



# Societal Drivers in the Geospatial Arena (6892)

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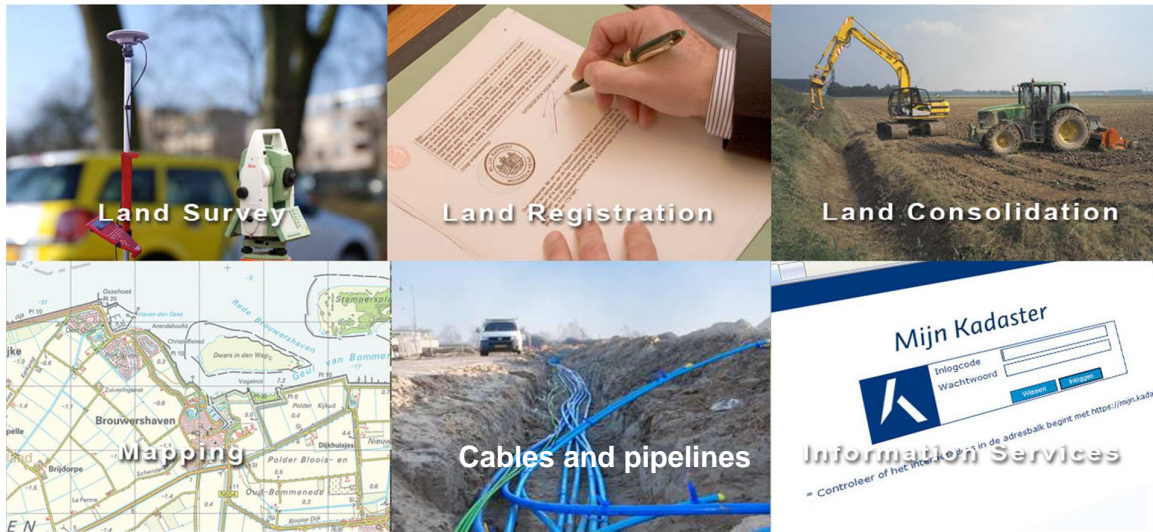
Chair Executive Board

## Overview

- Dutch Kadaster
- Developments in society
- Information technology
- Networked societies
- Formal vs. informal data
- Privacy
- Open data
- Conclusions



# Kadaster services



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# Developments in society

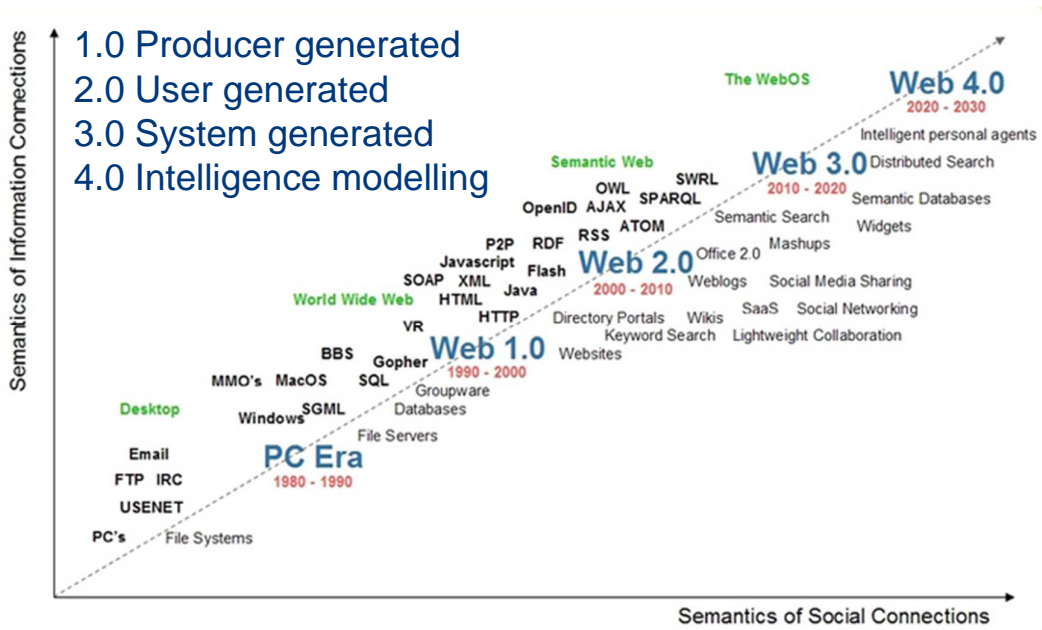
- We live in a virtual world
- Technology & information enables us to act ourselves
- Knowledge is power <-> Sharing gives strength



