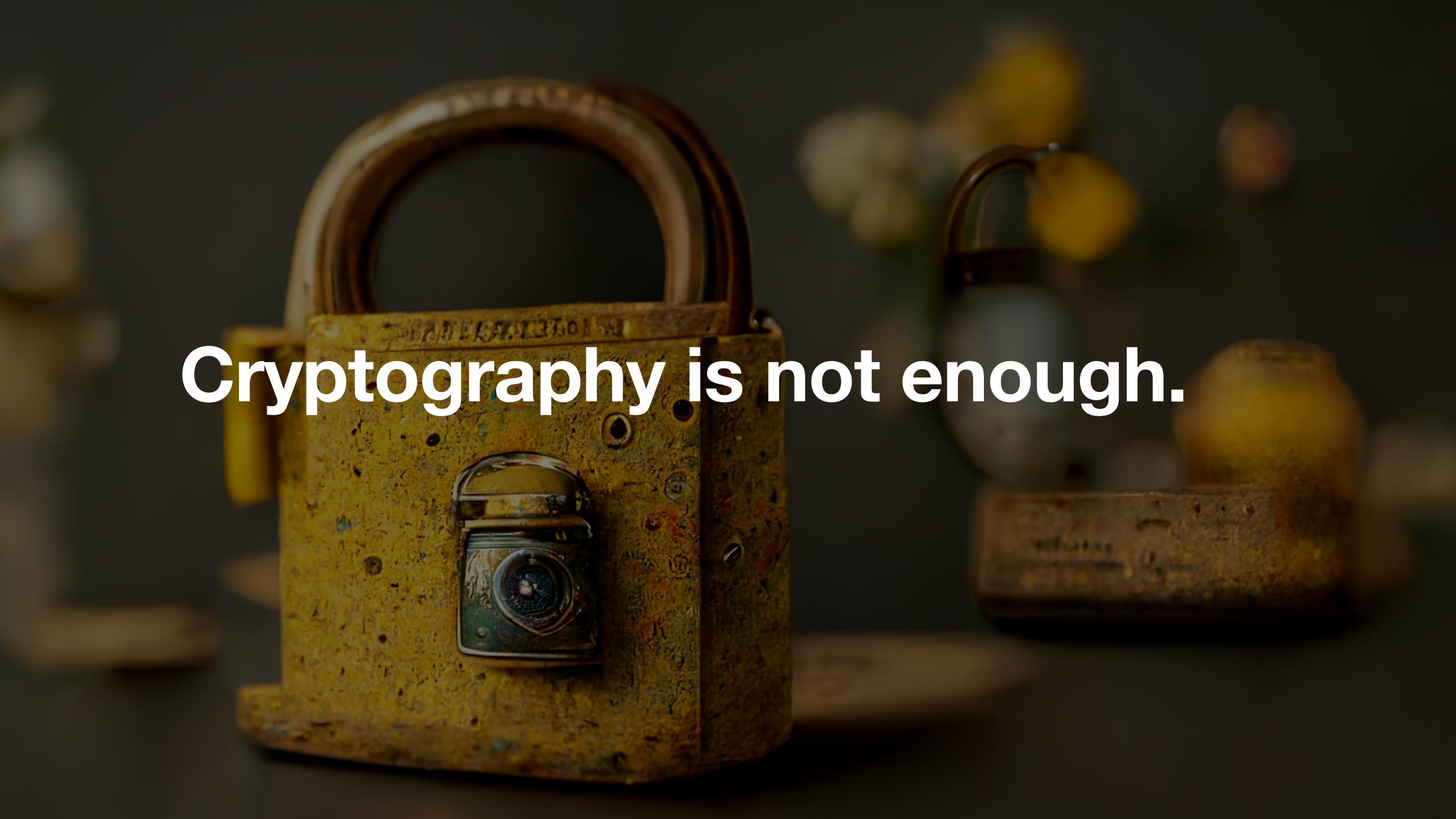
## Reclaim "Crypto"









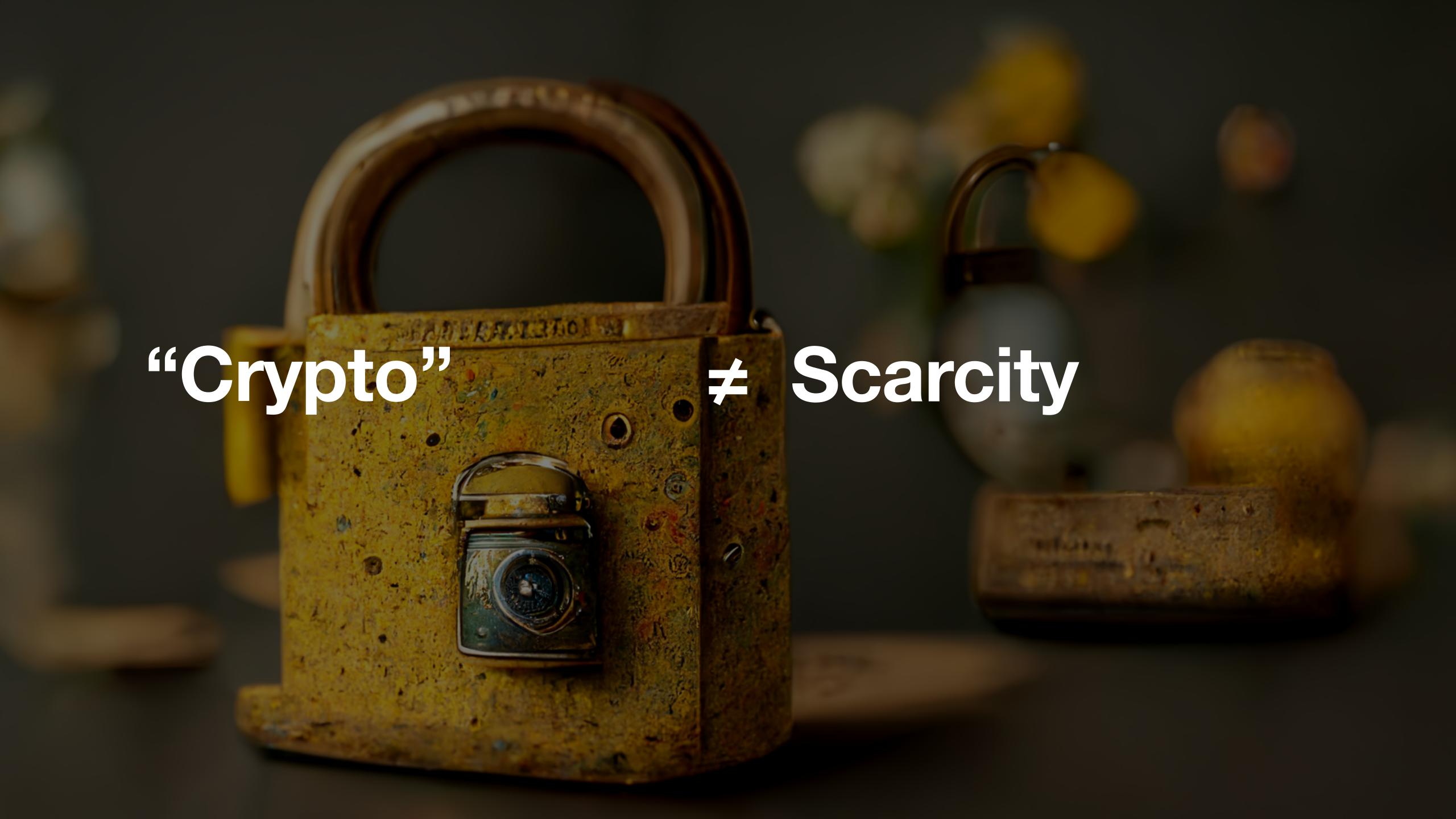


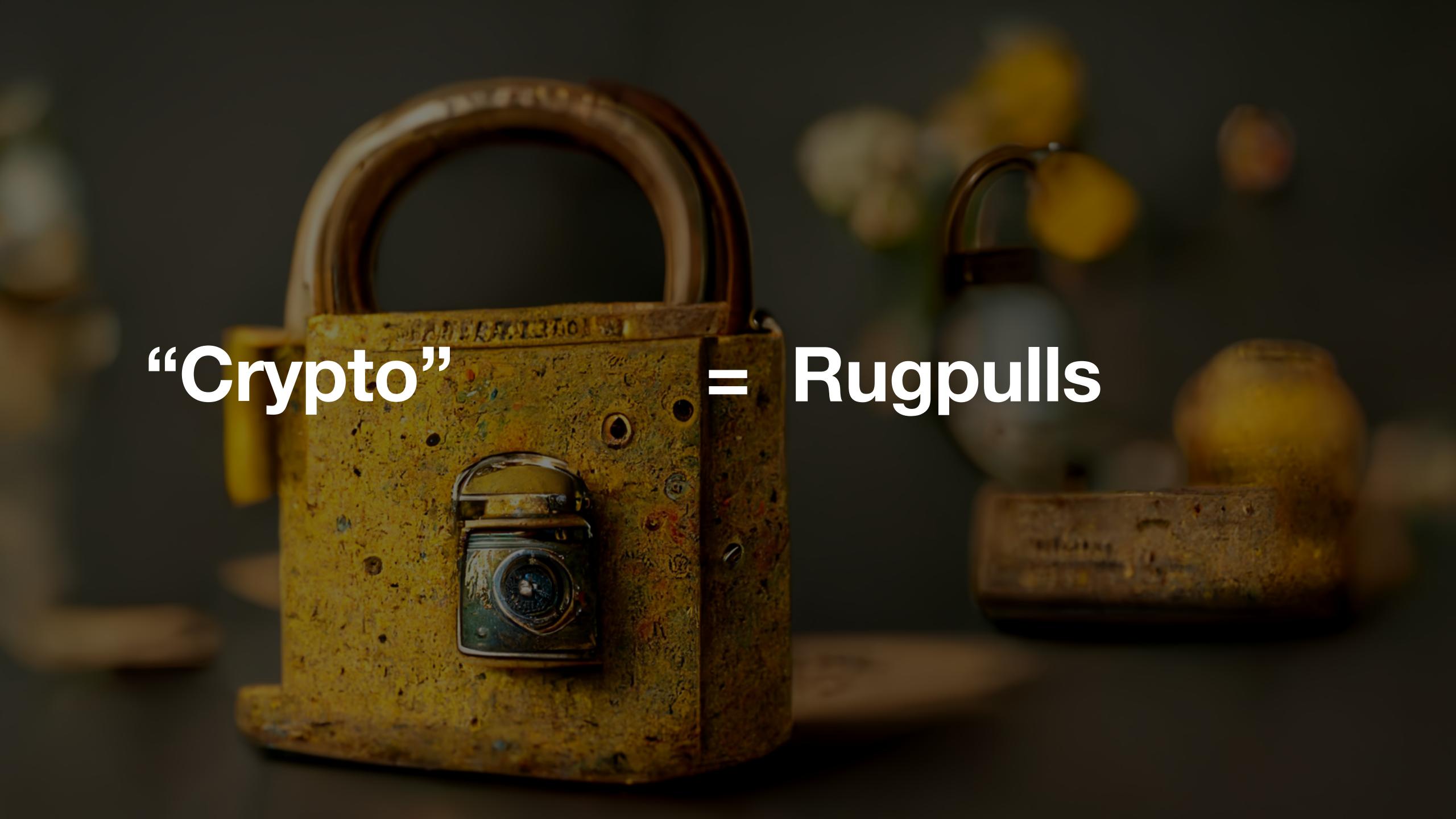














## "It ain't what you don't know that gets you into trouble.

It's what you know for sure that just ain't so."

