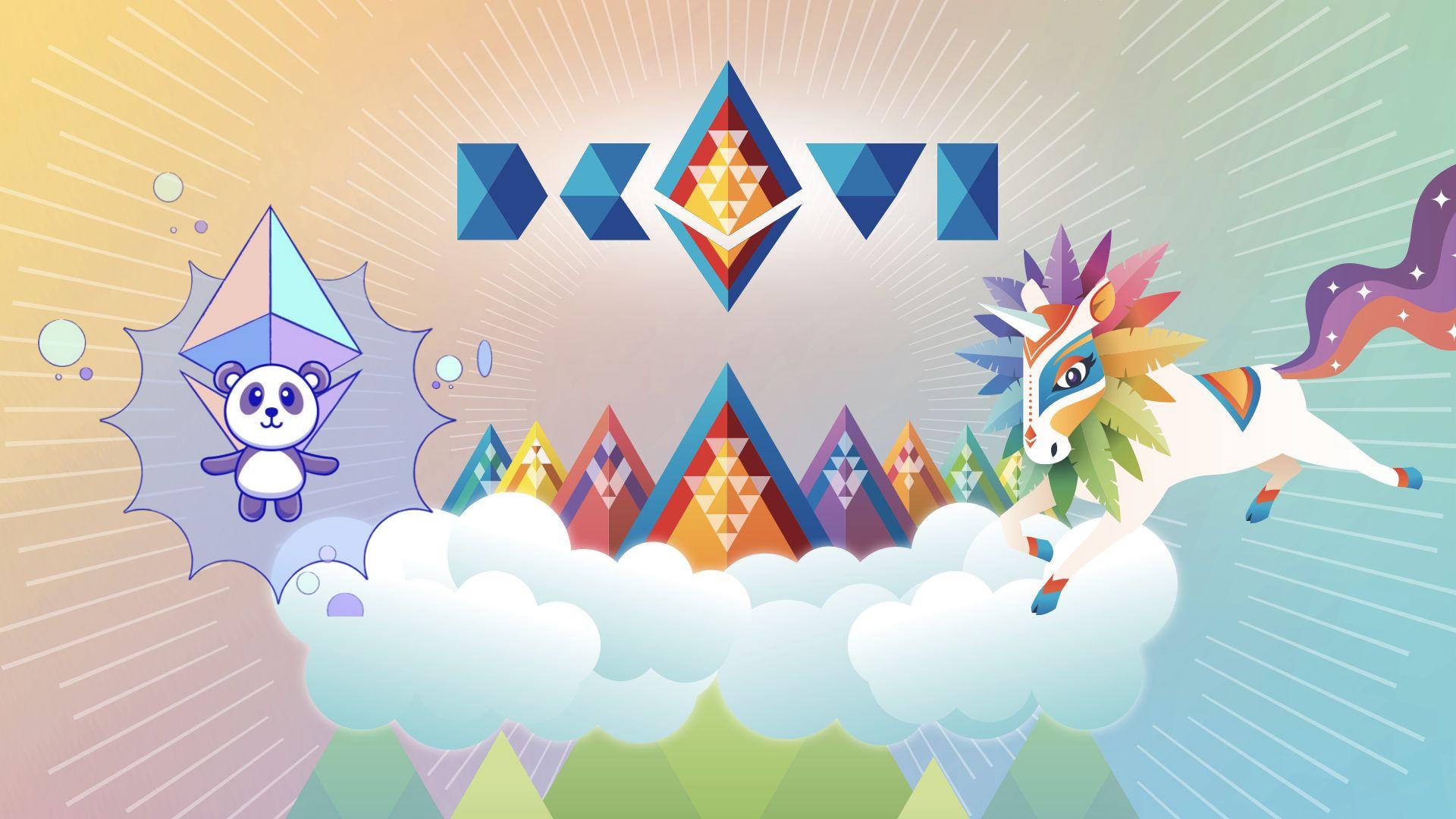


Executing with subtraction in the Infinite Garden

Aya Miyaguchi

Executive Director of the Ethereum Foundation





Infinite garden



Infinite garden

Subtraction



Subtraction



Subtraction



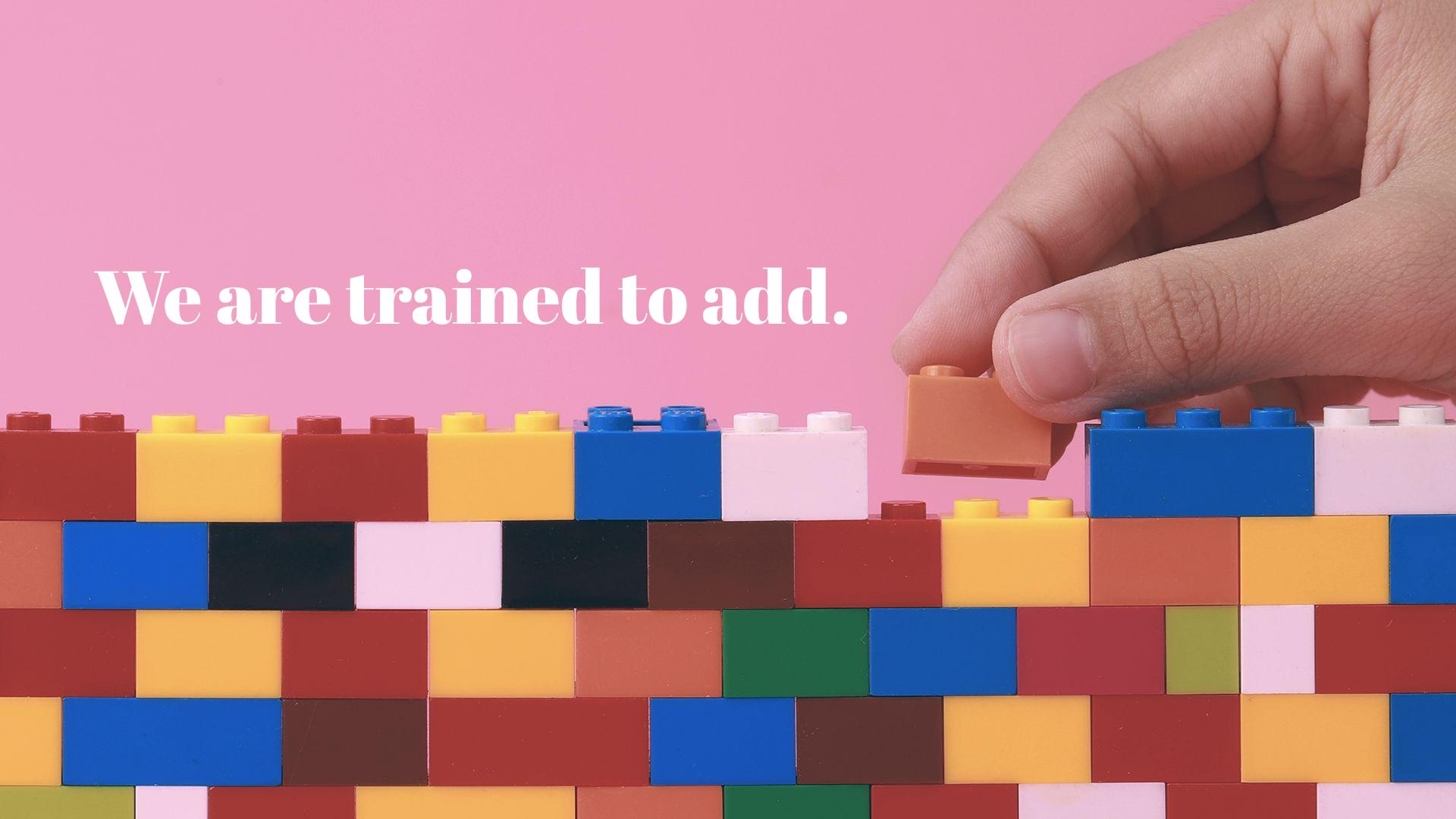


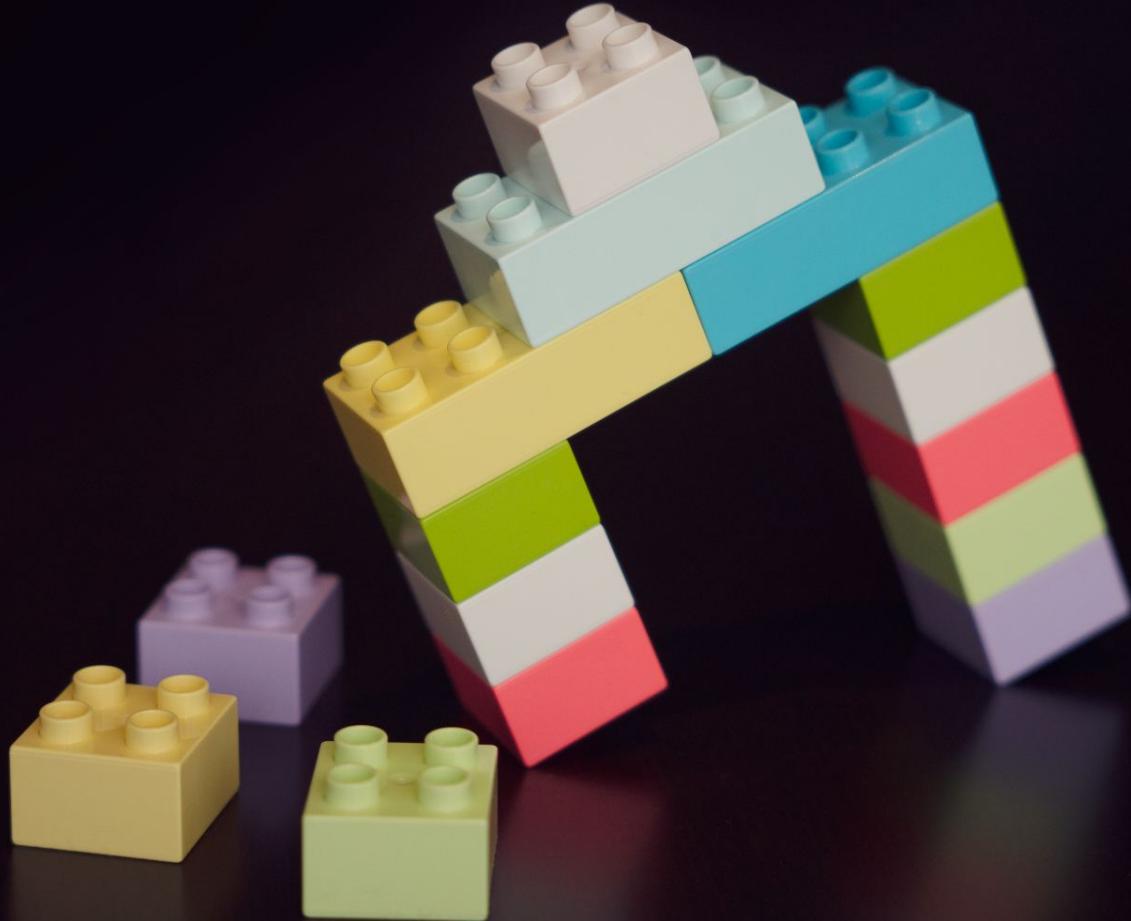
How it began

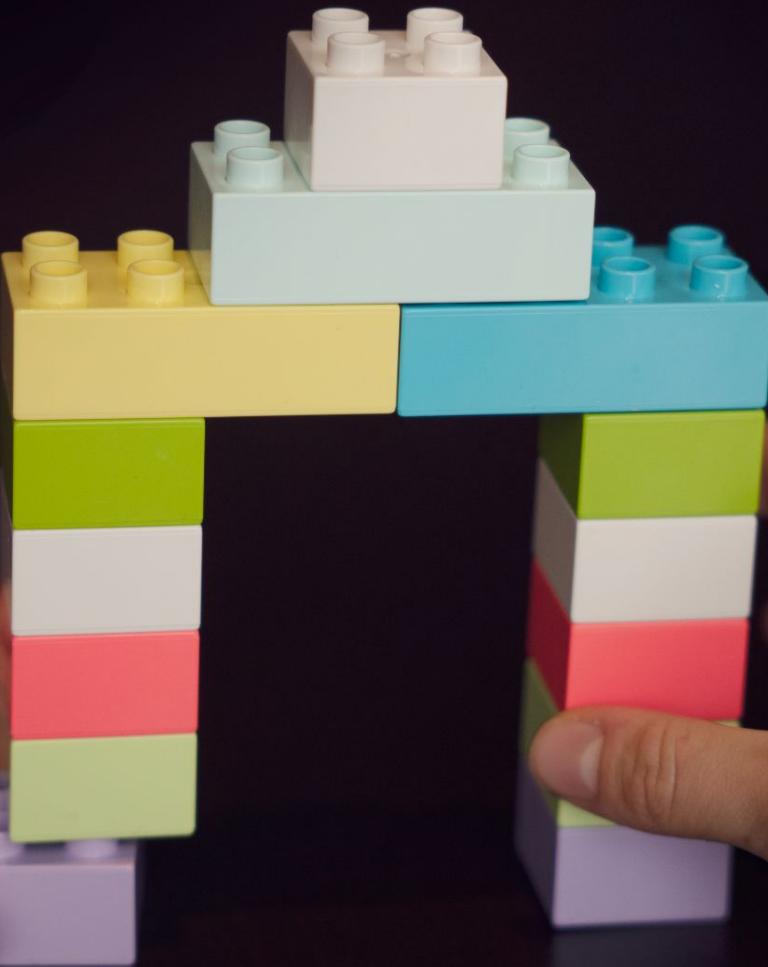


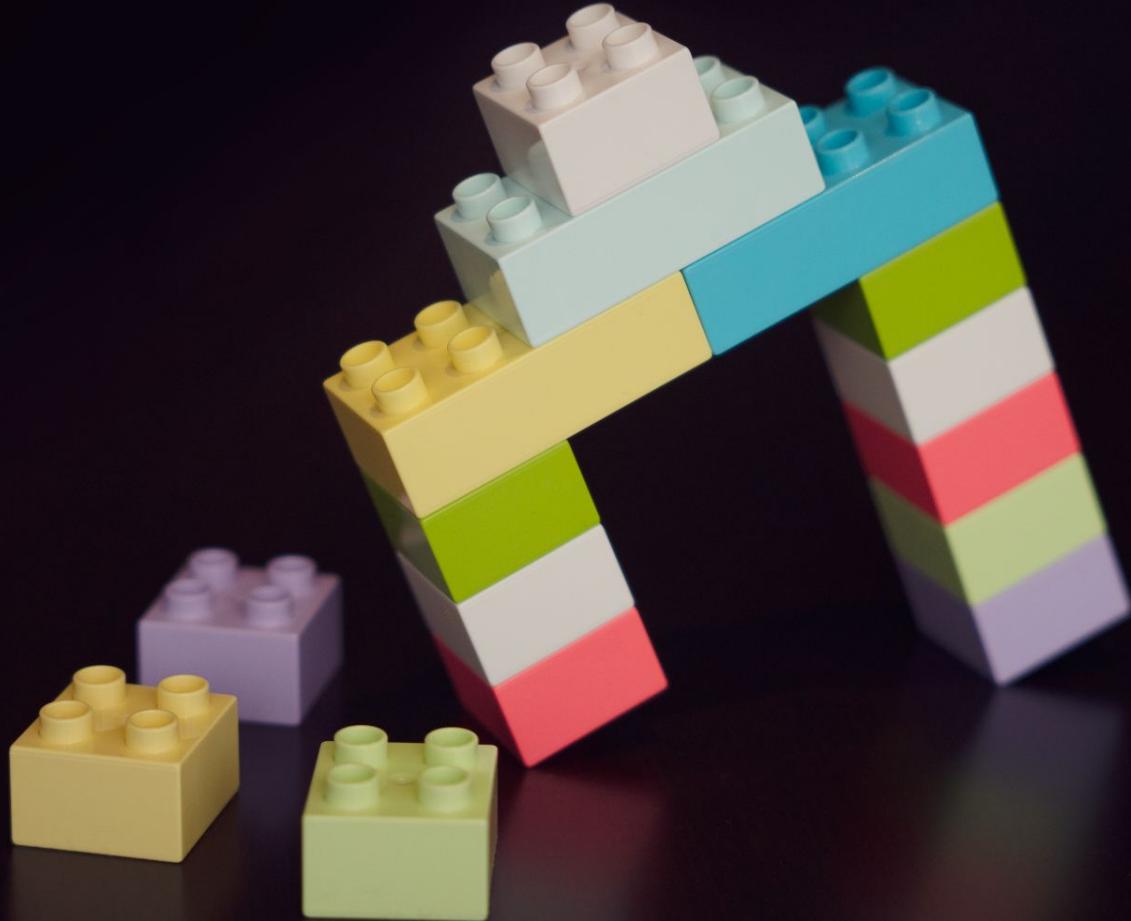
How it began

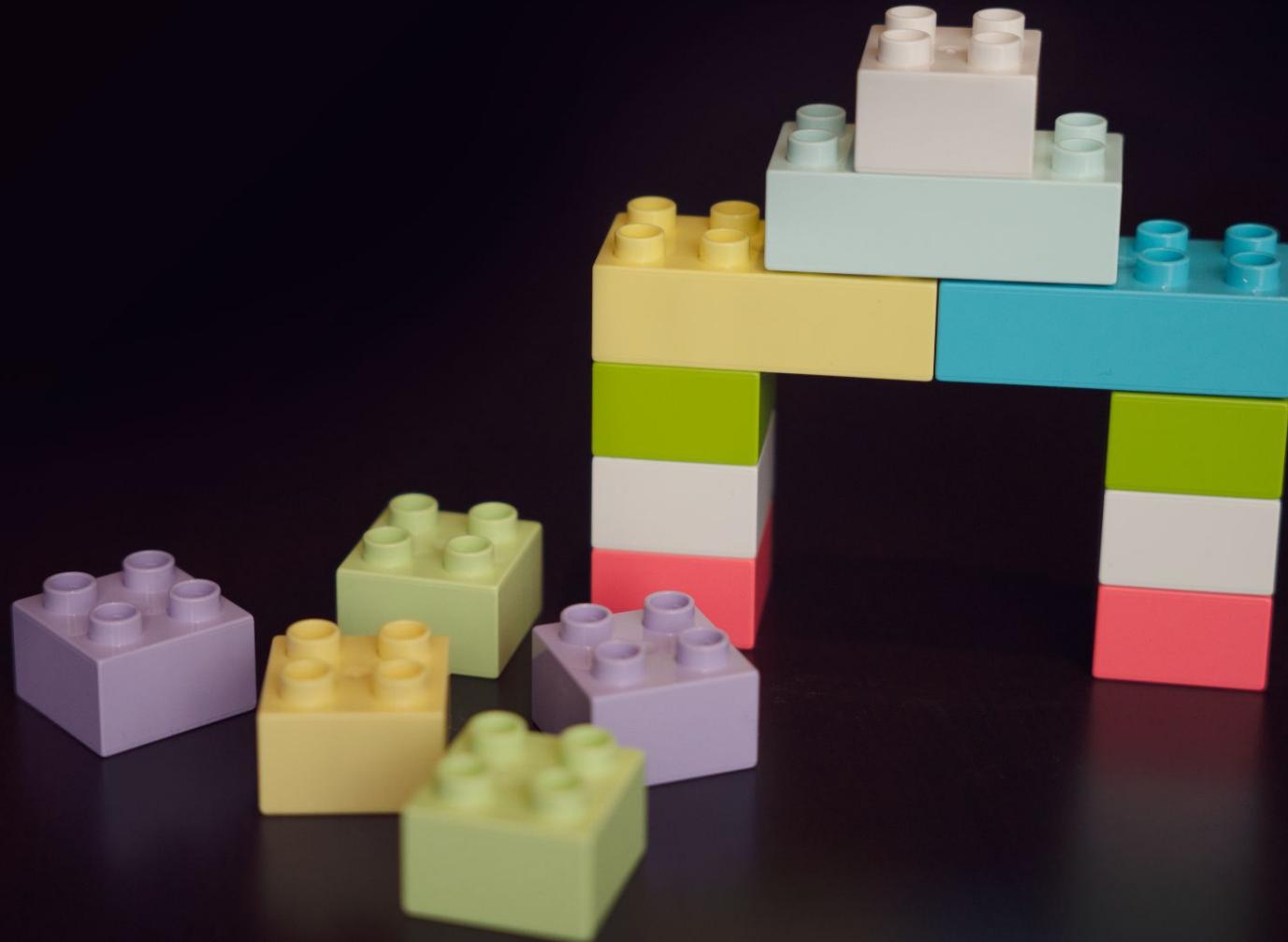
We are trained to add.











topic

Replies

Views

Activity

About the DIP Discussion category

If you want to discuss or propose a Devcon Improvement Proposal idea — do it here!



0

429

Aug '20

Colombia Crypto world cup Networking



18

303

1d

Let's make Devcon6 carbon neutral! A step towards implementing DIP-1/DIP-12



20

684

1d

Criptodex: Educational Game for Devcon Week



3

73

3d

Mat setup for BJJ/safe rolling



