



Stanford PACS

Center on Philanthropy  
and Civil Society

# Digital civil society and democracy 2050

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# Digital Civil Society

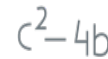
**The voluntary use of private resources  
for public benefit in digital age**

**Depends on digital data and digital infrastructure**



# REACTION

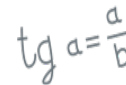
## BENEFITS



$$\sin = \frac{a}{c}$$



$$(a+b)^2 = a^2 + 2ab + b^2$$

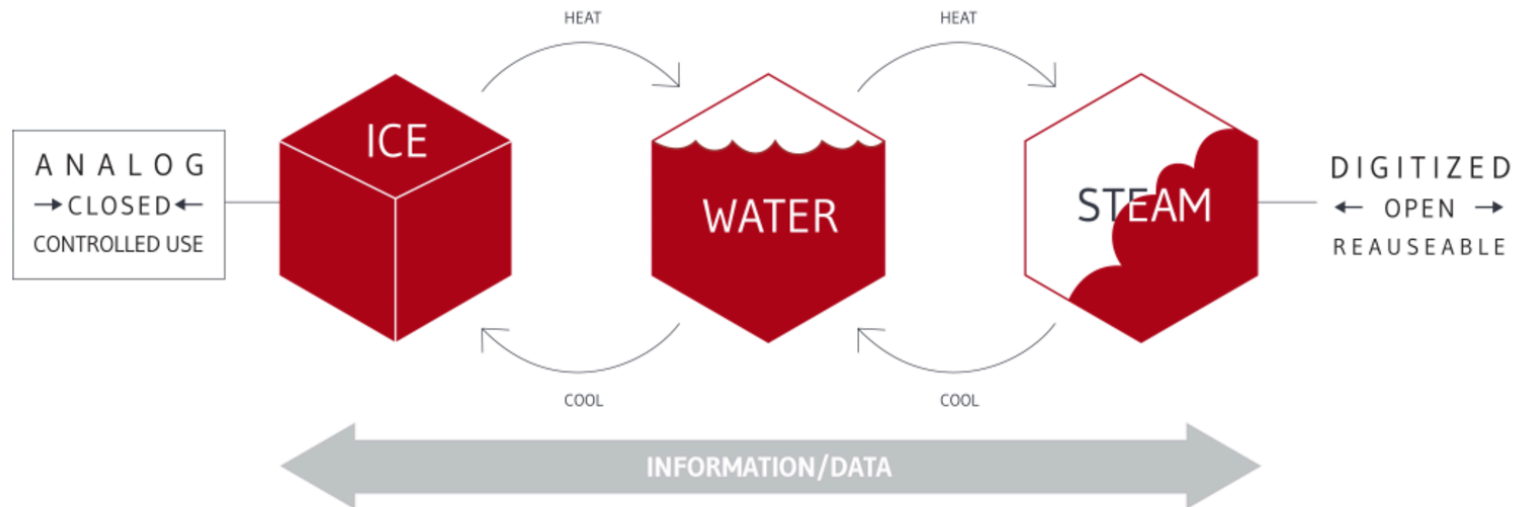


$$(2x+3)^2$$



# Degrees of access

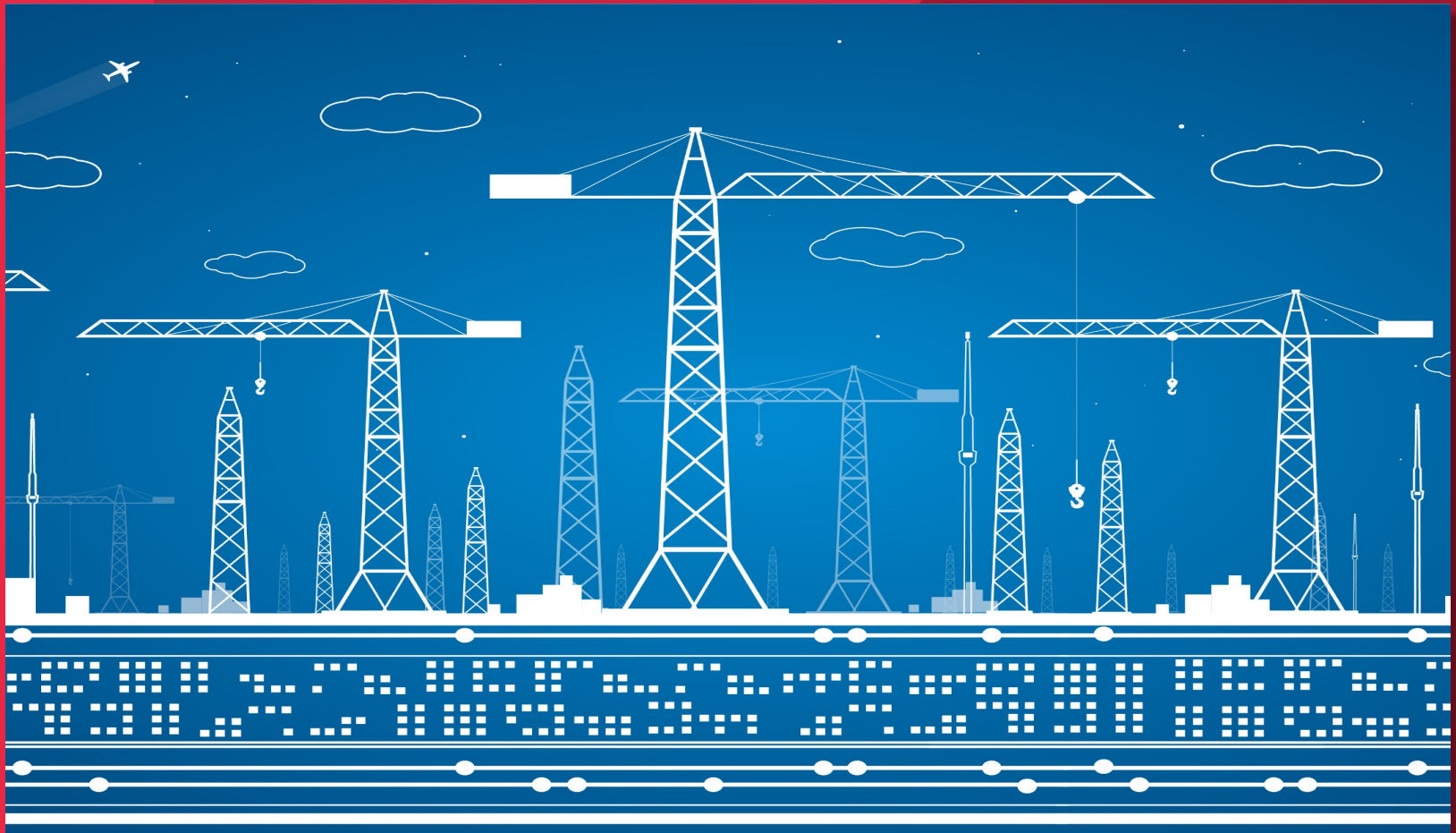
## THE FORM OF INFORMATION MATTERS



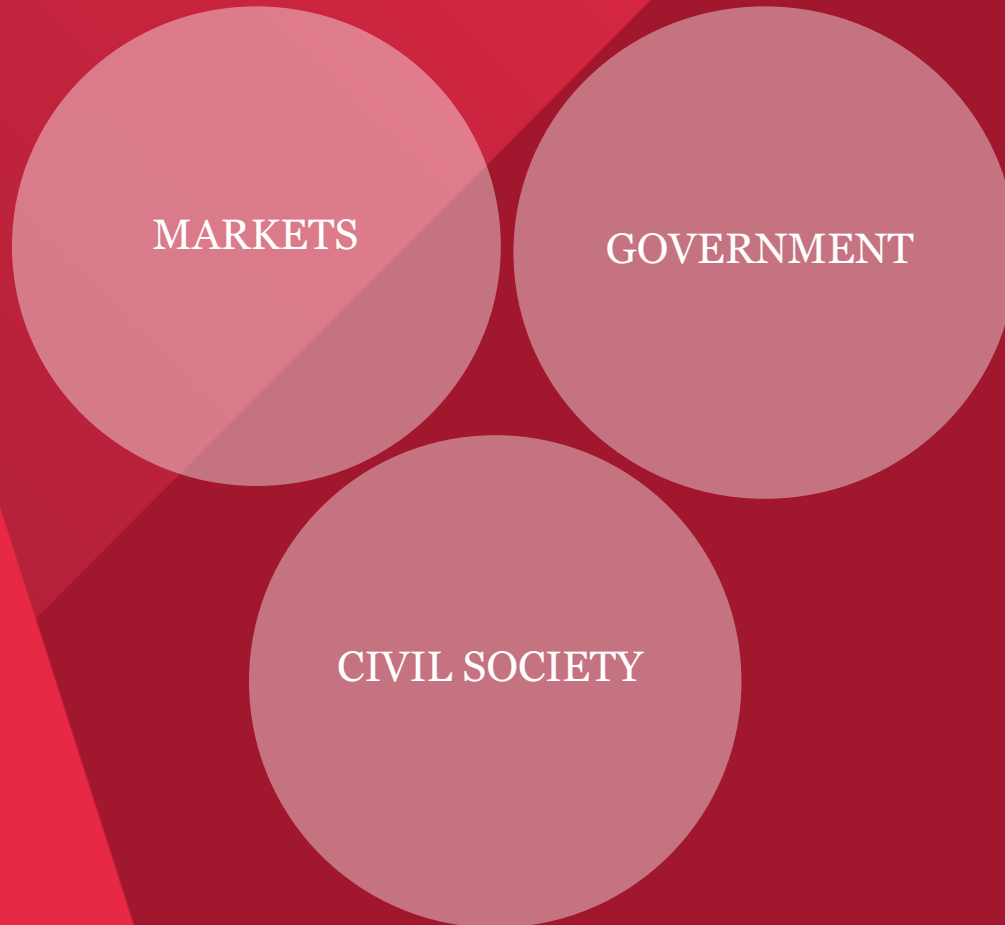
The same data (whether digital or analog) can vary in degrees of access and use depending on what is selected to share and how. For example: a