

Of the people.  
By the people.  
For the people.

# On-chain Governance

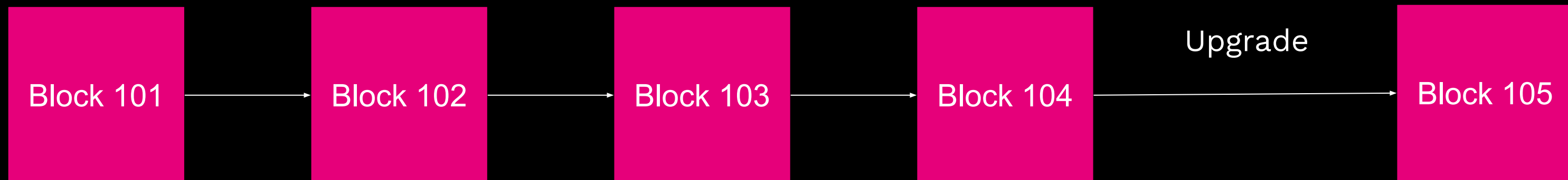


# Meta Protocol

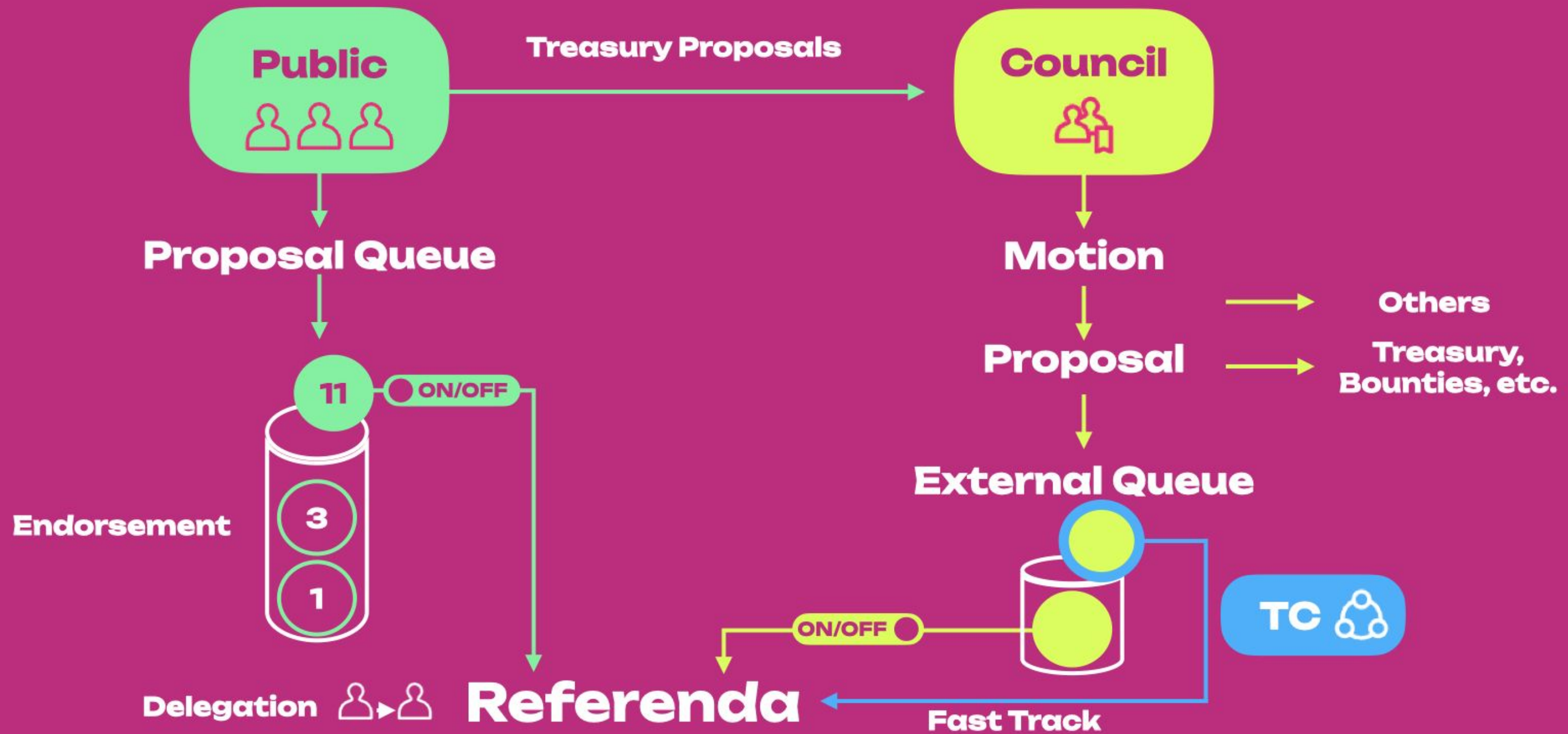


## Governance -> Execution

Polkadot nodes run software which in turn runs a “blob” of Wasm bytecode. This bytecode is stored on-chain and is modifiable via the system itself.