-Mark Twain on Rugpulls



























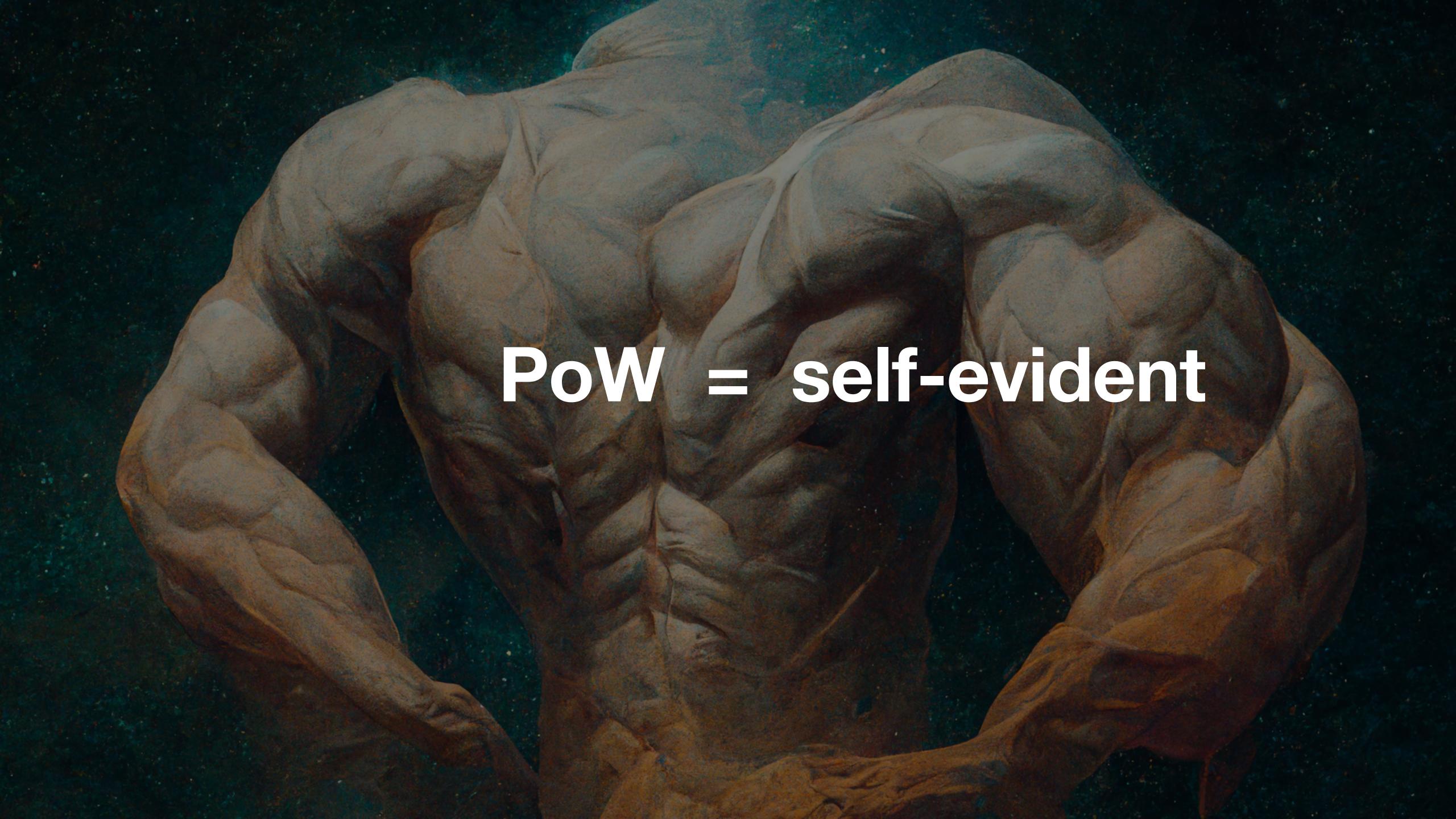




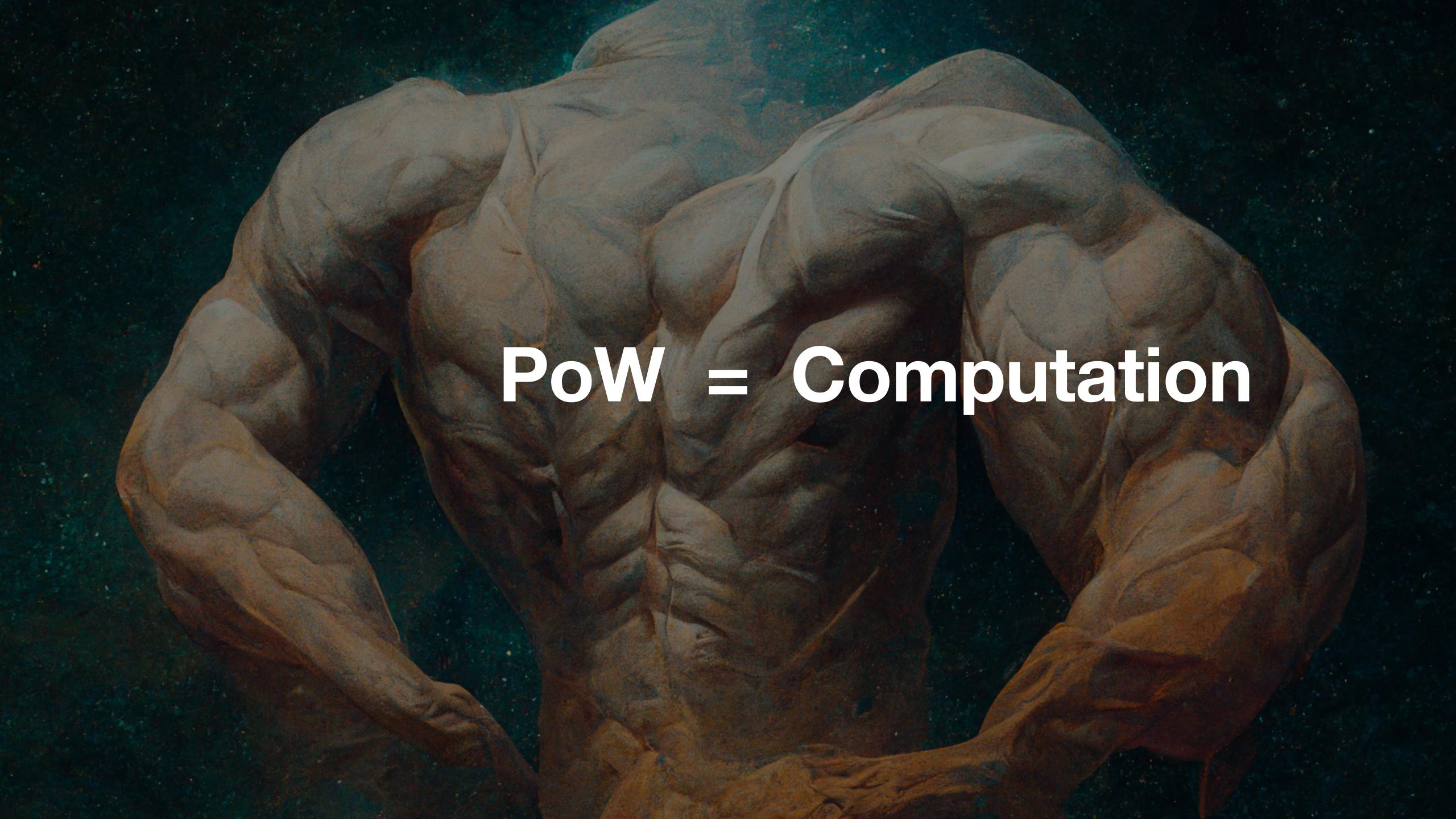


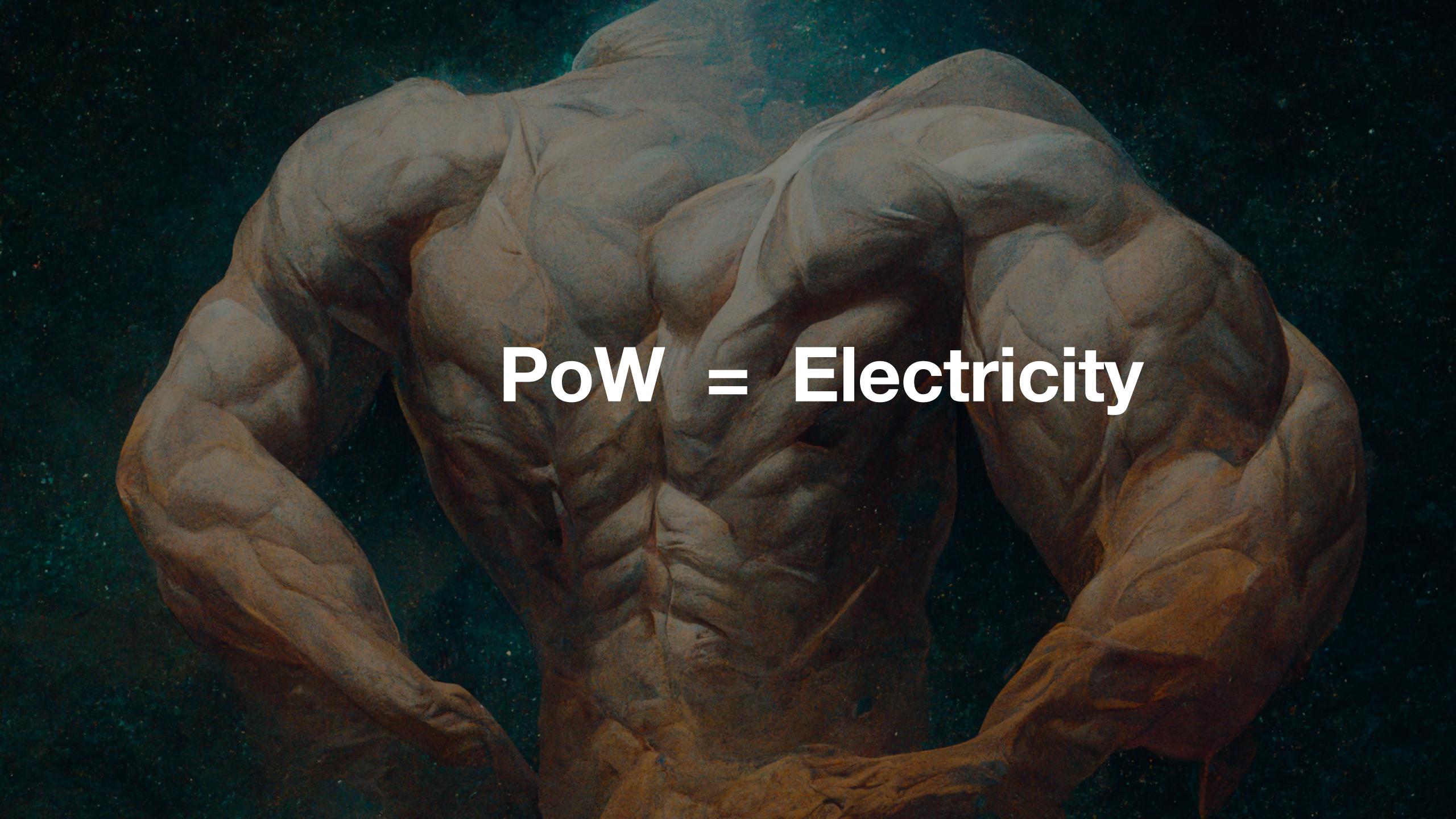


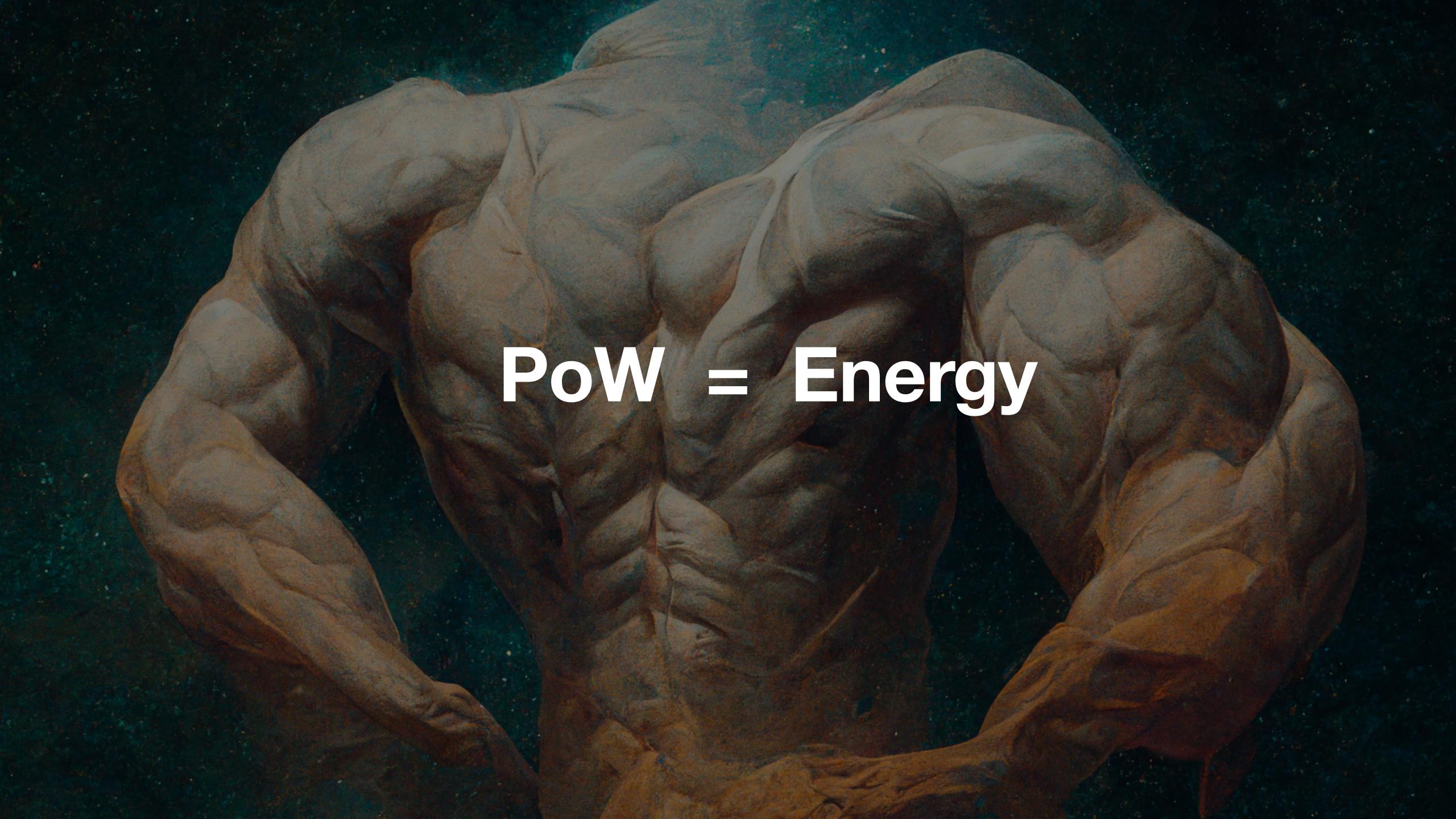


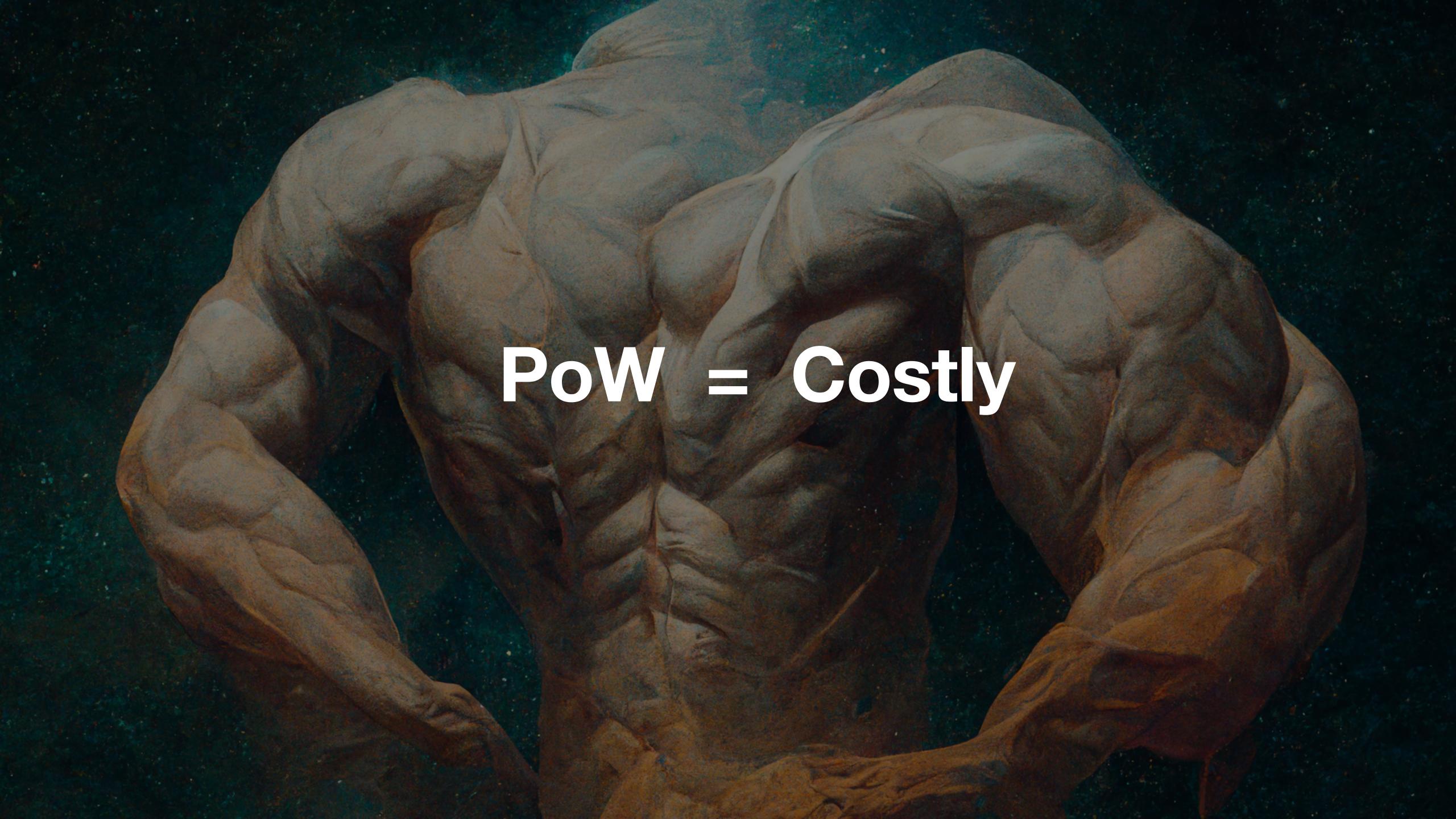






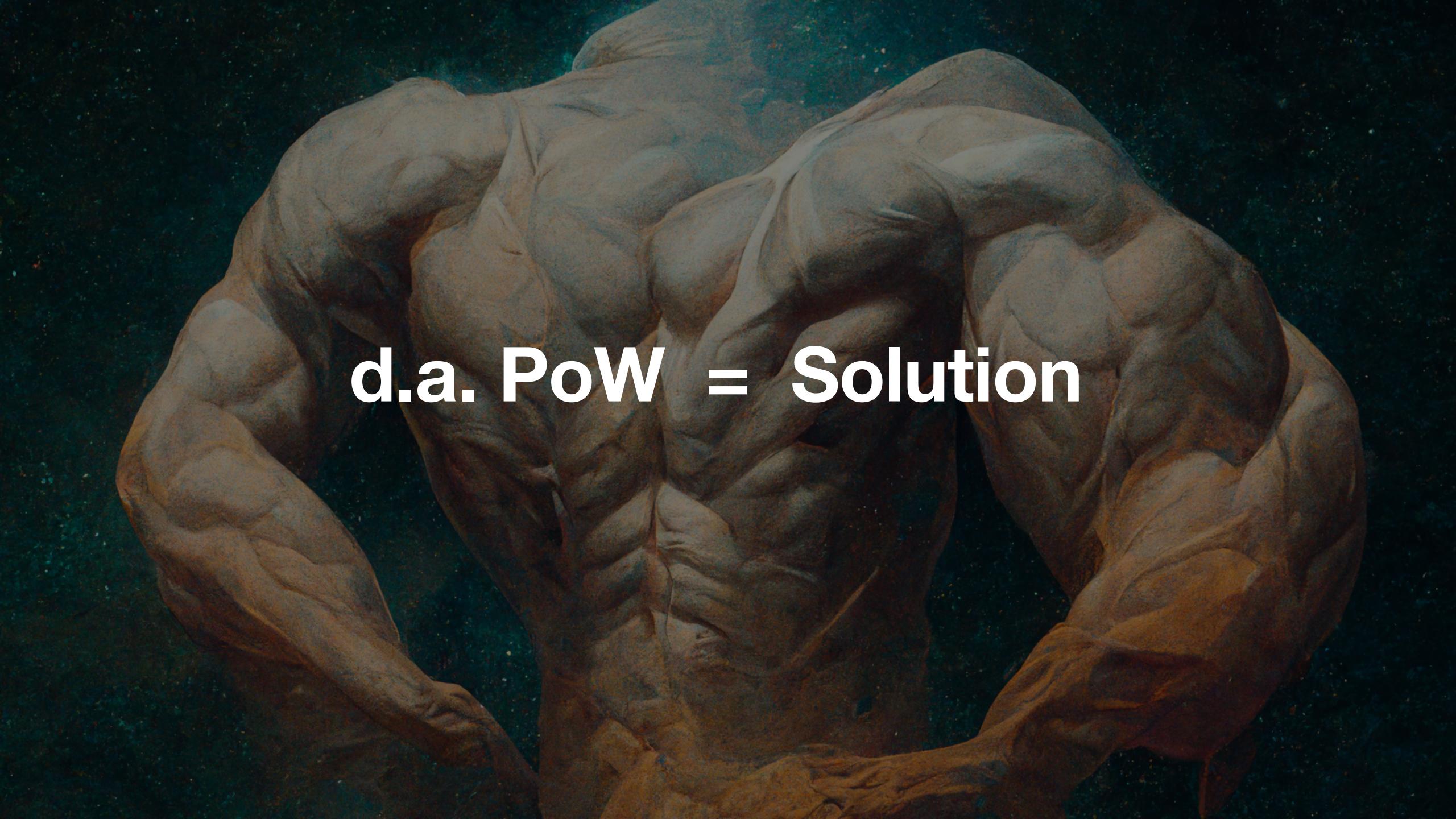








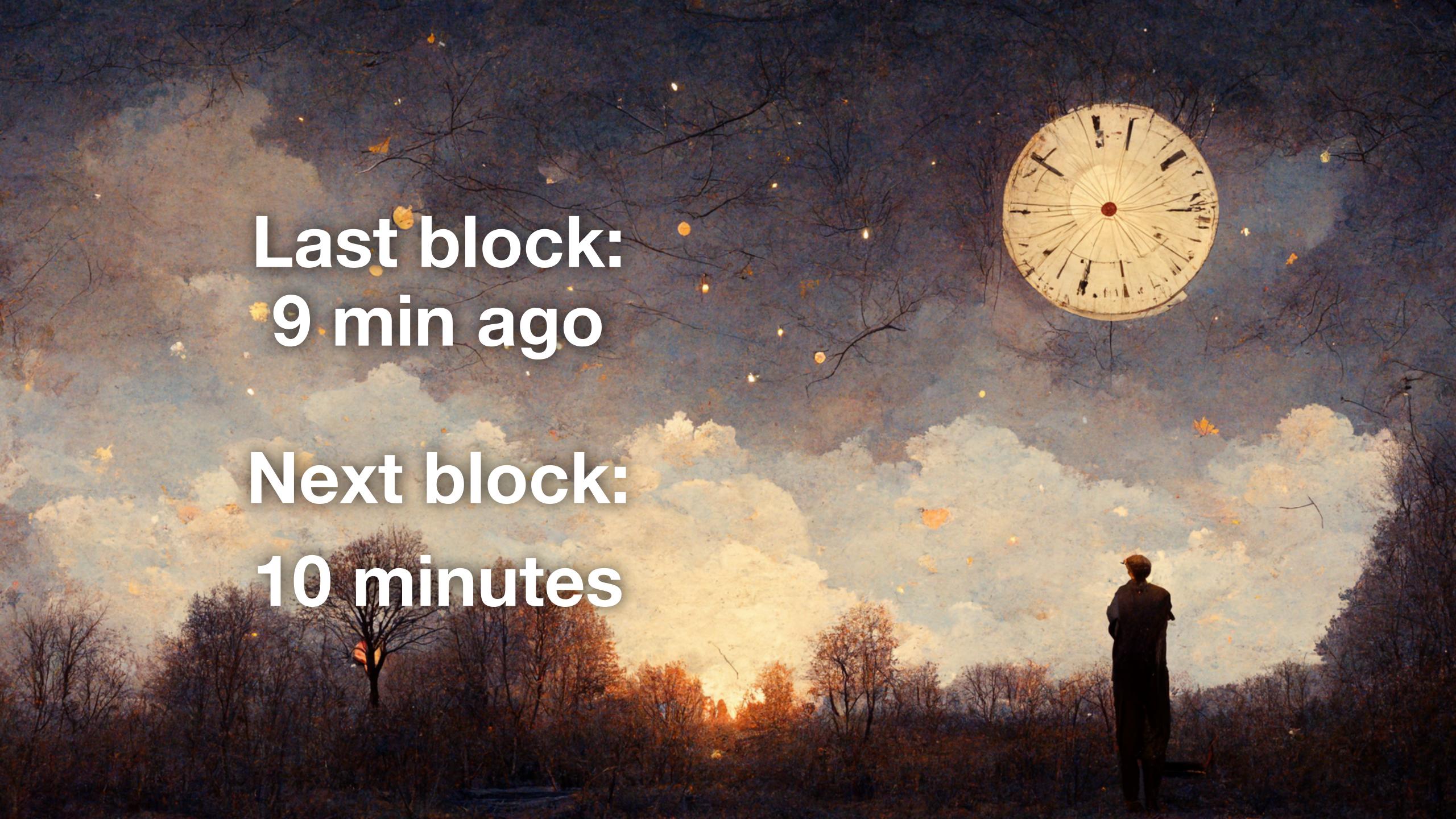










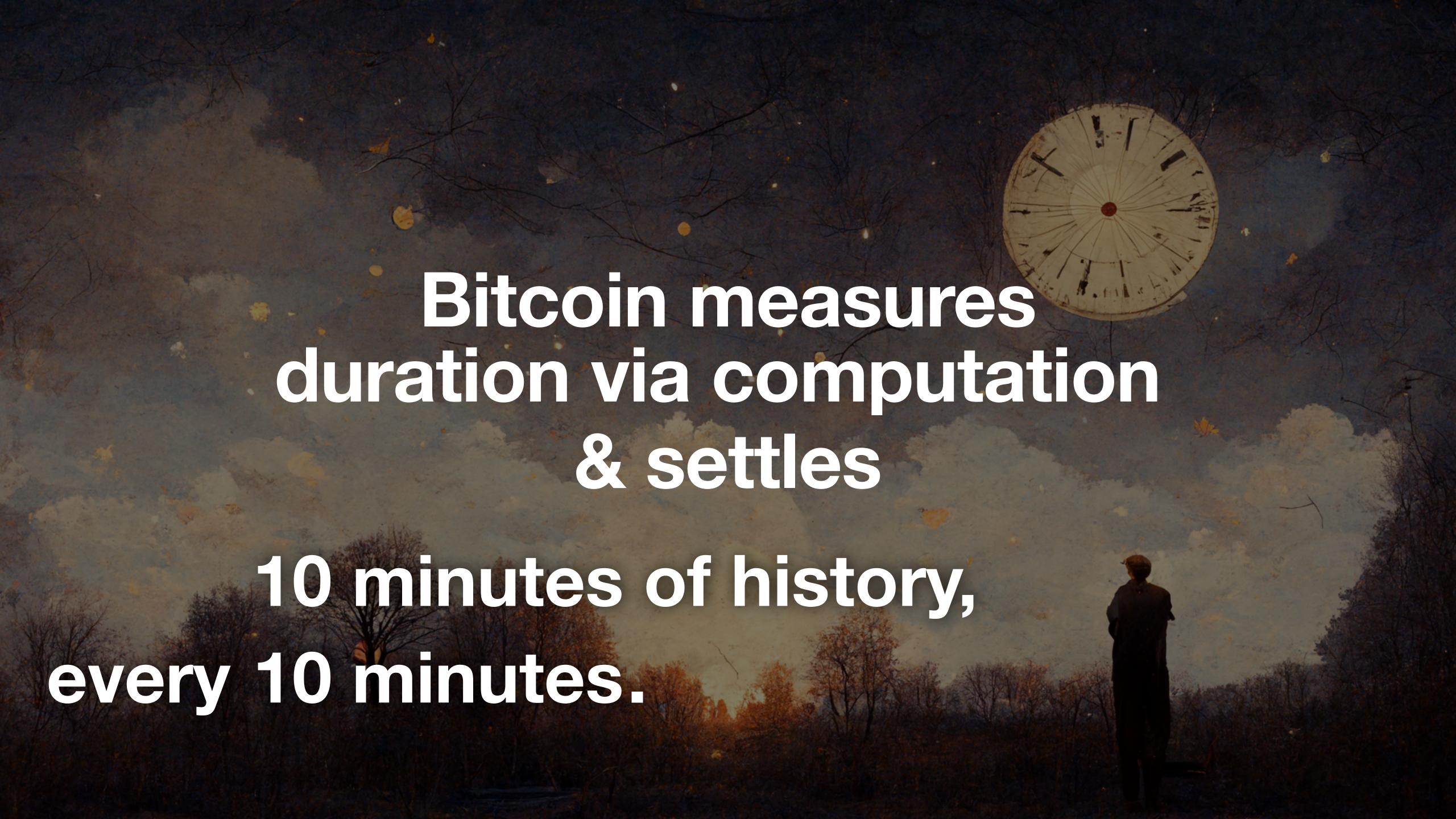




Every 10 minutes, reality asserts itself. Every 10 minutes, truth emerges. Every 10 minutes, past becomes stone. Every 10 minutes, information is reified.















