

Governing together

Blockchain Summit Uruguay, Montevideo
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Introduction



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- Decred collaborator



**How do we make
sure a Blockchain
lasts in time?**

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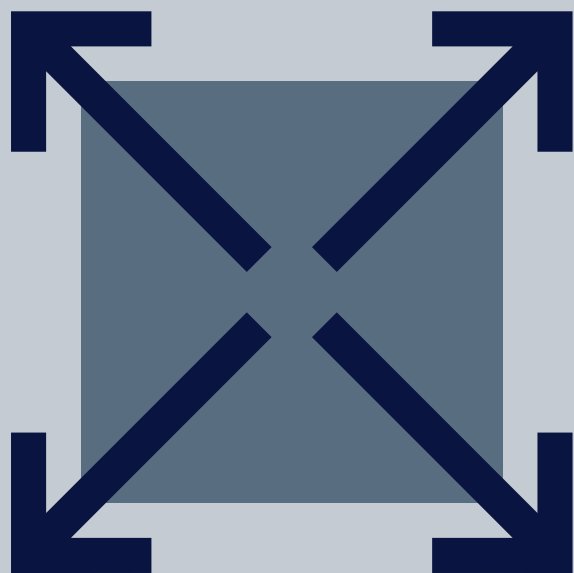
- Technical innovation
- Decentralized decision making
- Self-funding
- Balanced incentives



