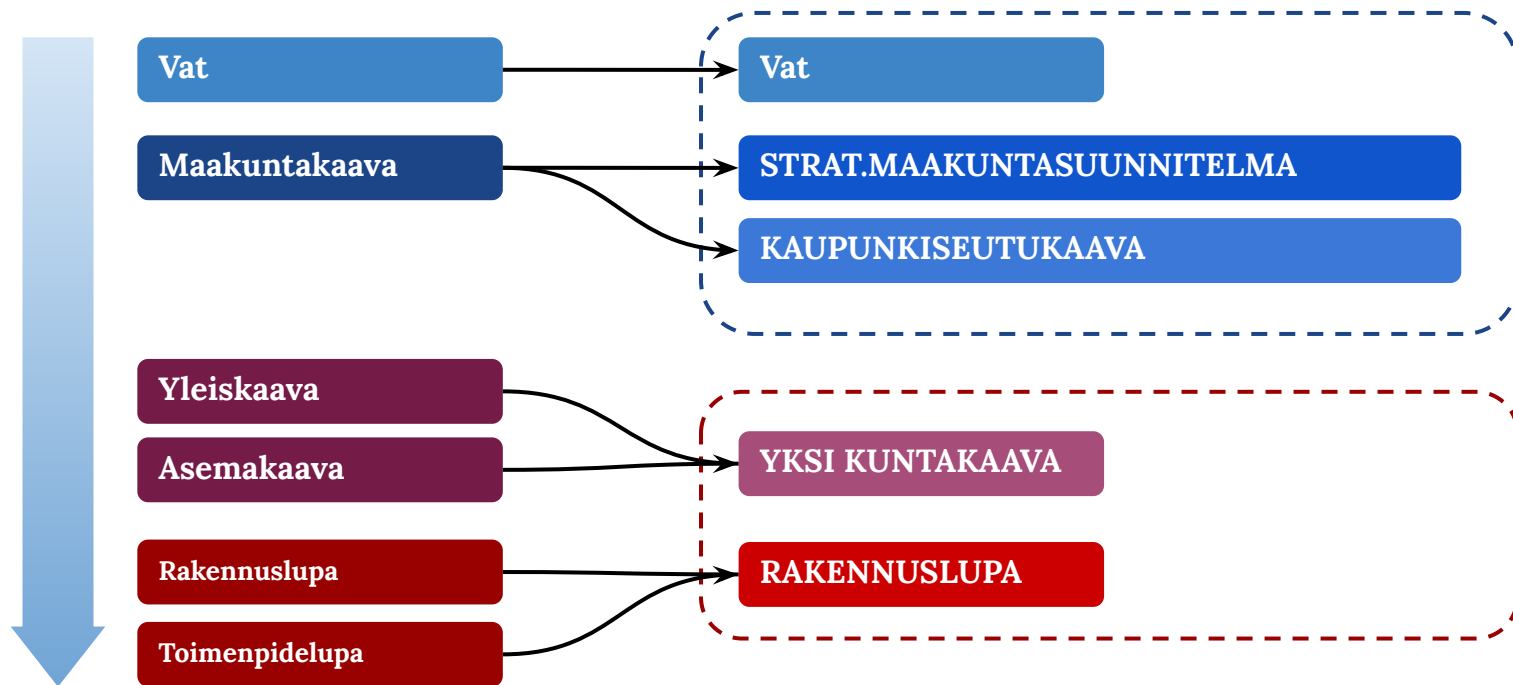


1

Suunnittelujärjestelmä muuttuu



Strategy

Zoning

2

Digitaalinen kuntakaava

VIEWING - getting information about plans, land-owners rights and responsibilities

WRITING - adding user data or new commercial / civic data sets / comments and suggestions 'wiki'

ANALYSIS - automated or professional activity that explores spatial potentials and can advice

INNOVATION - new services by public or third-party actors.

3

Data käyttöön

Datan tyypit → Mikä on dataa → Integrointi → laadunvarmistus → 'elevation'

Big-datasta
thick-dataan

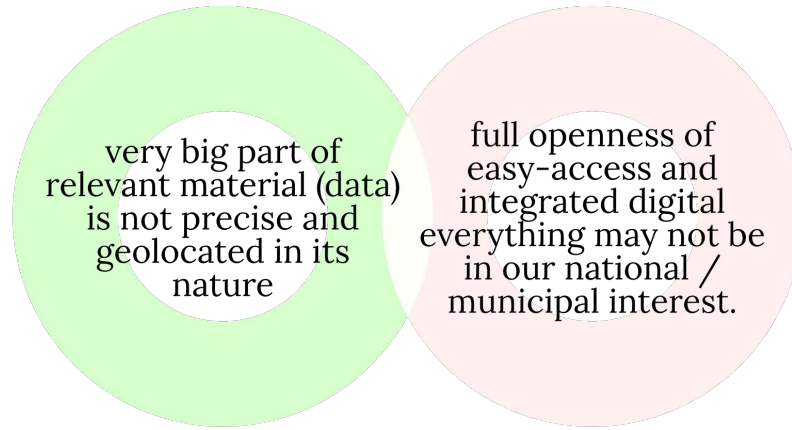
1. Välttämätön
2. Lisää tarkkuutta /
tehokkuutta
3. Tarpeeton

data Gov. efficiency index
Timing * Accuracy

metaData Thickness index
Social relevance * Right to use

4

Digitaalinen kaksonen



Digital Autarky

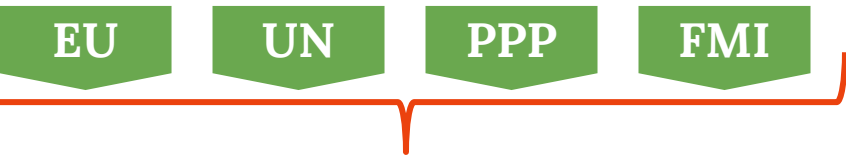
The capacity of cities and external agencies, through the use of “homegrown” data collection, extraction and processing strategies, to gain decisional autonomy over other forms of governance