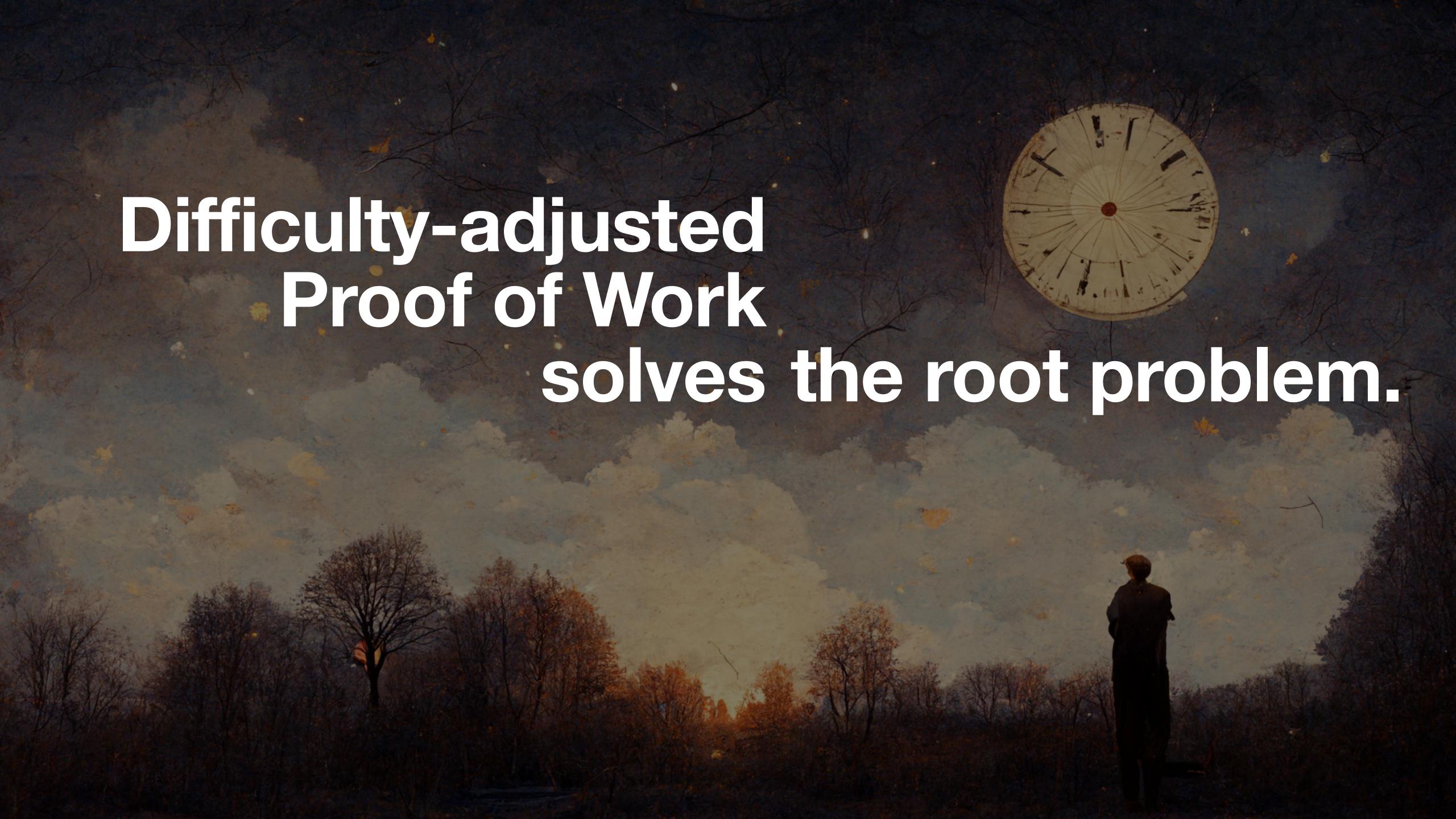


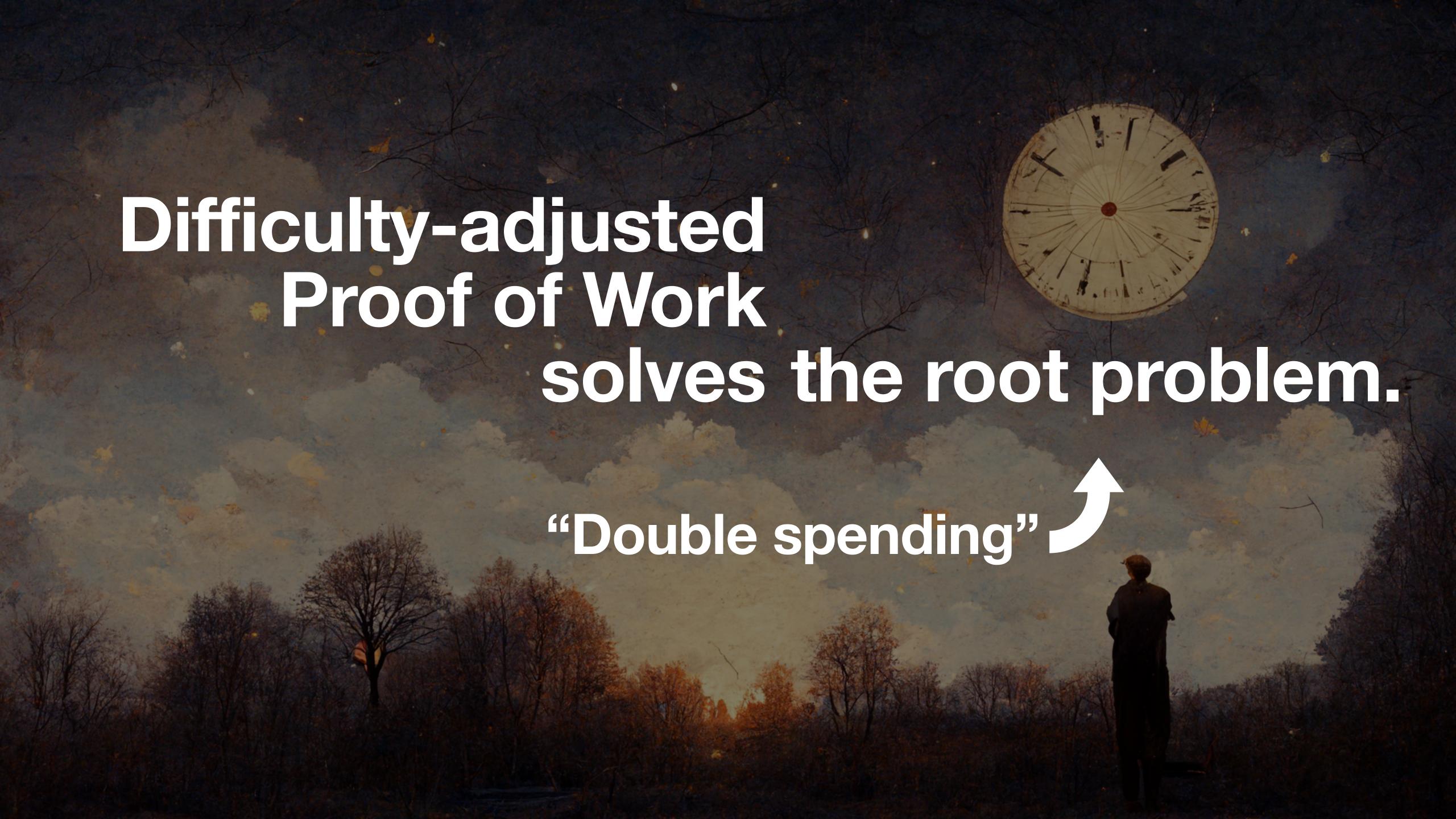






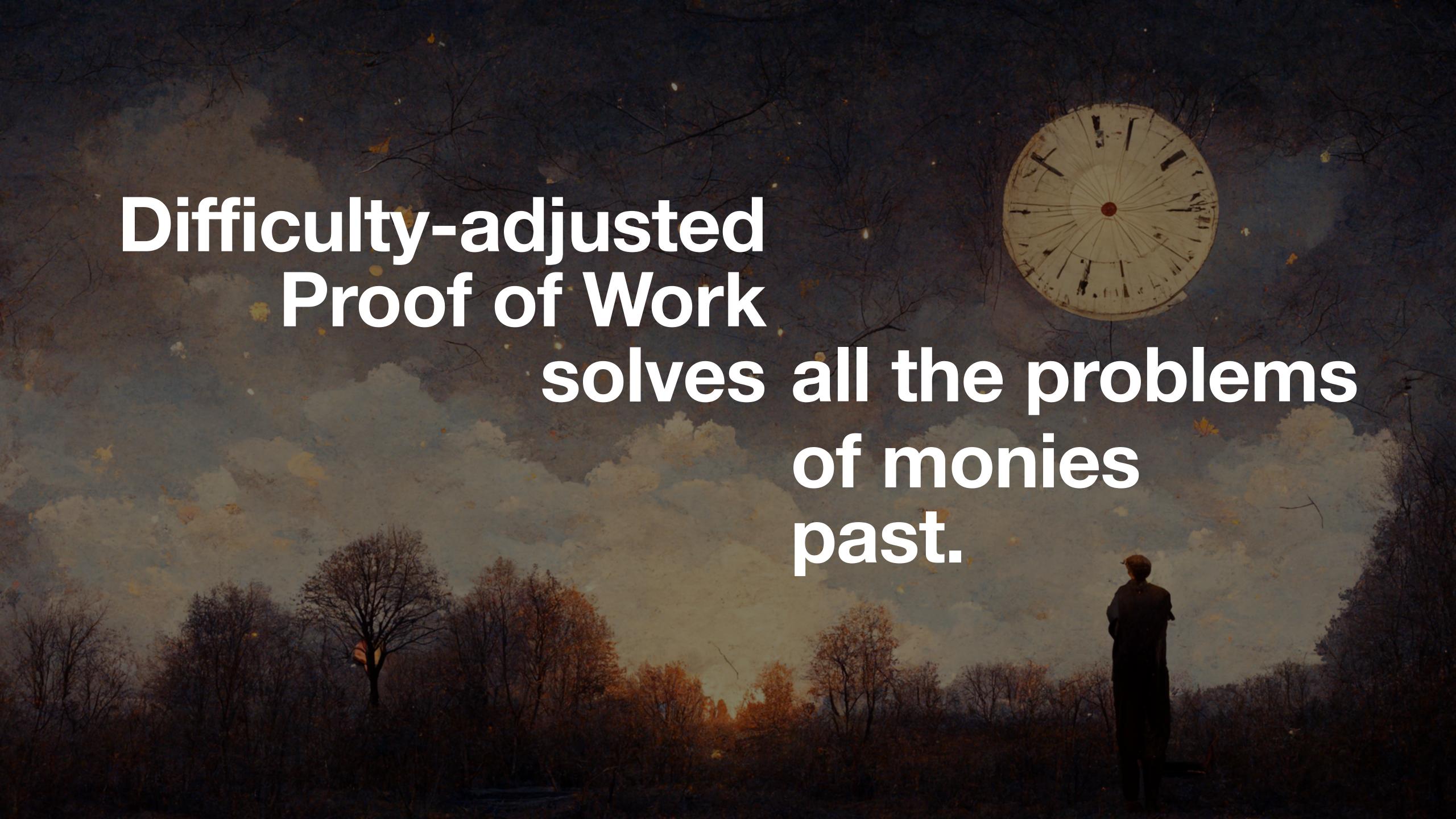
















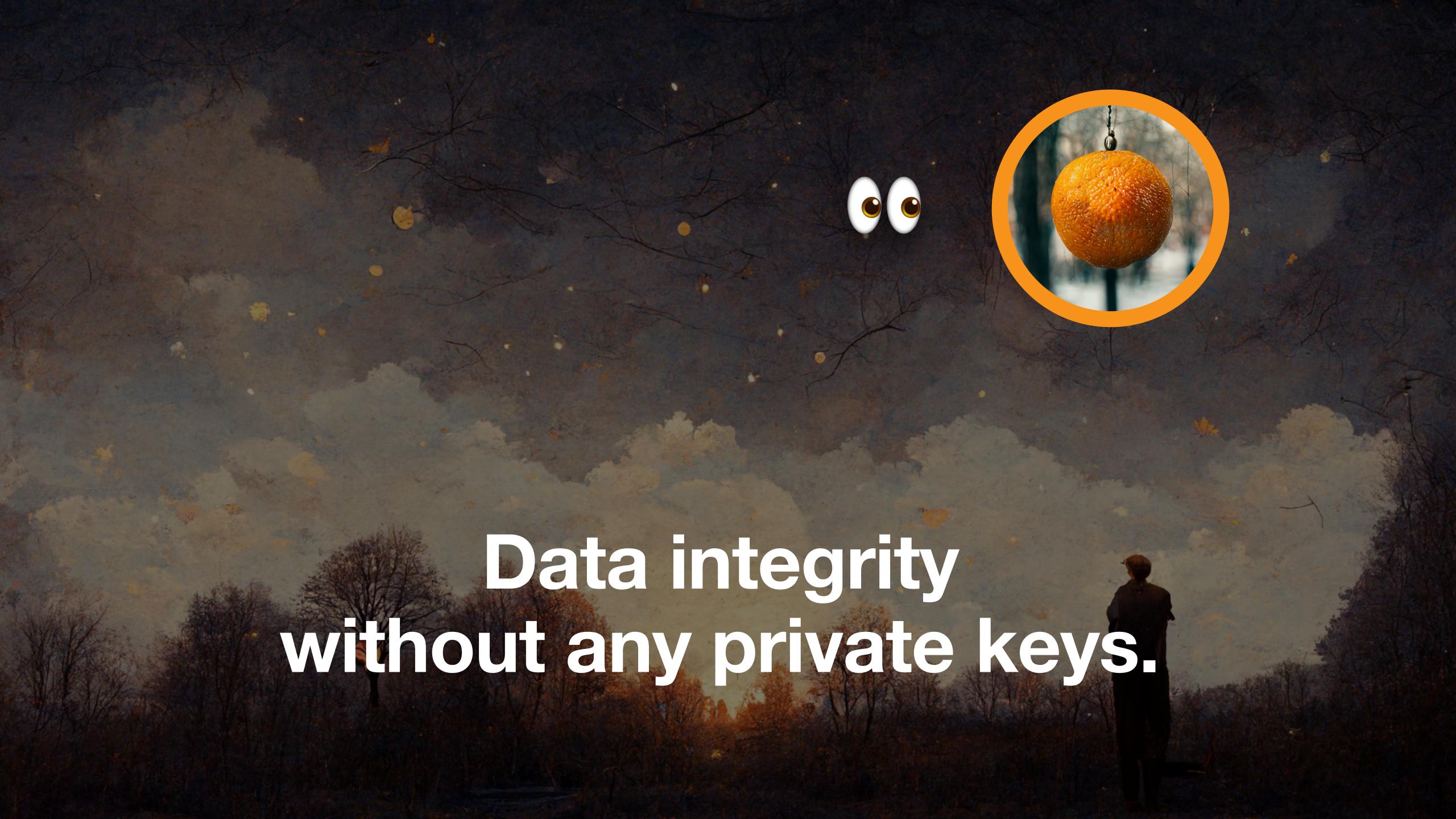










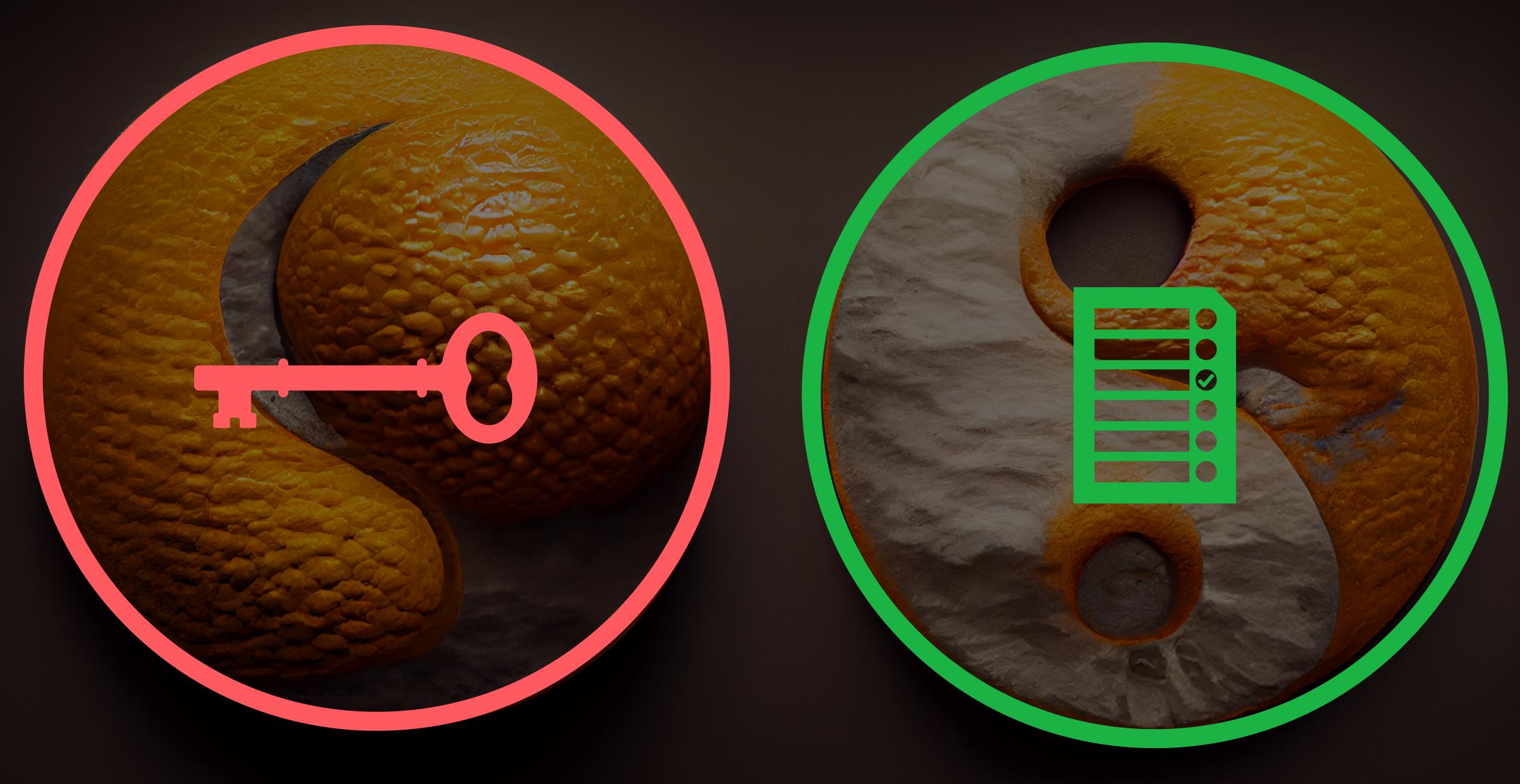






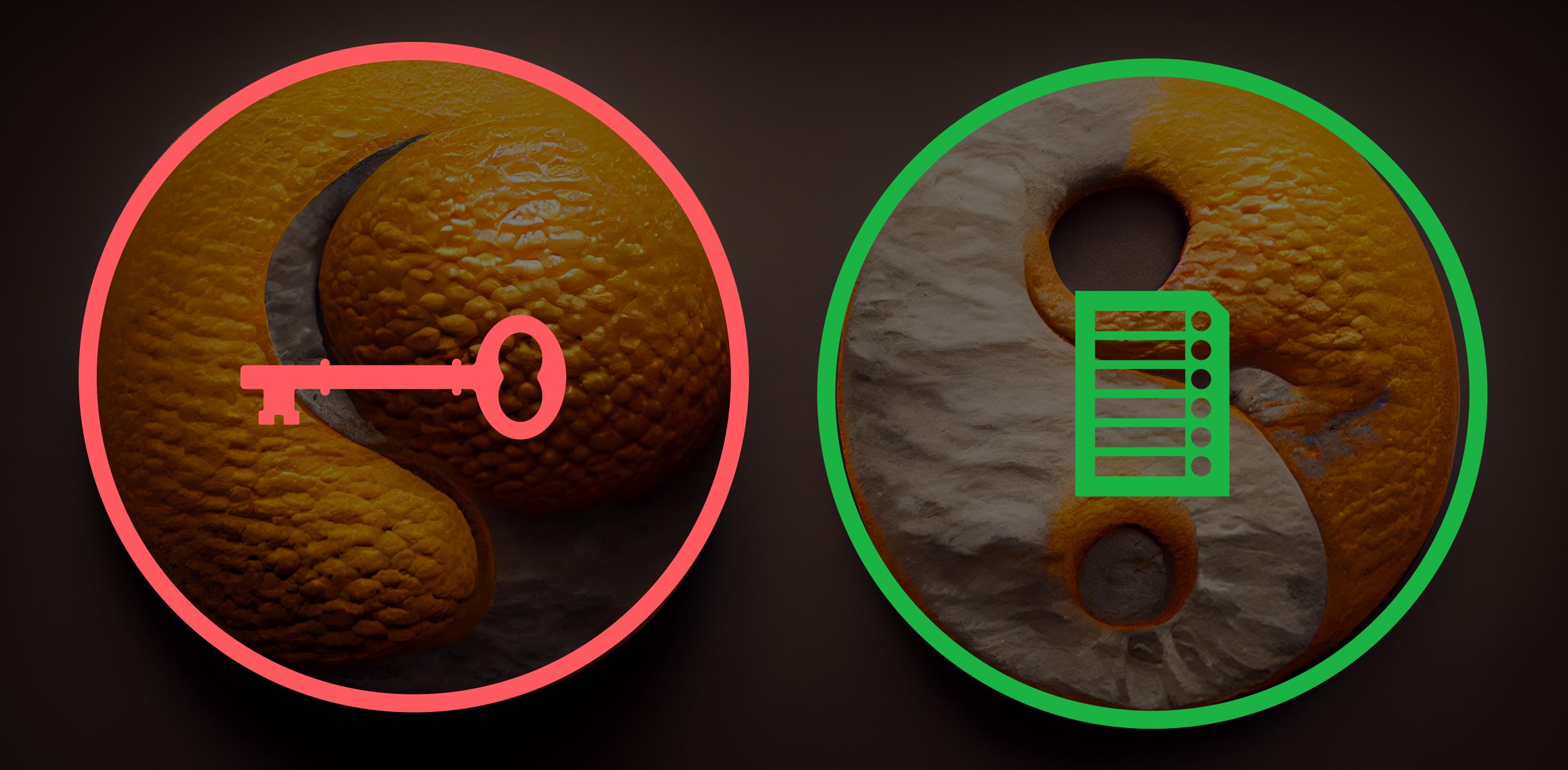


Words Million

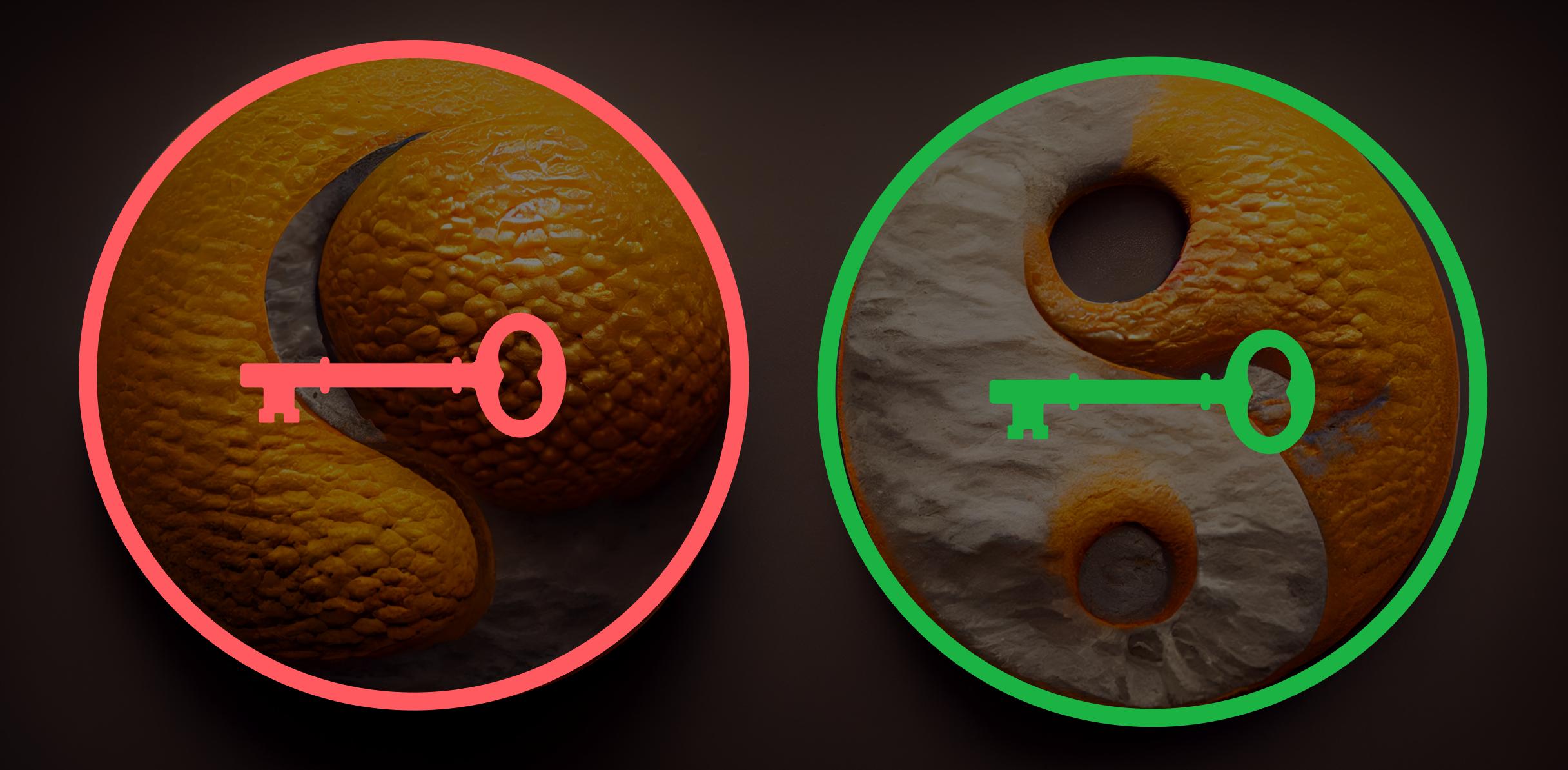


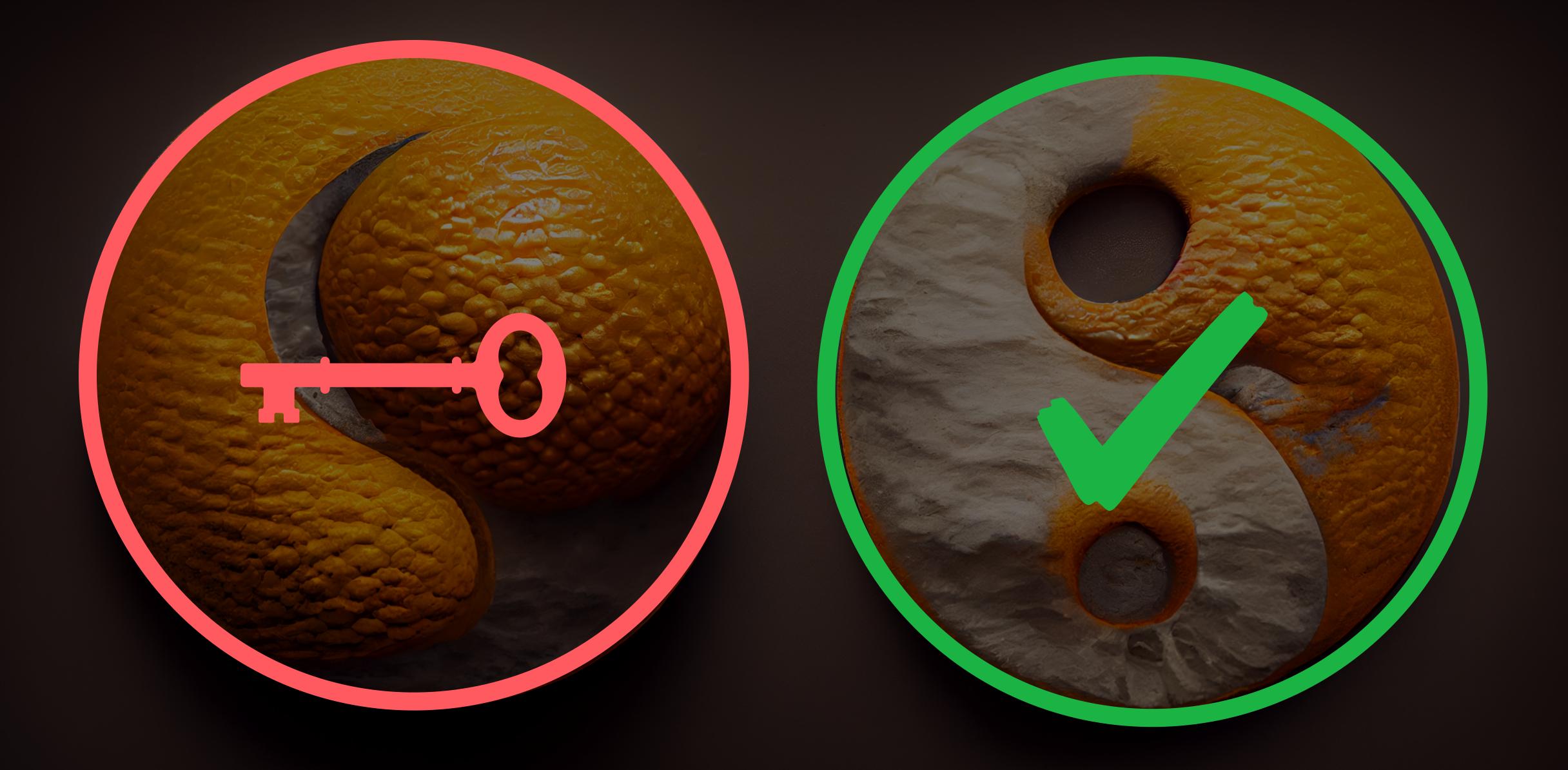
Keys

Ledger(s)

