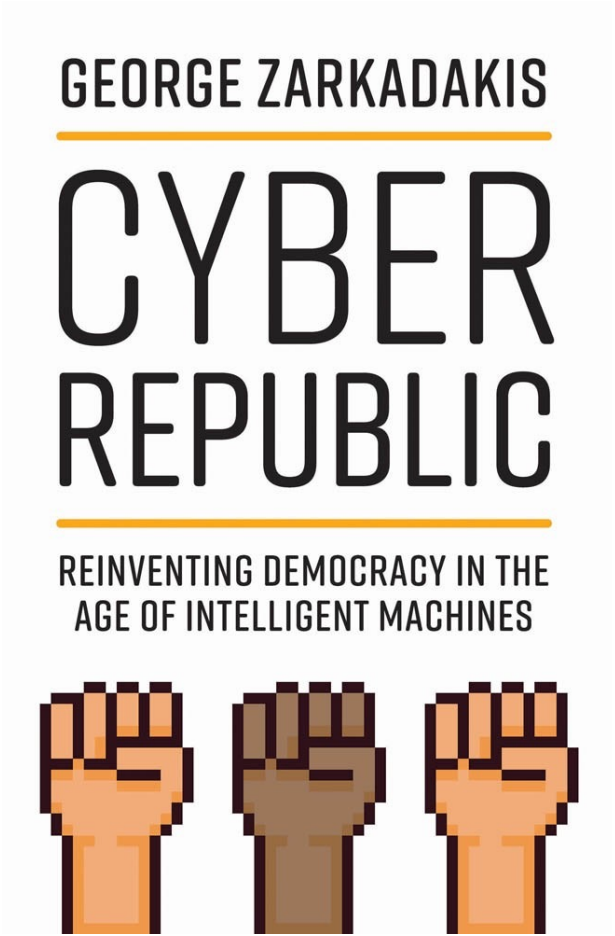
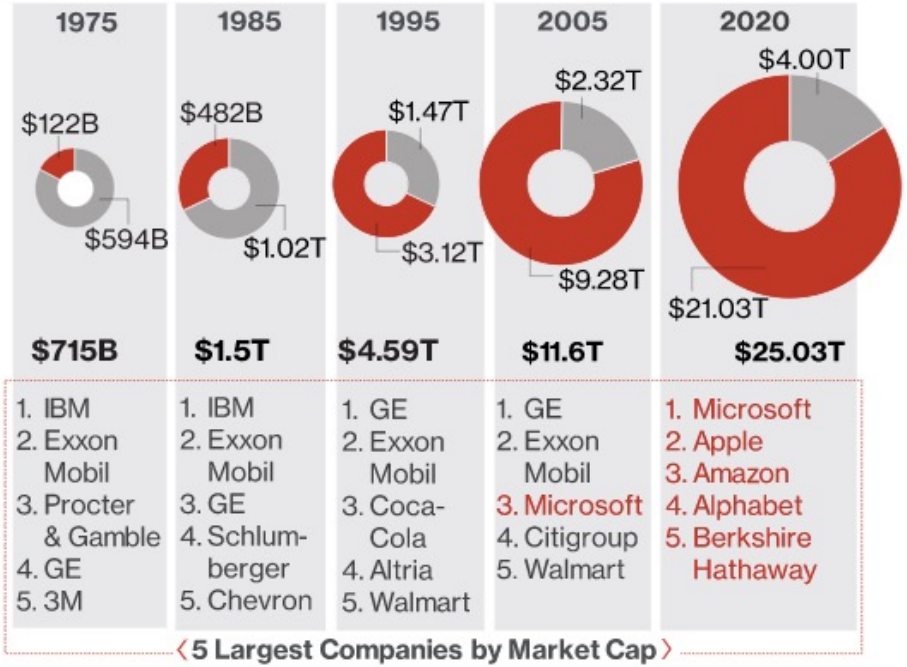
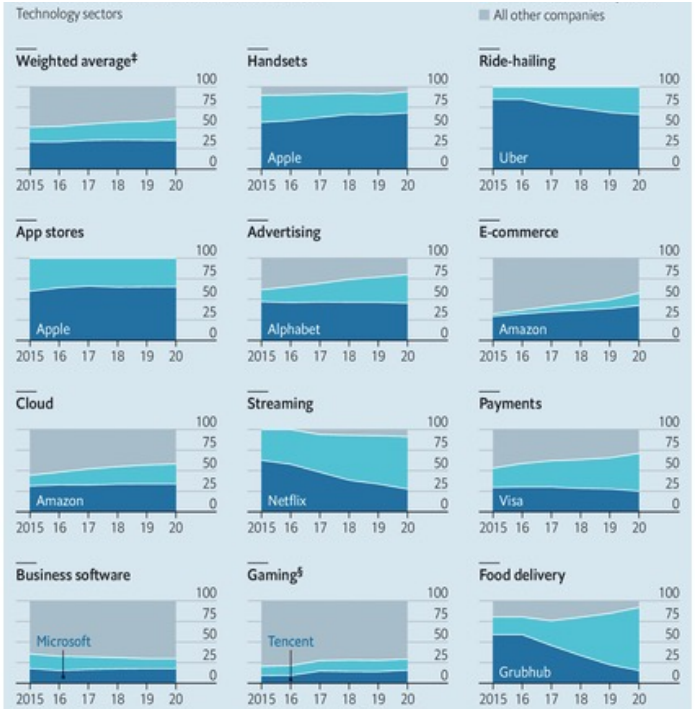


