

The Power of Polkadot's On-Chain Governance & Treasury

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Agency

GOVERNANCE

Upgradability

Blockchain networks are trustless social coordination mechanisms, and we must be able to amend the constitution of trust they endow.

DEMOCRACY

ELECTIONS PHRAGMEN

MEMBERSHIP

COLLECTIVES

TREASURY

On-Chain Governance

Allows a transparent and sophisticated process for automatic change enactment:
giving AGENCY to the network



Active users can
propose changes via
proposals



Token holders have
ultimate control over
the network



Token holders can **form
collectives** and elect
representatives.

**Polkadot's design allows stakeholders to
express their wishes on-chain in a way that
will maintain and update the system
without forking.**

Proposals have the power to automatically change the network. Collectives aim to protect passive users from large token holders (tricameral design).

The Council

Represents passive stakeholders,
proposes changes and cancels
dangerous proposals

1

The election uses the same **Phragmen process** as validator selection to choose councillors by selecting the most-backed configuration.

2

On the council, **1 member equals 1 vote**.

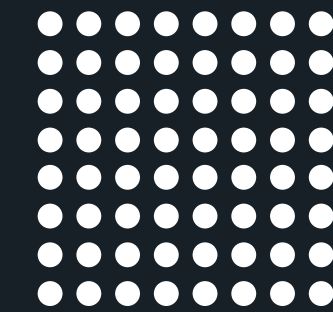
3

The collective aims to **make it hard** for large DOT holders to **exercise undue power**.

4

Seats rotate every 7 days

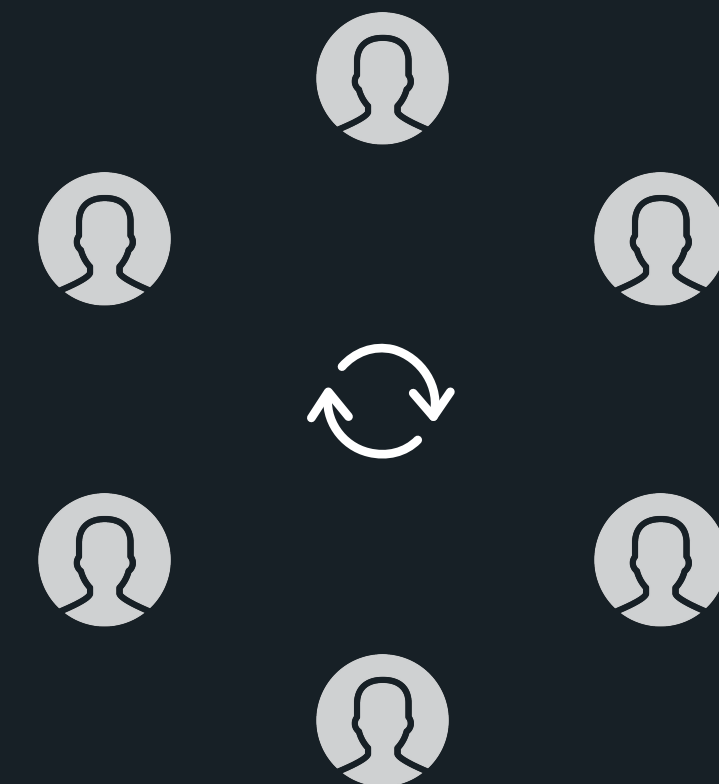
DOT Holders



Rotating Approval Vote



Council



The Council is also the guardian of **the treasury:**
a pot of funds belonging to the Polkadot community

Any token holder
**can submit a
proposal** to be
voted by the
Council

① Spending Proposals

② Tips

③ Bounties Mechanism

The Technical Committee

composed of the teams that have successfully implemented either a Polkadot runtime or Polkadot Host.



Public Referenda



The **majority can command** the network's new changes every 28 days by passing proposals on referenda queue