# Gov1 Structure



# GOV1 ACTIVITY

125

Referenda

---

421

Council Motions

---

40+

forkless upgrades

---

303

Treasury Proposals

---

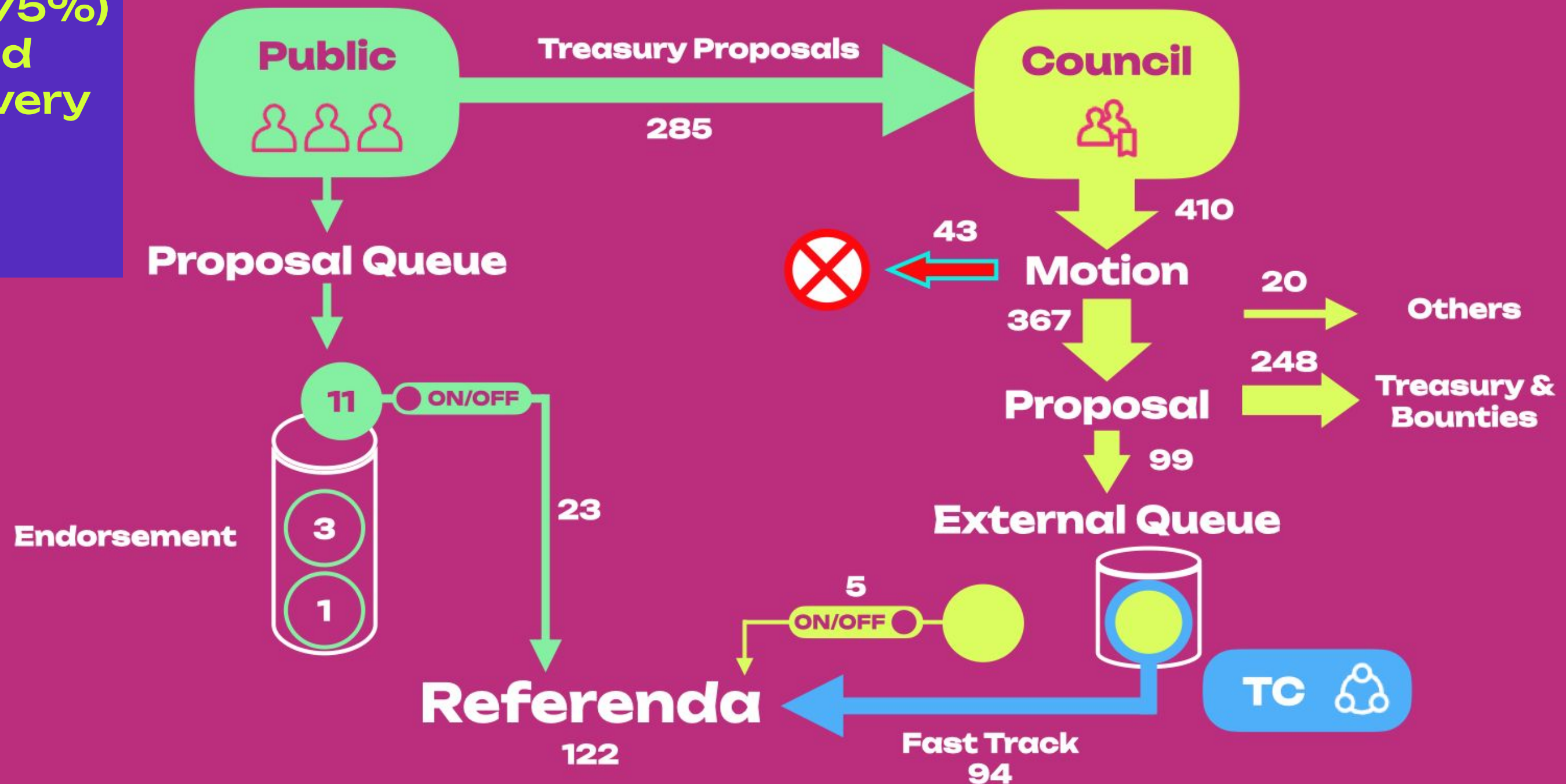


# Gov1 - Deeper Look

20.07.2020 - 20.06.2023

## Referenda

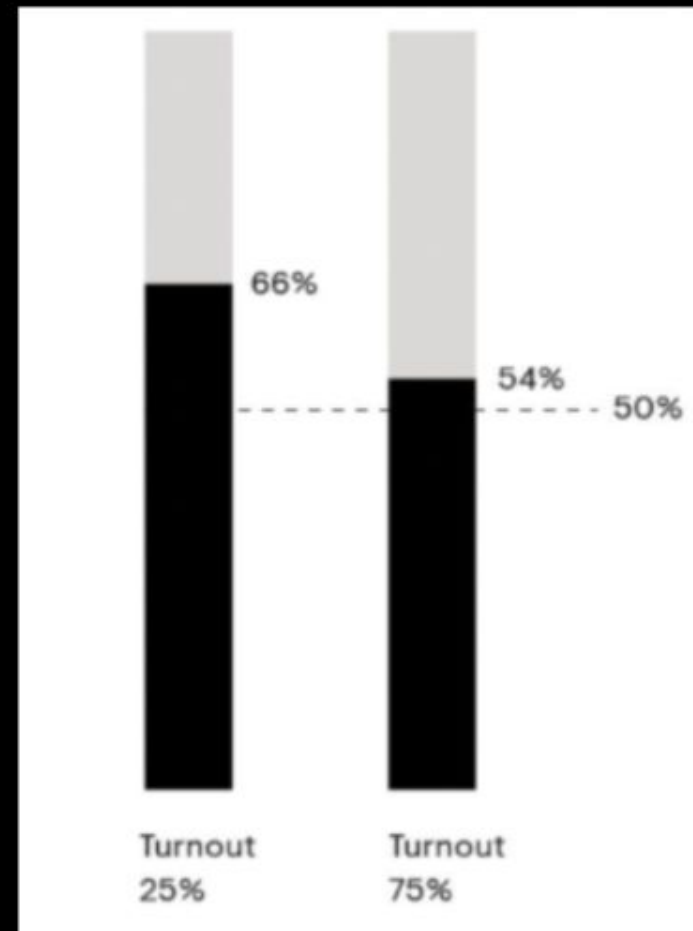
- 92 passed (75%)
- ~0.62 passed referenda every week
- 23 public referenda



# Public Referenda

Super Majority Approve

$$\frac{\textit{against}}{\sqrt{\textit{turnout}}} < \frac{\textit{approve}}{\sqrt{\textit{electorate}}}$$





# Shortcomings of Gov1 Model



One Referendum up for vote at a time (Typically)