paper version of the 990 form stored in file cabinet is like an ice cube. A single 990 form scanned and hosted online as a .pdf is like water. A downloadable and open access database created from all the individual fields drawn from all organizations' 990s is like steam.

# Digital Infrastructure

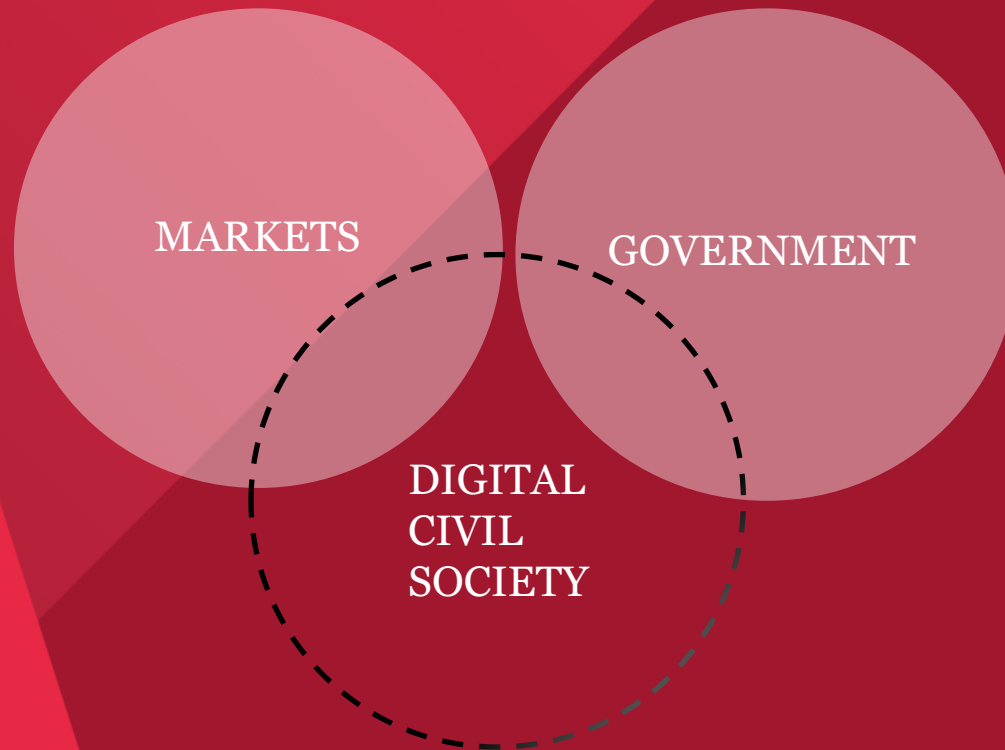
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# Democracy idealized