All DOT holders can vote on public referenda: voting comes with **conviction**

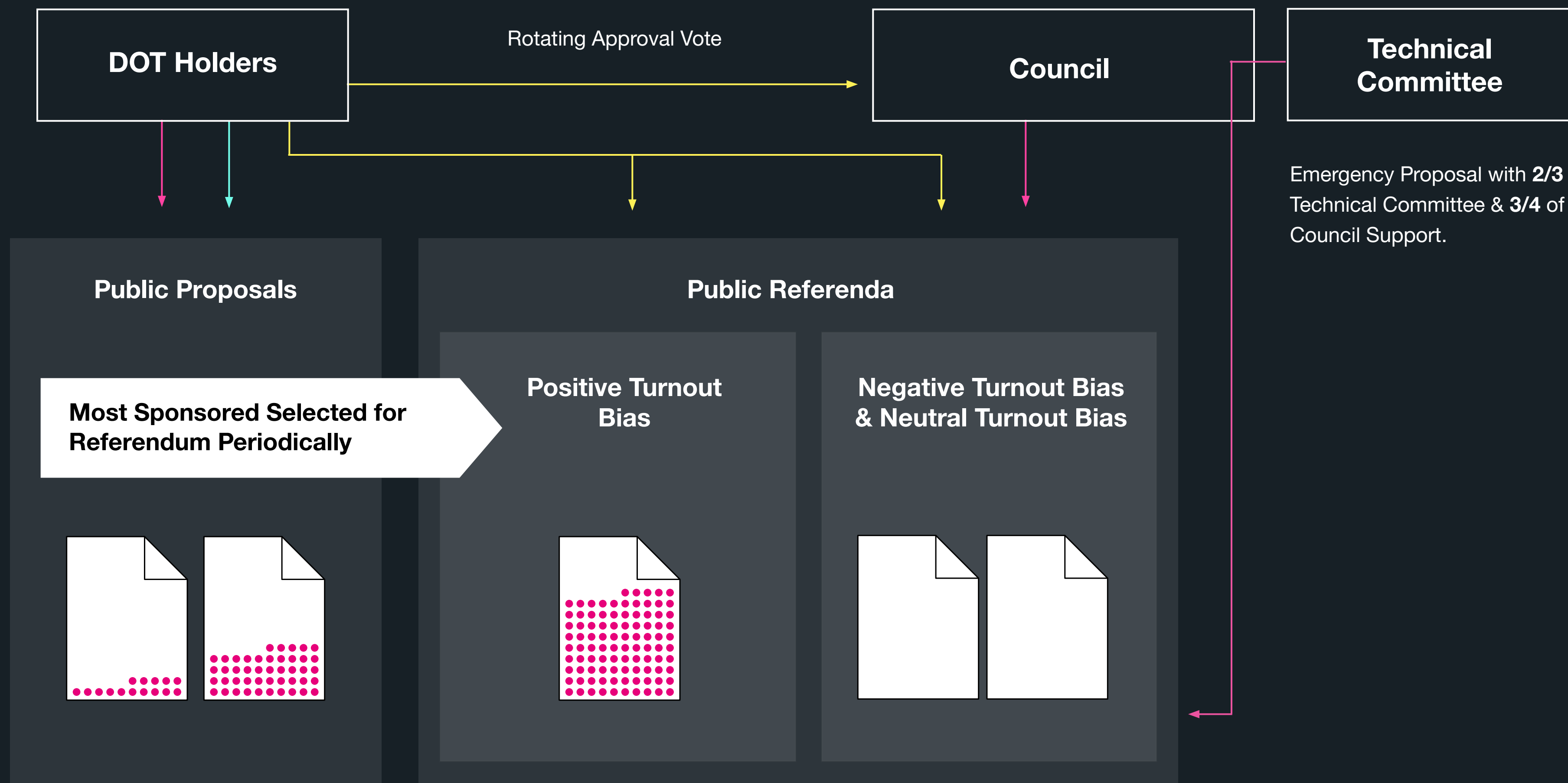


Users **can second proposals**, the proposal with the highest amount of bonded support passes to referenda queue



Voters can **increase their voting power** by committing to lock their tokens for longer periods of time

- Propose
- Sponsor
- Vote



Emergency Proposal with **2/3** Technical Committee & **3/4** of Council Support.

Public referenda will alternate between public proposals and council proposals

Proposals

The automatic change enactment

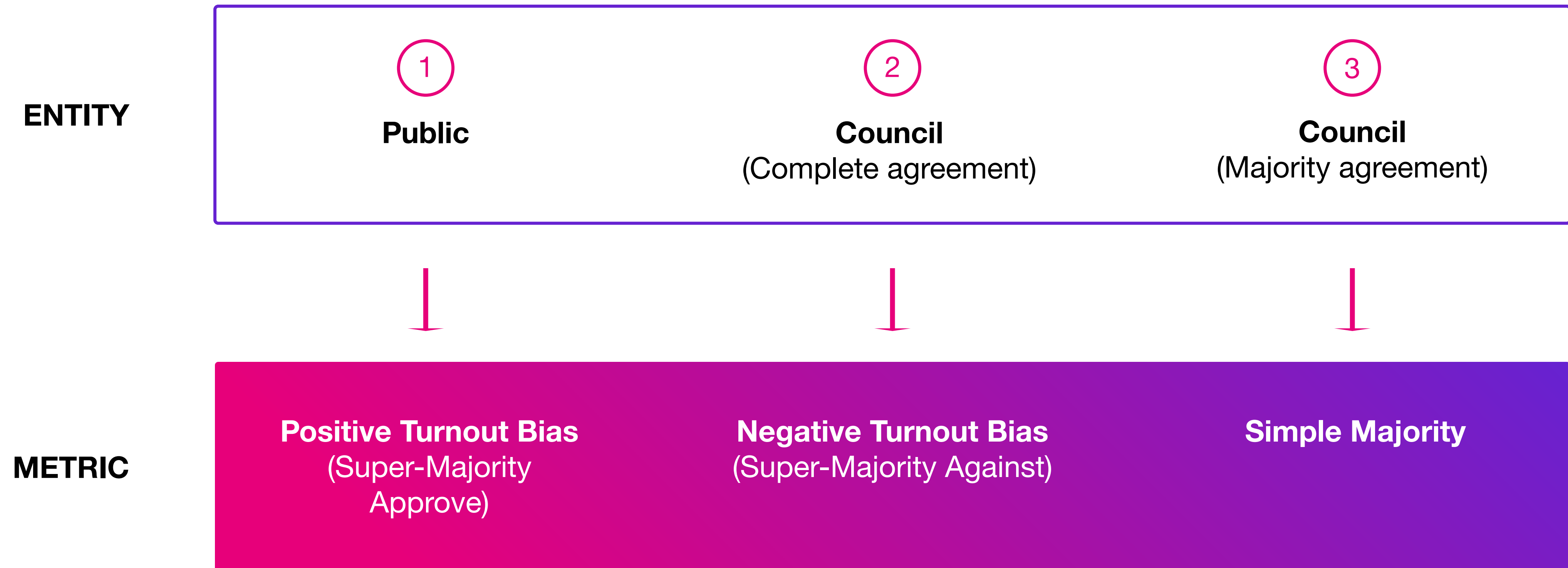
They originate from DOT holders, the Council or as a result of enactment of another proposal.

