



Nexus Mutual

Using Ethereum to replace insurers with community driven mutuals.



A DECENTRALISED ALTERNATIVE TO INSURANCE



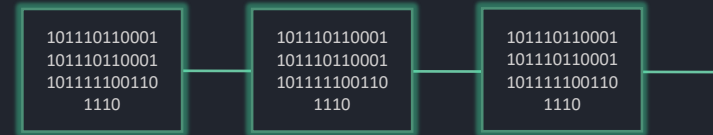
What is a Blockchain?

Blockchains are a shared database

Block > Are a group of updates to the database (or transactions).

Chain > Blocks are linked together, so the sequence of transactions cannot be broken.

A duplicated database.



The database is shared between anyone who has the permission to run-it.

Private vs Public

Private > Restricted access to certain known entities.

Public > Anyone can run-it.

Trust

Entities

Network

Performance

High

Low

Privacy

As required.

Poor

Insurance industry is mostly focussed on private chains to access cost savings.

Smart Contracts

Neither smart nor contracts.

State

14c5f8ba: - 1024 eth
bb75a980: - 5202 eth if !contract.storage[tx.data[0]]: contract.storage[tx.data[0]] = tx.data[1] [0, 235235, 0, ALICE
892bf92f: - 0 eth send(tx.value / 3, contract.storage[0]) send(tx.value / 3, contract.storage[1]) send(tx.value / 3, contract.storage[2]) [ALICE, BOB, CHARLIE]
4096ad65: - 77 eth

Transaction

From:
 14c5f88a
To:
 bb75a980
Value:
 10
Data:
 2,
 CHARLIE
Sig:
 30452fdedb3d
 f7959f2ceb8a1

State'

14c5f8ba: - 1014 eth
bb75a980: - 5212 eth if !contract.storage[tx.data[0]]: contract.storage[tx.data[0]] = tx.data[1] [0, 235235, CHARLIE, ALICE ..
892bf92f: - 0 eth send(tx.value / 3, contract.storage[0]) send(tx.value / 3, contract.storage[1]) send(tx.value / 3, contract.storage[2]) [ALICE, BOB, CHARLIE]
4096ad65: - 77 eth

Small computer programs that define how the "state" of the database gets updated from block-to-block.

Enables computer programs to be run that cannot be interfered with... by anyone.

Why? Insurance began with mutuals. Blockchain enables mutuals to scale.

Mutuality is the original insurance structure that better aligns interests.

History > Villages, communities and trade groups started insurance by sharing risk in a mutual way.

Problem > Mutuals struggle to scale trust and capital. This is why insurance companies now dominate.

- Disparate community groups can't trust each other, limiting growth; and
- Mutuals can't access capital outside their membership base easily.

Blockchain allows the mutual model to scale, removing the insurer.

Trust > Individuals who don't know each other can trust each other.

Capital > Tokenising membership rights brings capital flexibility.

Nexus Mutual will replace the insurance company with a community based DAO.

Smart Contract Cover

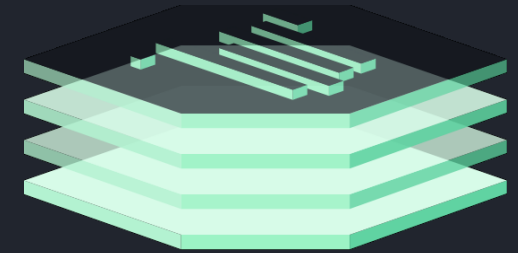
Initial product to gain scale.

A Critical Risk for the Ethereum Community

- Developer > What if there's a bug, how will we rebuild our reputation?
Will the project have to end?
- User > How can I be sure the contract will work, I don't want to lose my funds.

