

~\$30B

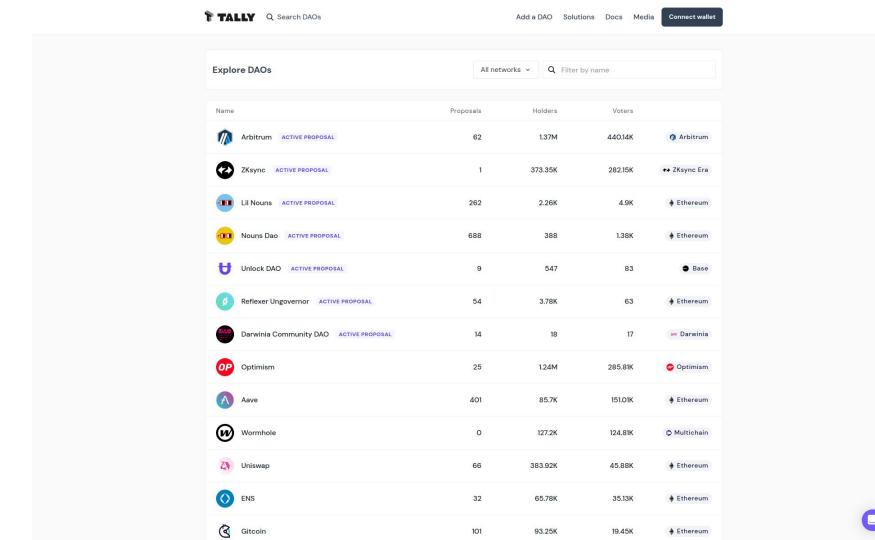
Value held by DAOs

— Tally

~33M

Wallets own "voting" tokens in their portfolio

— Tally



Growing application = growing governance needs

EOA

Multisig

DAO

Deployment, testing

Early stage
Building a community
around your app

Later stage
Once you have a strong user base
that take responsibility

Don't rush the decentralization of your app's governance, but prepare for it "early".

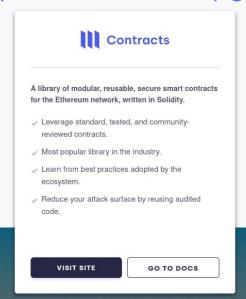
Many options

- How can vote?"Multisig" vs "Token holders"
- What do you vote on?"Manage funds" vs "Arbitrary execution"
- Lifecycle of the proposal?
 - o Threshold, Quorum, Durations
 - Voting options
 - Auxiliary contracts (token, timelock, ...)
- Lifecycle of the governance?
 - Upgradeability
 - Separation of concerns "vote / execution"

Figuring all that is not easy, and will impact you and your users!

Contracts

@openzeppelin/contracts@5.1.0
@openzeppelin/contracts-upgradeable@5.1.0



There is no silver bullet (yet)

You may want to:

- Have different rules depending on "proposal details"
 - Amount of funds moved
 - Chain that is going to be affected
- Combine community votes with a multisig of "guardians"
 - Community votes can literally be "bought"
- Have a "dynamic" approach to voting

Upgradability is not ideal. Maintaining multiple instances is not practical.

Are DAO just "smart accounts"?

Why not make the governor contract an ERC-4337 / ERC-7579 smart account?

- Governor would refund proposers (with some conditions) using ERC-4337
- Queuing / Execution would also see gas refunded (always?)
- Signature verification is replaced with vote verification
 - Using an ERC-7579 module
 - Voting would happen on the module, not on the governor
 - Many voting modules can be enabled that provide different "voting modes"

This simplifies migrating from the "multisig phase" to the "DAO phase"