Re-establishing Trust in Government in ECA and Beyond: Citizens Assemblies & CivicTech

Dr George Zarkadakis

Problem 1: a winner-takes-all digital economy

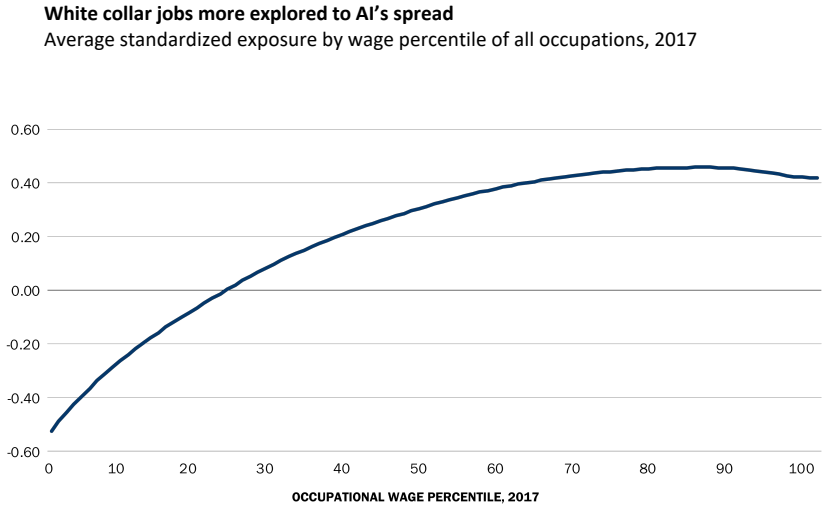




Human knowledge and data create massive value…

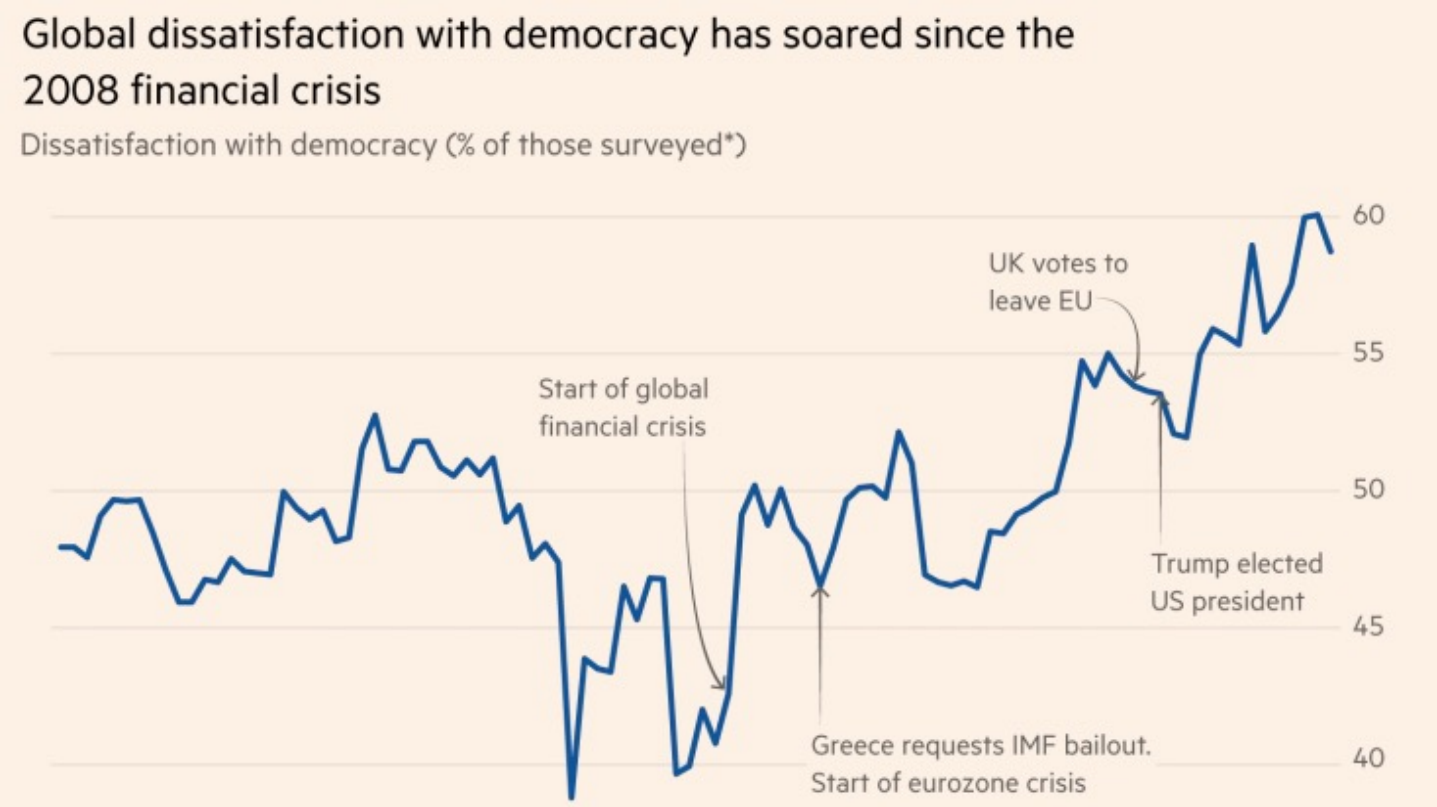
…and big tech oligopolies

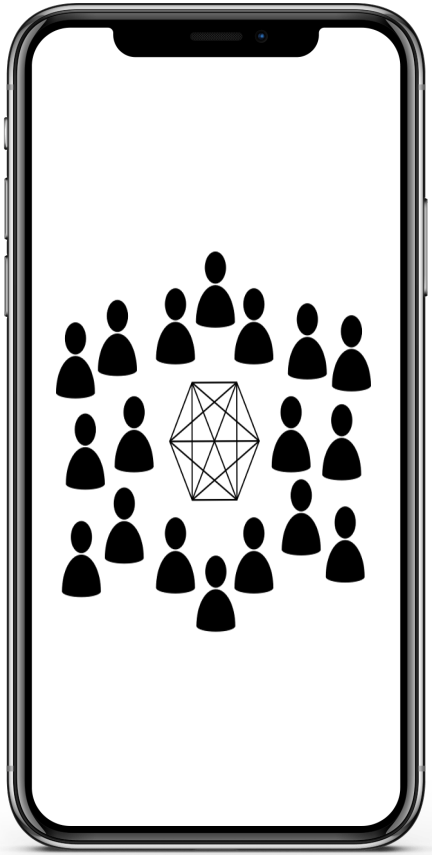
Problem 2: inequality and work dislocation due to AI



Source: Brookings Institute. Accessed via: https://www.brookings.edu/research/what-jobs-are-affected-by-ai-better-paid-better-educated-workers-face-the-most-exposure/

No trust. A broken social contract?