A month for voting and another month for enactment

Heavy reliance on the Council

Decision Sniping



# **Polkadot OpenGov: Next Generation of Decentralized Governance**



# Polkadot OpenGov - What changed?



Multiple Referenda at a time

Multiple classes of Referenda

Dissolution of the Council and the Technical Committee

Provisions for Adaptive balancing between Safety and Agility



DOT holders can contribute to the future of Polkadot in several ways



Propose a  
~~public~~  
referendum

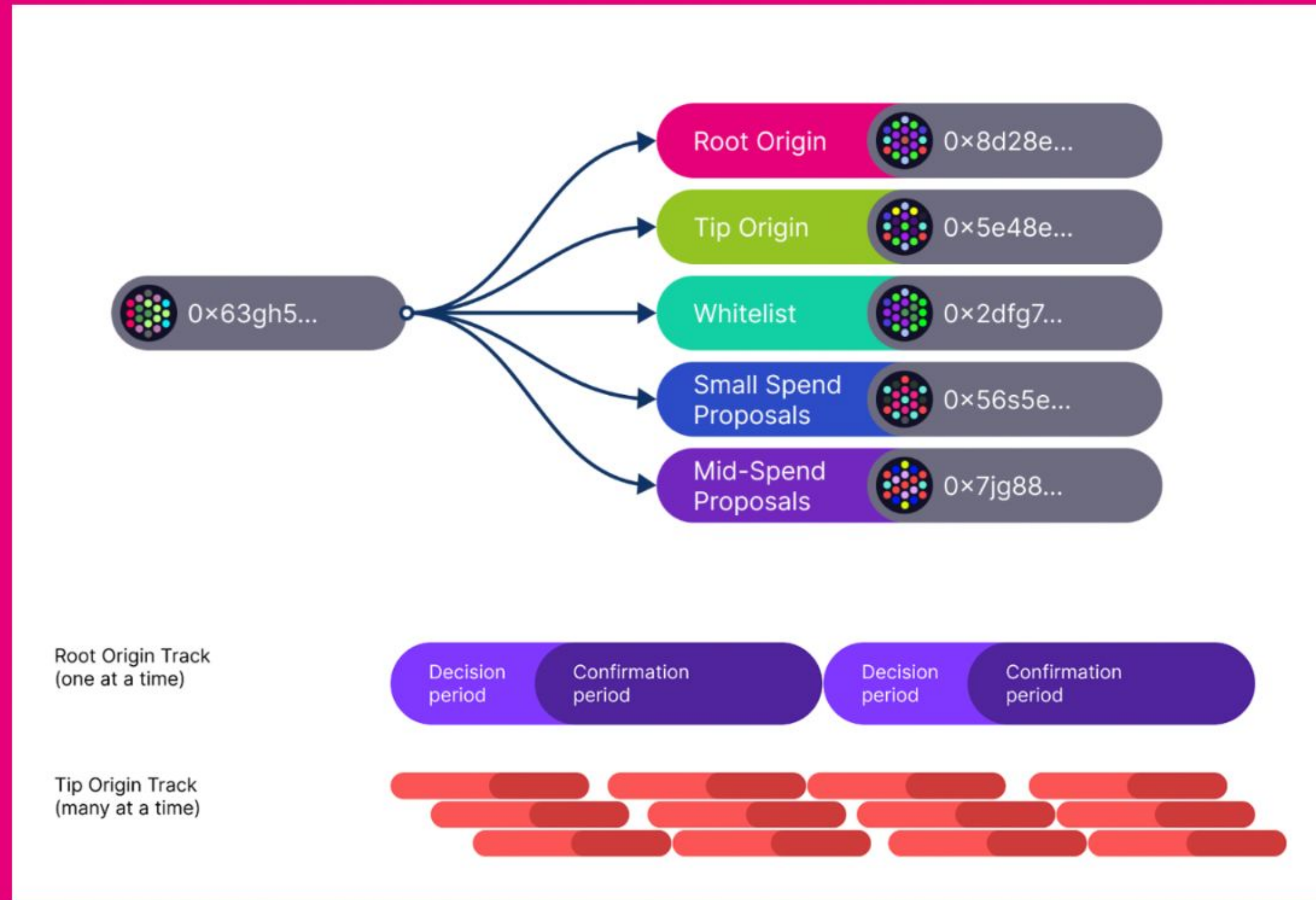


Vote on all  
active  
referenda





# Origins and Tracks





# Polkadot OpenGov Tracks

**Root**  
**Whitelist**

Satking Admin