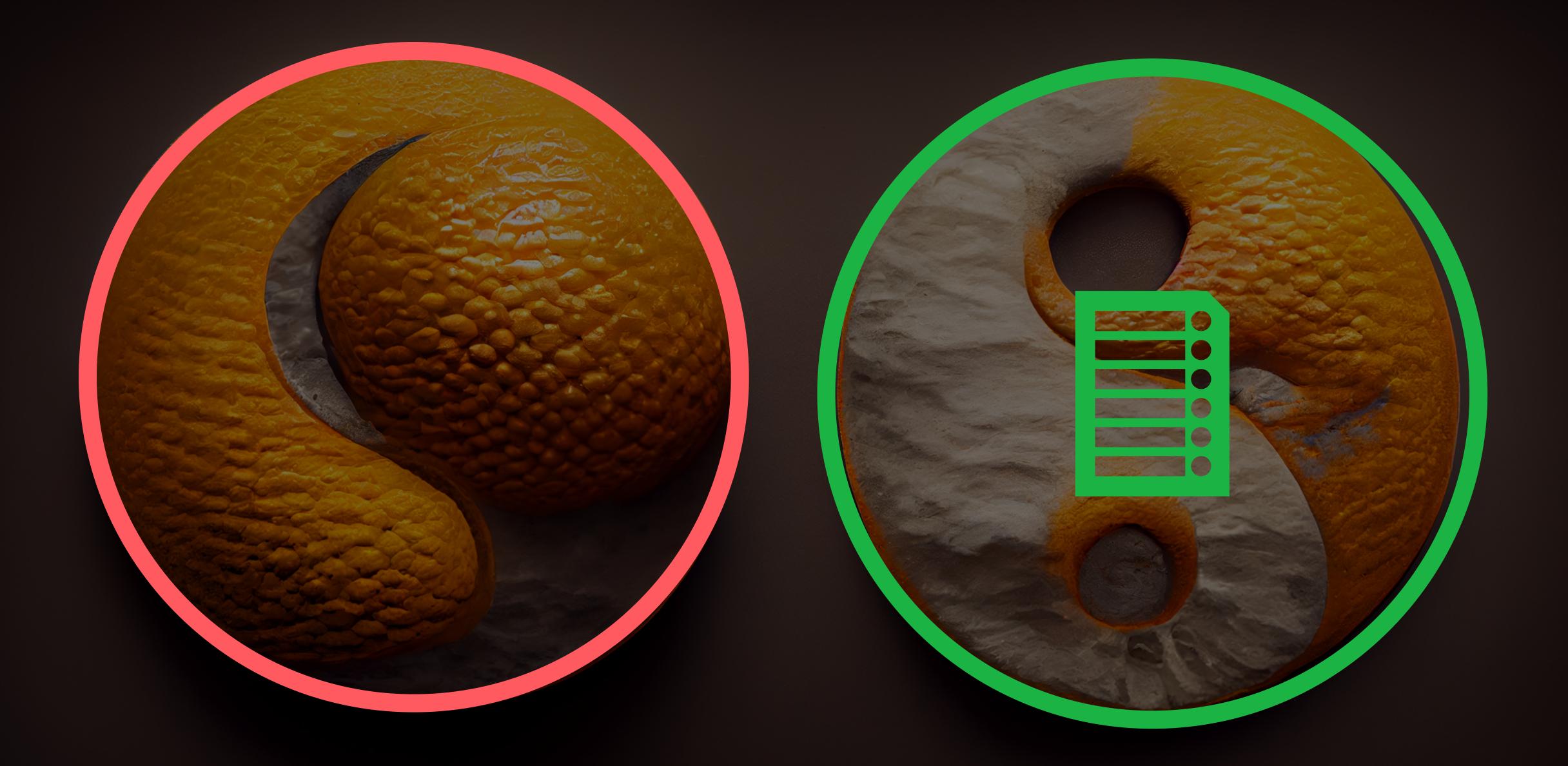






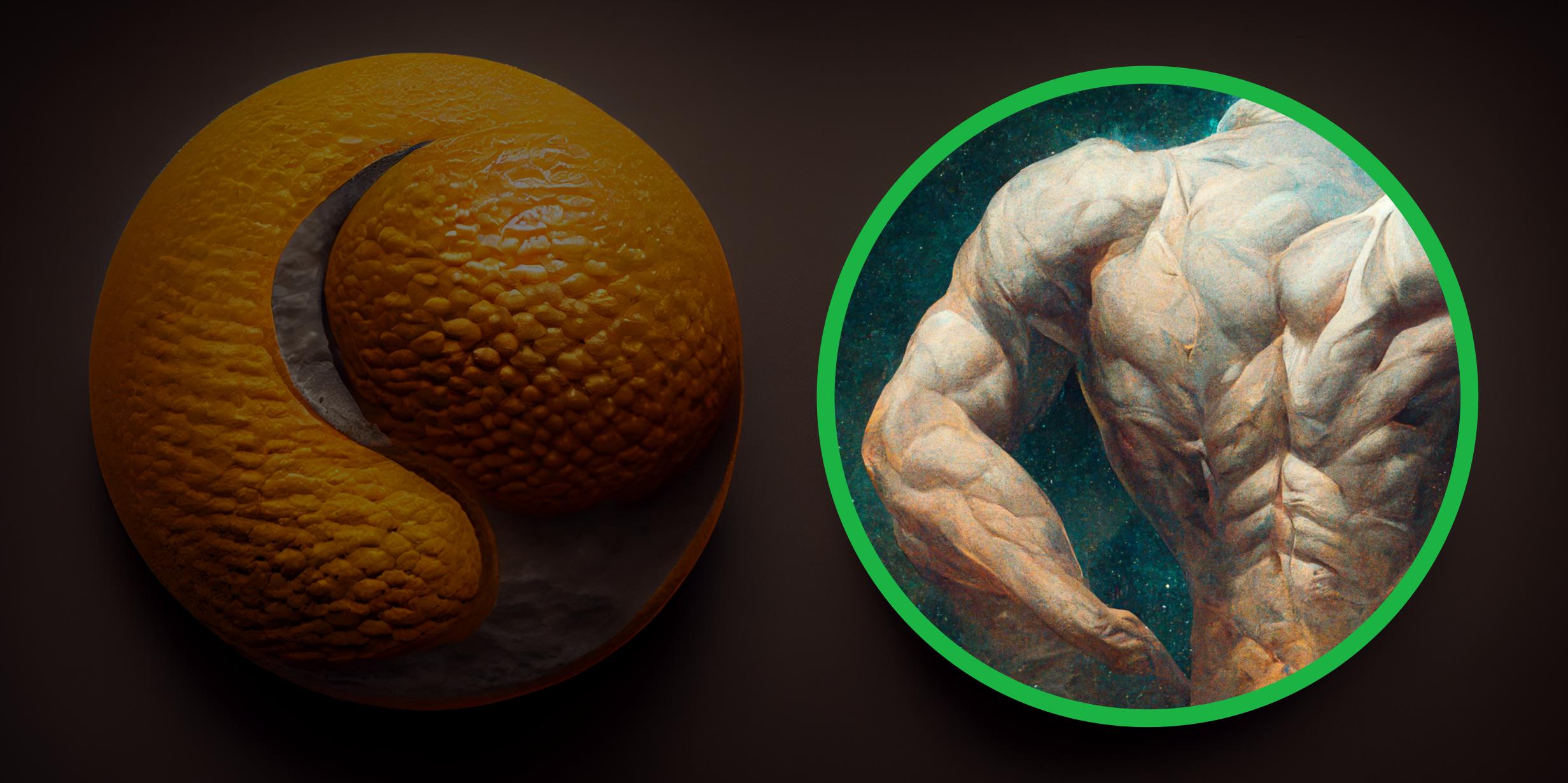


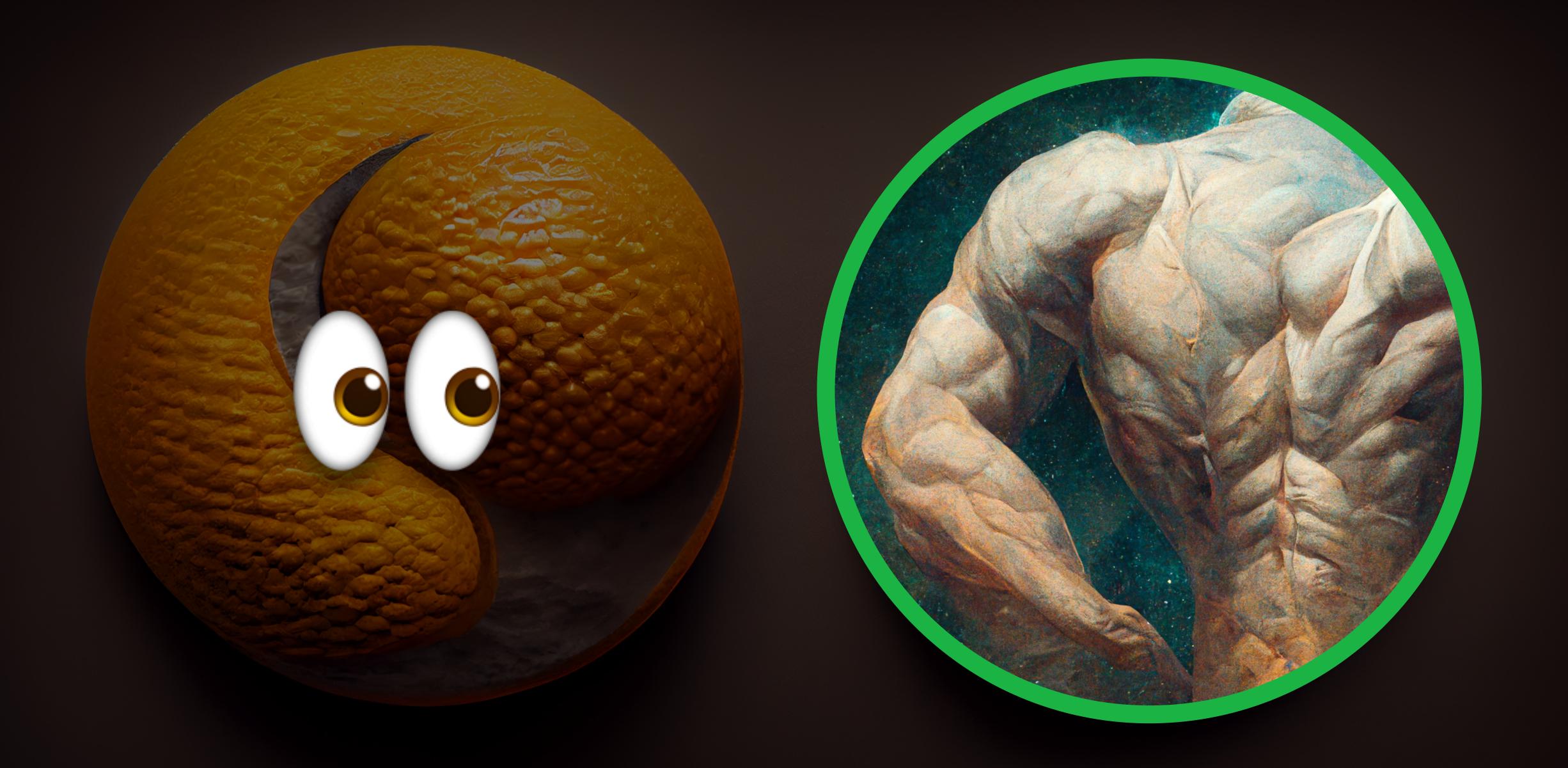


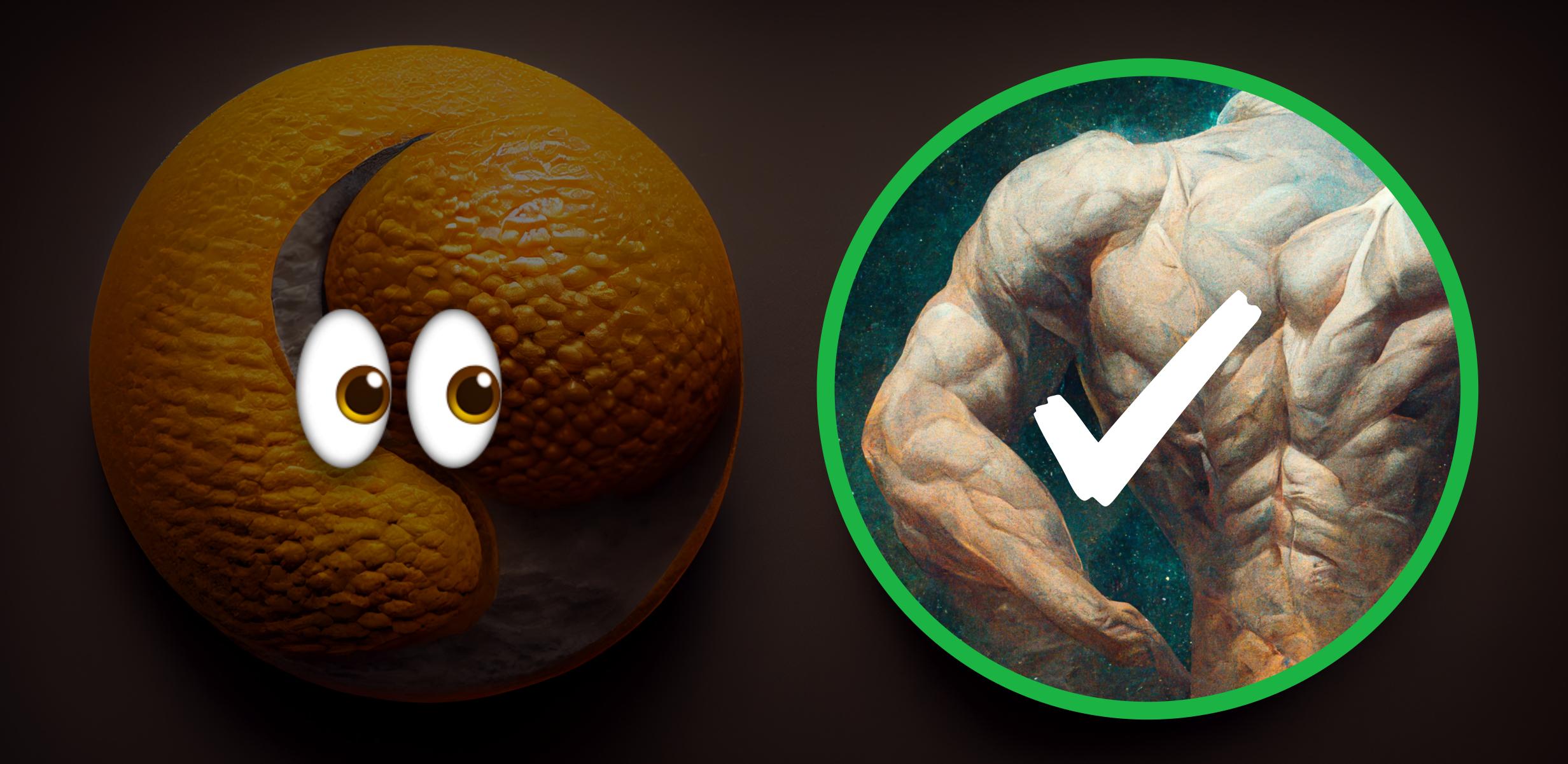




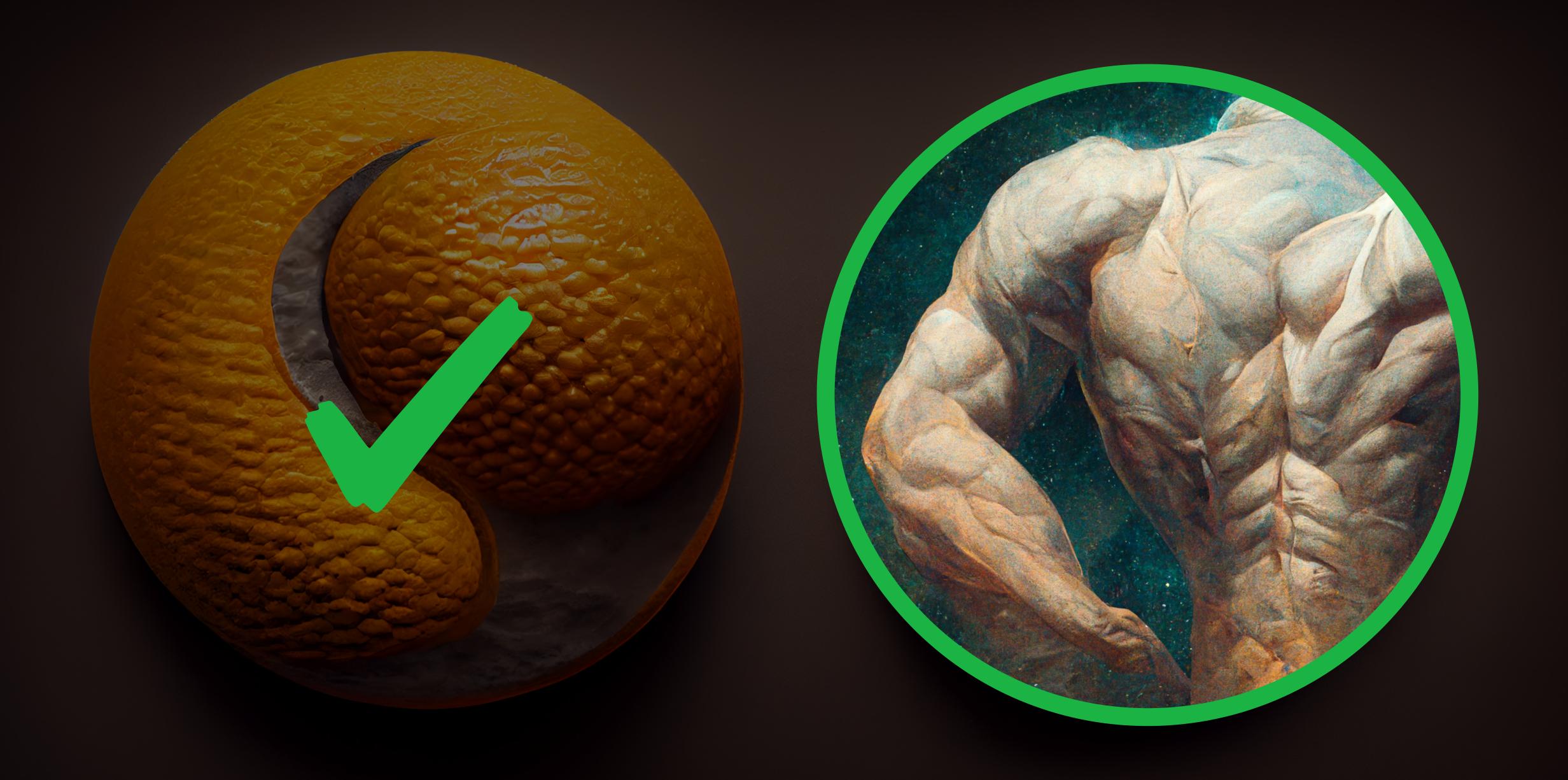




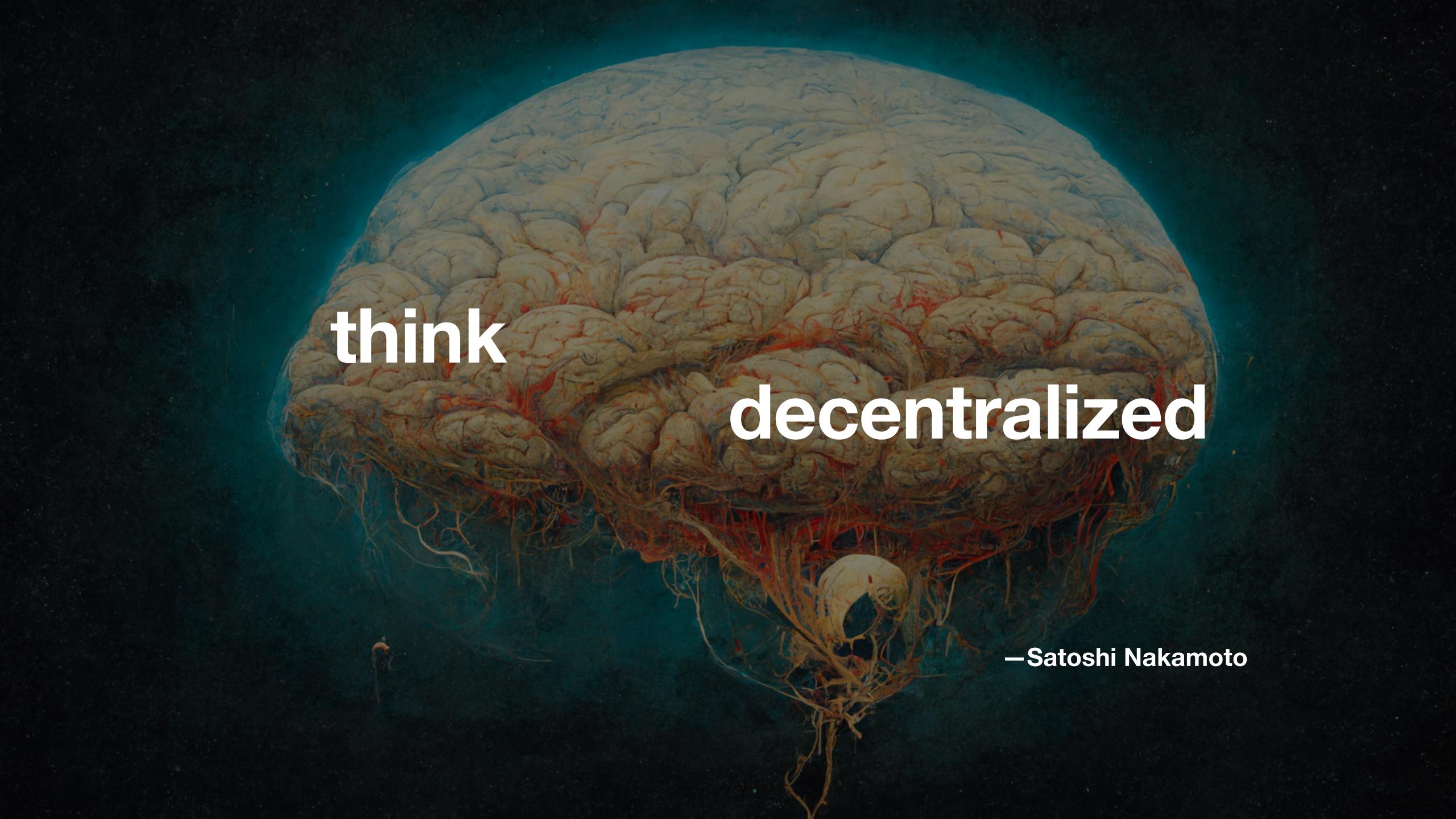


