

A Public Database for the Planet



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The centralized internet

Creative works are backwards

Others' stuff – hard to use legally

Your stuff – hard *not* to lose

Your data isn't really yours

Walled gardens – you can't share how you want

Data silos – You can't take it with you if you want to leave



A better internet

Creativity is encouraged

- Creators are fairly compensated
- The cultural commons is protected

Your identity is yours

- You own your personal data
- You manage your reputation
- You choose what to share and what stays private

And more

- Equal opportunity for banking
- Know where your atoms come from



Building a better internet

What can help?

Shared global compute infrastructure

- Decentralized: No single entity owns or controls
- Shared: Resources and control shared among participants
- Self-sustaining
- Planetary scale

Shared global compute infrastructure



APPLICATION

PLATFORM

ID

IP

FIN

EN

PHYS

PROCESSING

STORAGE

FILE SYSTEM

- Media blobs

DATABASE

- Queries
- "Global truth" registry

LOWER-LEVEL PROTOCOLS
(TCP/IP)

Shared global compute infrastructure



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IPFS

DATABASE

Missing piece!
(BigchainDB just SW)

LOWER-LEVEL PROTOCOLS
(TCP/IP)



IPDB

INTERPLANETARY DATABASE



What is IPDB?

A network
running a public
decentralized
database



A non-profit
foundation
governed by the
network



IPDB

INTERPLANETARY DATABASE



- For everyone, everywhere
- Free until heavy usage, then pay web service style
- Initial tech is BigchainDB
- Member caretakers will operate validating nodes



IDPB Caretakers

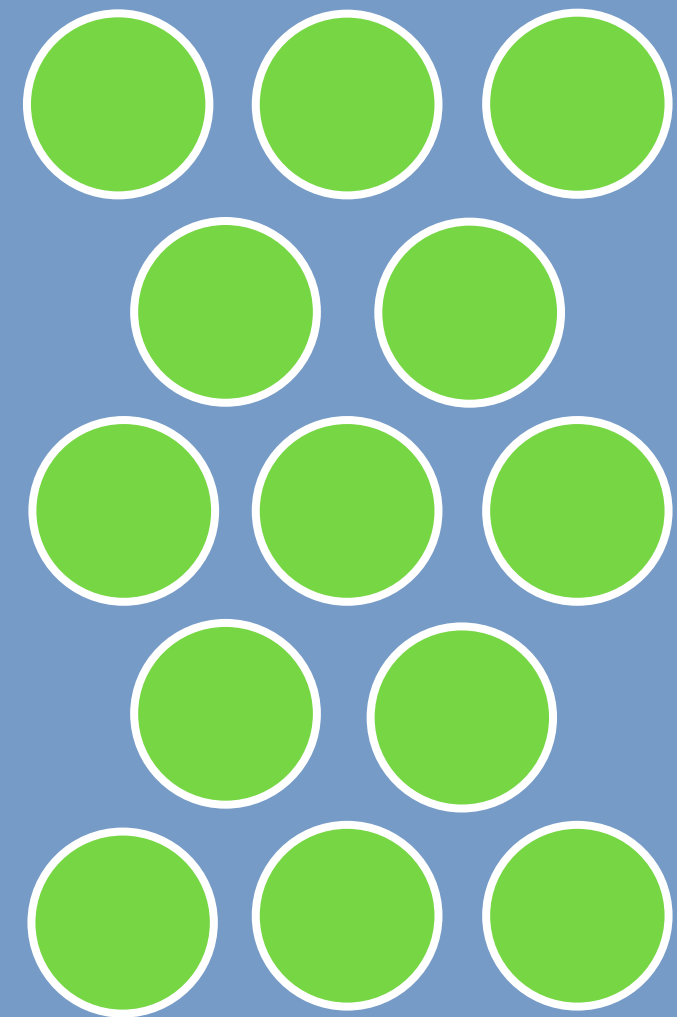


Long-standing commitment to the decentralized internet

At least half non-profit

Fewer than half in any given country

Caretakers (so far)