Lease Admin

Fellowship Admin

General Admin

Auction Admin

Treasurer

Big Spender

Medium Spender

Small Spender

Big Tipper

Small Tipper

Referendum Canceler

Referendum Killer

# LIFECYCLE OF A REFERENDUM

For a proposal to be enacted, it must pass through 3 stages.





# Voter Turnout!

Approval



Support

# Conviction Weighted Voting



Peter: Votes **No** with 10 DOT for a 128 week lock period  $\Rightarrow 10 \times 6 = 60$  Votes

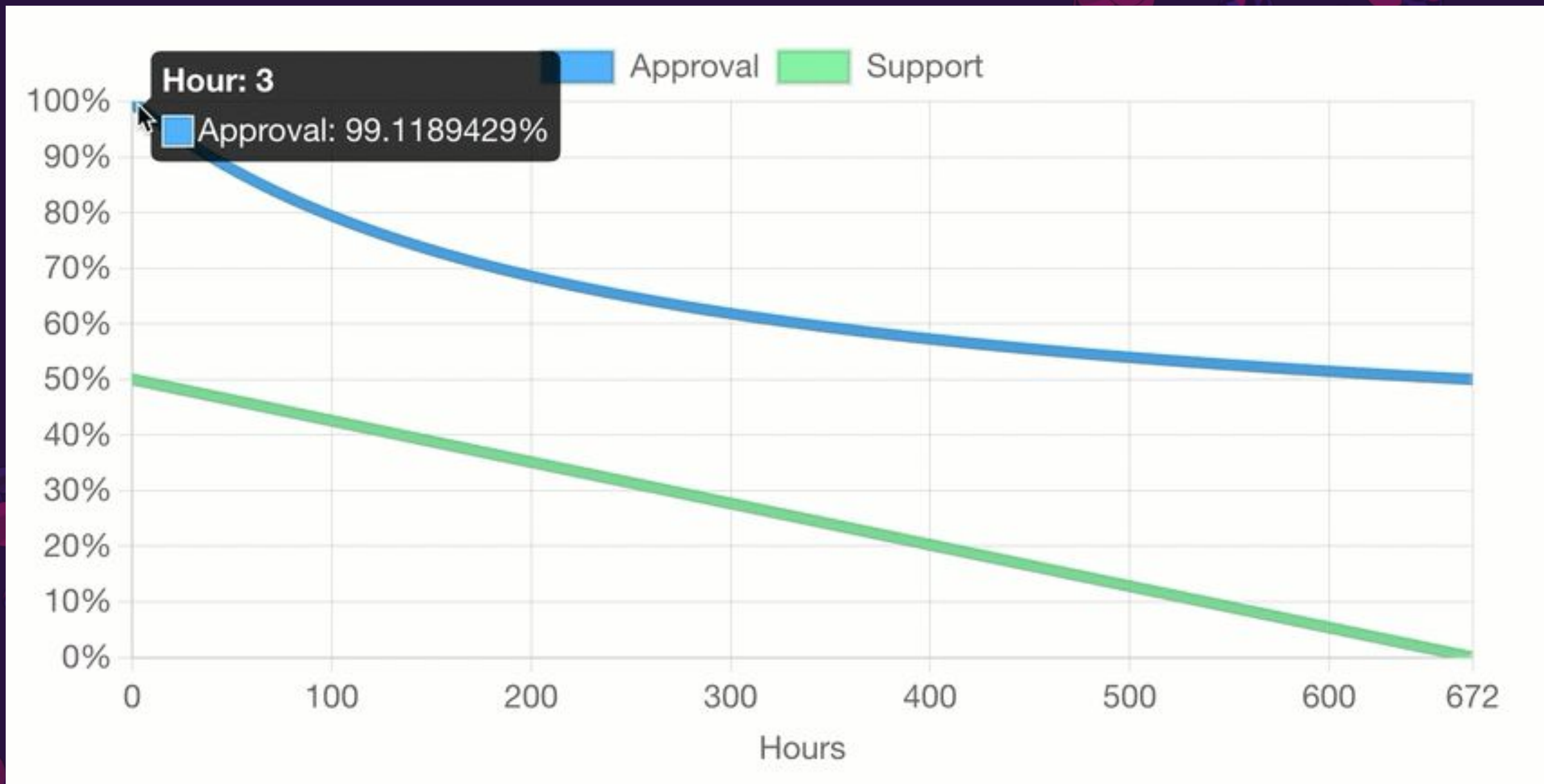
Logan: Votes **Yes** with 20 DOT for a 4 week lock period  $\Rightarrow 20 \times 1 = 20$  Votes