Citizen of the Future

- Digital Identity
- Data Wallet (demographics, knowledge, experience, skills, certifications, degrees, diplomas, etc.)
- Reputation score
- Credit score
- Conversational AI agent
- Access opportunities for solve problems, or get contract work
- Access collaboration opportunities and join teams
- Participation in citizen assemblies
- Participation in social activism
- Participation in governing DAOs and Web 3.0 digital platforms
- Voting
- Crypto Wallet

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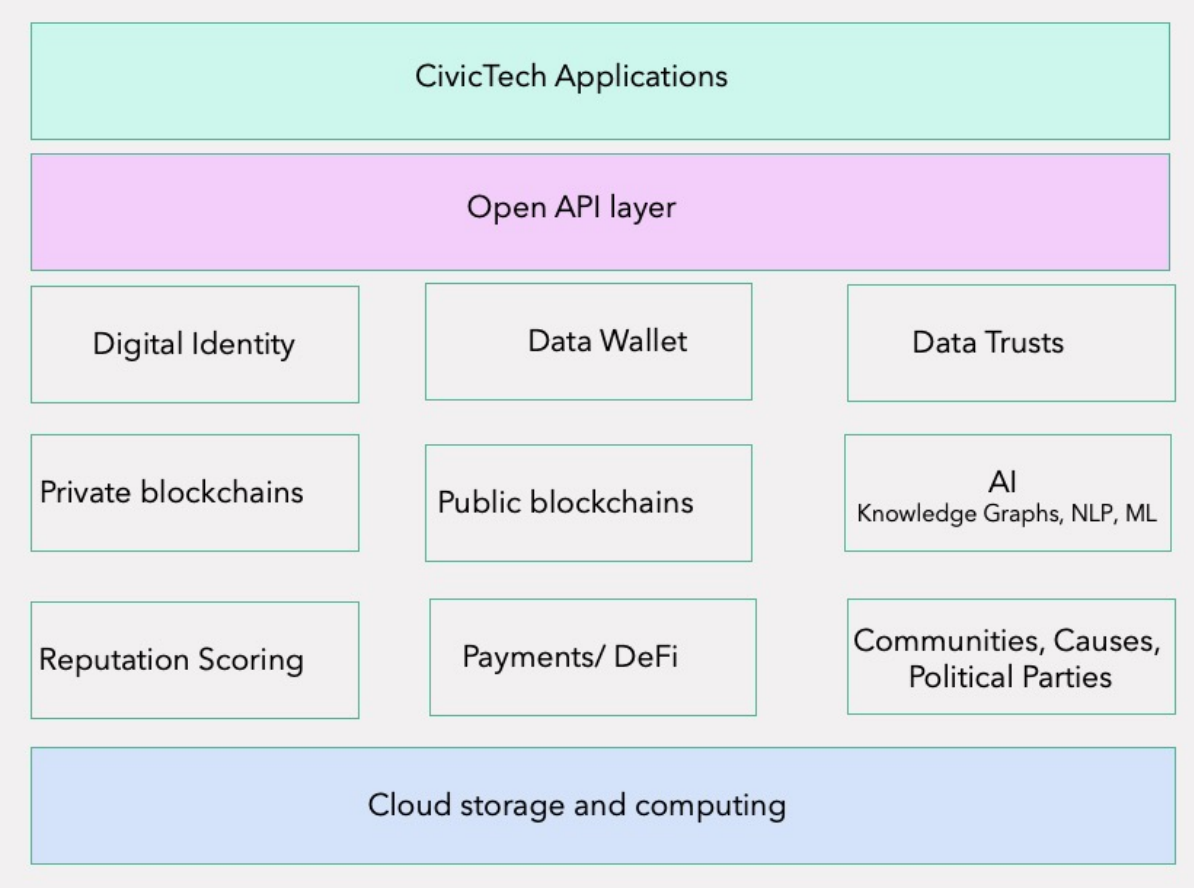
The democratic governance tech stack