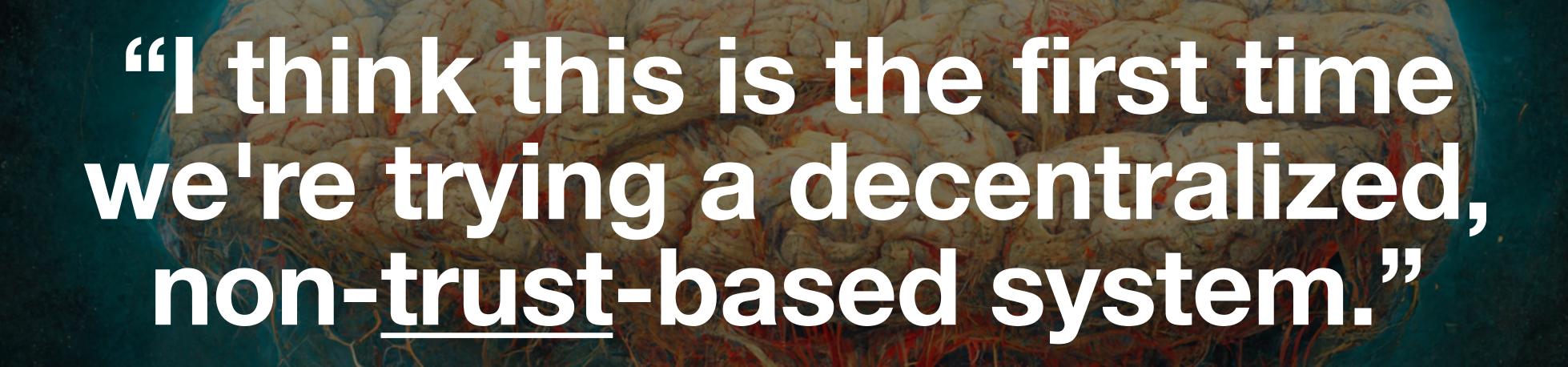




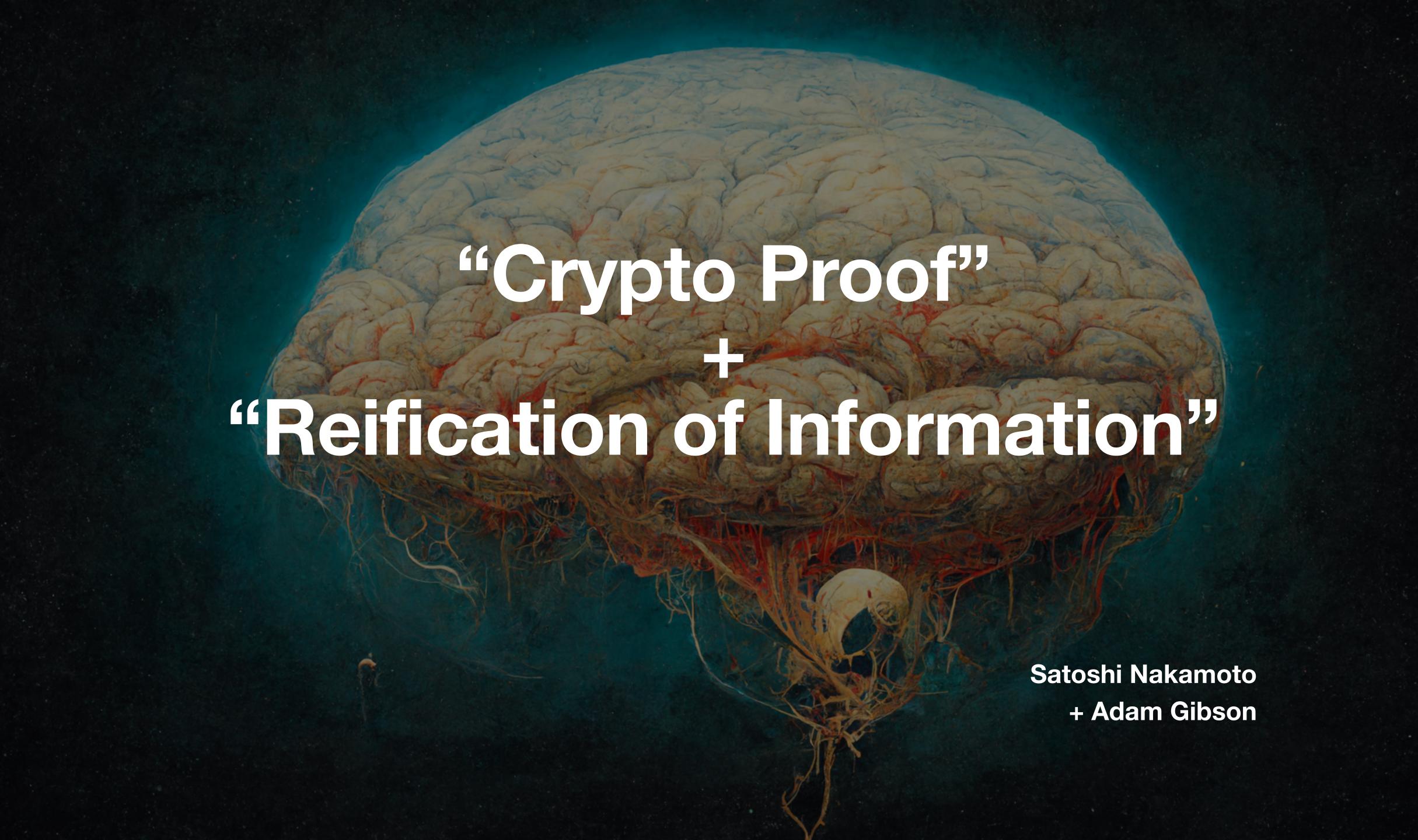


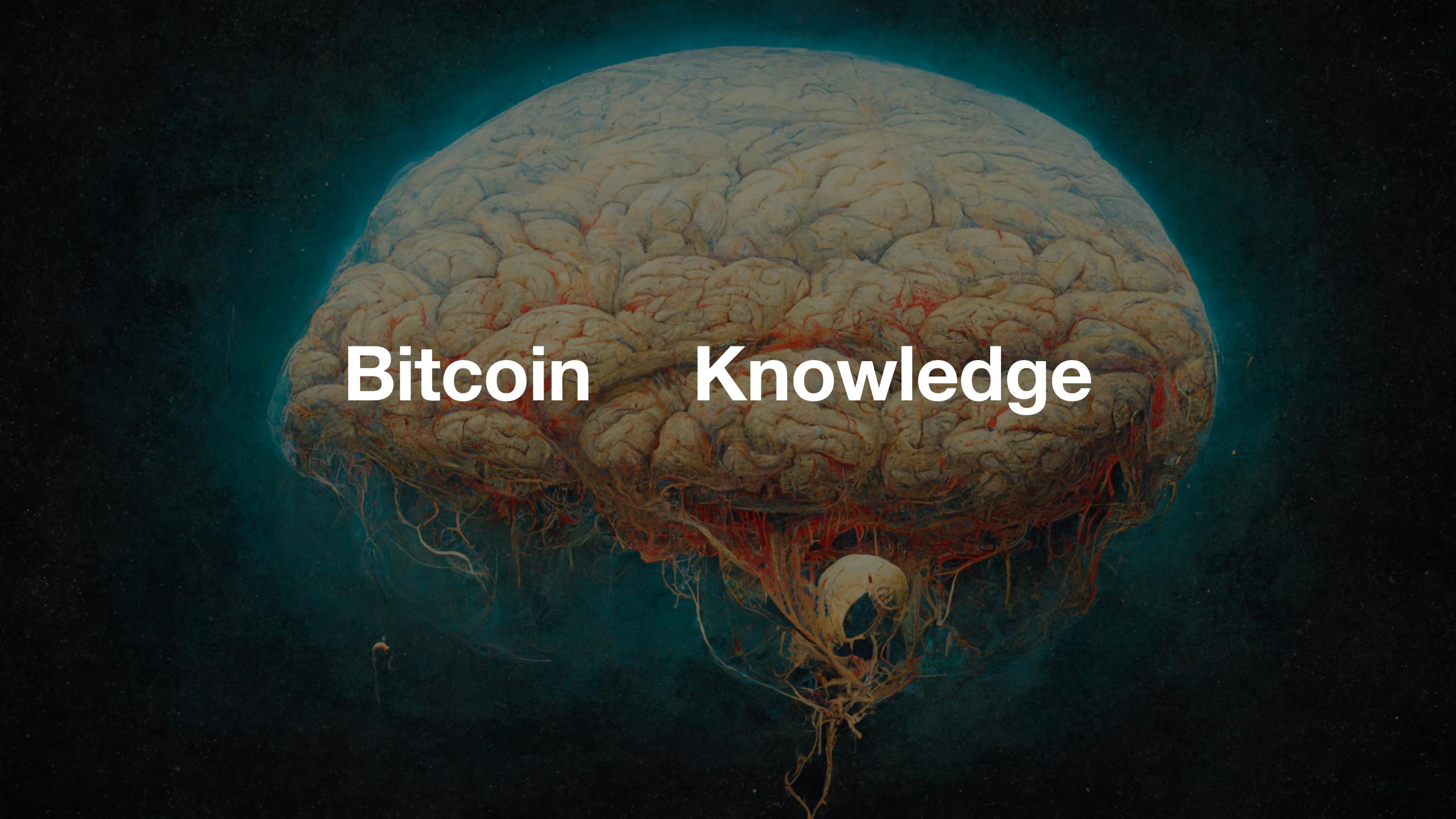






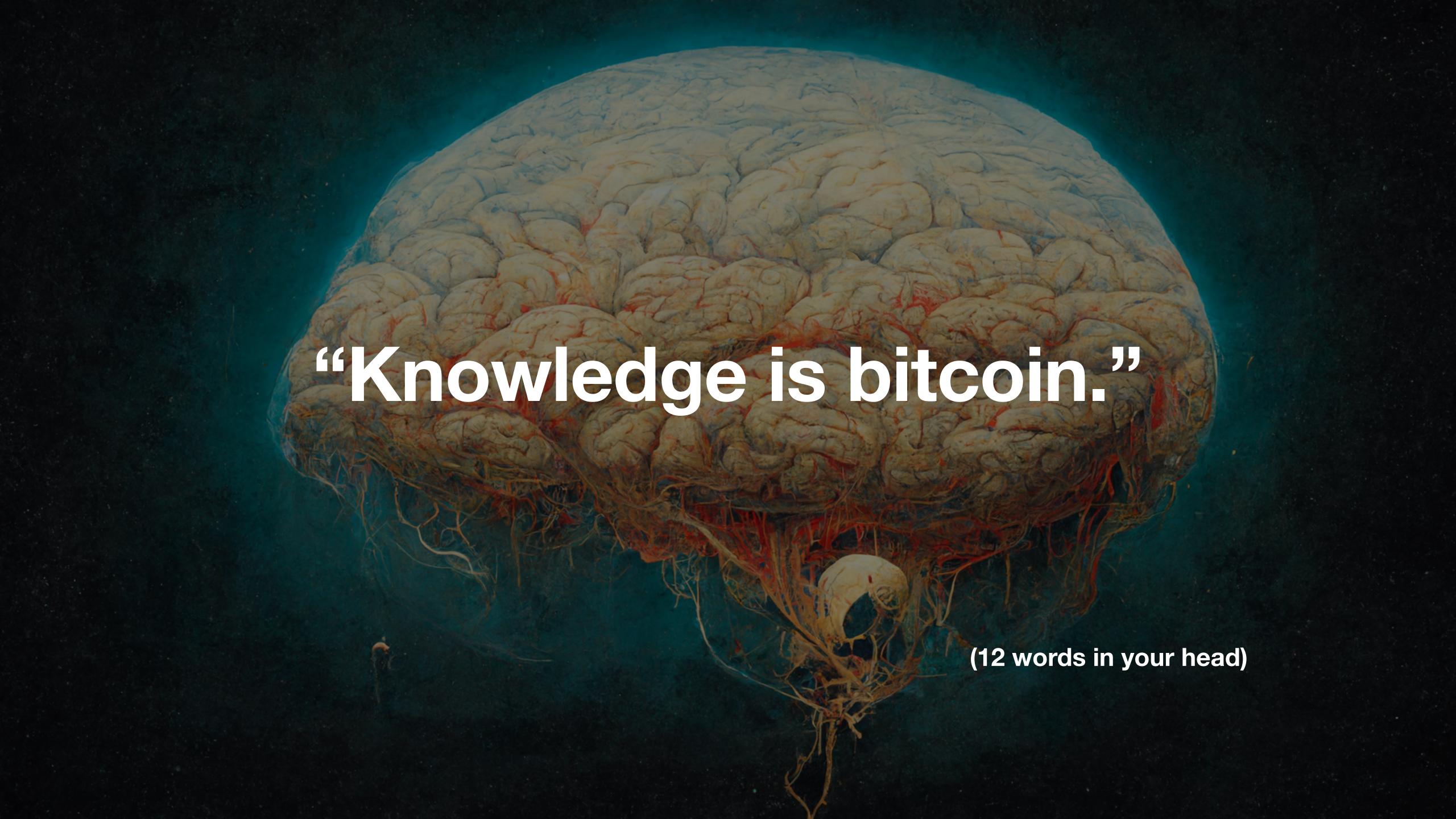
-Satoshi Nakamoto







(Integrity of system, monetary policy, 21 Million)