SMART CONTRACT COVER

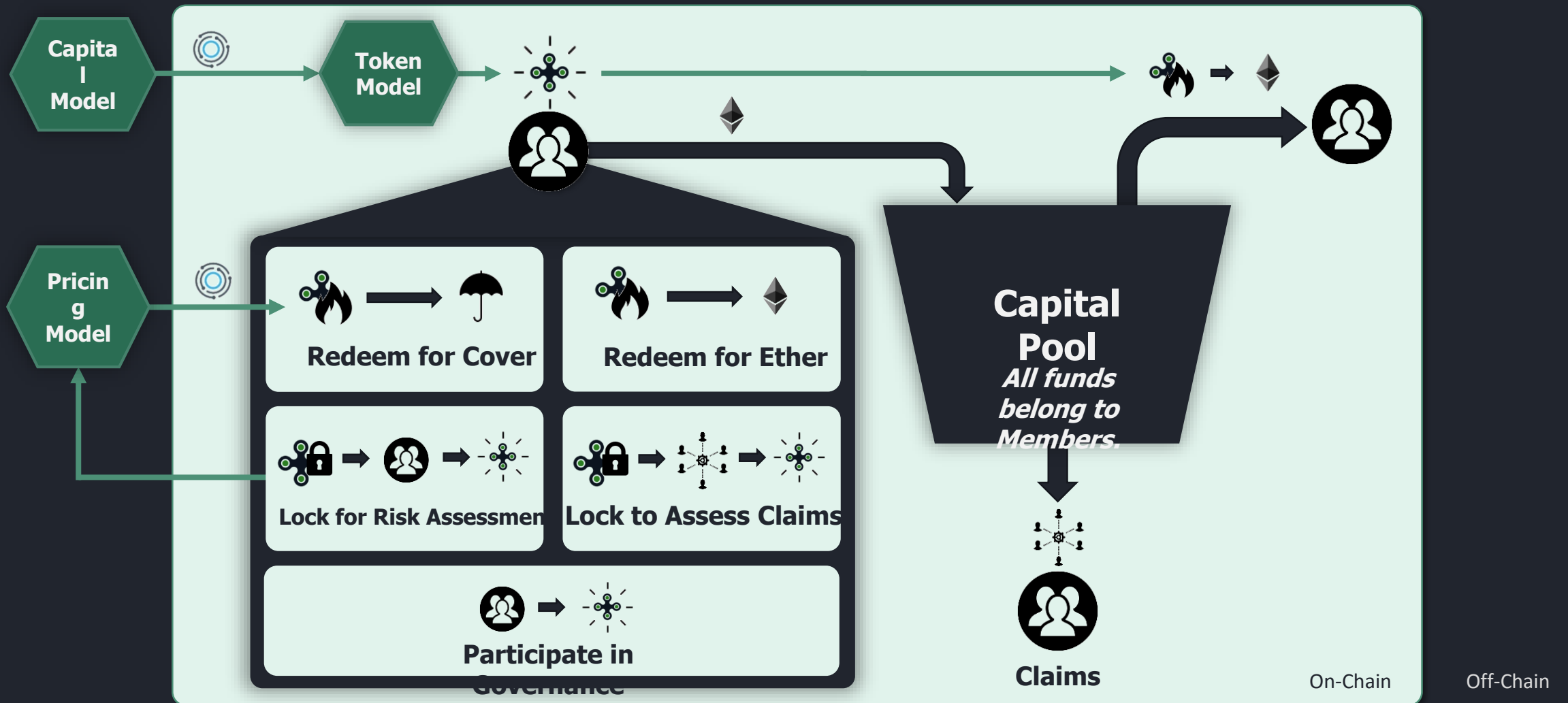
If the designated smart contract code is used in an "unintended way" that causes a direct material financial loss then a claim will be paid.



Nexus Mutual is product agnostic. Start with crypto risks and then expand.

How it works

Membership rights are represented by tokens



Token Uses

Only Nexus Mutual members can purchase, hold and use NXM.

Purchase Cover

- > 90% of NXM used to purchase cover is burned.
- > 10% is retained by the Member and can be used as a deposit when submitting claims.



Governance

- > NXM is the voting weight in governance.
- > Participating in voting earns NXM.
- > Voting locks tokens from redemption & transfer.



Claims Assessment

- > NXM can be staked to vote on claims.
- > Voting with the consensus earns NXM.
- > Voting against the consensus locks the stake for longer time periods.
- > Vote fraudulently and the stake will be burned.

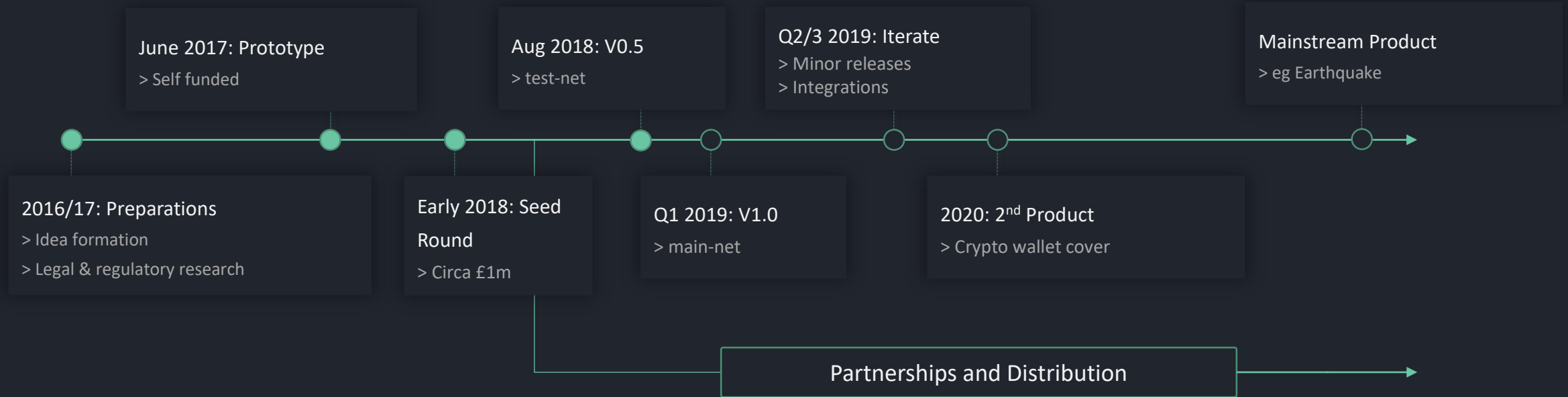


Risk Assessment

- > NXM can be staked against any smart contract to lower the price of cover.
- > When cover is purchased the staker earns NXM.
- > Should a valid claim occur within 250 days some stake is burned.



Roadmap



Launch a highly desirable first product, then iterate and grow.

Any questions?

hugh@nexusmutual.io



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