Kevin: Votes **Yes** with 15 DOT for a 8 week lock period  $\Rightarrow 15 \times 2 = 30$  Votes

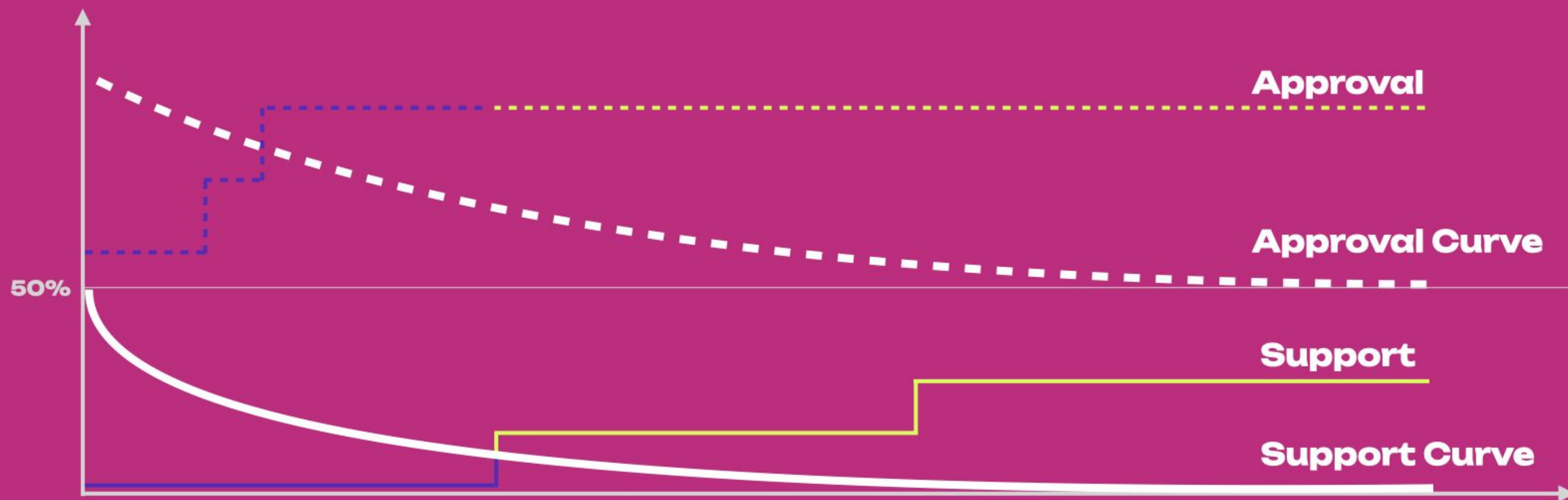
Even though combined both Logan and Kevin vote with more DOT than Peter, the lock period for both of them is less than Peter, leading to their voting power counting as less.