2

65

5d

Devcon Focused Dashboard / In-person & At-home



3

375

5d

/C Speed Dating



0

63

17d

Funding for new ETH related projects



2

81

17d







EcoDev



**ecosystem
support
program**

**3rd party
allocation**



Why do we subtract?



Subtraction is best for Ethereum

**Subtract to seek
the right balance**



**Subtract to seek
the right balance**





**Subtract to
focus on what
is most important**



**We believe that Ethereum's
potential is too great for any
single organization to own**

Examples

Balance & Focus

https://ethereum.org

ethereum

BLOCKCHAIN APP PLATFORM

Build unstoppable applications

Ethereum is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third-party interference.

These apps run on a custom built blockchain, an enormously powerful shared global infrastructure that can move value around and represent the ownership of property.

This enables developers to create markets, store registries of debts or promises, move funds in accordance with instructions given long in the past (like a will or a futures contract) and many other things that have not been invented yet, all without a middleman or counterparty risk.

The project was bootstrapped via an ether presale in August 2014 by fans all around the world. It is developed by the Ethereum Foundation, a Swiss non-profit, with contributions from great minds across the globe.

On traditional server architectures, every application has to set up its own servers that run their own code in isolated silos, making sharing of data hard. If a single app is compromised or goes offline, many users and other apps are affected.

On a blockchain, anyone can set up a node that replicates the necessary data for all nodes to reach an agreement and be compensated by users and app developers. This allows user data to remain private and apps to be decentralized like the Internet was supposed to work.

Smart money, smart wallet

https://ethereum.org

Build a new kind of decentralized application

Now it's your turn: start building what you dream of creating in Ethereum! Could your business be enhanced by operating on a cryptographically secure, decentralized, tamper-proof network?

Check out the [many great projects](#)* already being built on Ethereum. And since you'll be among the first developers in the world that are able to program decentralized applications, some of them might need your help.

*The above list is maintained by an independent party and the Foundation does not endorse its content or any particular project



Get the command line tools

If you feel more comfortable around a terminal, you can download our command line tools. We have different client implementations built in Go, C++, Python, Java and more.