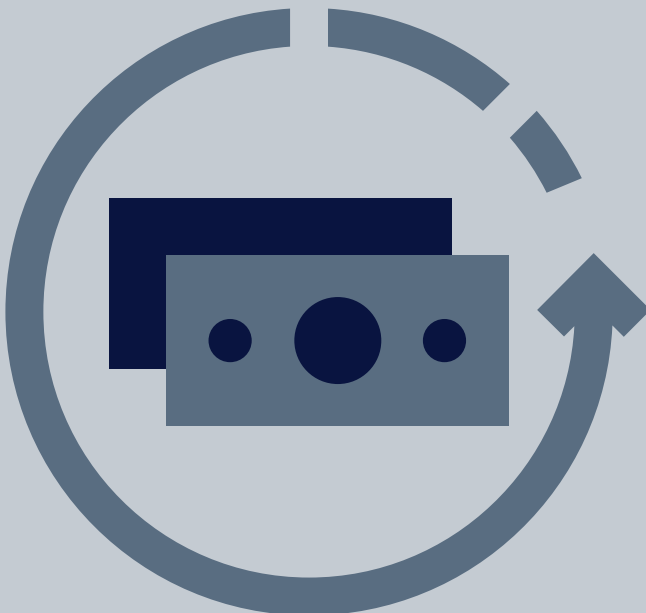
Three main pillars



Security



Adaptability



Self-funding




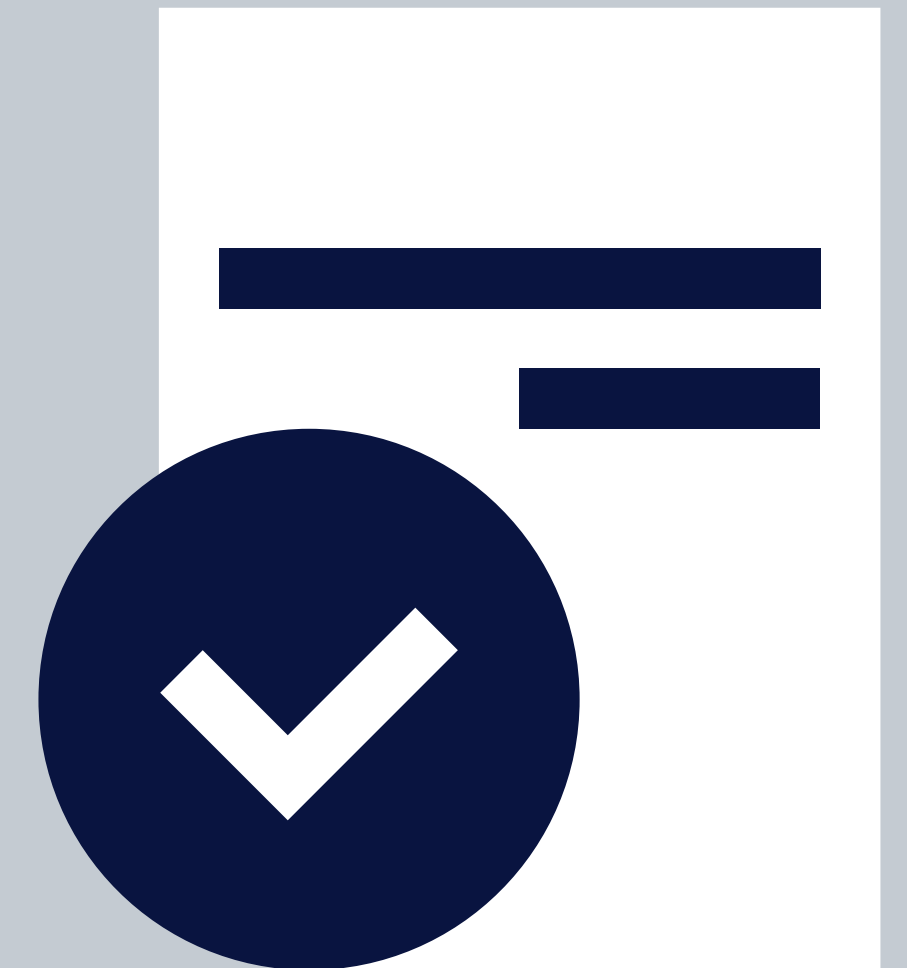
Security

- Hybrid PoW/PoS system
- Miners create blocks
- Stakeholders validate blocks
- PoS audits PoW