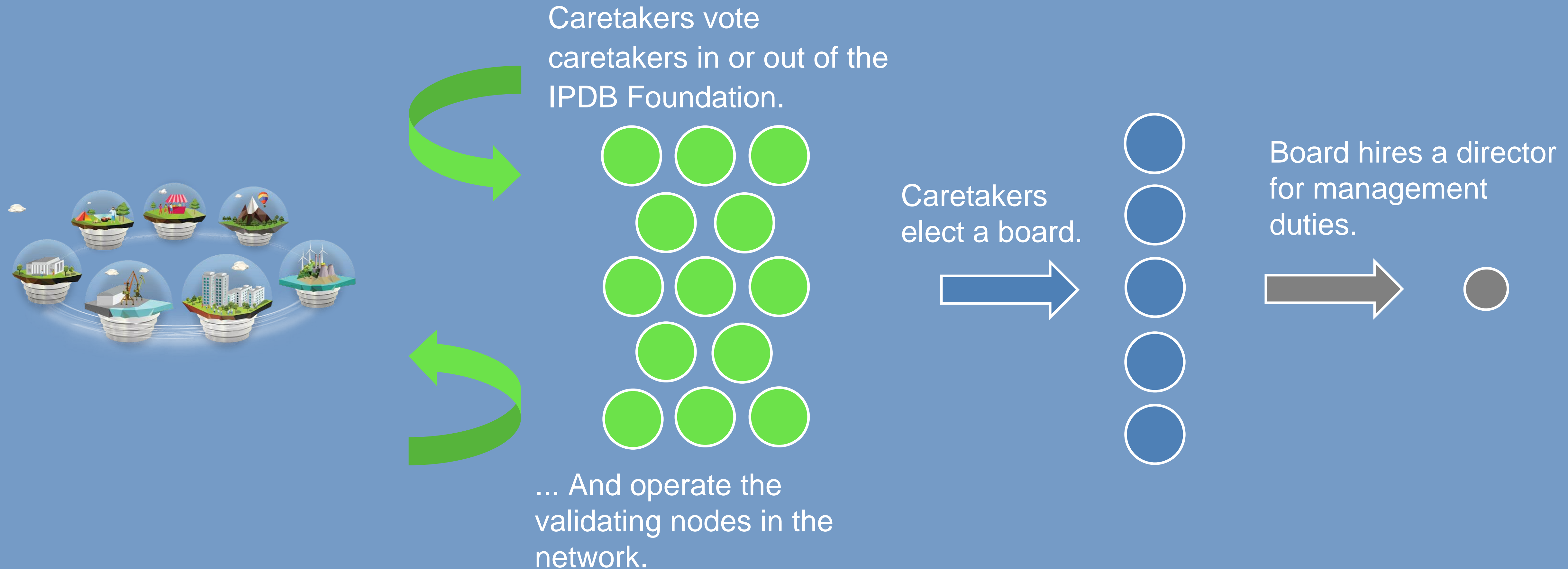
Not-for-profit

Blockstack
COALA
Dyne.org
Internet Archive
OpenMedia
UnMonastery

For-profit

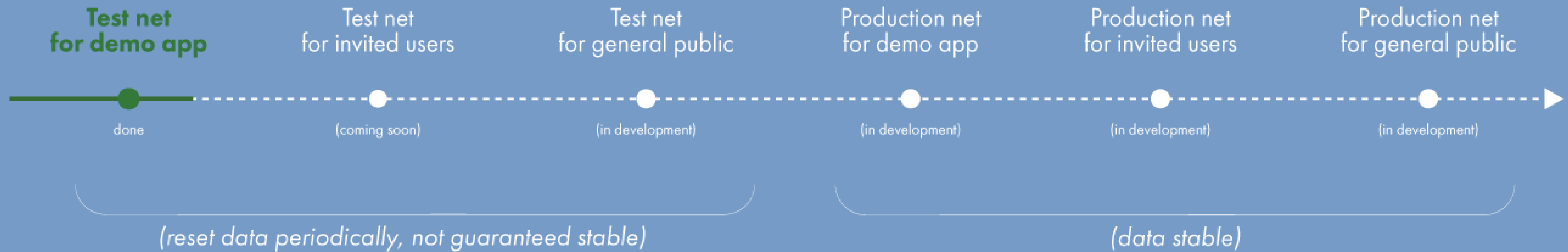
ascribe / BigchainDB
Consensys
Eris Industries
Protocol Labs (IPFS)
SmartContract.com
Synereo
Tendermint

Governance: caretakers at the heart



Yes, this could be a DAO.
But not yet. Walk before we run.

Roadmap





IPDB

Everywhere, for everyone.

Toward a better internet for personal data, the cultural commons, compensating creators, financial inclusiveness and more.