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CivicTech Applications

- Intelligent learning concierge (“cybernetic AI”)
- Audit veracity of news, combat misinformation
- Secure Identity verification (incl. biometrics, vaccine certification, etc.)
- Digital platforms for policy-specific political parties
- Liquid democracy
- Citizen Assemblies
- Advising parliaments and influencing decisions on demand
- Augmented Reality (“Understanding problem and impact”, etc.)
- Virtual Reality (“Virtual Empathy”, “Democracy games”, etc.)
- Cryptogovernance (managing common pool resources)

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Meeting
of Minds
Europe
www.meetingmindseurope.org

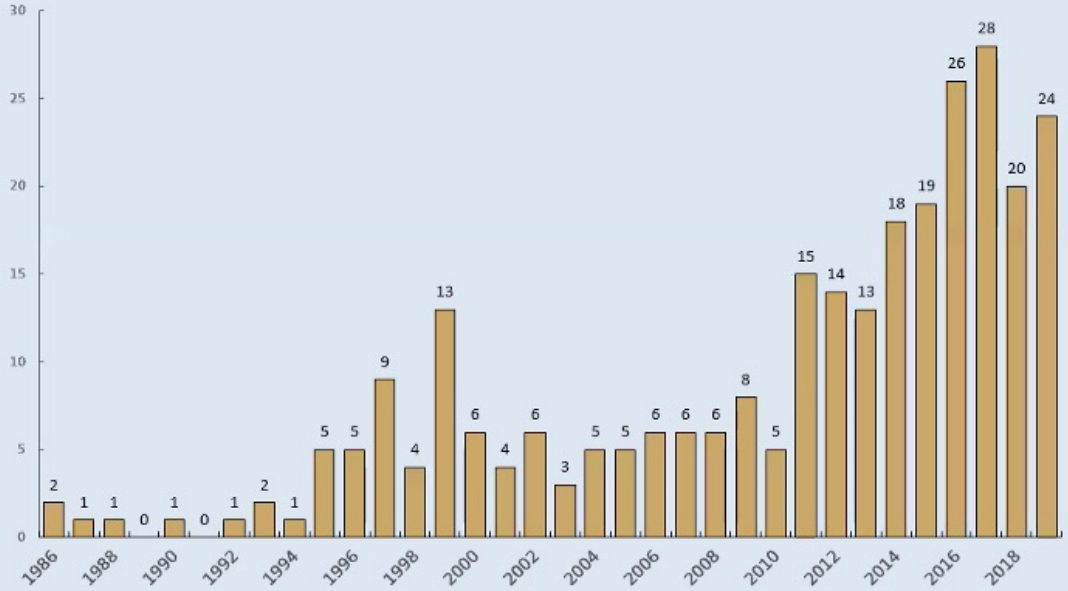
Outcomes: III. public information
E. Improving education curricula
F. Linking environment & brain disease
G. Improving the quality of media reporting
H. Balancing mainstream & alternative information

Purpose:
Process:
Outcome:

Global Ethical Controle
REGULATION
CONTROL
- CODE OF CONDUCT
- ETHICAL FRAMEWORK
- EU-GUIDELINES
- QUESTION OF RESPONSIBILITY
- PENALTIES
= member state
Regulations (Commission)
↳ less cry for more!
Funding: cross-border

The "deliberative wave" has been building since the 1980s, gaining momentum since 2010

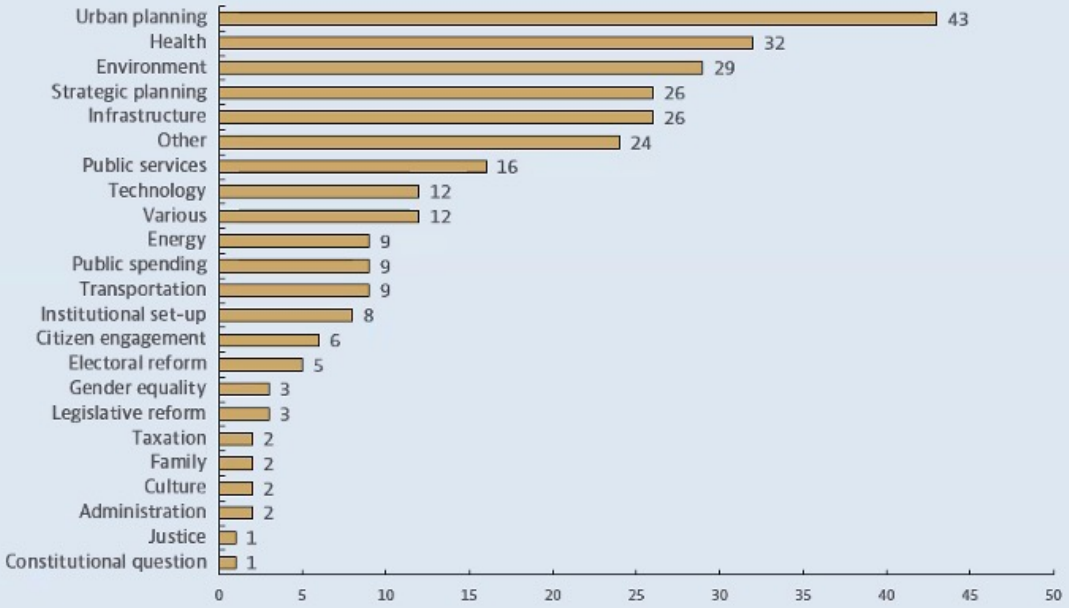
Number of representative deliberative processes per year, 1986 – October 2019



