USECASES

- COLLEGES/UNIVERSITIES

- ASSOCIATIONS: CONDOMINIUMS, COOPS, COUNTRY CLUBS

- SPORTS SOCIETIES

- BUSINESSES: CORPORATIONS, LLCS, DAOS

- POLITICAL: LOCAL, STATE, FEDERAL

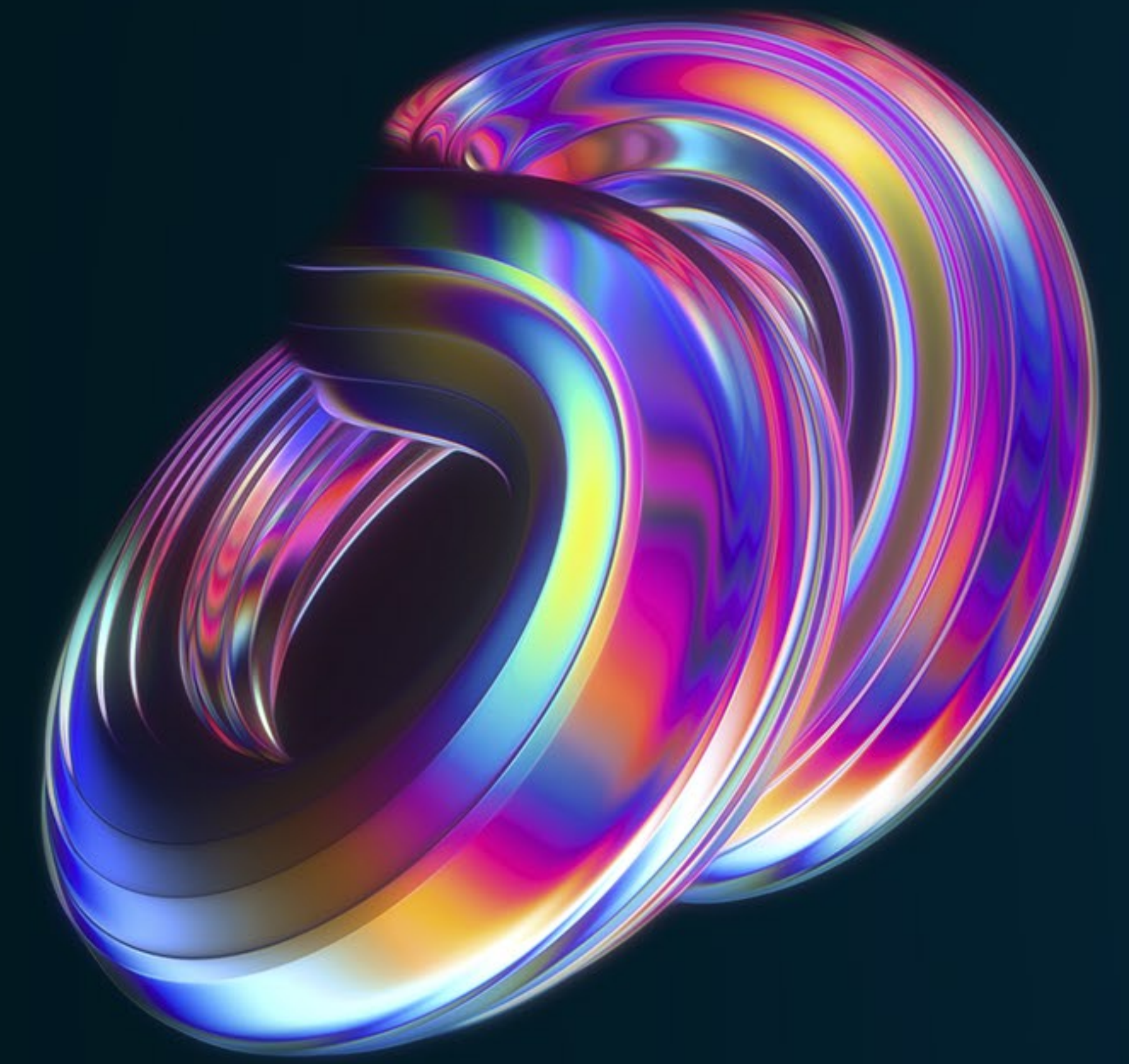# FOLLOW-UP FROM UNDERSTANDING DECENTRALISED VOTING BROWN BAG MEETUP ON MAY 31, 2022