[Install the command line tools](#)

Console: Geth

```
> listProposal(42)
Proposal #42 Send 100 ether to "Bob" for "Website Design", 4 votes
for, 2 against, 6 hours remaining.
> MyVote = Against
> MyOwnDemocracy.vote.sendTransaction(42, MyVote, {from: me})
```

News

Tweets by @ethereumproject

Community

[Blog](#) [Twitter](#) [GitHub](#) [Stack Exchange](#) [Facebook](#) [Reddit](#) [Meetups](#) [Email us](#)

Ethereum Foundation

Ethereum is developed by a worldwide team of passionate developers for the [Ethereum Foundation](#), a Swiss nonprofit organization.

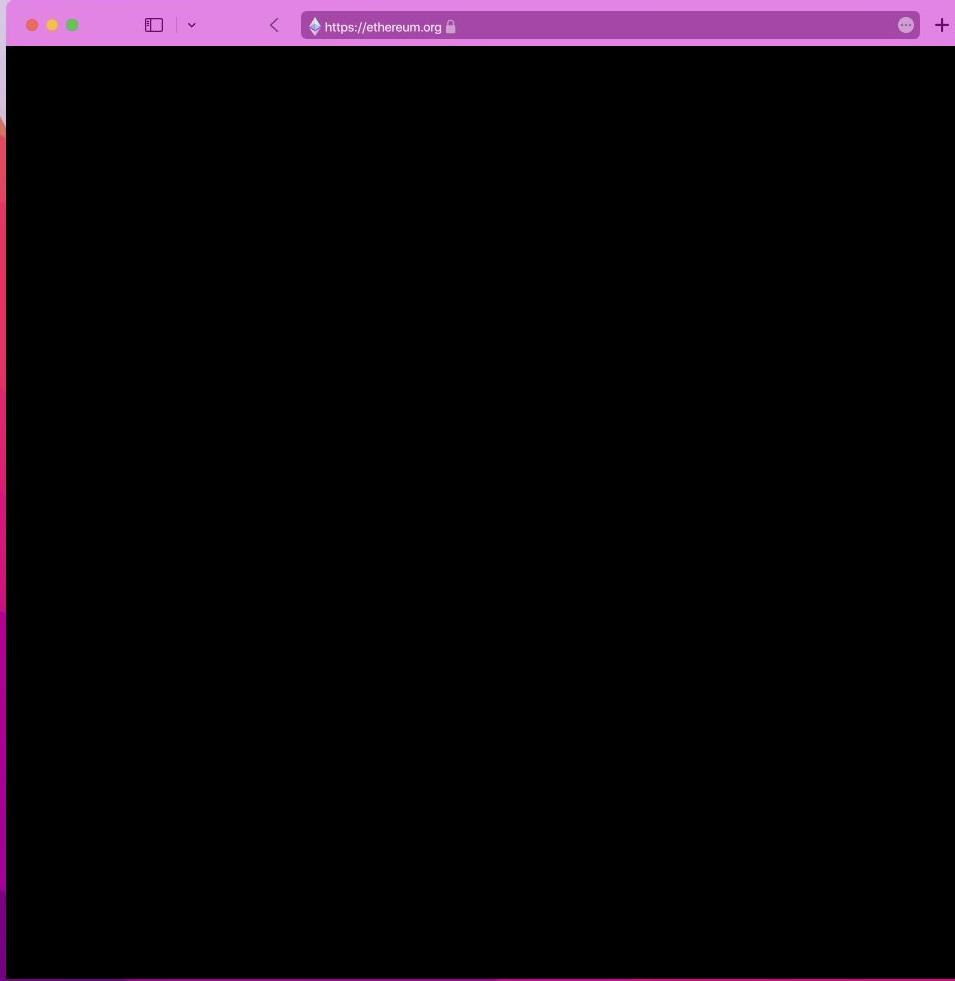
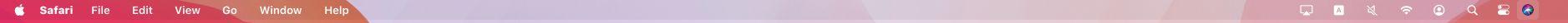
[Donate to support development](#)

(and you can get a unicorn!)

Developer Resources

- What is Ether? [Read our FAQ](#)
- Browse our source code on [GitHub](#)
- Read the [documentation](#)
- Learn [Solidity](#)
- See the latest data and network stats
- Download our logo assets
- Want to write about Ethereum? [Press inquiries](#)

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Ethereum

이더리움

ઇथેરિયમ

எதீரியம்

イーサリアム

اتریوم

Eterijum

Etérium

Αιθέριο

වීනොරීයම

ଜ୍ଞାନୀୟମ୍

以太坊

אתריום



Who will be the next billion
builders of Ethereum?

Ethereum

이더리움

ઇથેરિયમ

எதீரியம்

イーサリアム

اتریوم

Eterijum

Etérium

Αιθέριο

වීනොරීයම

ഒരു എത്തില്ലമ്

以太坊

אתריום



Who will be the next billion
builders of Ethereum?