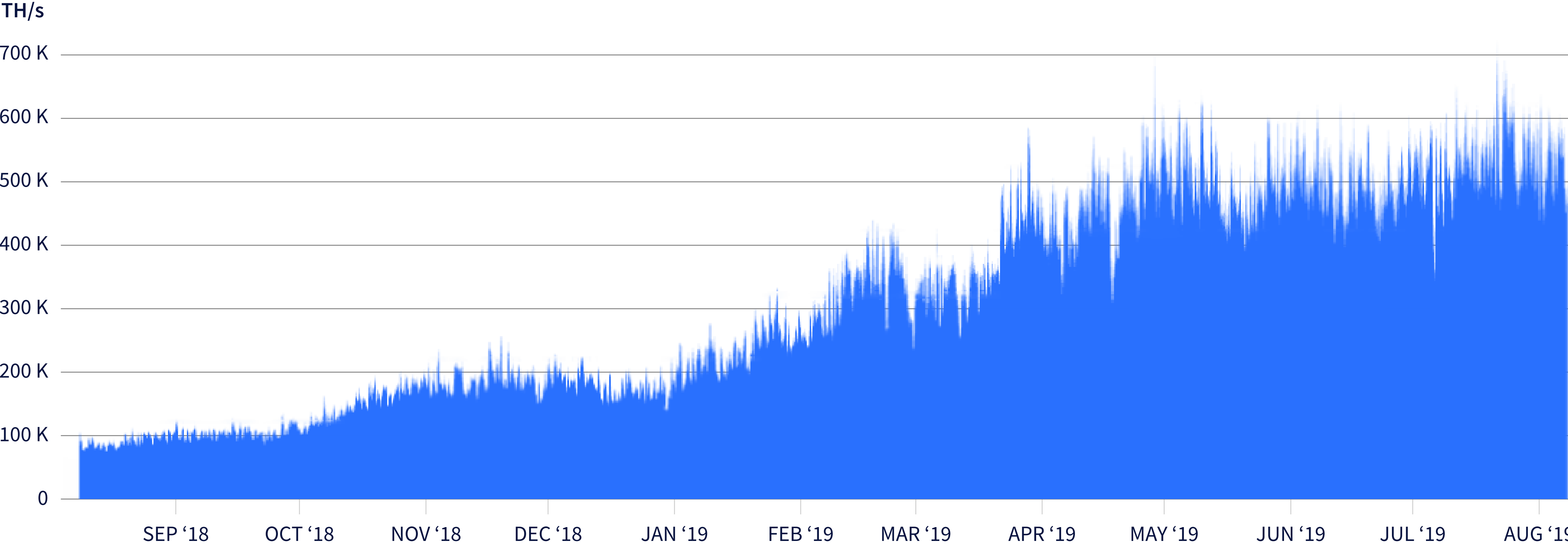


PoW Security

-  Timestamping
- Blake256(14r)
- More hashrate, more security

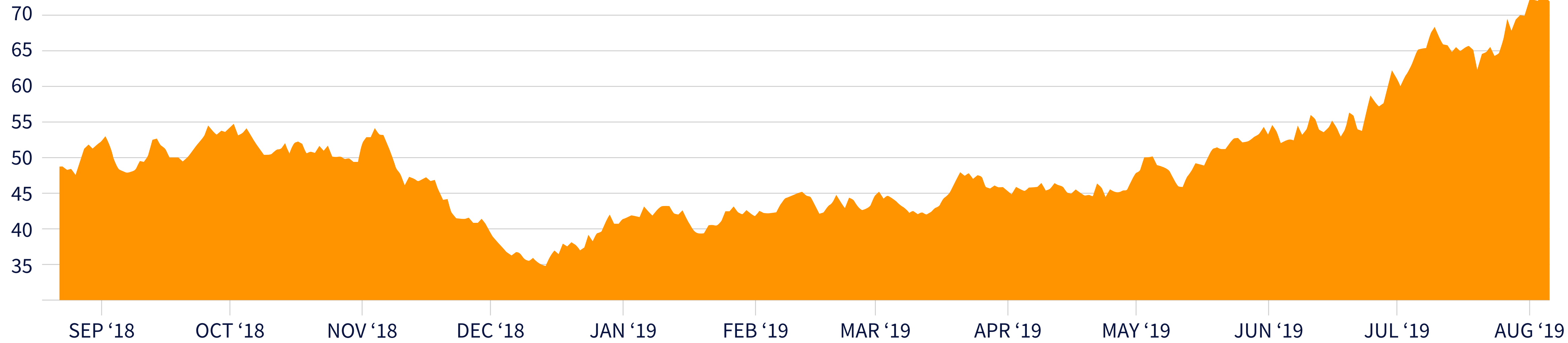


Hashrate growth