- MASS ADOPTION

- NO NEED FOR TRUST

- CRYPTOGRAPHY

- PRIVATE VS PUBLIC

- CONSENSUS PROTOCOL

DeVOTE

GROTH16 E2ED BALLOT RETURN SYSTEM ON BLOCKCHAIN

US ELECTIONS INDUSTRY
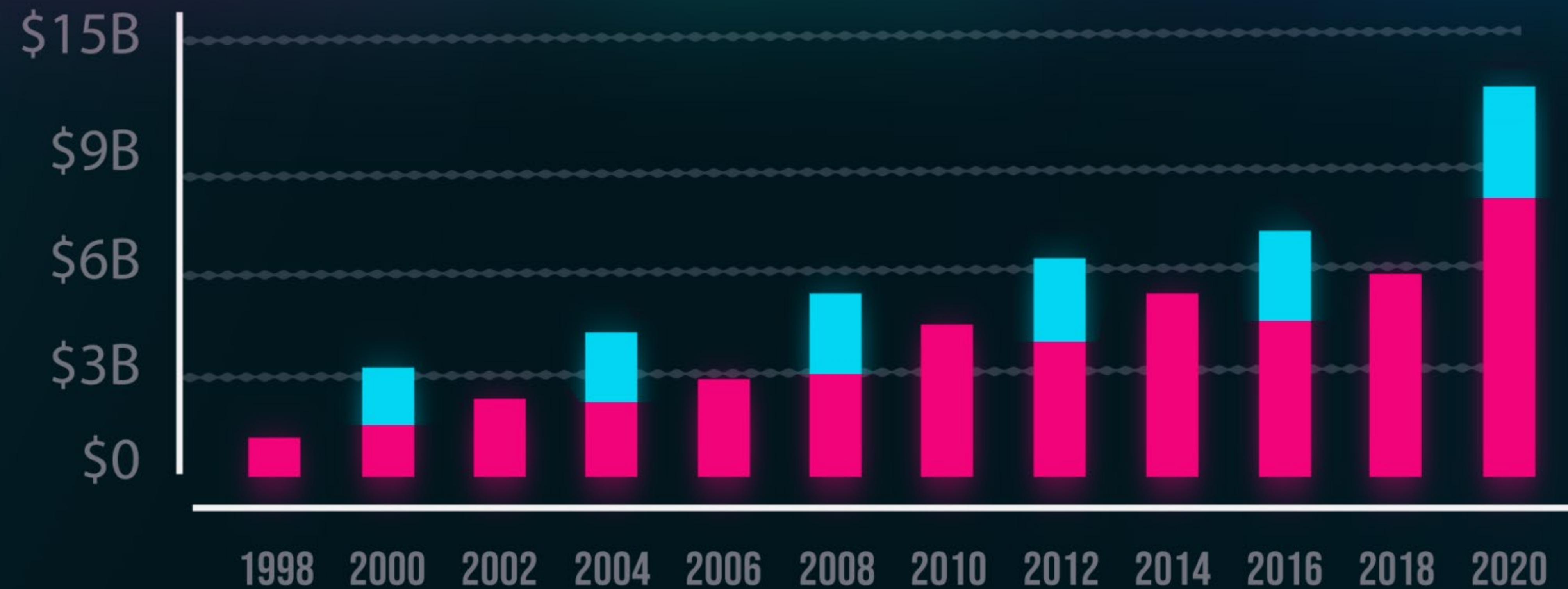
DeVOTE

CYCLE	TOTAL COST OF ELECTION	■ CONGRESSIONAL RACES	■ PRESIDENTAL RACE
2020	14,403,966,687	8,703,050,547	5,700,916,140

Source https://www.opensecrets.org

The problem

No existing remote ballot return system is open source, decentralised and compliant with permanent separation of voter affidavit and voter ballot requirement.

This severely limits the use of mobile voting in the world.