# Approval & Support Curves



# Approval & Support Curves



**Voting**

**Confirmation**



# Agile Delegation





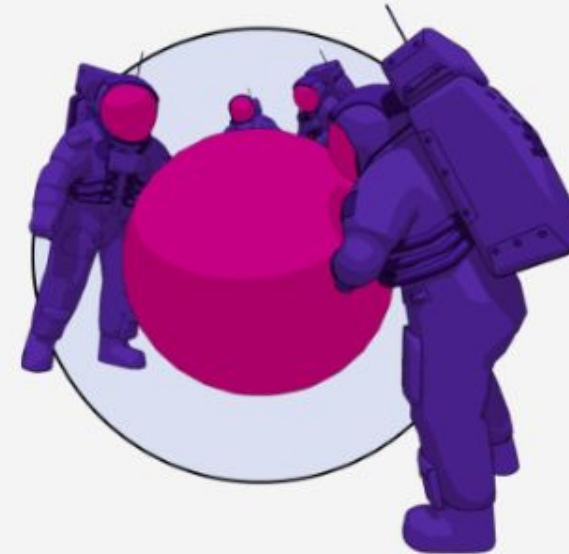
# Delegate **your votes**

No time to vote? Keep Polkadot running smoothly by delegating to an expert.



## Make your vote count

All DOT holders can participate in governance. You can also appoint a representative with expertise to delegate your votes to, as and when you please.



## Engage in governance

Even when delegating your vote, you remain in full control. At any time, you can change delegates or take back your voting power completely.

**Delegate all votes to a top voter**

 Add a delegate



# **The Polkadot Technical Fellowship and the Whitelist origin**



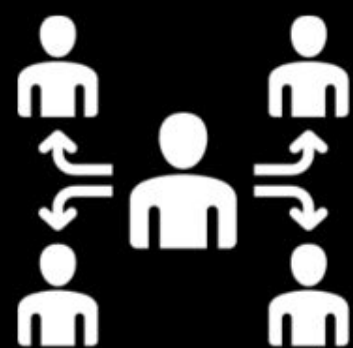
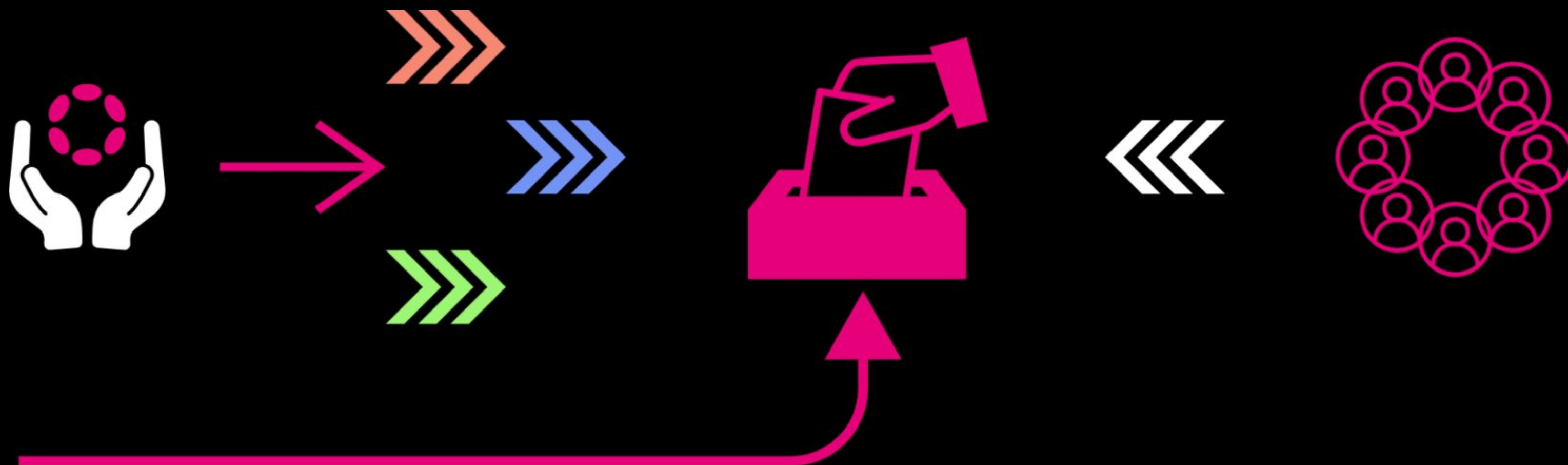