Only 1 proposal per voting period (except fast-tracked proposals)

The governance system alternates between awaiting **Council and Public proposals**.

Adaptive Quorum-Biasing

Three different scenarios:



Adaptive Quorum-Biasing



By default, the bigger the turnout the fewer Ayes needed to pass (it transitions from absolute to simple majority)



Low turnout requires a supermajority to pass - the lower the turnout, the higher the percentage needed.



Full turnout requires a simple majority to pass



This design favours **stability** and high discussion on controversial proposals

All proposals are executed **without human interference**, making those in power accountable for their decisions:



At the end of the enactment period, Polkadot executes the proposal without any human action or interference.



By default, users who voted for a passed proposal must lock tokens up until the proposal's enactment



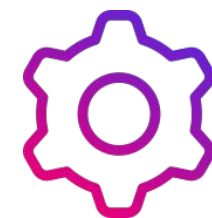
Polkadot's logic automatically schedules it for enactment, normally 28 days later

Autonomous Enactment

What On-Chain Governance Means for Polkadot?



On-chain governance and autonomous enactment give token holders **agency**: the vehicle to express their opinions and the guarantees about the impact that their expression has.




Polkadot's governance system provides several mechanisms to effect change, a **transparent and open voting system** and an autonomous enactment system that ensures that people's decisions are binding.




Polkadot is a **united network of sovereign systems**.

HOW TO MANAGE CONTEXTUAL INFORMATION FOR
COLLECTIVES TO MAKE AN INFORMED DECISION?



POLKASSEMBLY


DiscussionsOn-chain ▾

 Polkadot ▾LoginSign-up

Latest activity

Current referenda

#12

moveClaim by  12jX...dpr9 from Democracy


Started

6d 15h 58m remaining

1 comments

Latest proposals


#11

forceTransfer by  12tb...TjJP from Democracy

Proposed

2 comments


#10

asDerivative by  12tb...TjJP from Democracy

Proposed


1 comments

Latest motions




There are currently no active motions.

Latest treasury proposals



There are currently no active treasury proposals.

Latest tips

<https://youtu.be/RmF0Yb5Ur7A> - Chine... by  15w1...JC4J from Treasury

Opened

no comments

B

C

d

Polkadot

Off-chain Discussions

All Discussions

General

On-chain Governance

Referenda

Proposals & Motions

Treasury

Council

Block 2,602,691

Referenda

Next referendum

15d 6h 10m

Enactment delay

28 days

Active Referenda	Comments	Likes	Updated
<div>claims.moveClaim(0xed089a796d2a8..., 0x15c831ed7f91b..., [unknown])</div> <div>Democracy Referendum #12 · 15d 6h 10m left · Needs more votes</div> <div>No comments yet</div>		<div></div> 0	Active
Inactive Referenda	Comments	Likes	Updated
<div>Referendum #11</div> <div>Democracy Referendum #11 · Completed</div> <div>No comments yet</div>		<div></div> 0	14d
<div>Referendum #10</div> <div>Democracy Referendum #10 · Completed</div> <div>No comments yet</div>		<div></div> 0	Oct 14
<div>Referendum #9</div> <div>Democracy Referendum #9 · Completed</div> <div>No comments yet</div>		<div></div> 0	Oct 13
<div>Referendum #8</div> <div>Democracy Referendum #8 · Completed</div> <div>No comments yet</div>		<div></div> 0	Oct 12
<div>Referendum #6</div>			

Polkadot

Polkadot is a sharded protocol that enables blockchain networks to operate together seamlessly.

polkadot.network

t.me/PolkadotOfficial

github.com/paritytech/pol...

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