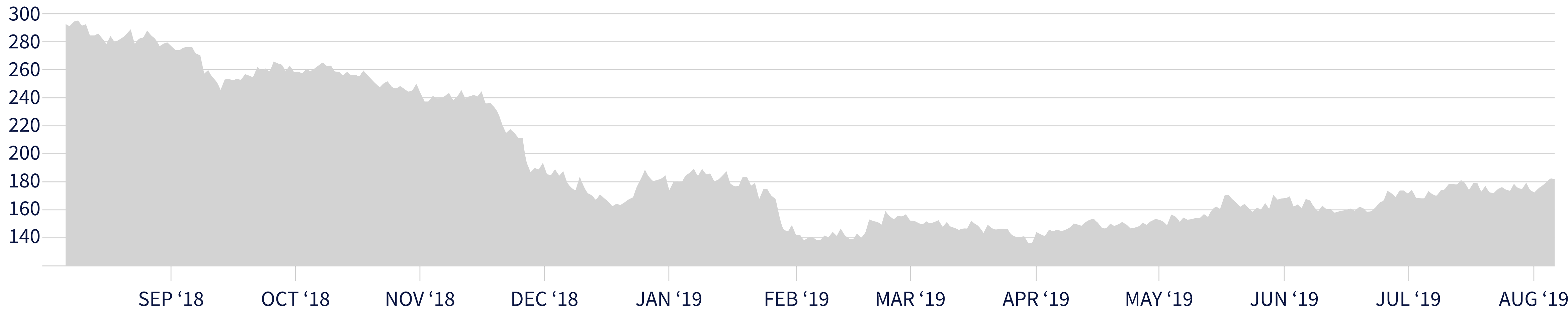




EH/s

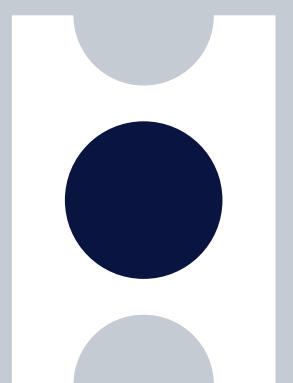
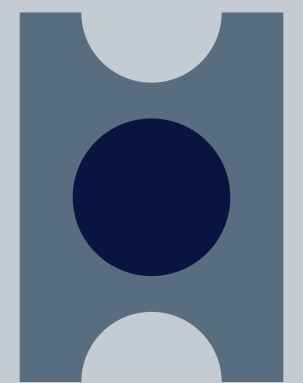
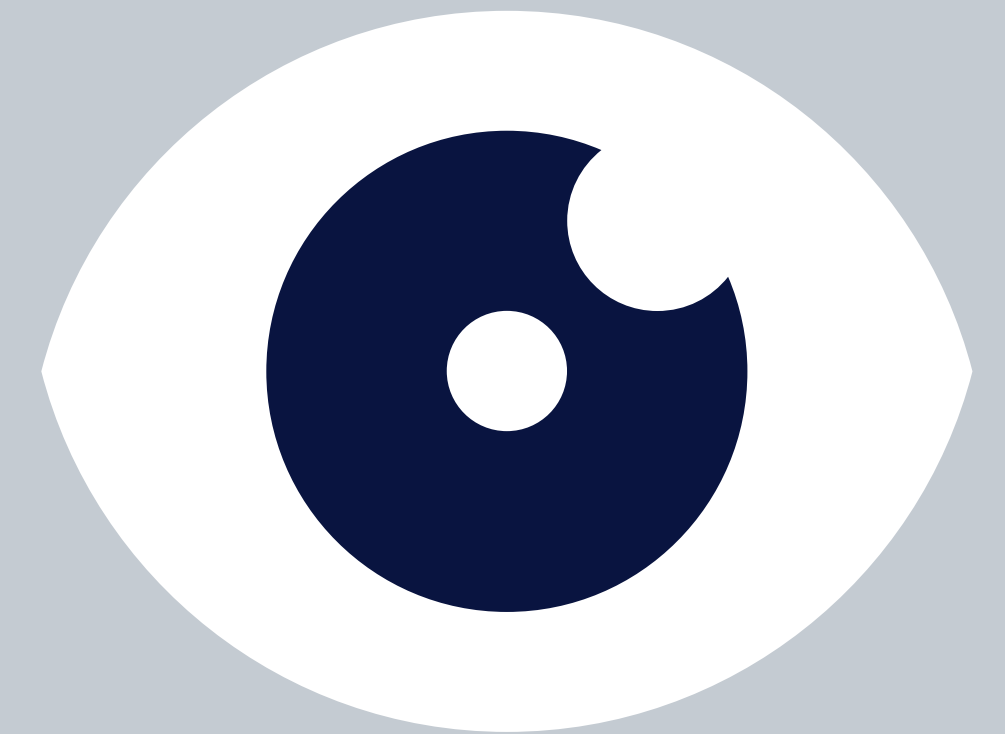