Client Incentive Program



TEKU



Client Incentive Program



TEKU





ENS



ENS



NOMIC
FOUNDATION

makers of



Hardhat



0xPARC



NOMIC
FOUNDATION

makers of



Hardhat



0xPARC

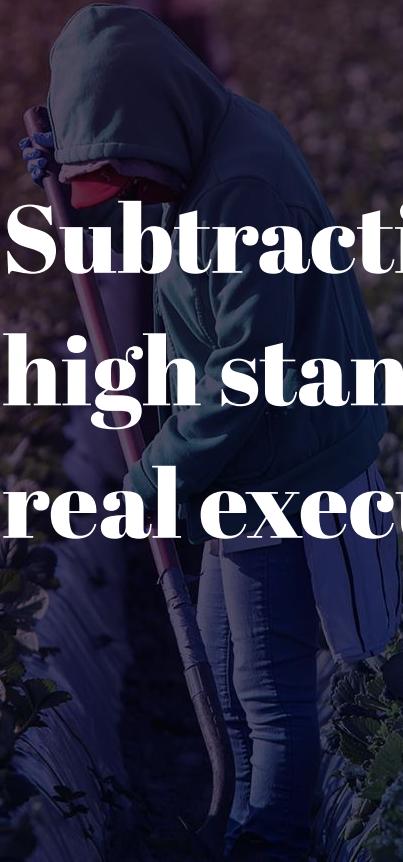


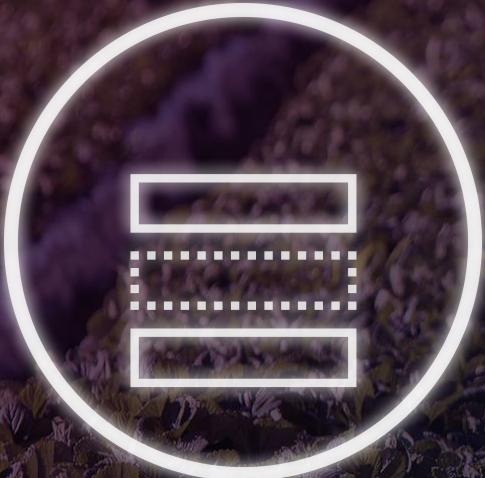
Can you subtract?

Myths and truths about subtraction



**Subtraction requires
high standards and
real execution**





Subtraction requires high standards and real execution

More education, communication,
coordination, and research.

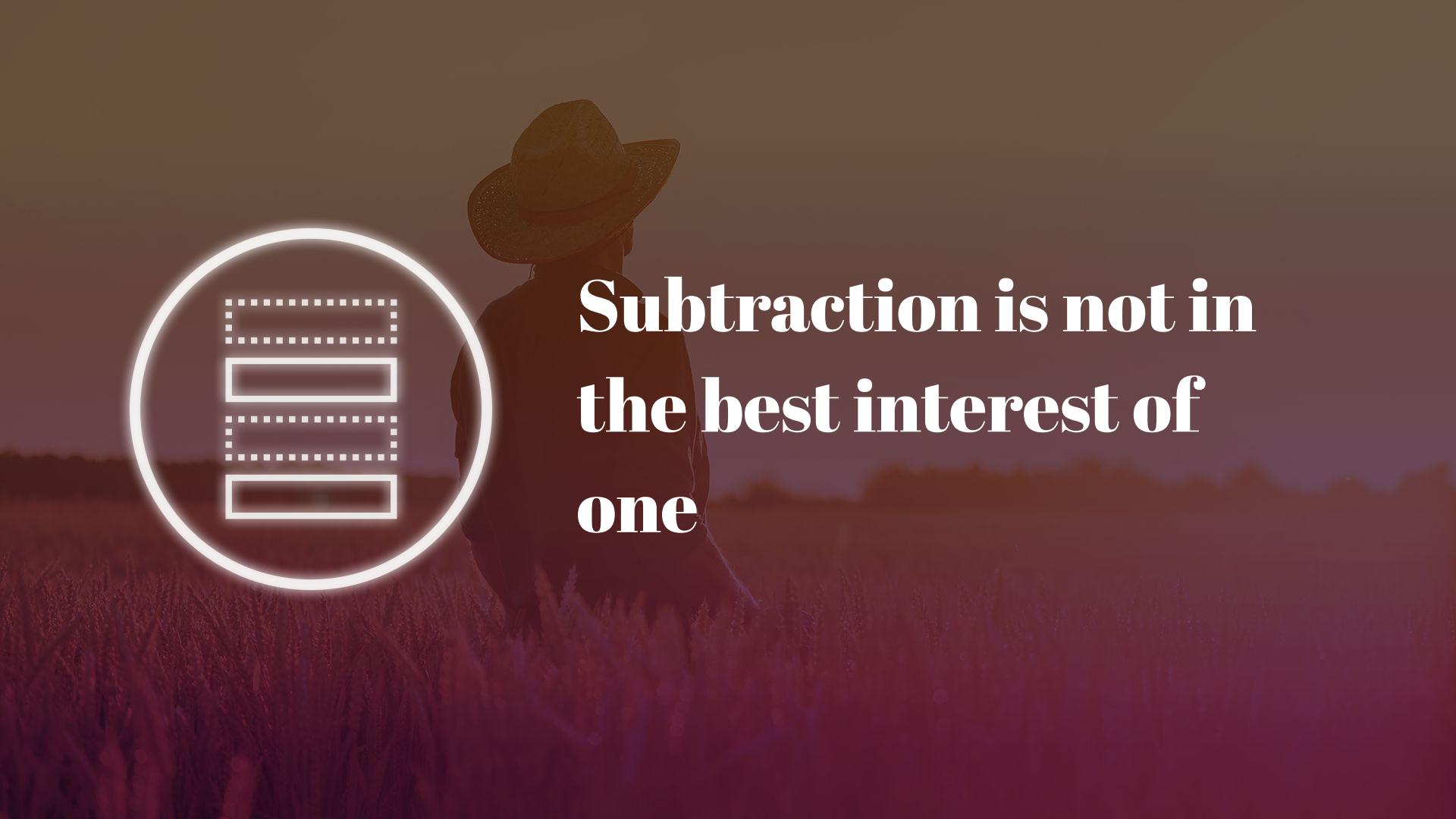


**Subtraction may not
be recognized**



Subtraction may not be recognized

You need different motivations



**Subtraction is not in
the best interest of
one**





**Subtraction is not in
the best interest of
one**

For everyone, for the long term.



You can “add” with
the subtraction
philosophy.





You can “add” with
the subtraction
philosophy.

“How can community solve these
problems and how can we help them?”

A photograph showing a close-up of several hands, including adults and children's, holding small green seedlings with delicate leaves. The plants are growing in dark, moist soil. The hands are positioned in a circular or cluster-like arrangement.