# Democracy today



# Civil Society's Definition

The voluntary use of . . . .  
private resources for . . . . .  
public benefit . . . . .





# Inventing democracy 2050

- Today's edge = the center in 2050
- What we can't know
  - What will be the dominant form of communications and information exchange in 2050?
  - What borders will matter - National, racial, ethnic, regional?
  - The technology will change – but the pattern of tech revolution followed by political and economic disruption and reassertion is steady. The rapidity of the cycle is, perhaps, increasing
- Designing systems requires designing governance into technology
- Designing democracy means democratic design

# Inventing democracy 2050

- What we can know
  - The technology will change – but the pattern of tech revolution followed by political and economic disruption and reassertion is steady. The rapidity of the cycle is, perhaps, increasing so might be several cycles in by 2050
  - Designing systems requires designing governance into technology
    - Blockchain is an example of co-designed software code and governance rules
  - Designing democracy means democratic design



# Democratic design

- Participation – [Hawai'i 2000](#), [Nos Aruba 2025](#), Iceland Constitution
- Adapted to 21<sup>st</sup> C assumptions – boundaries, pace, access to info
- Networks or assemblies? (Friends or strangers)
- Rule of Law – and how it's embodied in software, hardware, and networks

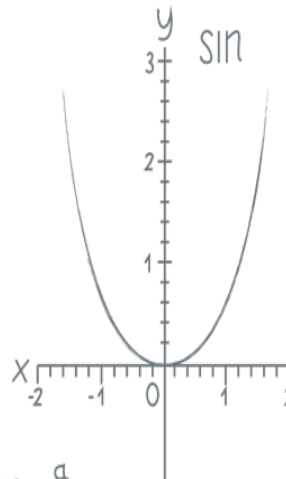
# Context 2050

- Global interconnectedness – climate change, migration, employment and trade, nuclear war, cyber crime, space?
- How many people on the planet? How many in Chile?
- Economic inequalities and resource ownership?
- Blockchain probably will not be the tool, but will the values it proposes - security, distribution, personal control – bewhat people looking for?
  - [Rohingya ID](#)
  - [Property](#) Rights
  - [Corruption](#) fighting
  - [Health data](#) for personal sale
  - Political processes – MiVote



# 1

## ACTION



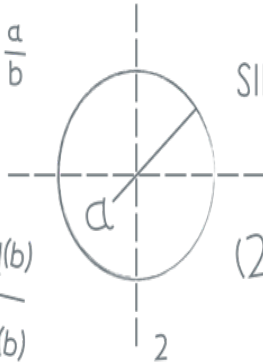
$$\operatorname{ctg}(a) \cdot \operatorname{tg}$$

$$(2x+3)^2$$

$$c^2 - 4b$$

$$/ = 4(a+b+c)$$

$$\operatorname{tg} a = \frac{a}{b}$$



$$\sin = \frac{a}{c}$$

$$(2x+3)^2$$

$$g(b) = \frac{\operatorname{ctg}(a) + \operatorname{tg}(b)}{\operatorname{tg}(a) + \operatorname{ctg}(b)}$$