Notes: n=282; Data for OECD countries is based on 18 OECD countries that were members in 2019 plus the European Union. Processes that spanned over multiple years are noted by the year of their completion (except for permanent ongoing processes).

Public authorities have commissioned representative deliberative processes for a wide range of policy issues

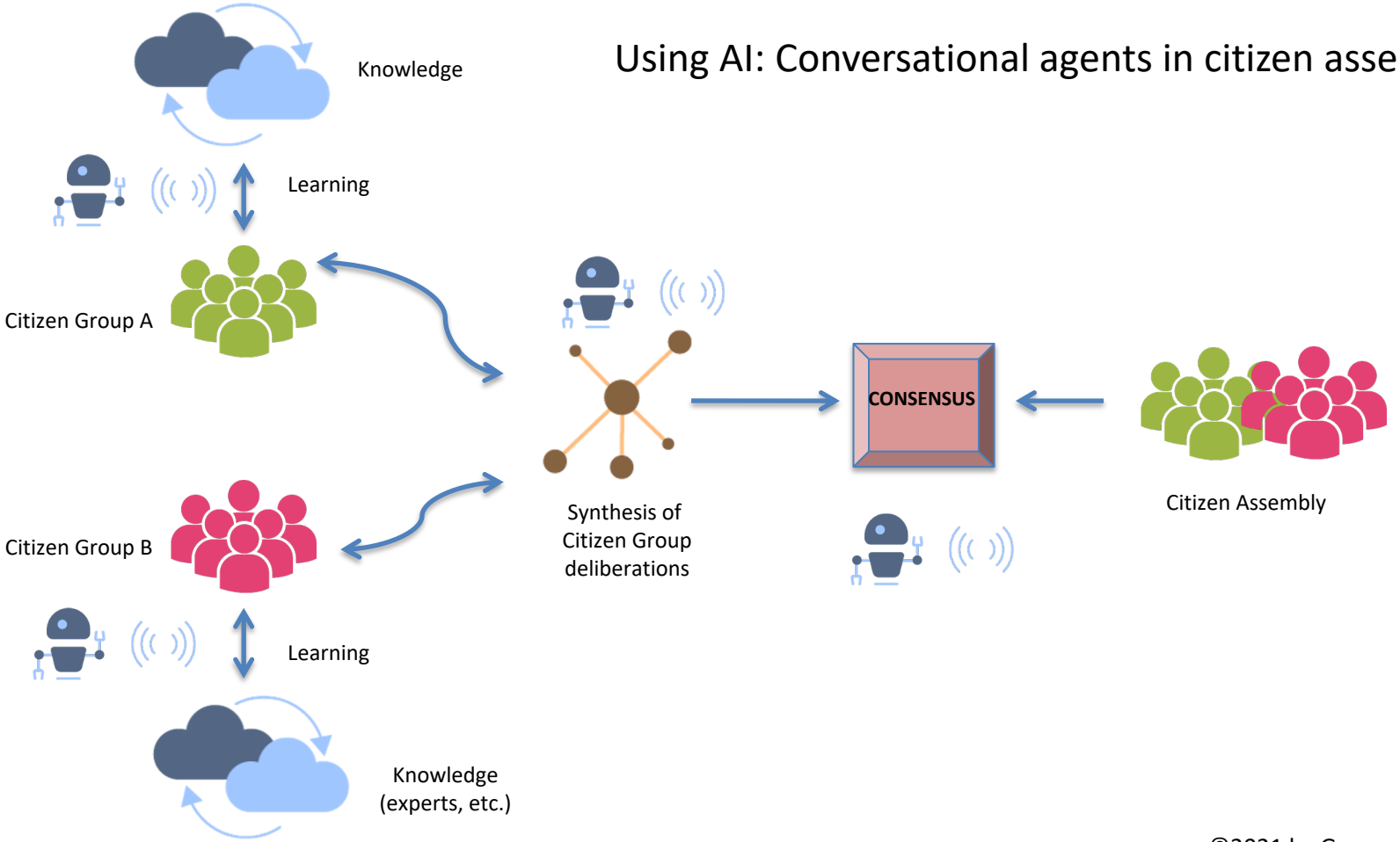
Number of times a policy issue has been addressed through a representative deliberative process



Notes: n=282; Other policy issues include: agriculture; constitutional questions; consumer protection; cooperative housing; culture; firework use; gambling regulations; gender equality; justice; legislative reform; migration; noise pollution; safety; socioeconomic development; science and research; sustainable development; taxation; water management; youth.

