Voxiberate

A community engagement platform for democratic Web 3.0 governance

www.voxiberate.com

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Our Vision

To establish trust in private and public governance by including the voice of the ultimate stakeholders in decision-making.

The problems with web 3.0 and DAOs* that Voxiberate solves

The web 3.0 promise for a fairer web is at peril due to lack of truly democratic governance

1. Lack of adoption

DAOs* and Web 3.0 technologies can enable new business models in the digital economy of the 21st century, such as platform cooperatives, finance and insurance unions, data trusts, smart city unions, etc., run by communities of users and participants in a democratic way. However, widespread adoption of DAOs is currently impeded due to lack of truly democratic means of governance. DAOs are merely duplicating joint-stock governance models by replacing executives with smart contracts. Code alone is not enough for large and diverse communities to take complex decisions on polarizing issues.

2. Inadequate means of deliberation

The biggest problems in our world today are social, environmental and economic, and they cannot be solved without the active participation of impacted communities. Unless technologists rethink communities as equal partners - and not just as "end users" - they will be unable to deliver meaningful and positively impactful innovations. A major factor to rethink is how these digital platforms of the future will set and deliberate goals for innovation, as well as manage, govern and distribute the economic and social value that they will create. The current means of deliberation (Discord, Telegram, Twitter, etc.) are inadequate to support such complex needs.

3. Technology Tunnel Vision

Web 2.0 led to Big Tech monopolies and a digital economy of surveillance and inequity. Web 3.0 promises to change this by including user communities in the governance of digital platforms via DAOs. However, DAOs continue to optimize around metrics that confuse "good" with "useful" and "profitable", and thus propagate an overtly financialized "technology tunnel vision", with negative social and ethical implications. This "technology tunnel vision" can only be ameliorated by empowering members of a DAO to shape the value system of the DAO through structured deliberations.

*DAO: Decentralized Autonomous Organization.

The Voxiberate Solution

Implementing a "citizen assembly" model in web 3.0 governance

Voxiberate introduces deliberative democratic governance with the active participation of the ultimate stakeholders ("users" or "citizens"). We do this by significantly automating the process of a "Citizen Assembly" (see <u>next slide</u> for definition and explanation), and by addressing the following three key problems:

1. Unbiased facilitation

We are developing a unique solution that combines advanced AI techniques and established political science approaches to ensure that the facilitation of citizen deliberations are unbiased. We are removing a "central" human facilitator and replace them with an algorithm that helps citizens understand how other citizens feel and think, so they may make up their own mind on how to vote.

2. Knowledge asymmetry solved

Decisions on complex or highly technical issues have traditionally excluded non-experts because of "knowledge asymmetry". Since inclusion of non-experts is an essential aspect for a Citizen Assembly we solve knowledge asymmetry with a combination of an AI learning module that personalizes around a member of an Assembly, and with the inclusion of on-demand sessions with subject matter experts.