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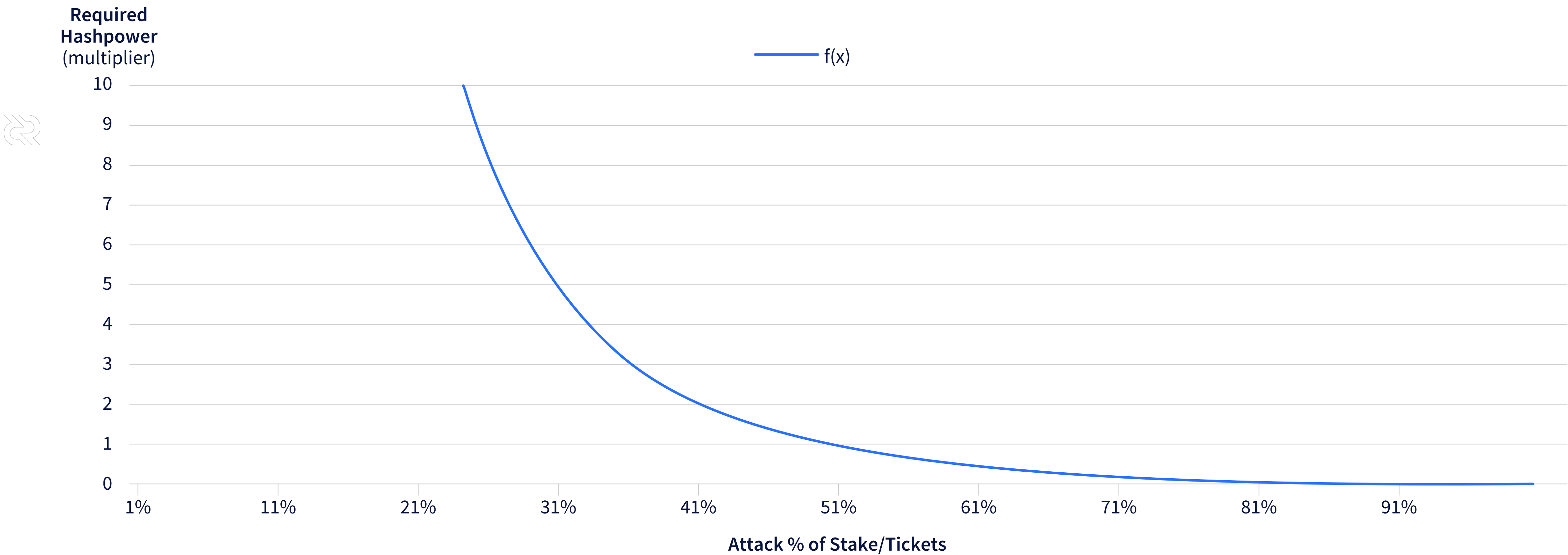


PoS security

- Buying tickets
- PoS block validation
- Participation
- Every new block needs **3 out of 5 tickets**, of random picked tickets to be valid
- PoS as 2FA for PoW