Private



Words



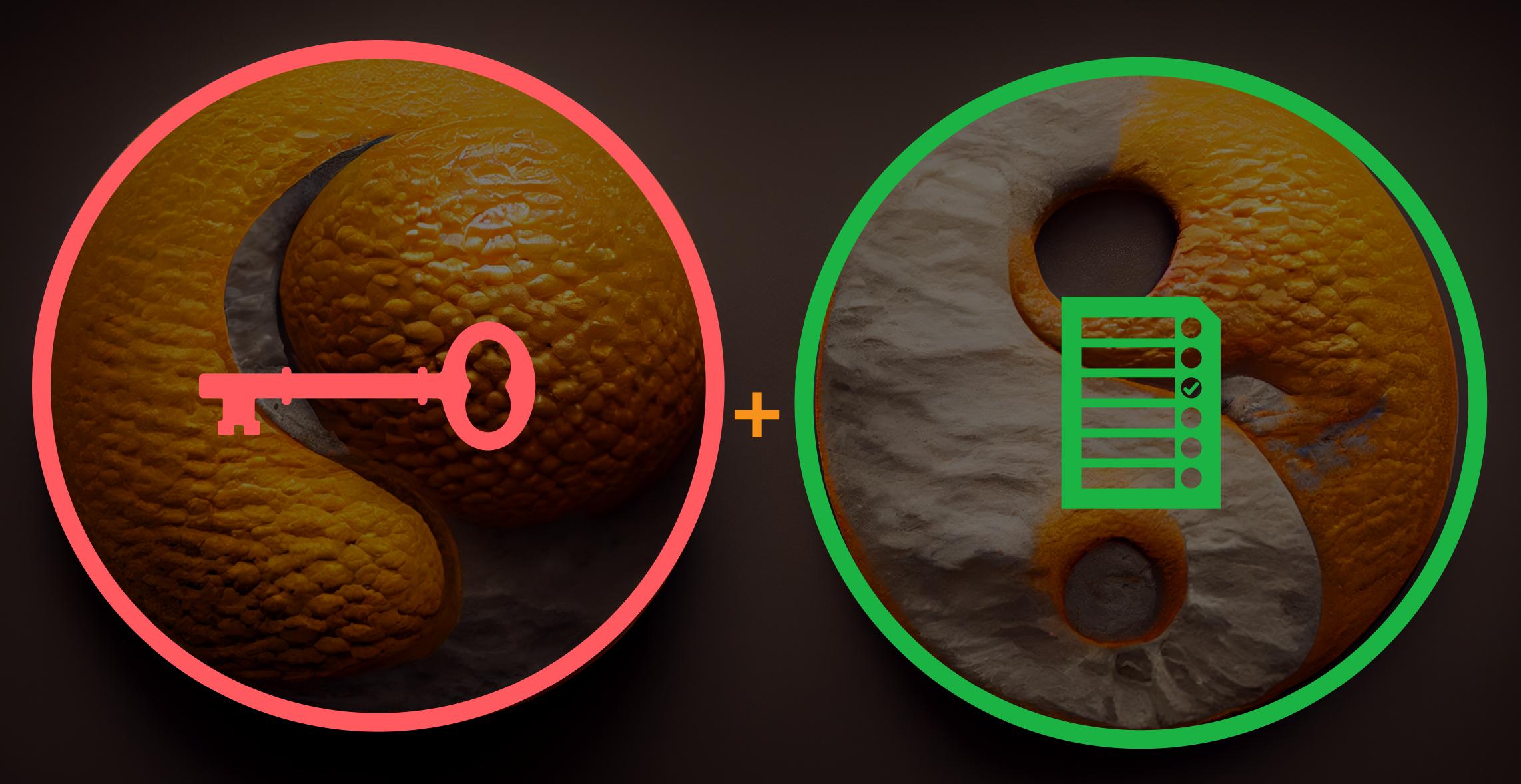


Words

Public & Transparent

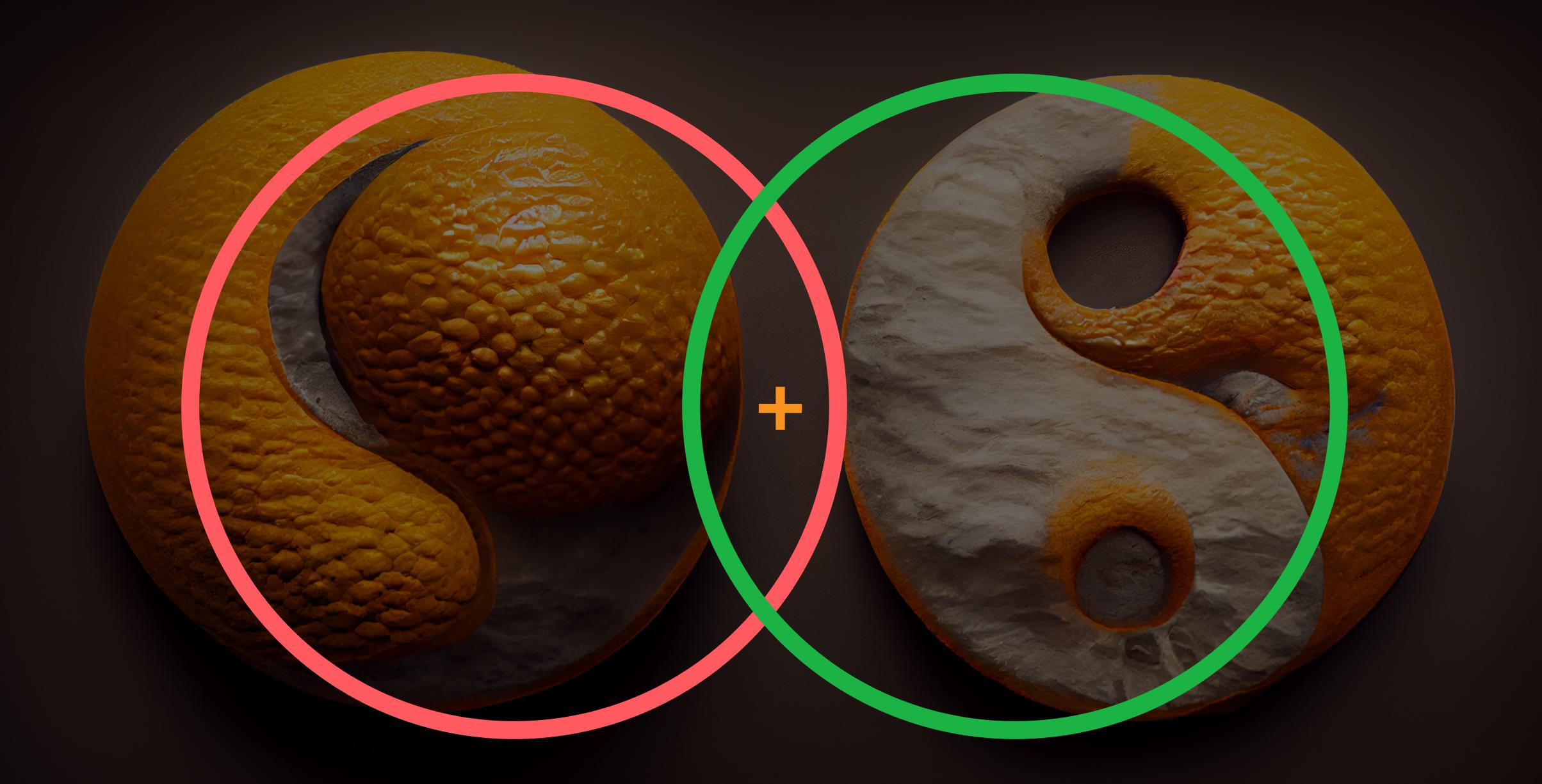


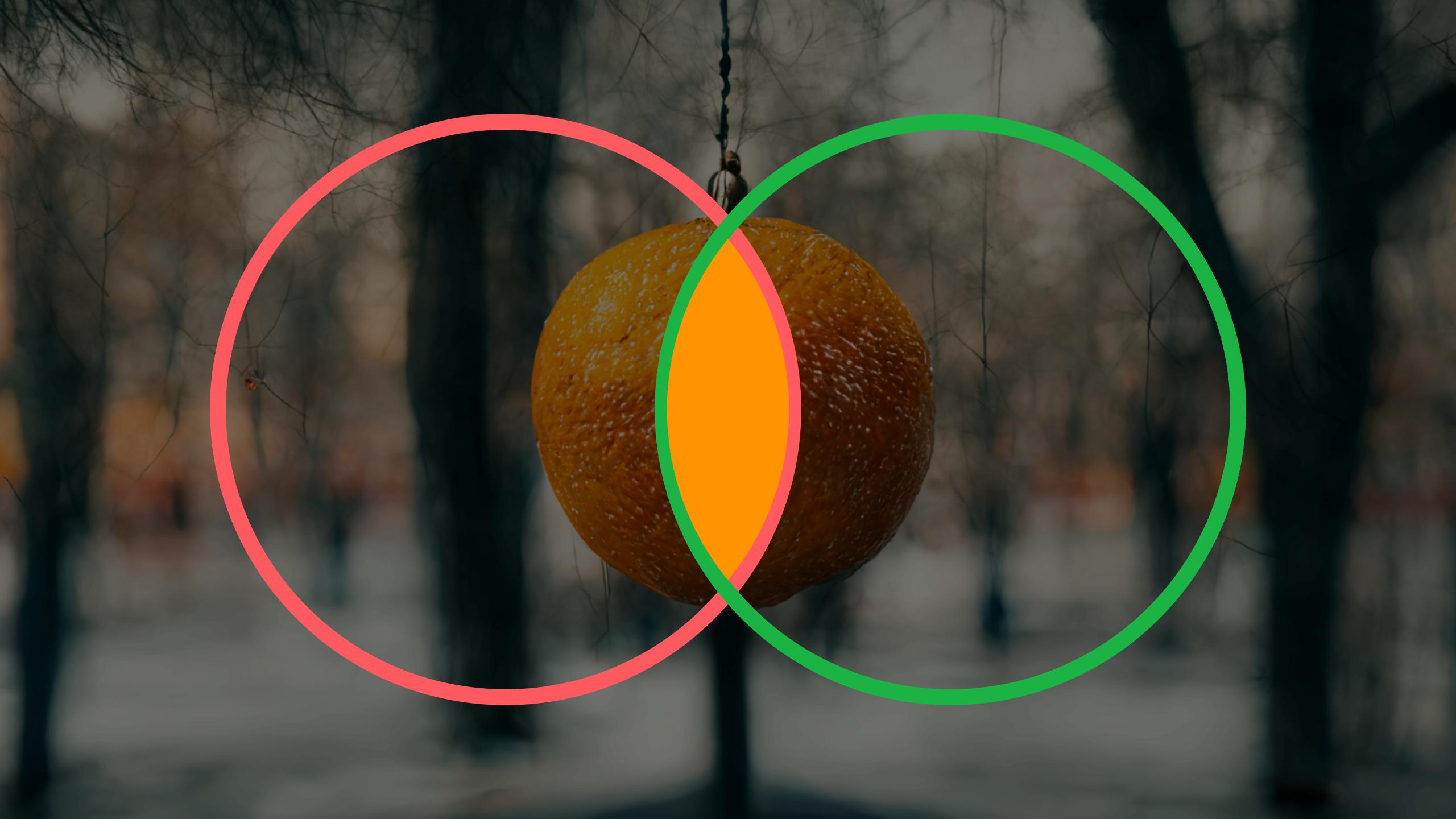
Words Million

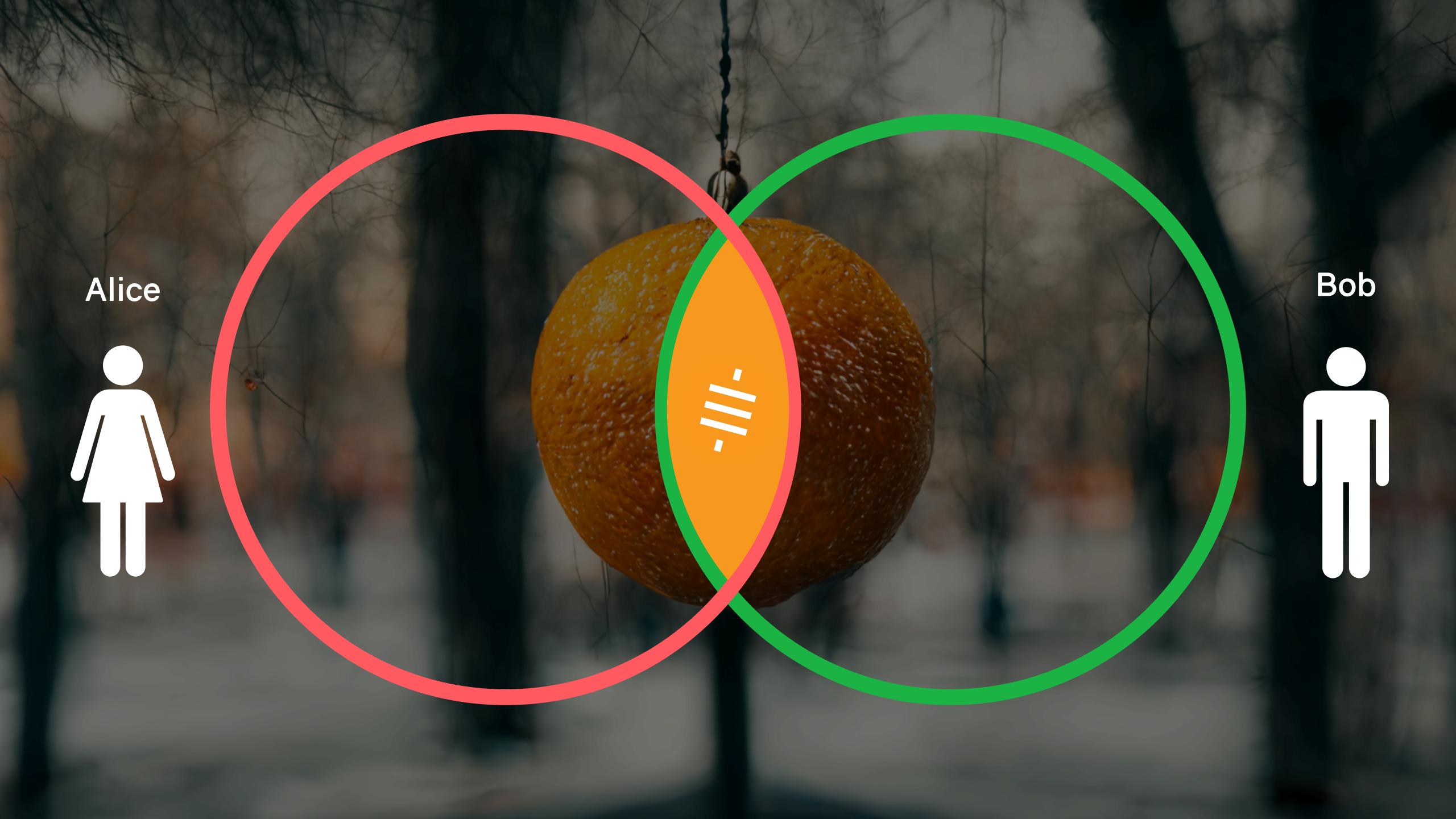


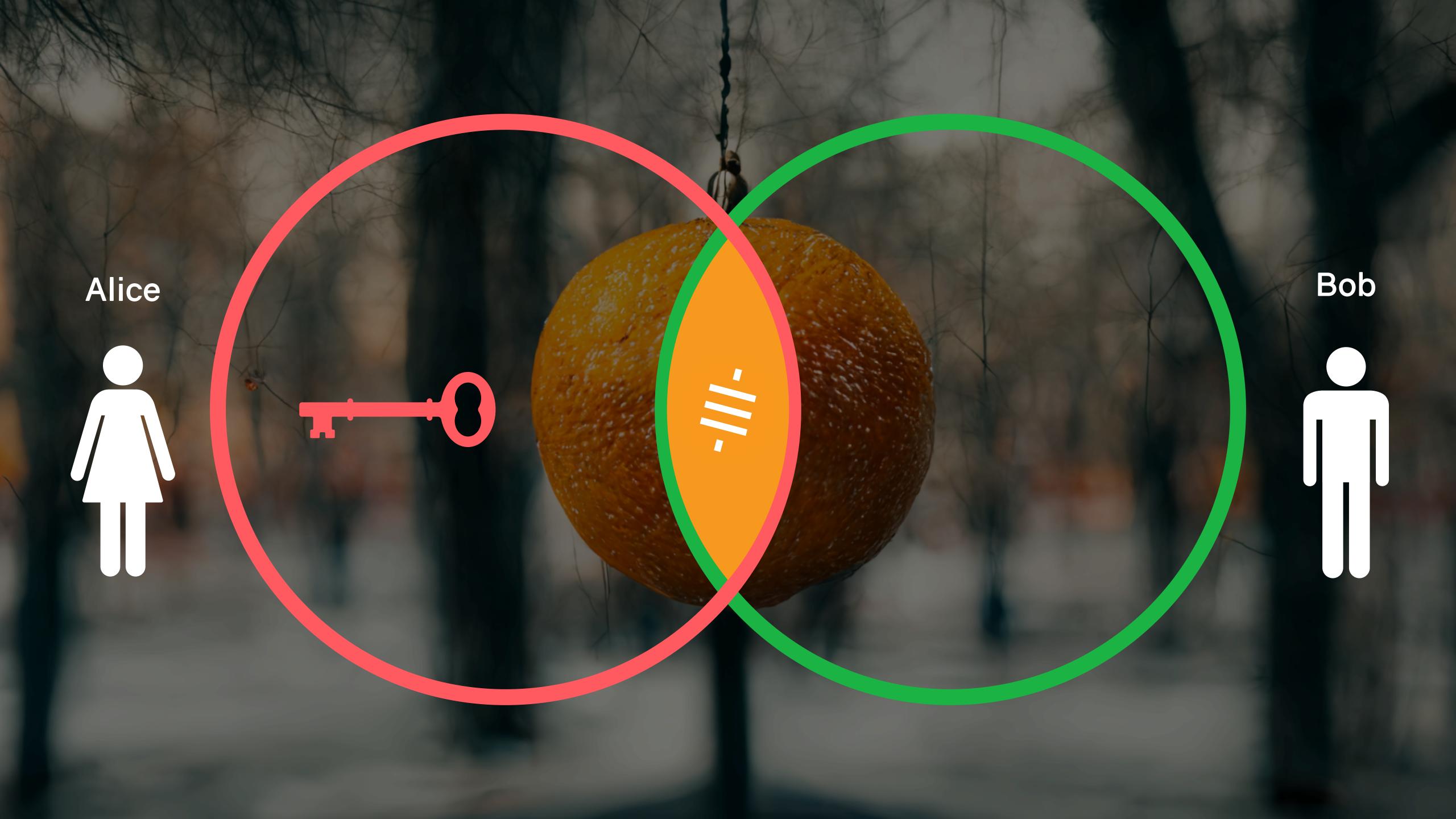
Private Key

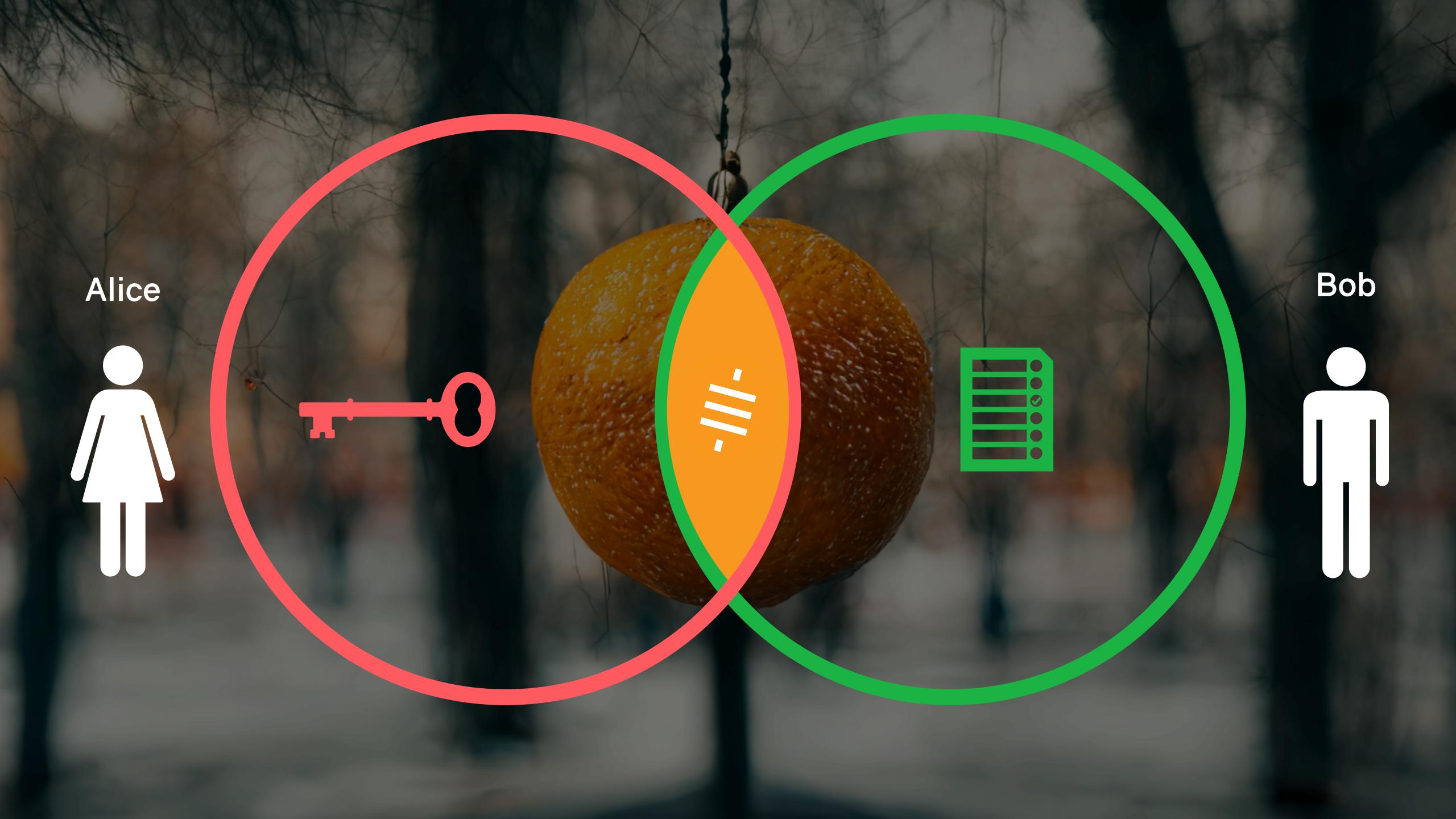
Public Ledger