3. Incenting via Vox, our utility token

"Citizens" and "Experts" are incented for their participation in a Voxiberation via earning "Vox", Voxiberate's utility token. A certain number of Vox are rewarded to each participant, while extra Vox are given to further incent good civic behaviour. Vox tokens can be exchanged for items of value. For example, in a smart city scenario citizens may exchange their Vox for a free museum pass or discounts on their taxes. This approach establishes an additional positive feedback loop in community-building.
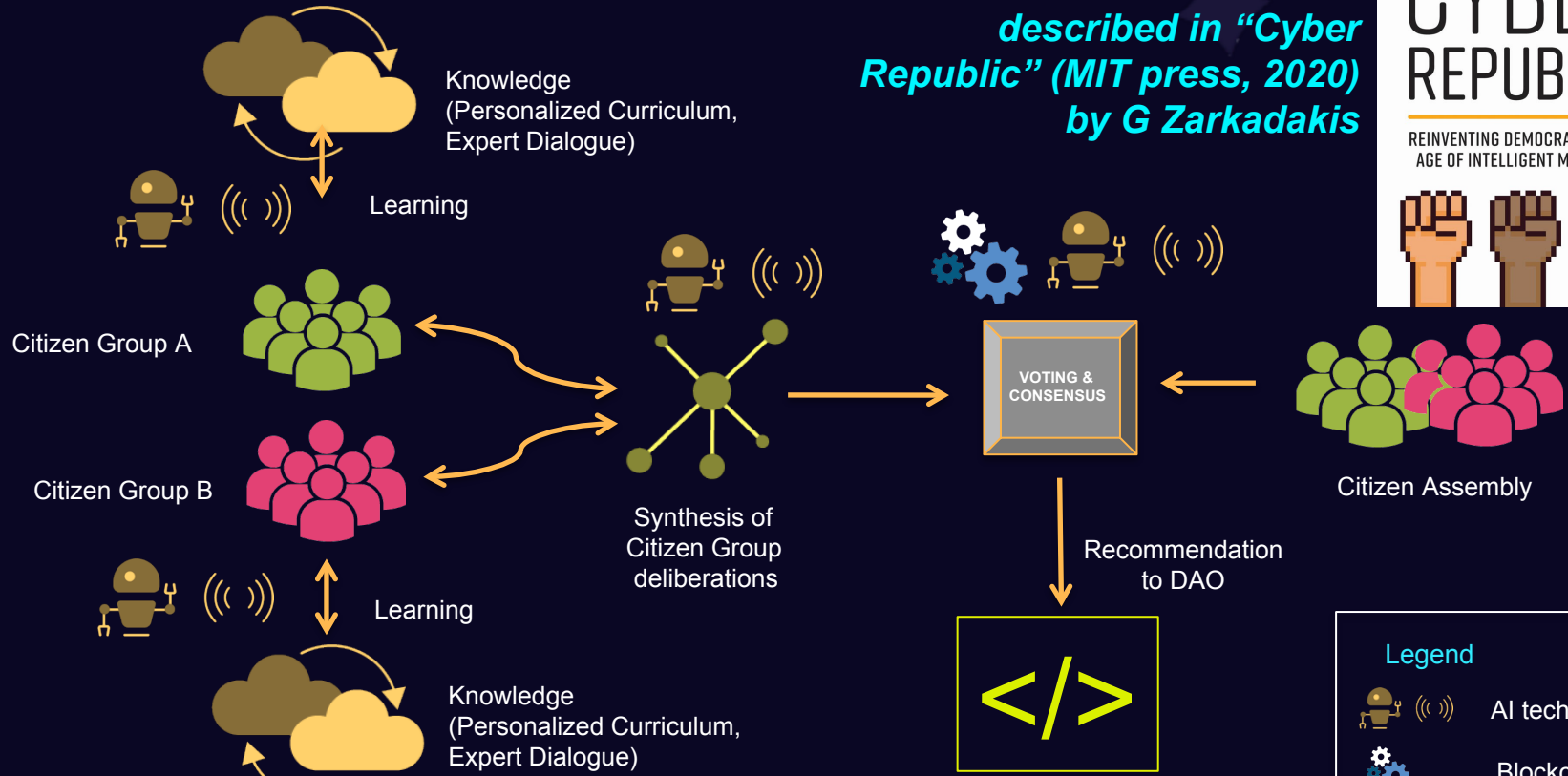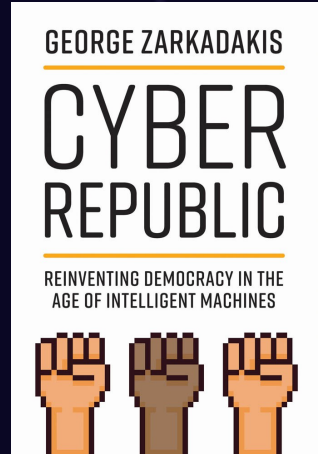
What is a citizen assembly and why it is important for democratic governance: a TED talk by George

Citizen Assembly (or "citizen jury"): a body of randomly selected citizens tasked to deliberate on an important issue.

The Voxiberate Citizen Assembly

We will implement a process for democratic deliberation as described in "Cyber Republic" (MIT press, 2020) by G Zarkadakis
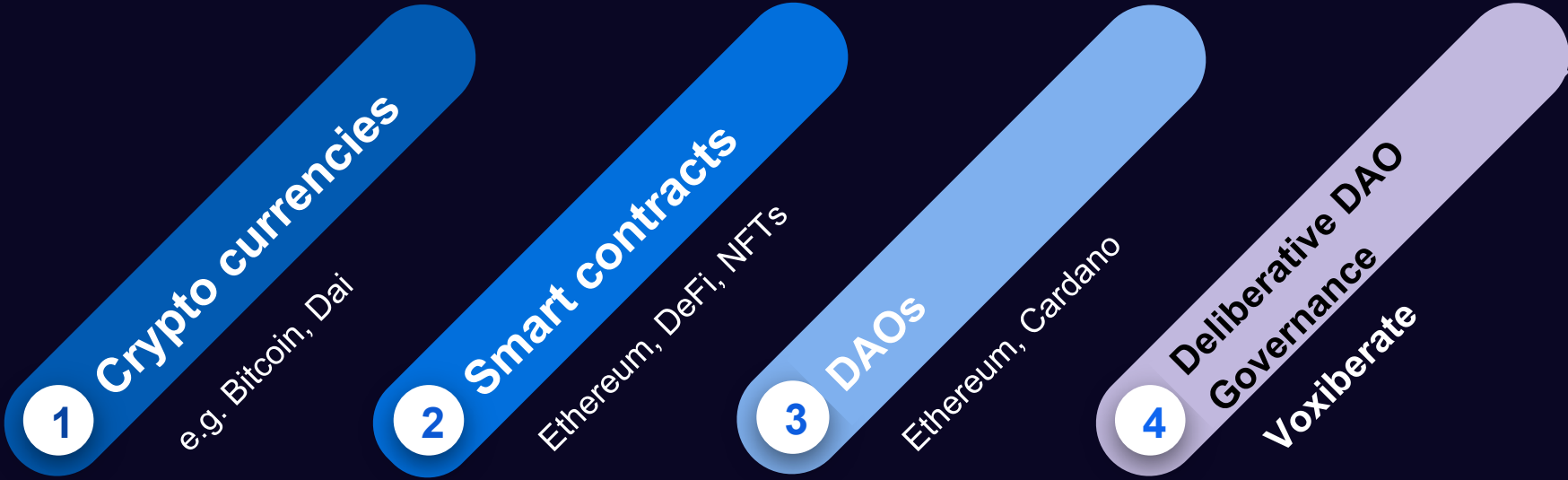
Knowledge (Personalized Curriculum, Expert Dialogue)