# Polkadot Technical Fellowship Collective

members 47			
members			
BKCHR	6	GAV	6
Dcm1BqR4...	5	ARKPAR	5
JACO	5	SHAWN TABRIZI	4
ngV	4	CzEPpMr7X...	3
ALEXANDER	3	GAWwkmjb...	3
H25aCspun...	3	HfFpz4QUx...	3
Ddb9puChK...	2	SEUN LANLEGE	2
JOE	2	HTk3eccL7...	2
CbCmCwFk...	1	CzuUtvKhZ...	1
Ea6jhP5gF4...	1	EaBqDJJNs...	1
OLANOD	1	FCunn2Rx8...	1
SAM ELAMIN	1	THIBAUT	1
AUREVOIRXAVIER	1	GxX7S1pTD...	1
H9nUFL5Da...	1	HA5NttvyZ...	1
GABE	1	HZe91A6a1...	1
DAVXY	1	B-RAD	0
		ROB	6
		ANDRE	5
		KIANENIGMA	4
		WEI	3
		GtLQoW4Zq...	3
		D8sM6vKjW...	2
		GA3yPifem...	2
		HxhDbS3gr...	2
		DfqY6XQUS...	1
		EnpgVWGG...	1
		FJq9JpA9P...	1
		INSIPX	1
		H5BuqCmu...	1
		HTxCvXKVv...	1
		Hj44XnjZui...	1



# OpenGov Overview



## Approval:

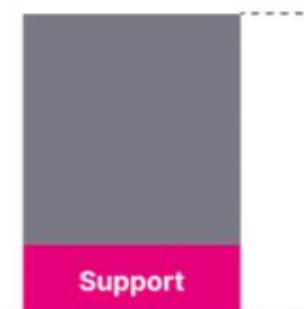
Share of approval vote-weight (after adjustment for conviction) against the total number of vote-weight for both approval and rejection



Total Votes

## Support:

Total number of votes in approval ignoring any adjustment for conviction, compared to the total possible amount of votes that could be made in the system.