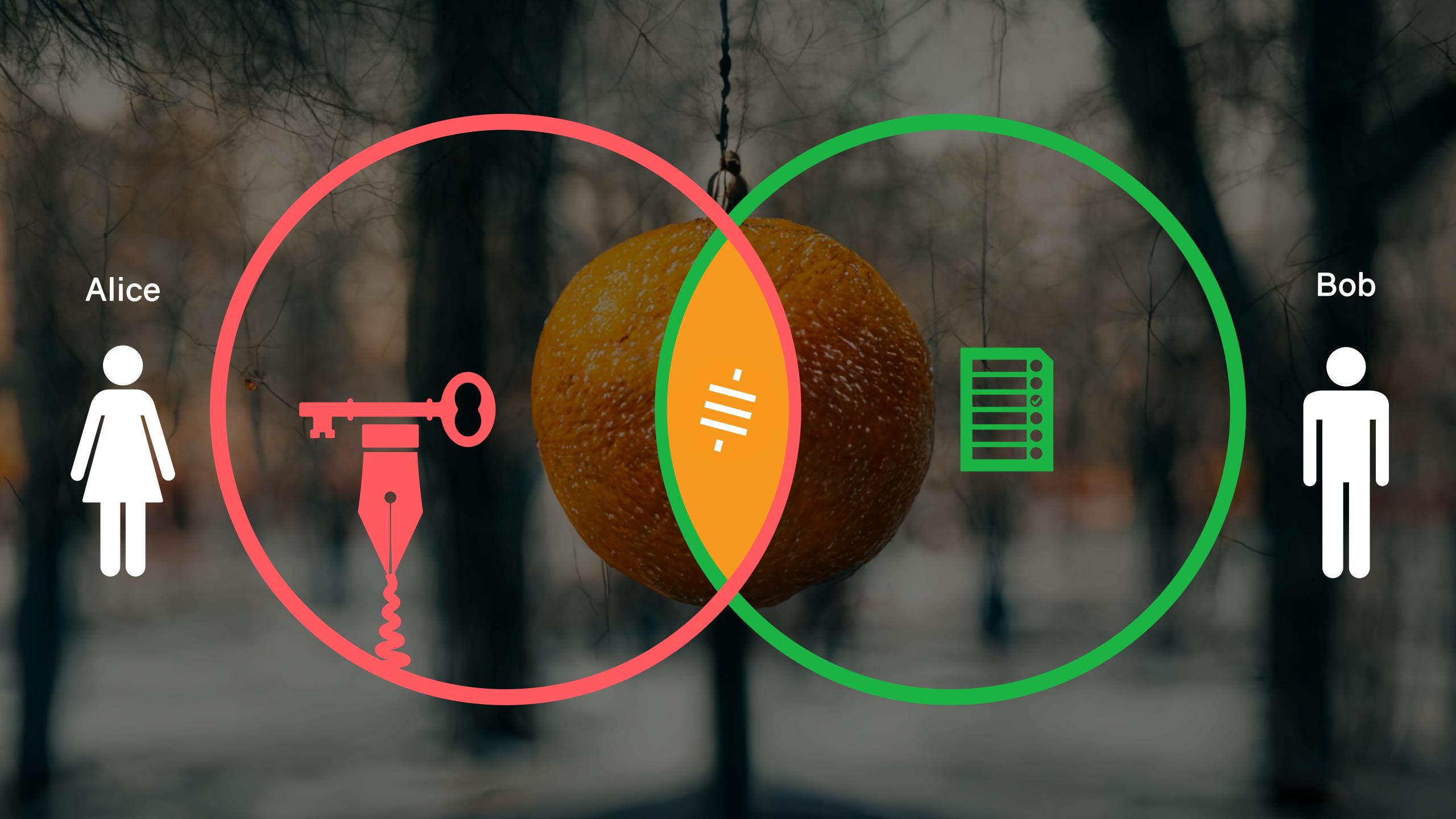


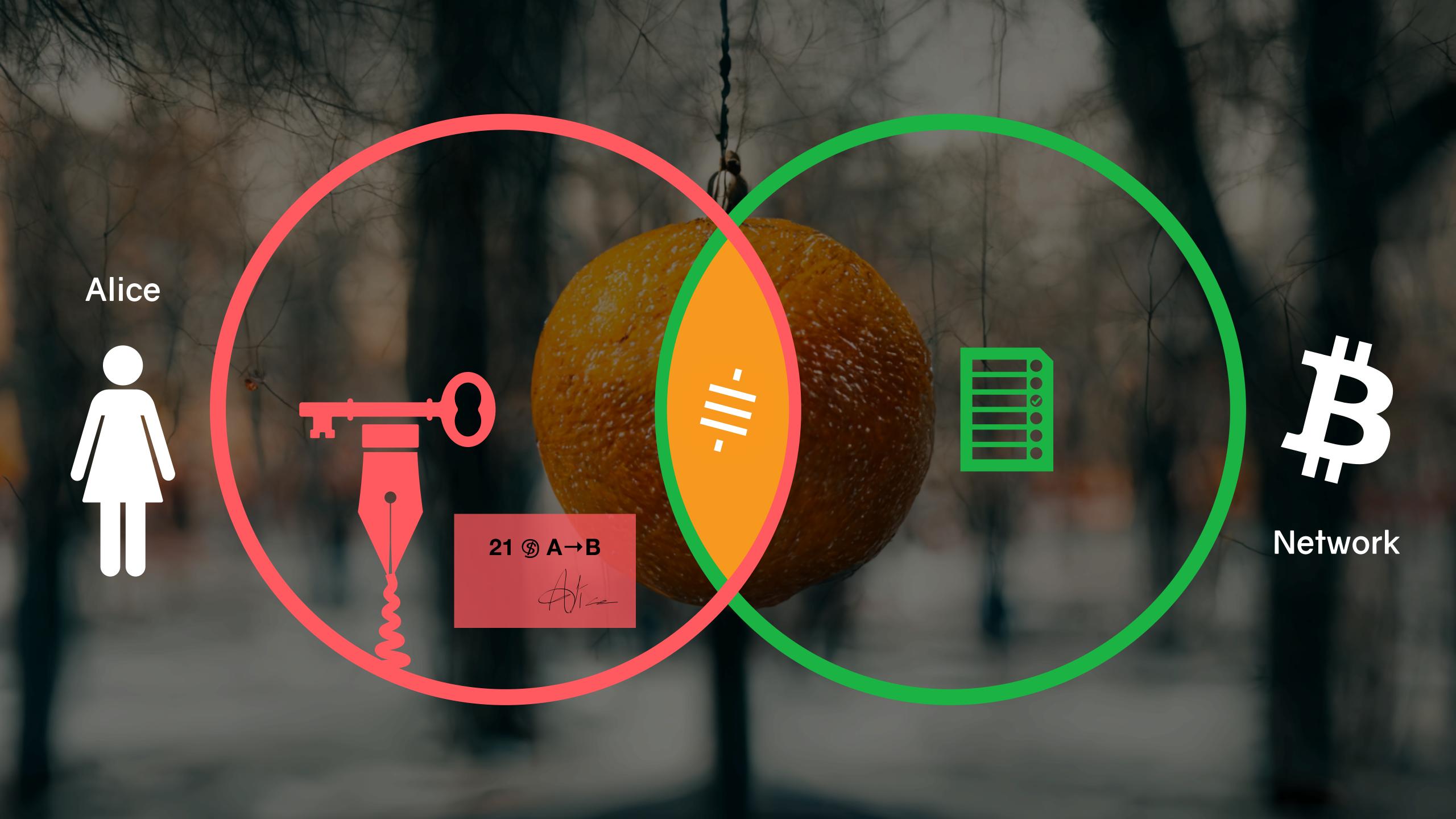


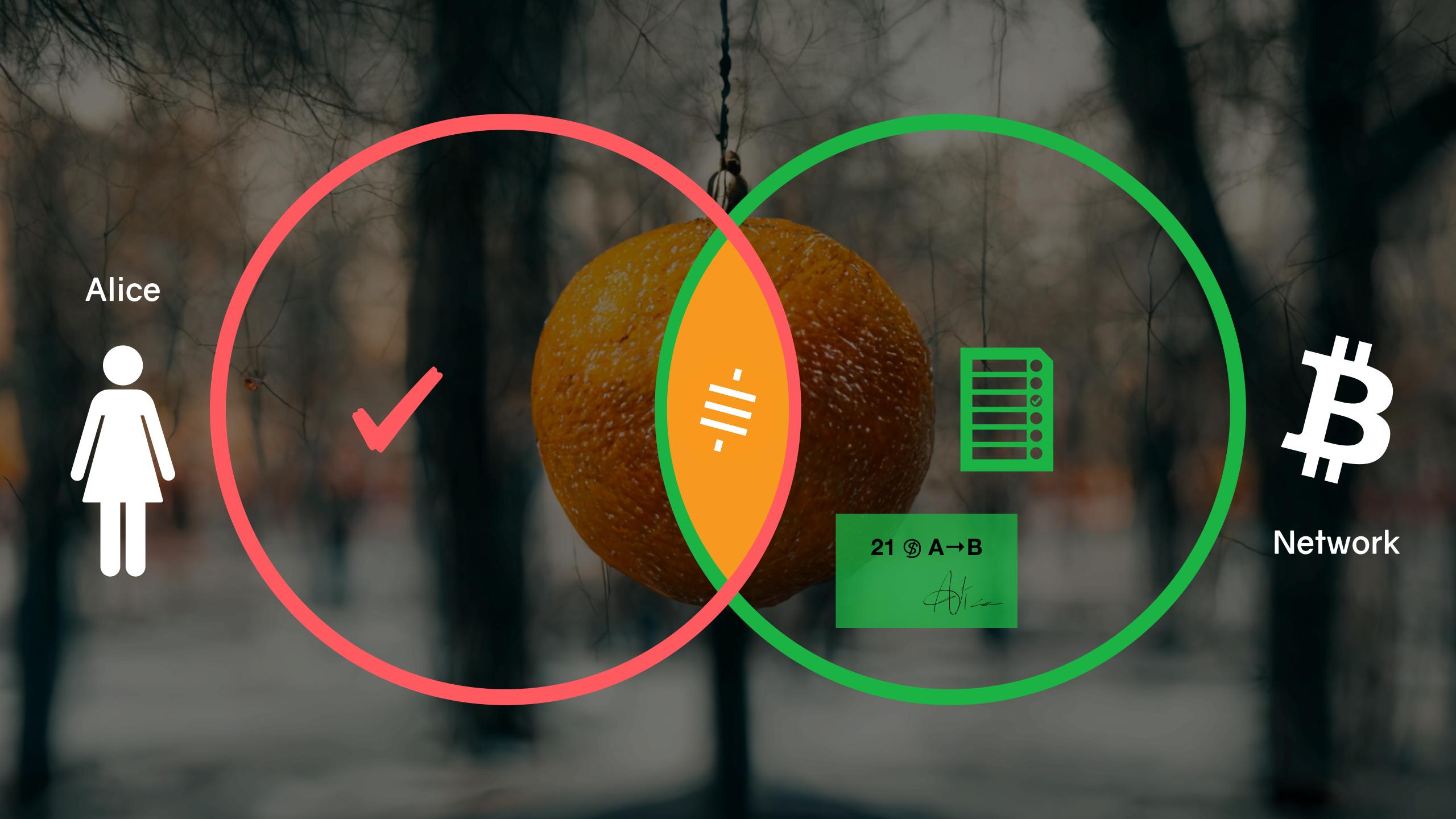


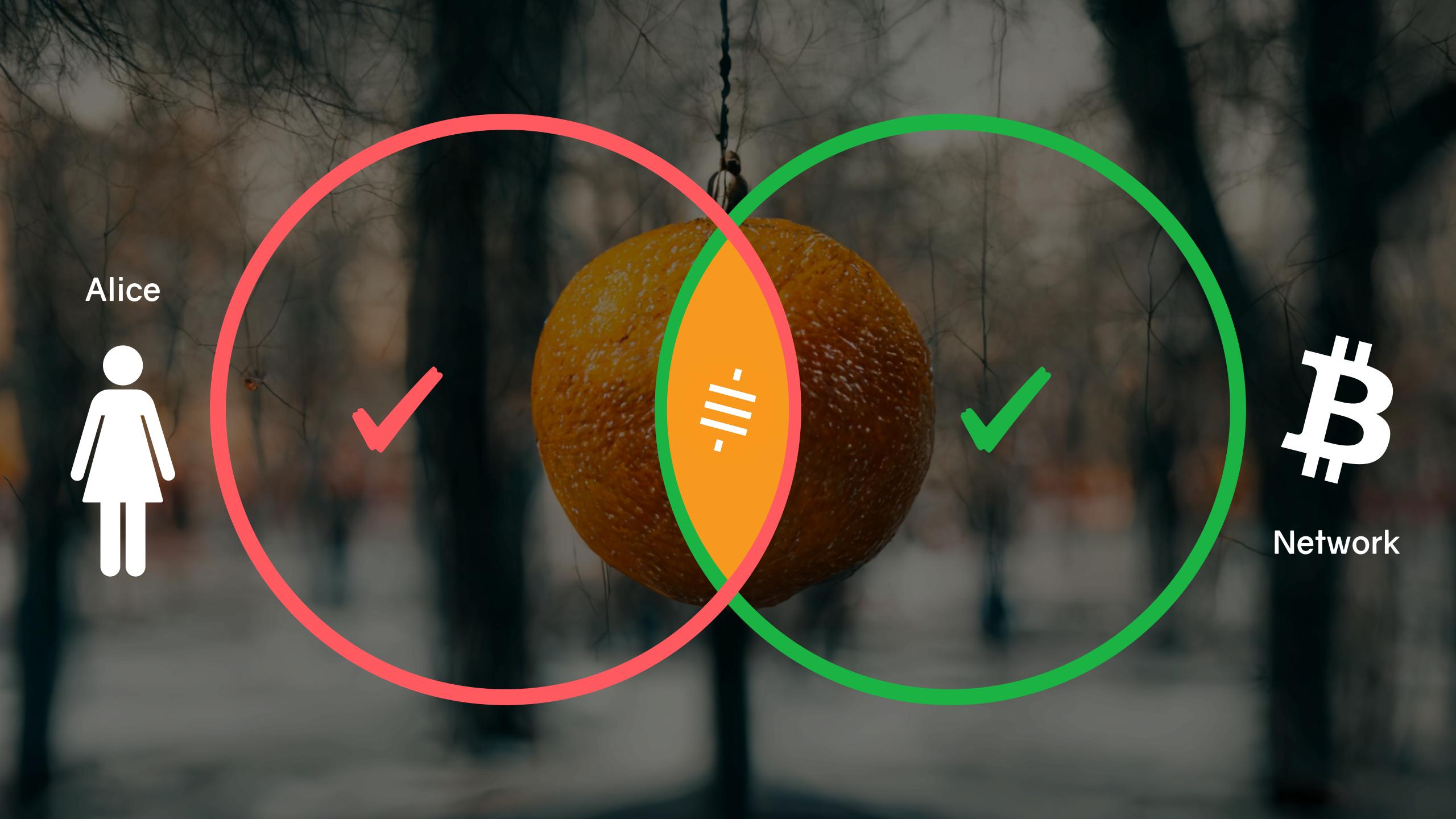


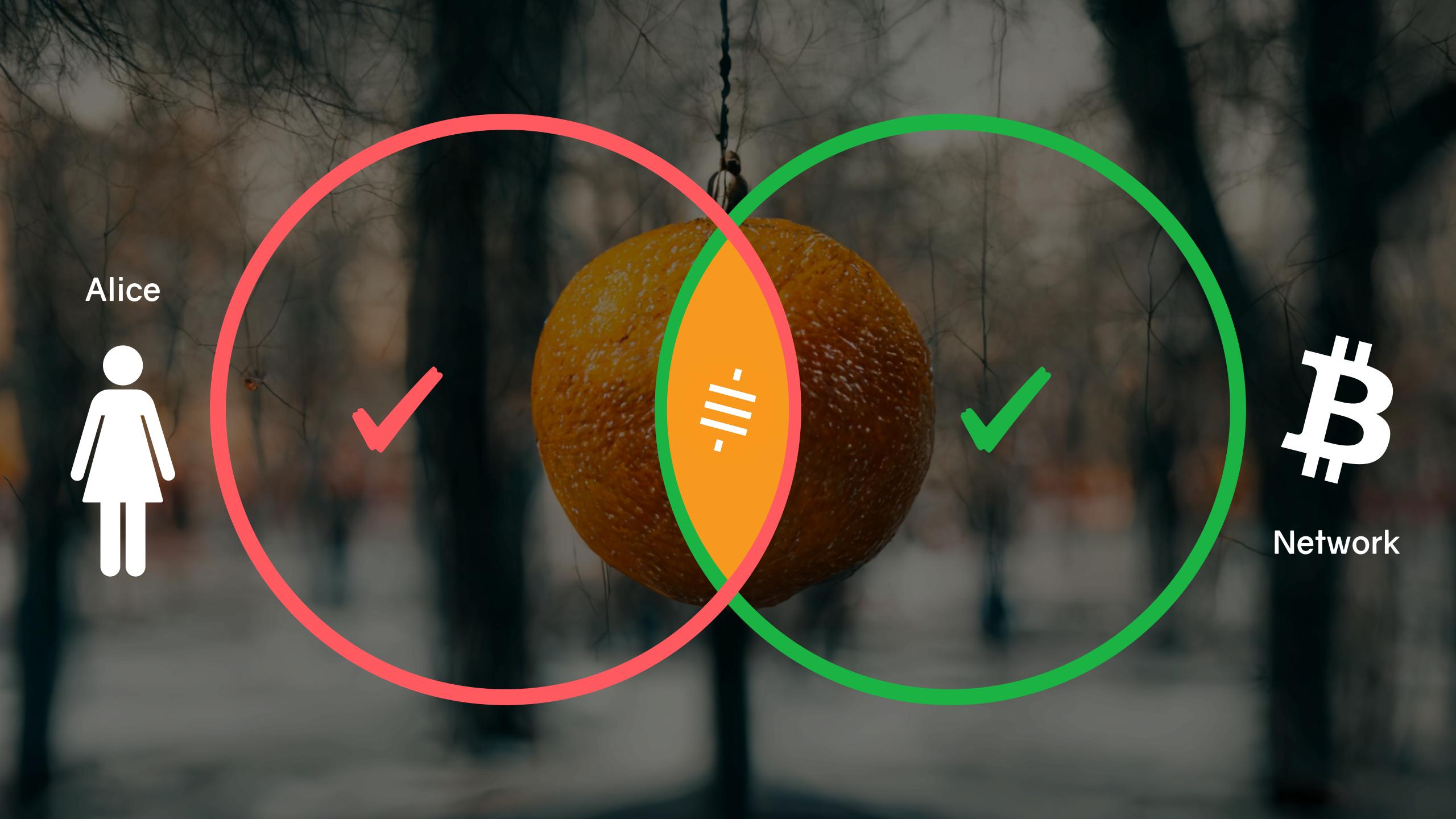




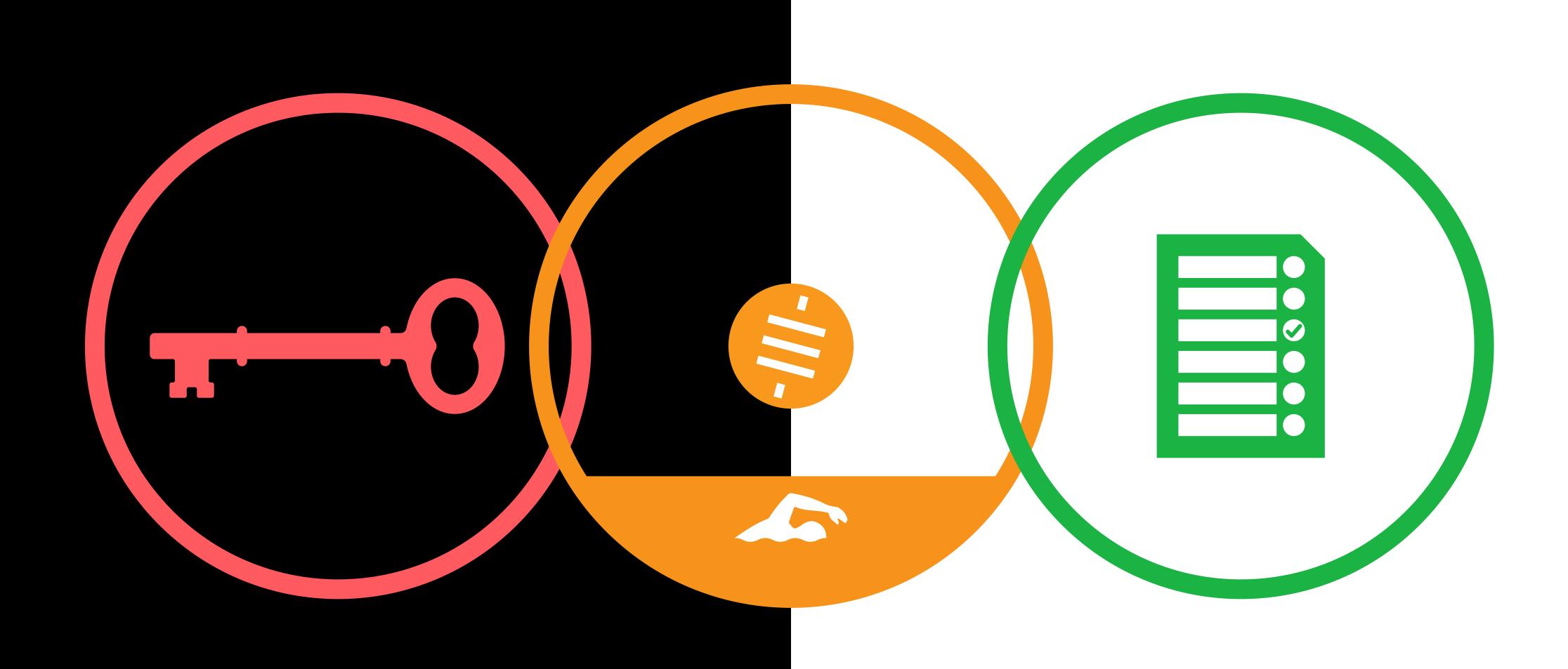


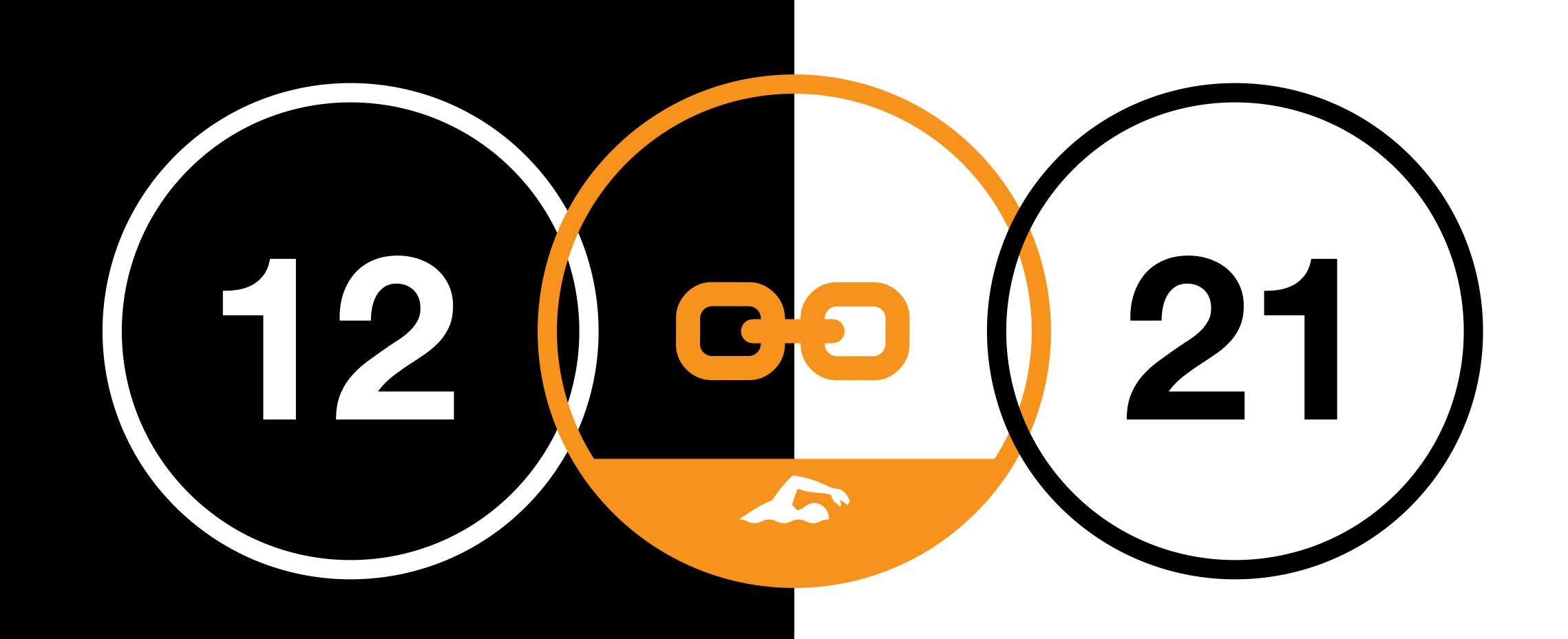


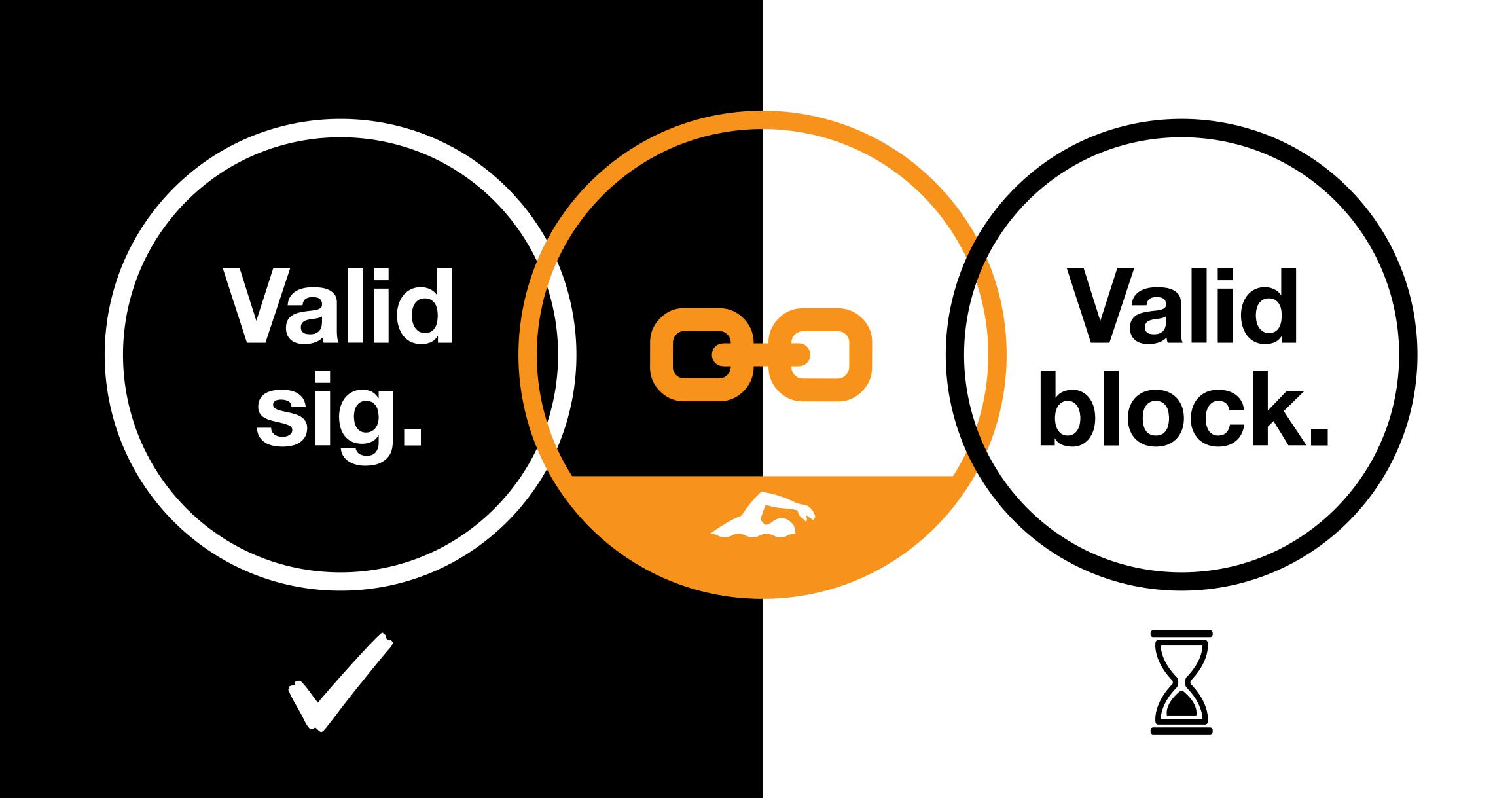