Learning

Citizen Group A

Citizen Group B

Knowledge (Personalized Curriculum, Expert Dialogue)

Learning

Synthesis of Citizen Group deliberations

VOTING & CONSENSUS

Citizen Assembly

Recommendation to DAO

Legend

AI tech

Blockchain

Voxiberate will advance the adoption of web 3.0*

We are adding an important element on Web 3 utility and governance

1 Crypto currencies
e.g. Bitcoin, Dai

2 Smart contracts
Ethereum, DeFi, NFTs

3 DAOs
Ethereum, Cardano

4 Deliberative DAO Governance
Voxiberate

*Web 3.0 is the next iteration of the world wide web based on decentralized, public blockchain-based technologies and applications

Target Primary Markets

Voxiberate delivers democratic governance to the digital as well as to the physical worlds

Web 3.0

The Global blockchain market is valued $5.37B in 2021 and is forecasted to grow to $34B by 2026 with a CAGR of 45% (source Yahoo Finance).

Typical customers: web 3.0 entrepreneurs and teams developing platforms and marketplaces of value on public blockchains such Cardano.

GovTech

The GovTech market is already established, currently at $480B (2021). Due to the pandemic is it expected to be $650B in 2022 and to reach $1T by 2024.
(source: Statista; Accenture; data.europe)

Typical customers: local and national governments, smart cities, associations, cooperatives, NGOs, international organizations, private companies

Typical Use Cases
How Voxiberate can be used by our target customers to deliver trust and consensus

A Smart City prioritizing tax spend

A City Council for a smart city is implementing a DAO in order to enhance citizen participation in decision-making. In order to assess citizens' priorities on spending the City Council uses Voxiberate to set up a "citizen jury" of 20 randomly selected citizens, who discuss trade-offs for spending tax dollars. The deliberation of the citizen jury is transparent to everyone in the city, and their recommendations are then put to vote in the DAO.

A web3 cooperative deciding on buying insurance

A cooperative of food delivery workers is using a DAO for its internal governance. There is a motion by several members of the DAO to include code in the smart contracts of the platform so that a % of members' income goes into a common life insurance fund. The cooperative uses Voxiberate to set up a "citizen assembly" of 300 randomly selected members who are tasked to deliberate the motion and provide the DAO with their advice. Members then vote whether to support, amend, or reject the motion.

An international bank de-risking a loan

An international bank is considering lending to a corporation towards a major infrastructure project in a developing country. The project may have several social externalities and runs the risk of failing due to local resistance. The bank uses Voxiberate and a DAO to engage with the potentially impacted local communities: a "citizen assembly" is set up to deliberate the pros and cons of the project and how the community may benefit from it while keeping negative impact to a minimum. Thanks to the outcome of the citizen assembly the project goals are adjusted so that it enjoys local acceptance.

Benefits of Voxiberate

We are bringing new and unique value to our users and customers

To governments, corporations, NGOs, Cooperatives and Associations

- Enables the adoption of DAOs as the default governance model
- Delivers better assessment of social implications, ethical considerations and economic externalities
- De-risks investments
- Depolarizes public opinion
- Enables co-innovation with users and communities
- Empowers democracy

To DAOs and Web3 innovators

- Evolves DAOs by introducing "humans in the loop"
- Enables DAOs to expand their range of decisions, actions and innovation potential
- Transforms DAOs from plutocracies to democracies
- Enables DAOs to evaluate social implications and economic externalities of decisions
- Enhances user and citizen trust and adoption of DAOs as a truly democratic approach to platform governance.

To citizens and experts

- Empowers citizens & communities to actively participate in decisions that impact their lives
- Creates new income streams
- Protects personal rights and privacy
- Increases ability to exercise current rights
- Redistributes power in the digital and physical world
- Provides a forum for civil deliberation and social depolarisation
- Combats misinformation

Core Team

Dr George Zarkadakis, CEO

Author of "Cyber Republic" (MIT), PhD in AI; ex-Accenture, Silicon Graphics, and Willis Towers Watson. Senior Fellow at GeoTech Atlantic Council, TEDx speaker.

Anders Alm, CTO

Web 3.0 developer, entrepreneur and investor; ex- McAfee, Dell and Norwegian Government.

Luiza Romero, Product Lead

Blockchain lead at various global GovTech projects, ex-EY, Crypto and Tax specialist, lecturer on blockchain at NYU.

Marion Nikoloudaki, AI Lead

AI Systems Engineer, with experience in leading complex AI products in CRM & loyalty applications.

Dimitris Lazarou, Data Science Lead

Data scientist, software engineer and high energy particle physicist, leader of Data Science projects at Careem and Seez.

For more information

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