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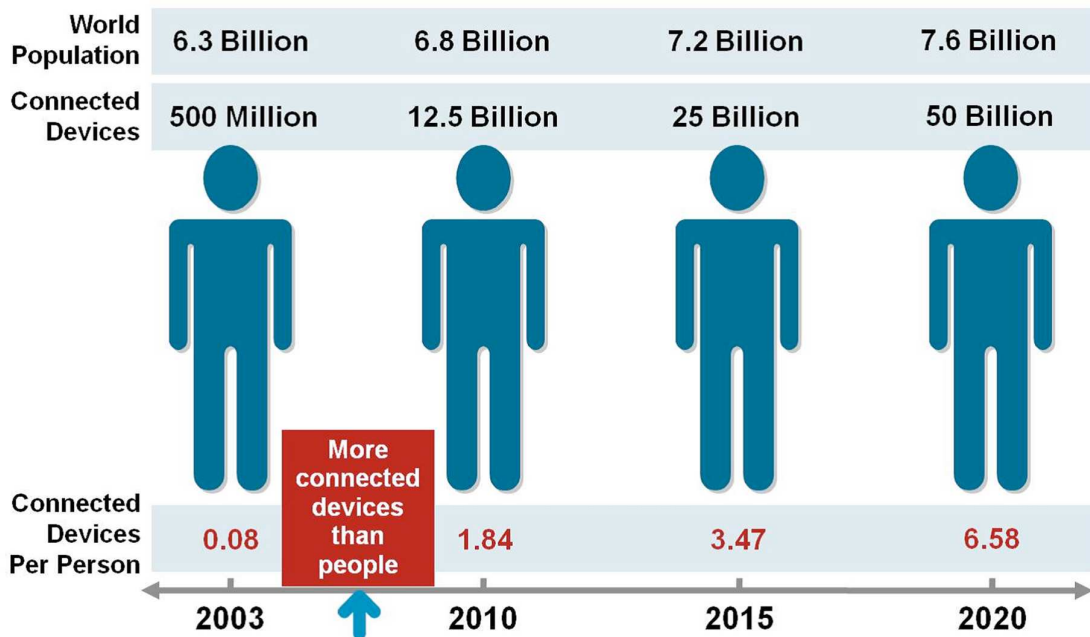
# Information Technology



The development of the web from the viewpoint of information Connections and social connections. (source: <http://joelmeijer.nl/internetweb4-0>)

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# Networked societies



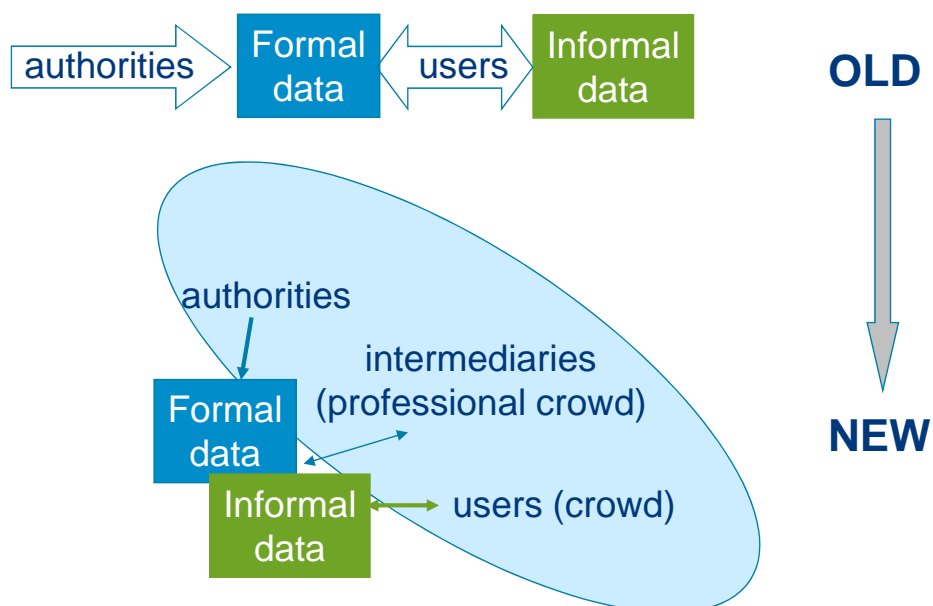
## The new rules in a networked society

- Authority -> Contribution to the network
- Authority -> Trust
- Authority -> Dialogue