Security against majority attacks



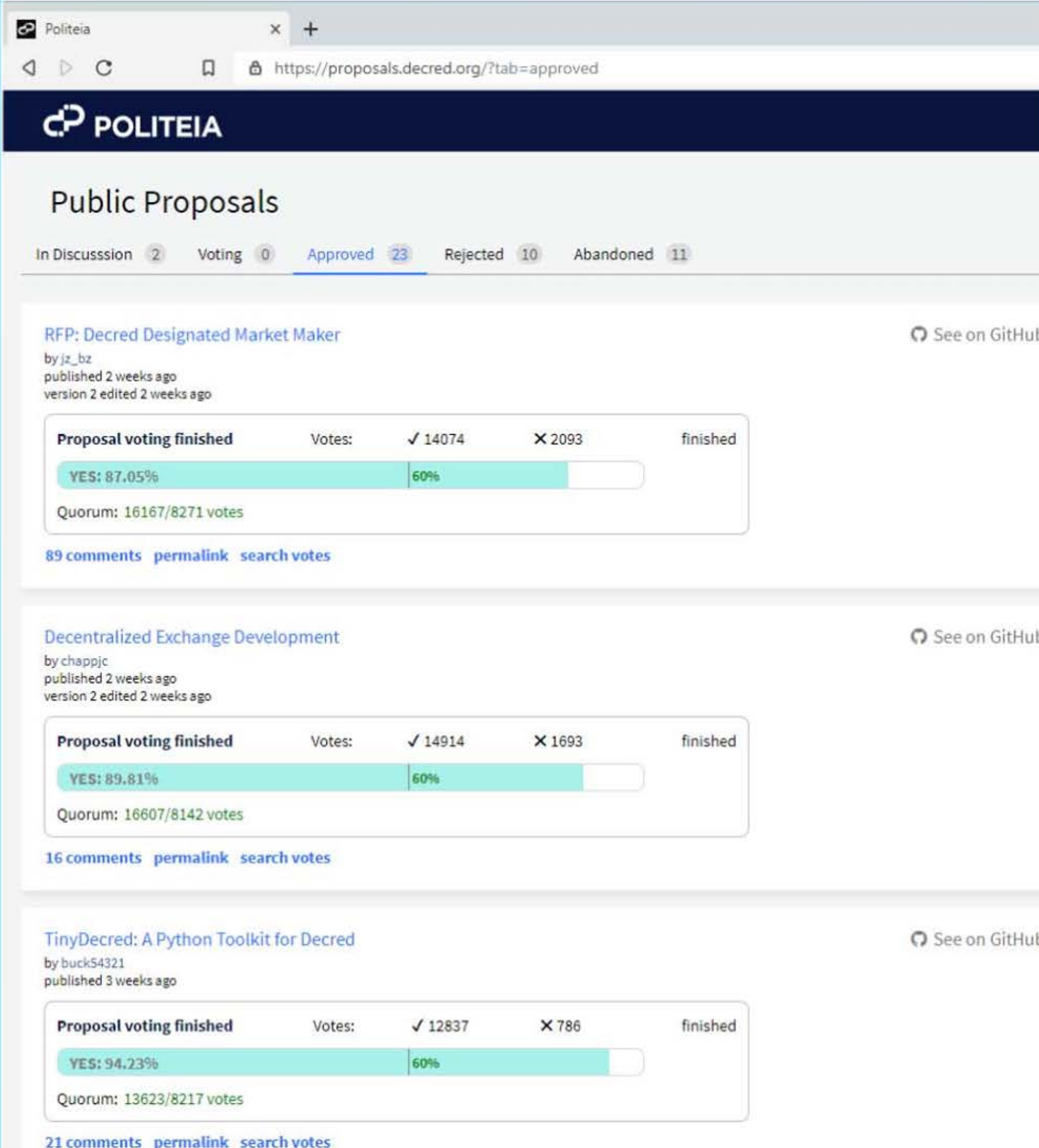
Adaptabilidad & Governance

- 60-30-10 distribution
- Voting for changes
- Decentralized treasury



Politeia: The governance platform

- To learn more about Politeia, visit: proposals.decred.org



The screenshot shows the Politeia website interface. The browser address bar displays <https://proposals.decred.org/?tab=approved>. The page header features the Politeia logo and the title "Public Proposals". Below the header, there are tabs for "In Discussion" (2), "Voting" (0), "Approved" (23), "Rejected" (10), and "Abandoned" (11). The "Approved" tab is selected.

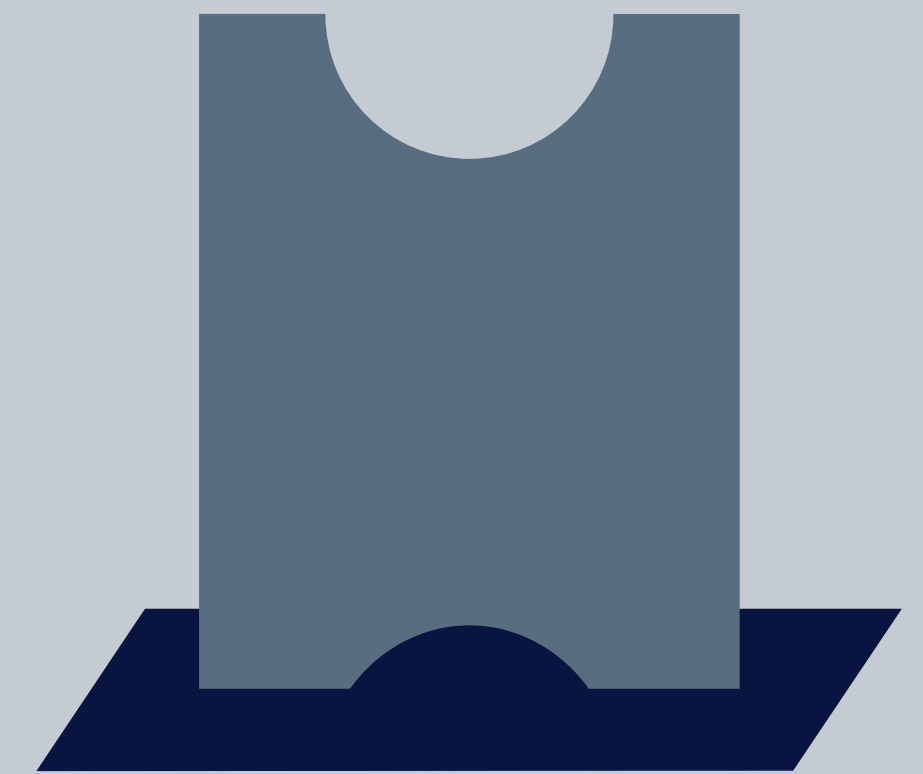
The main content area lists three approved proposals, each with a voting progress bar and a "See on GitHub" link.