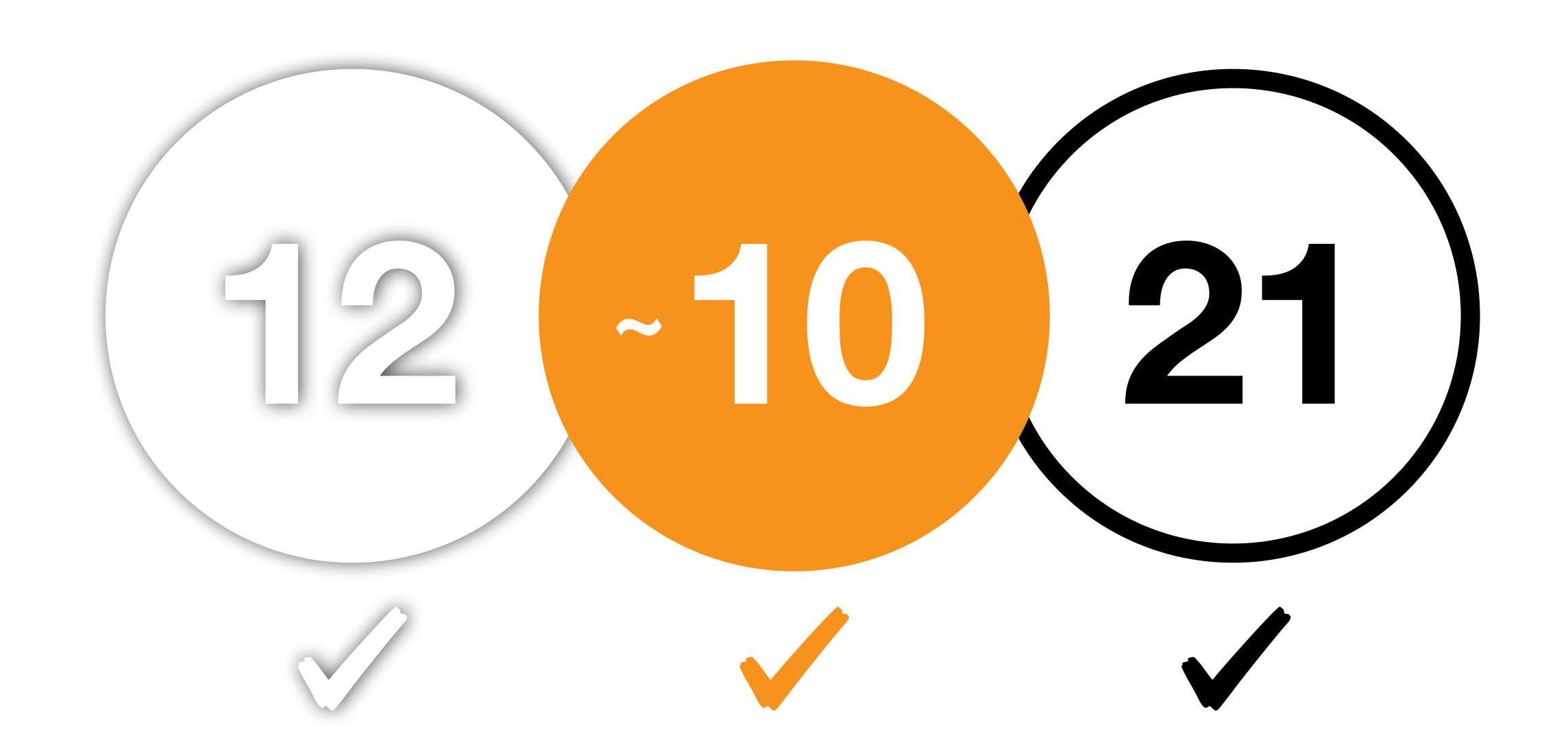












## "Transaction confirmed."

## "Integrity confirmed."

## "Moral code confirmed."

"You shall not inflate."
"You shall not confiscate."
"You shall not counterfeit."
"You shall not steal."

Bitcoin, every 10 minutes.Without relying on trust.



## dergigi.com/support