Local authorities are more trusted than the central government because they appear to have more information to inform local policy, which directly affects the lives of their citizens. Gallup 2019

Cities → increase their attractiveness, economic performance, and social cohesion

PRODUCTION

Demographics	3D model	Mobility	Migration
Environment	Culture	Maintenance	Ownership
Education	Construction	Energy usage	Income
Household stats	Jobs	Health	Tenders
Infrastructures	Pop surveys	Governance	Photo archive
Tourism	Pub registries	Traffic model	Ortographoto



CITIES

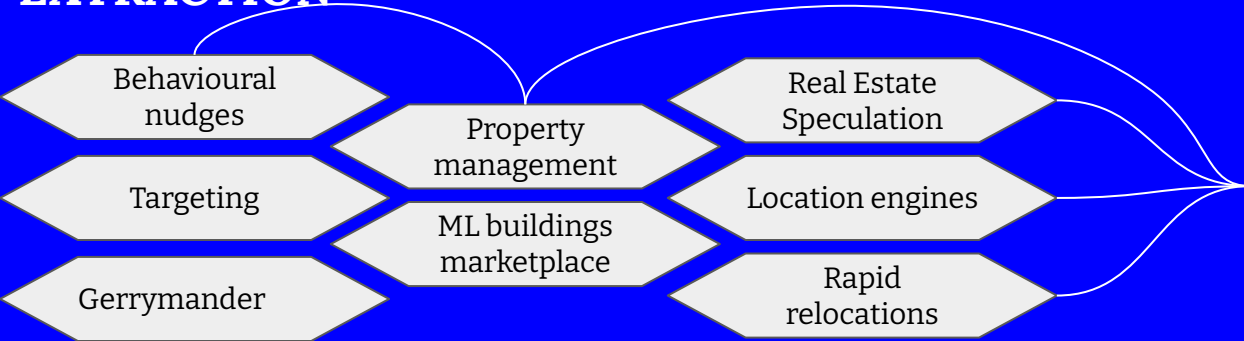
Data gathering
Digitalisation

Harmonisation

API

AI

EXTRACTION



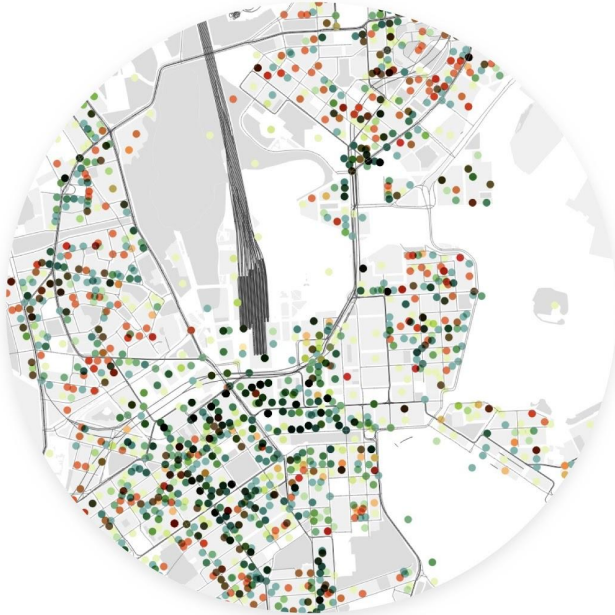
5

Kaavatietojen seurannan rooli

Miten tehdä datasta osuvaa, ymmärrettävää, mielekästä ja strategista

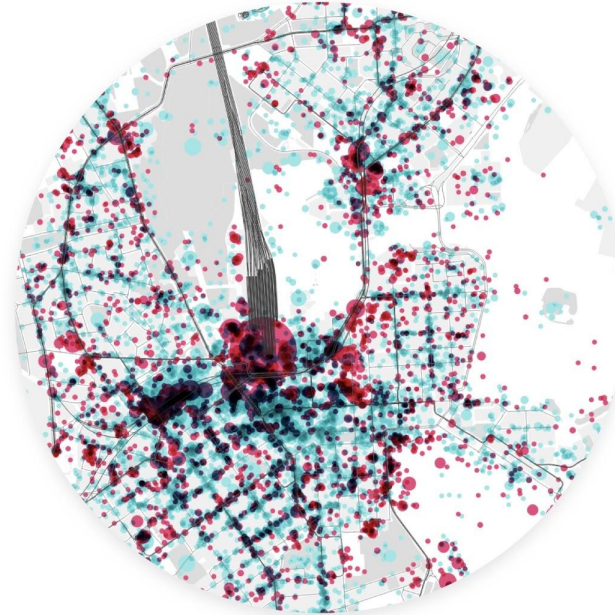
How far we are from collecting data that is socially relevant

FORMAL DATA
WHAT PLANNERS SEE
NAT. DATABASE OF BUSINESSES



Tekninen ja hallinnollinen relevanssi

INFORMAL DATA
WHAT PEOPLE DO
FOURSQUARE VENUES



**Sosiaalinen ja kulttuurinen
relevanssi**

1

Strategy

Zoning

2

VIEWING - getting information about plans, land-owners, rights and responsibilities

WRITING - adding user data or new commercial / civic data sets / comments and suggestions, why?

ANALYSIS - automated or professional activity that explores spatial potentials and can advise

INNOVATION - new services by public or third-party actors.

3

Big-data
thick-data

4

very big part of relevant material (data) is not precise and geolocated in its nature

full openness of easy-access and integrated digital everything may not be in our national / municipal interest.