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# Formal (authoritative) and informal data



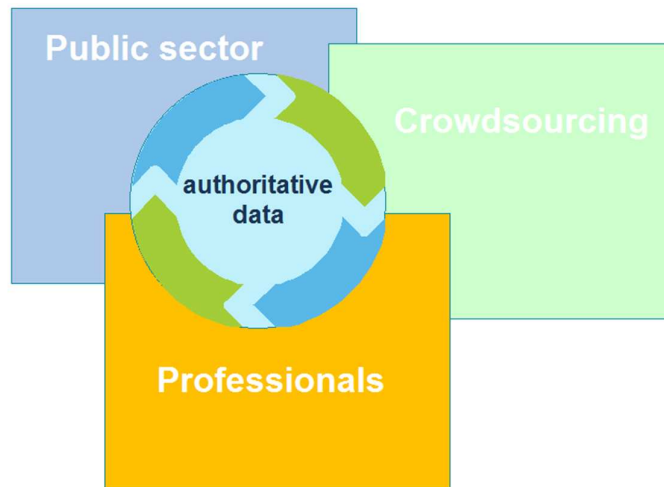
Network based on trust, protocols and rules

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# Role of authoritative data

Linking pin



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## Privacy



### Consequences

- Spatial data relate to individuals
- Need for proper checks and balances
- Our sector must be involved in the debate

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# Open data

- Free of cost at the end user
- Data cost money
  - Collection, maintenance, quality control
- Guarantee sustainability
  
- Find an appropriate business model

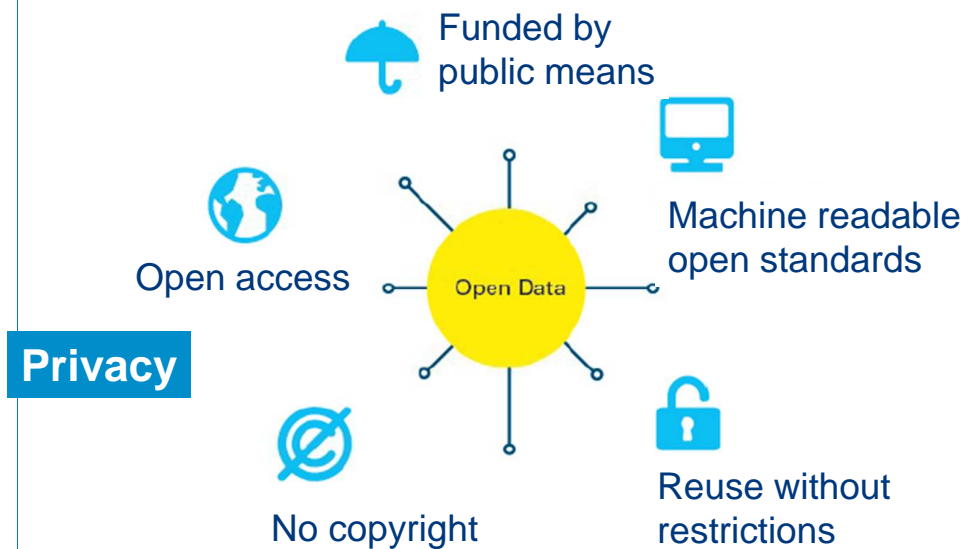


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## Example: Openness in Land administration

**Funded by parties in land market**



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**OS open data charter**

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## Conclusions (1)

### Facts:

- Growth of internet of things
- Web 4.0, model based intelligence



### Societal changes:

- Simultaneous centralization and decentralization
- Combined use of authoritative data and other data
- Localization and identification effects privacy: Debate!
- Open data are here to stay

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## Conclusions (2)

### Impact on cadastre and mapping agencies:

- Become partners in networked society
- Authoritative role: continuity, standards and quality
- Take position in the privacy debate



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**Thank you**