Source: OECD Database of Representative Deliberative Processes and Institutions (2020)

Using AI: Conversational agents in citizen assemblies



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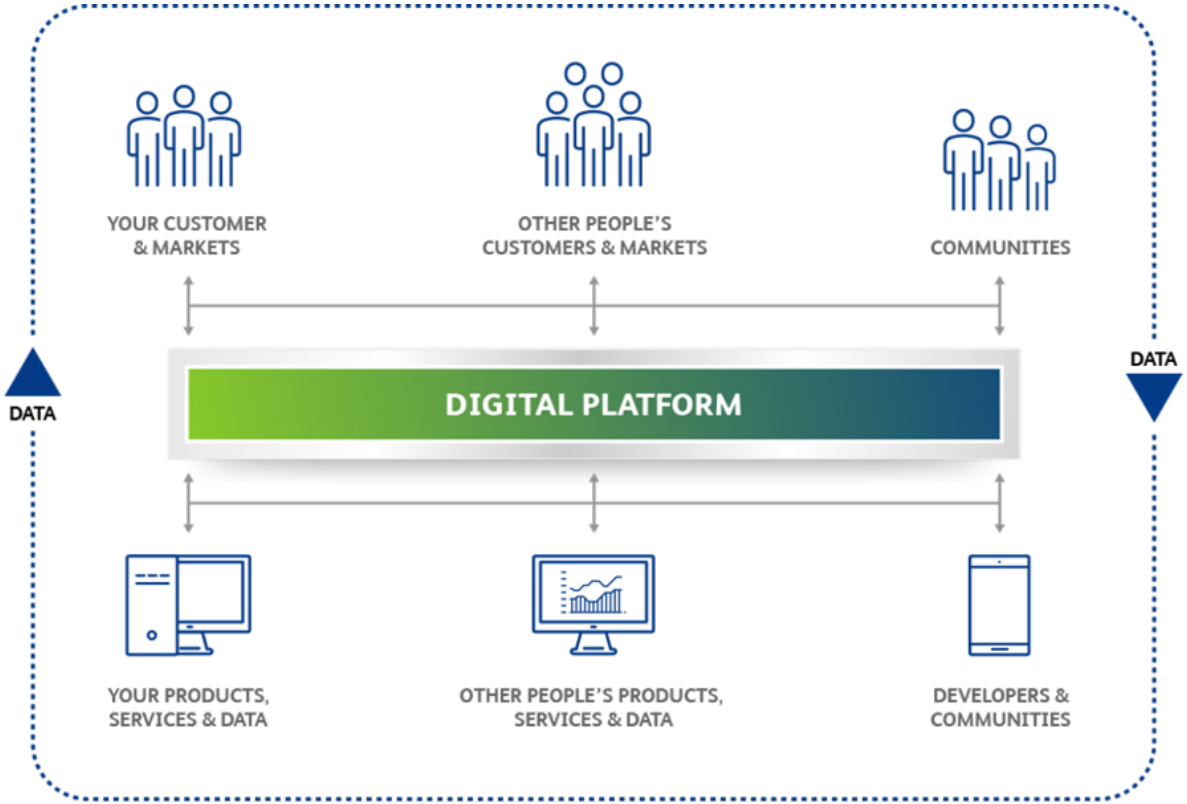
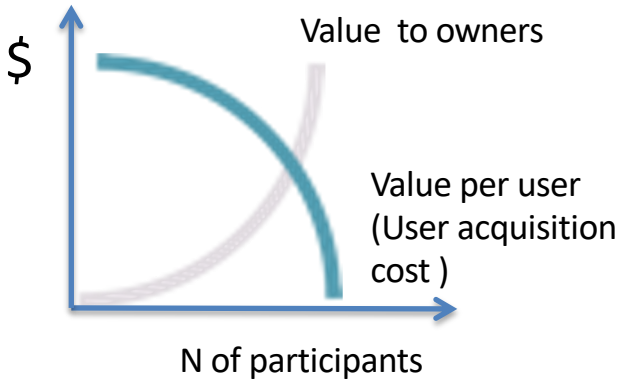
Decentralized Autonomous Organizations: Governance-as-a-Service

Private Governance
(The “G” in ESG)