$$F = \frac{\pi \cdot d^2}{4} = 0,785d^2$$

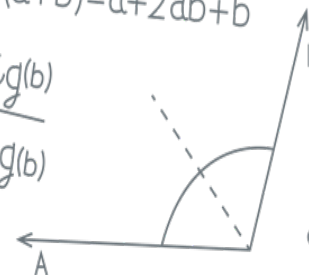
$$\operatorname{ctg}(a) + \operatorname{tg}(b)$$

$$\pi \cdot d^2 = 0,785d^2$$

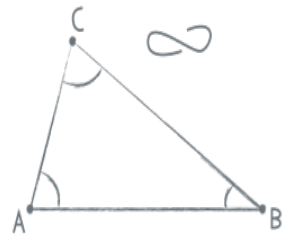
$$\frac{\operatorname{ctg}(a) + \operatorname{tg}(b)}{\operatorname{tg}(a) + \operatorname{ctg}(b)}$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$\sin = \frac{a}{c}$$



$$\operatorname{tg} a = \frac{a}{b}$$



$$F = \frac{\pi \cdot d^2}{4} = 0,785d^2$$

$$(2x+3)^2$$

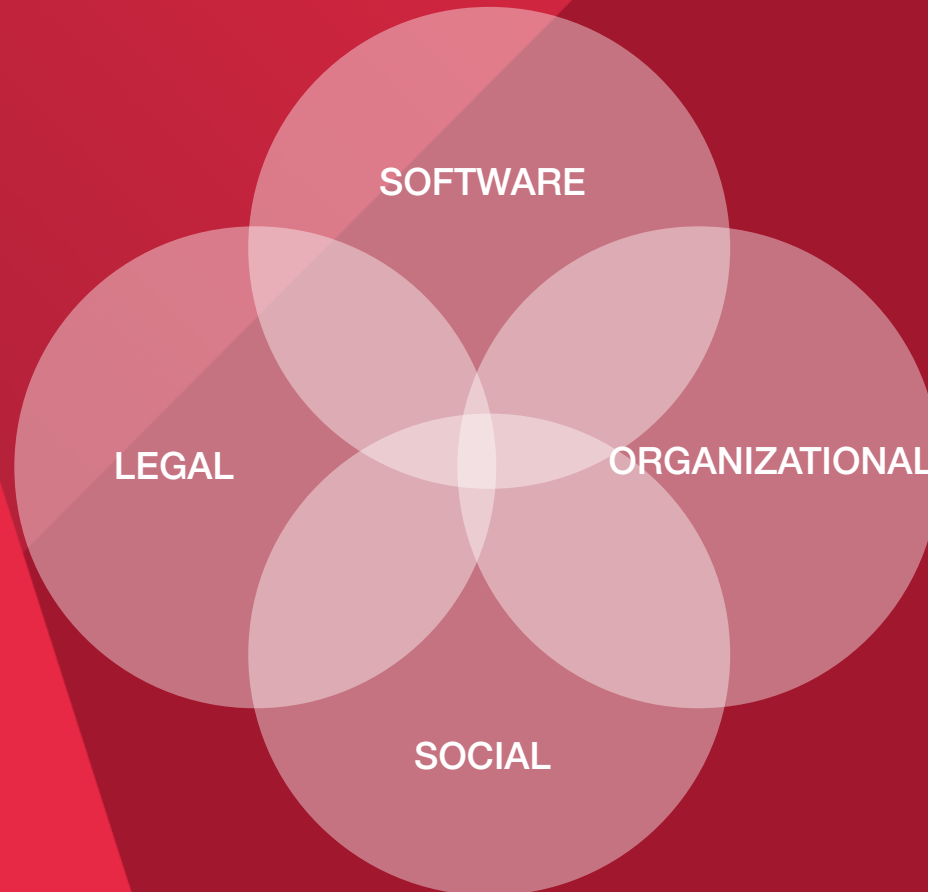
# 2

## BENEFITS



# Digital Civil Society Depends on Progress on Four Dimensions

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Thank you!