- RFP: Decred Designated Market Maker**
by jz_bz
published 2 weeks ago
version 2 edited 2 weeks ago
Voting progress: YES: 87.05% (60% bar), 14074 YES votes, 2093 NO votes. Quorum: 16167/8271 votes. 89 comments, permalink, search votes.
- Decentralized Exchange Development**
by chappjc
published 2 weeks ago
version 2 edited 2 weeks ago
Voting progress: YES: 89.81% (60% bar), 14914 YES votes, 1693 NO votes. Quorum: 16607/8142 votes. 16 comments, permalink, search votes.
- TinyDecred: A Python Toolkit for Decred**
by buck54321
published 3 weeks ago
Voting progress: YES: 94.23% (60% bar), 12837 YES votes, 786 NO votes. Quorum: 13623/8217 votes. 21 comments, permalink, search votes.




Voting

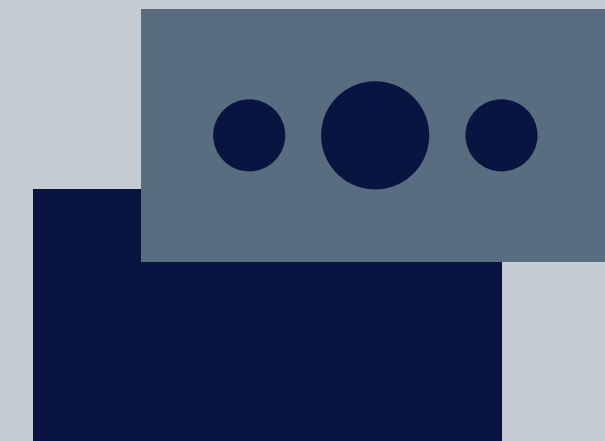
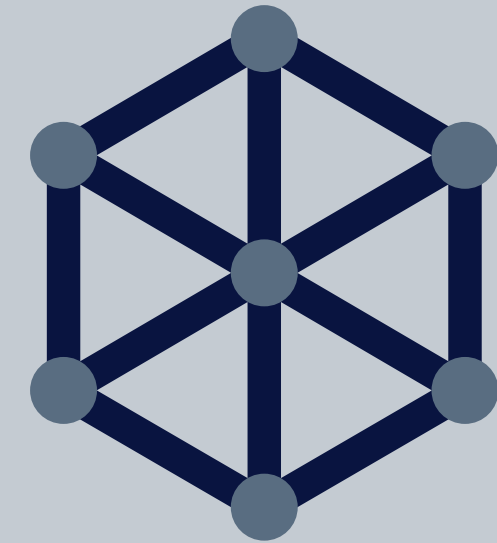
- The Voting Phase lasts **2016 blocks**
- **20%** of live tickets must participate
- **60%** of those tickets must vote 'yes'



Conclusions

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-  Hypersecurity thanks to PoW/PoS
- On-chain & off-chain governance
- Self-funding





THANK YOU!

Join the conversation!



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¡Follow me on Twitter! @camilolwi

www.decred.org