Subtraction can be fun and exciting





Subtraction can be fun and exciting

Working together with others toward
the same goal

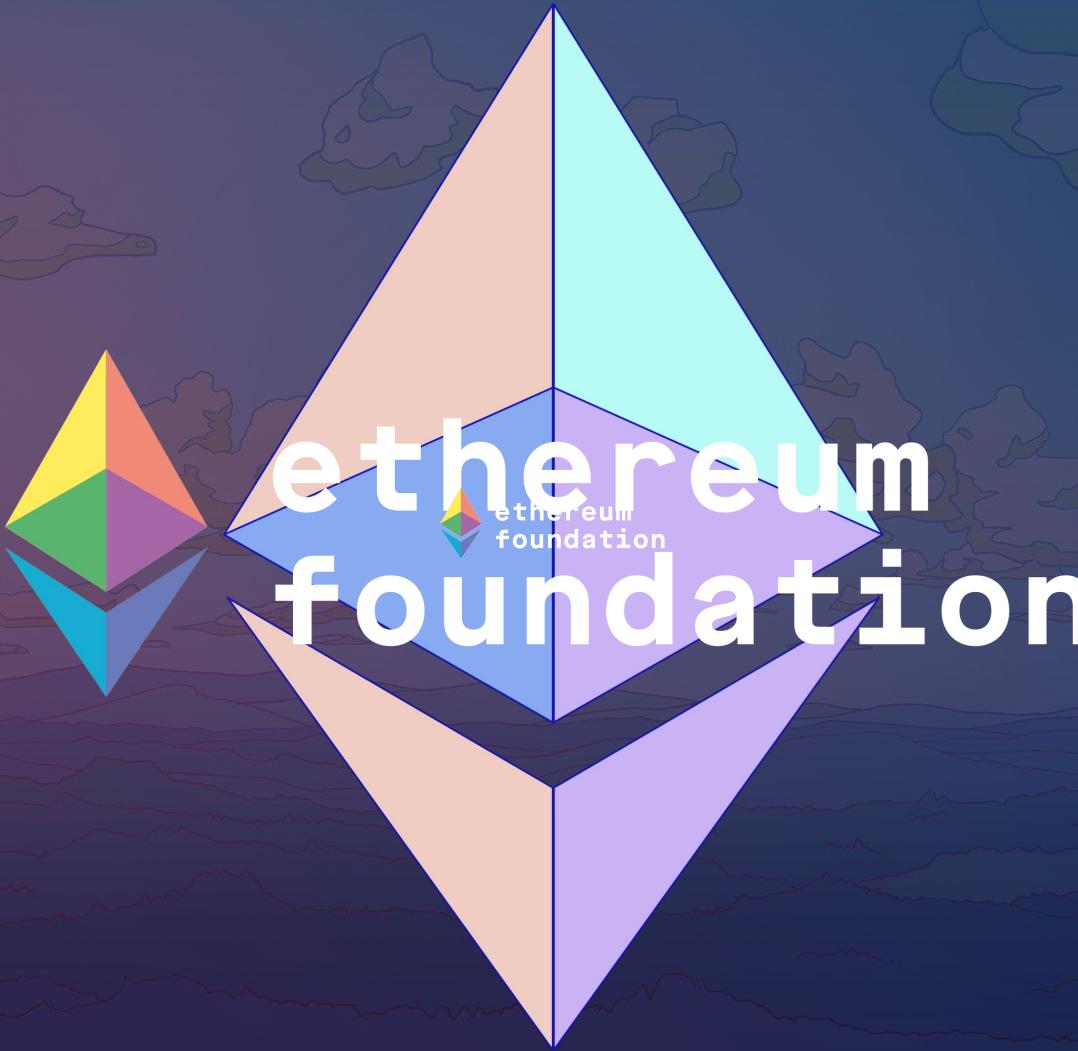


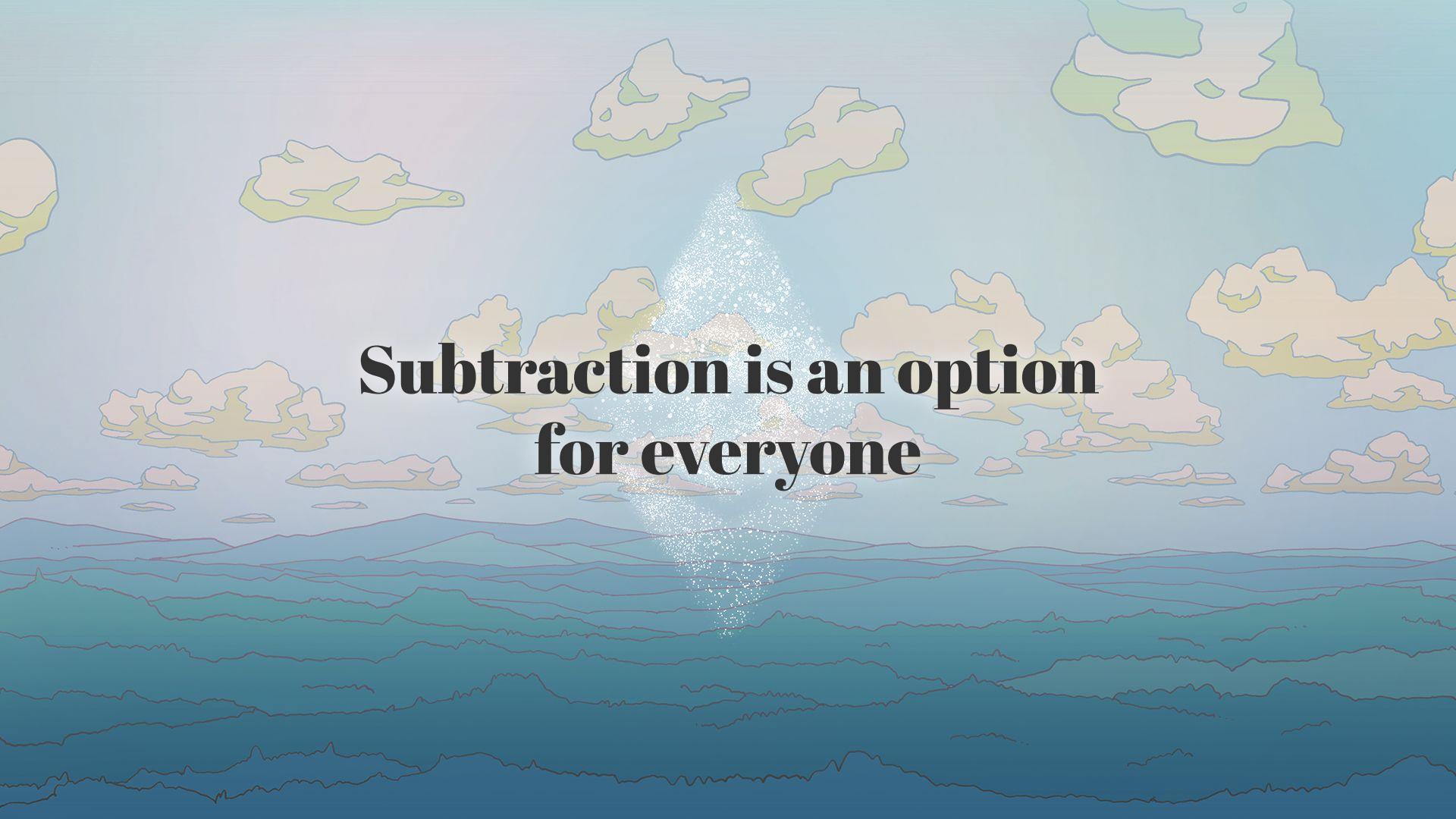