The solution:

DeVOTE

Remote Ballot Return System

End To End Decentralised

100% On-Chain

Groth16 Tech

Linearly Scalable Everscale Blockchain

100% Compliant

Open Source

Free Software License

HOW IT WORKS

Setup

Organiser collects
a list of voters'
public identifiers

Voting

Voters submit
their ballots
publicly

Tallying

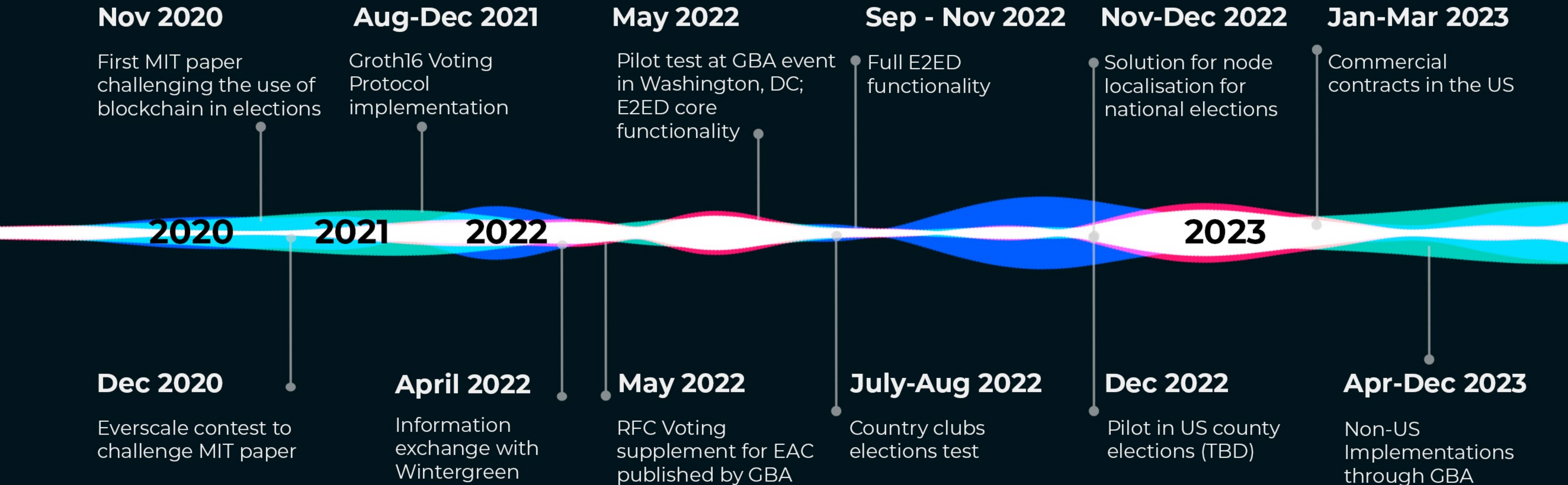Organiser tallies
all the votes

The technology:

https://github.com/NilFoundation/vote-saver-protocol

MILESTONES/ROADMAP

A Truly Fascinating Story

DeVOTE

Nov 2020

First MIT paper challenging the use of blockchain in elections

Aug-Dec 2021

Groth16 Voting Protocol implementation

May 2022

Pilot test at GBA event in Washington, DC; E2ED core functionality

Sep - Nov 2022

Full E2ED functionality

Nov-Dec 2022

Solution for node localisation for national elections

Jan-Mar 2023

Commercial contracts in the US

2020   **2021**   **2022**   **2023**

Dec 2020

Everscale contest to challenge MIT paper

April 2022

Information exchange with Wintergreen

May 2022

RFC Voting supplement for EAC published by GBA

July-Aug 2022

Country clubs elections test

Dec 2022

Pilot in US county elections (TBD)

Apr-Dec 2023

Non-US Implementations through GBA

REFERENCES

https://www.opensecrets.org/elections-overview/cost-of-election?cycle=2020&display=T&infl=N

https://mobilevoting.org/about/

https://bipartisanpolicy.org/download/?file=/wp-content/uploads/2022/03/BPC_ElectronicBallotTransmission_Revised_411.pdf

https://verifiedvoting.org/wp-content/uploads/2021/05/the-business-of-voting-single-page.pdf

https://gbaglobal.org/blog/2022/05/12/request-for-comments-rfc-voting-supplement

https://forum.freeton.org/t/contest-challenge-mit-harvard-paper-on-blockchain-faults-in-election-systems/6777

https://people.csail.mit.edu/rivest/pubs/PSNR20.pdf

https://hackernoon.com/rebutting-mits-paper-on-blockchain-voting-in-a-completely-decentralized-manner-zq5q33w8

Thank you!

everscale.network