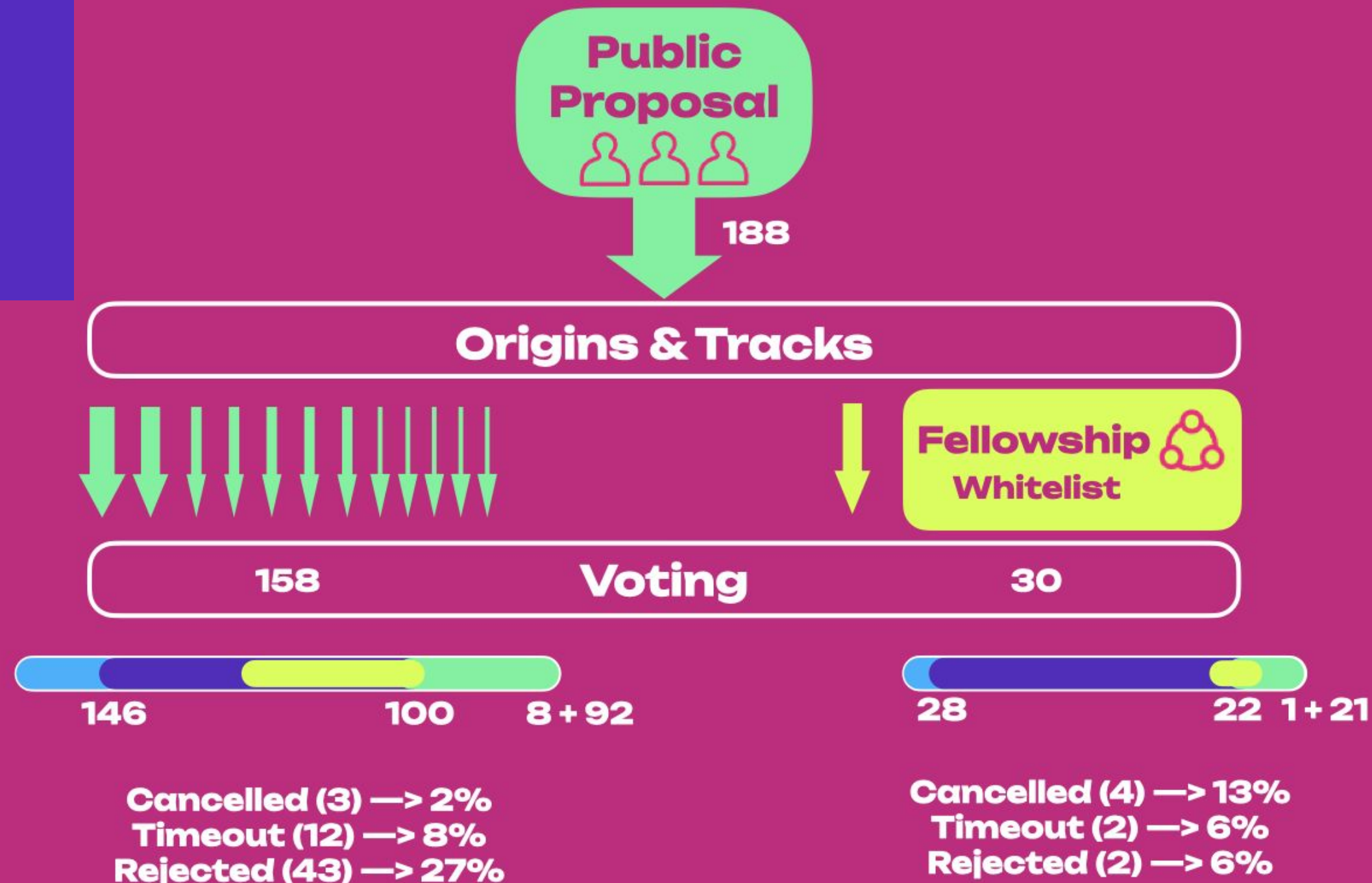
Total votes available on supply

# 1/2 y of OpenGov (Kusama)

21.11.2022 - 20.06.2023

## Referenda

- 121 passed (64%)
- ~4.45 passed referenda every 7 days (3.5x faster than Gov1)

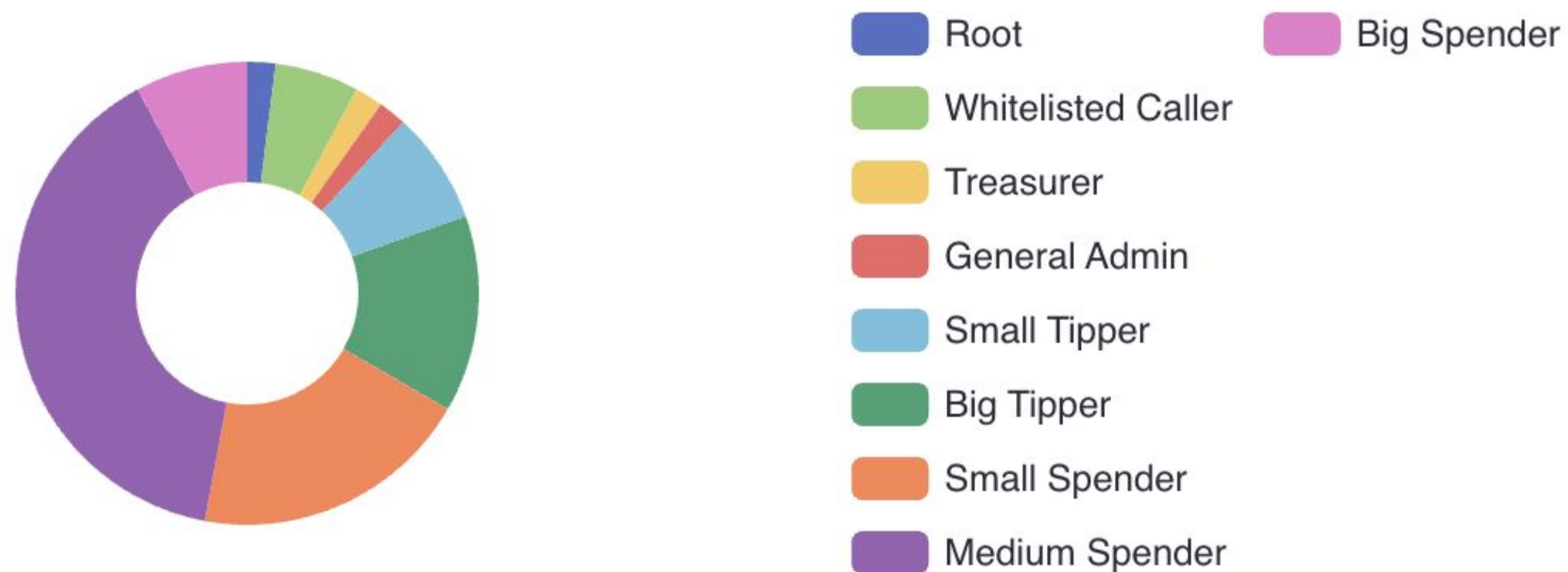




# Two weeks of Polkadot OpenGov

15.06.2023 - Today!

51 public referenda submitted in two weeks.



Referenda Participation

0.45 %

[https://polkadot.subscan.io/referenda\\_v2](https://polkadot.subscan.io/referenda_v2)

# Two weeks of Polkadot OpenGov

15.06.2023 - Today!

- 29 Delegates
- 250 Accounts (approx) delegated their votes
- 40 Account (approx) changed their delegates
- 45 Referenda up for voting!
- 6 Referenda executed (5 in Big Tipper and 1 in whitelist)



# Polkadot OpenGov

## what to expect?

- Improved UX for Governance participation.
- Emergence of the Guardians of the Treasury!
- More track specific delegates.
- Increased voter turnout.
- Meta-protocol -> Evolving Governance model and params.