**Subtraction brings
win-win-win**



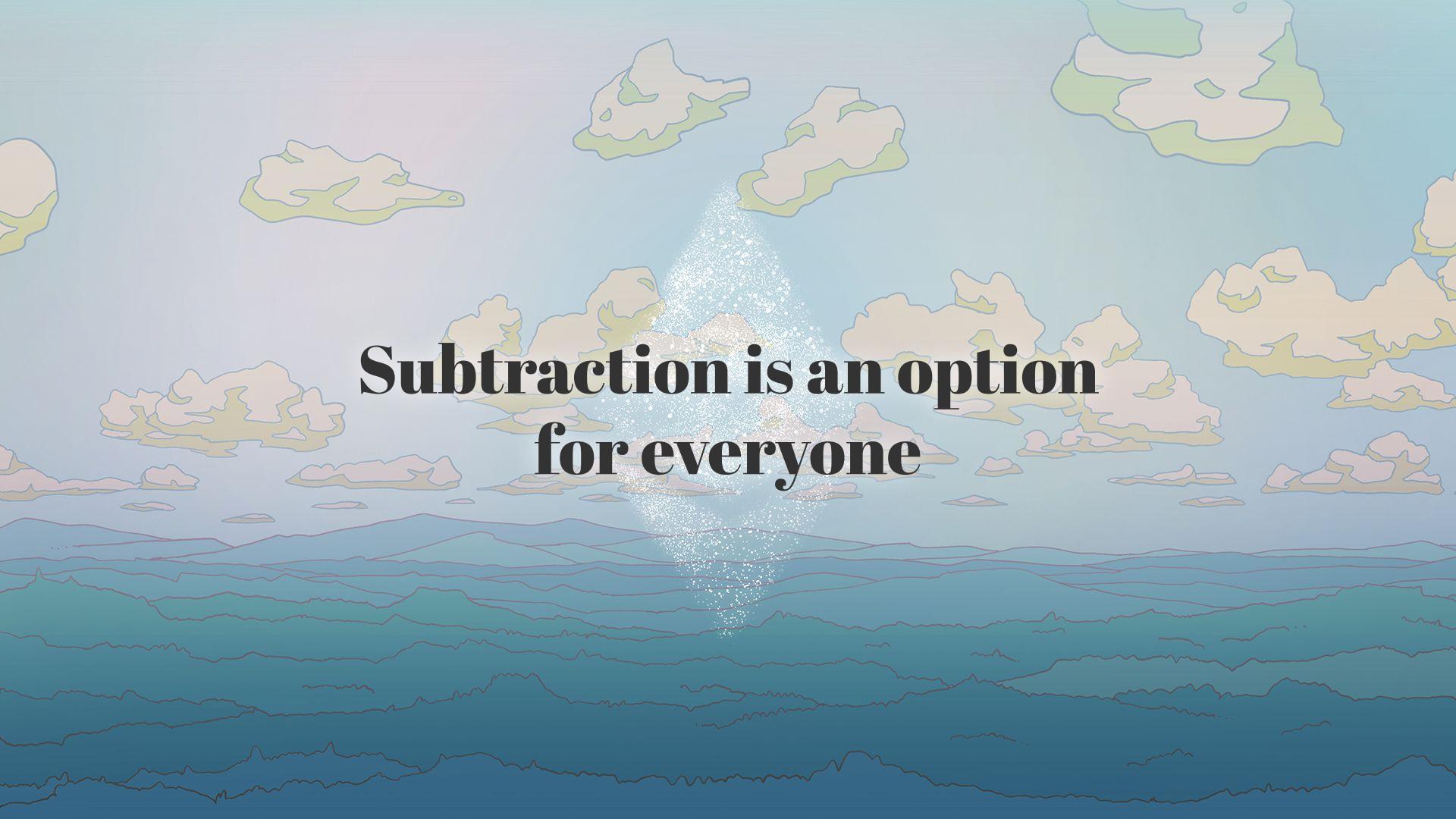
Subtraction brings win-win-win

Increases the size of the pie





**Subtraction is an option
for everyone**



**Subtraction is an option
for everyone**