Web 2.0 Capitalism: a value extraction flywheel





Web 2.0 Platform

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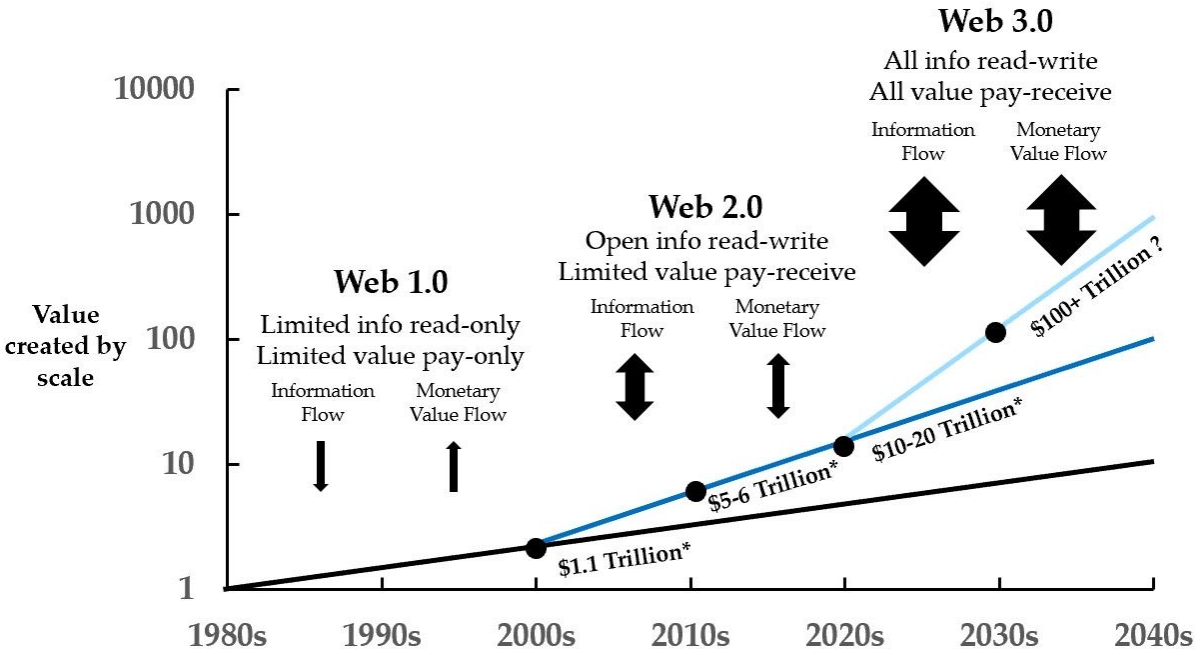
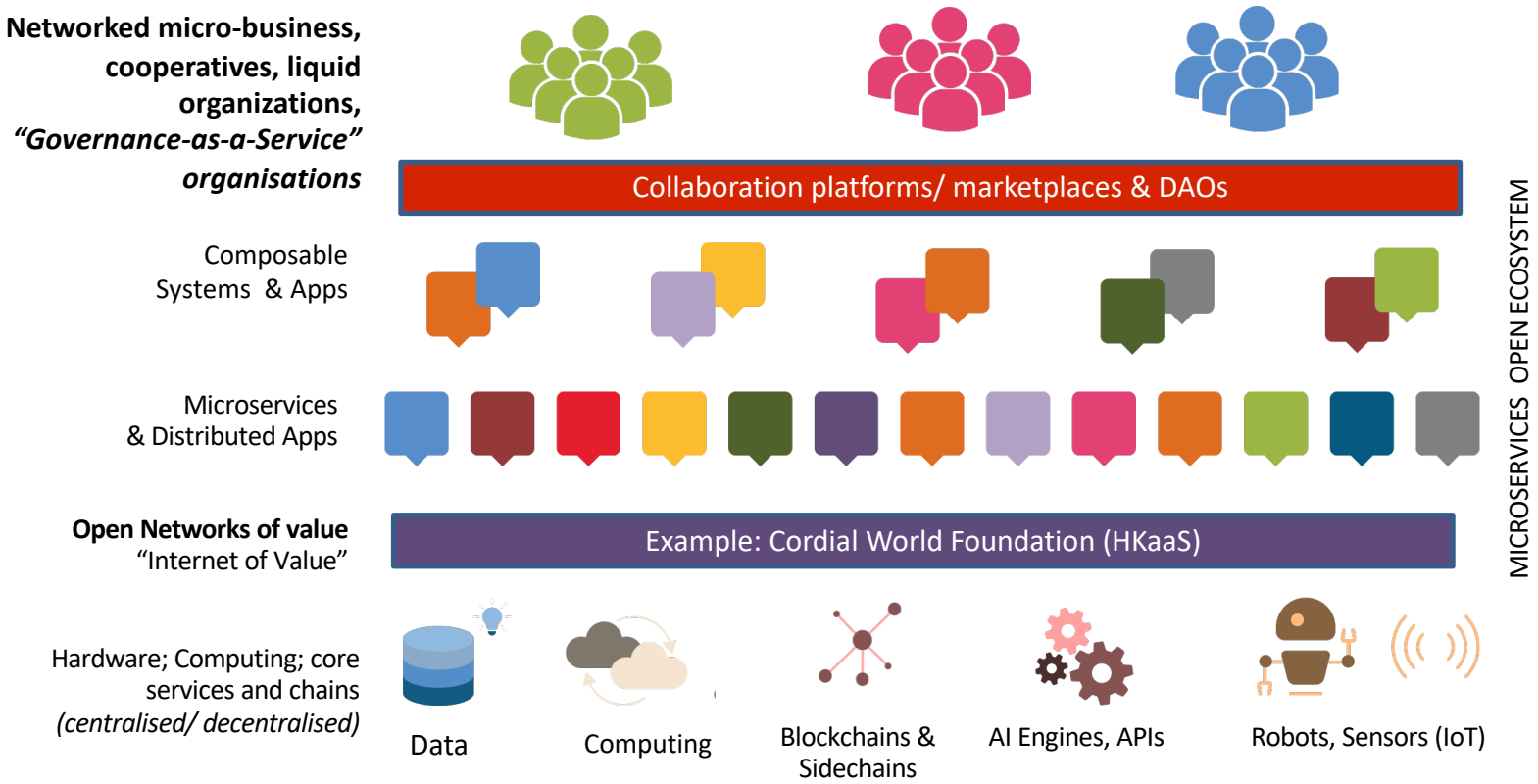
Web 3.0. Information AND value can flow among entity without intermediaries



* Public internet companies market cap. Source: Capital IQ

Web 3.0 ecosystem. A people network of interconnected cooperatives and microbusinesses collaborate, create and share economic value by leveraging a stack of distributed and decentralized technologies. ©2019 by George Zarkadakis



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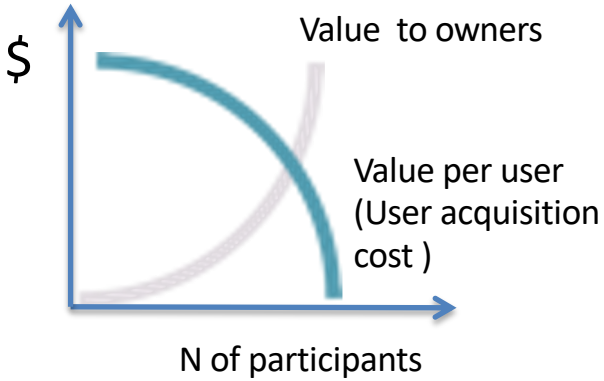
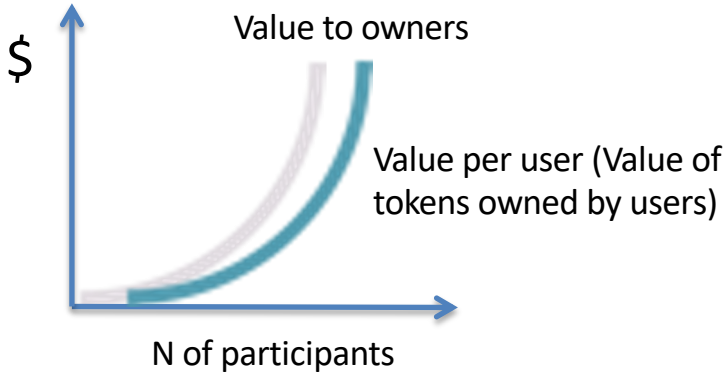
Web 2.0 platforms vs Web 3.0 platforms



Web 2.0 Platform



Web 3.0 Platform

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Capitalism 2.0

- Legacy Business Models
- Centralized networks
- Globalization

4th Industrial Revolution

Capitalism 3.0

- Cloud-native Business Models
- Decentralized networks
- Anti-globalization

Pre-Covid19 World	The "Covid19 Effect"	Post-Covid19 World
Business purpose: Maximize ROI and shareholder value	Social Capital at work, volunteerism	Broader purpose to include positive social, environmental impact – broaden ownership of derived value from data
Business governance: enlightened CEO "dictatorships"	Government bailouts & Big(ger) government	Public & private Governance is more inclusive and participatory (the "G" in ESG)
Digital Innovation: Siloed data sets Privacy vs. utility dilemma	Citizen surveillance & need for data sharing	Data Property Rights, Data Trusts
Work automation: reduce cost, improve productivity	Worker dislocation	Reinvent AI + human economic and social symbiosis; tax rethink (capital vs work)

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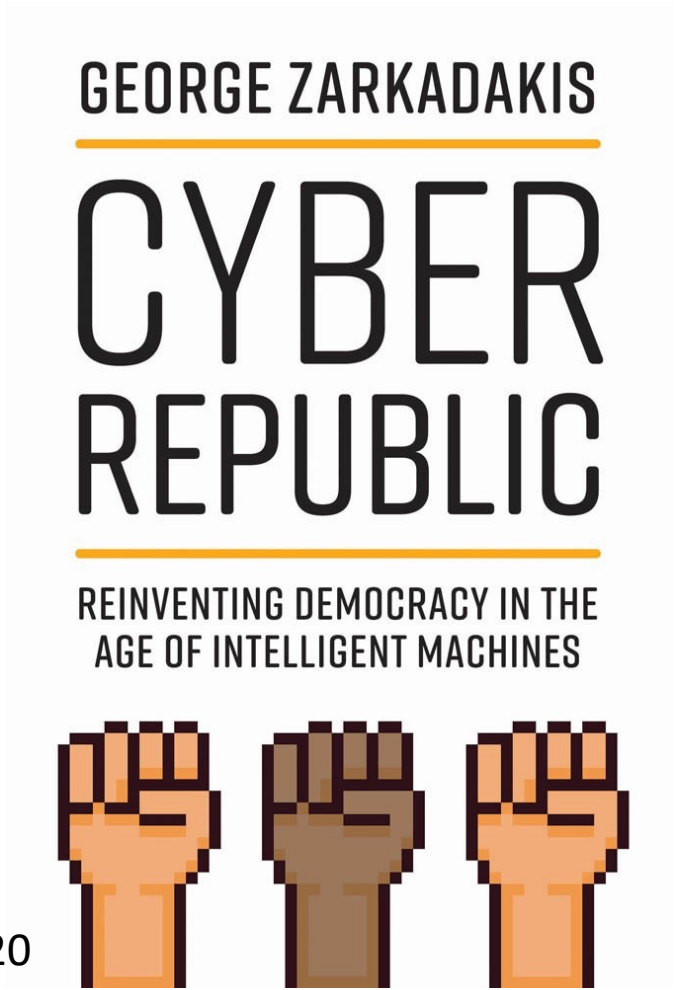
@zarkadakis



MIT Press, 2020