



# future land use decisions

**From actions to impact**

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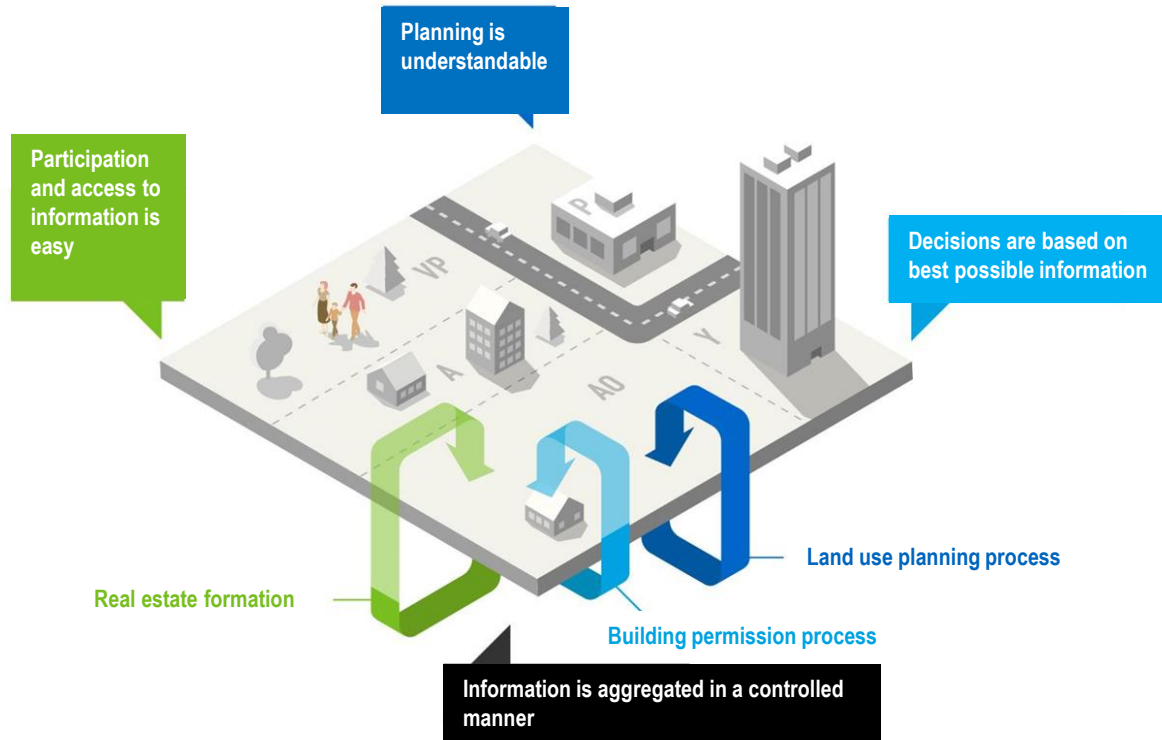
PCC Conference 21.11.2019

# Current state: Harmonized national digital information on land use not available

- Information related to land use is produced and managed by municipalities (311) and regional authorities
- Problems:
  - Current data structures are derived from paper based land use decisions and possibilities for further use, such as in automated decision making processes, are very limited
  - The working cost of authorities and private companies in acquiring information
  - Double work in digitalisation of land use plans
- "Future land use decisions" project
  - The municipal process: from land use planning to building permission
  - Decisions have common national concepts, data models and codes

# The target state of land use decisions in 2030

tulevaisuuden  
maankäyttö-  
päätökset



# Roadmap 2019-2030

2022 – 2027

- Influencing the planning of your own living environment is easy because information is understandable and accessible
- Active interaction bring better decisions and savings
- All valid plans are nationally available



2027

2027 – 2030

2030

Reform of the Land  
use and Building act

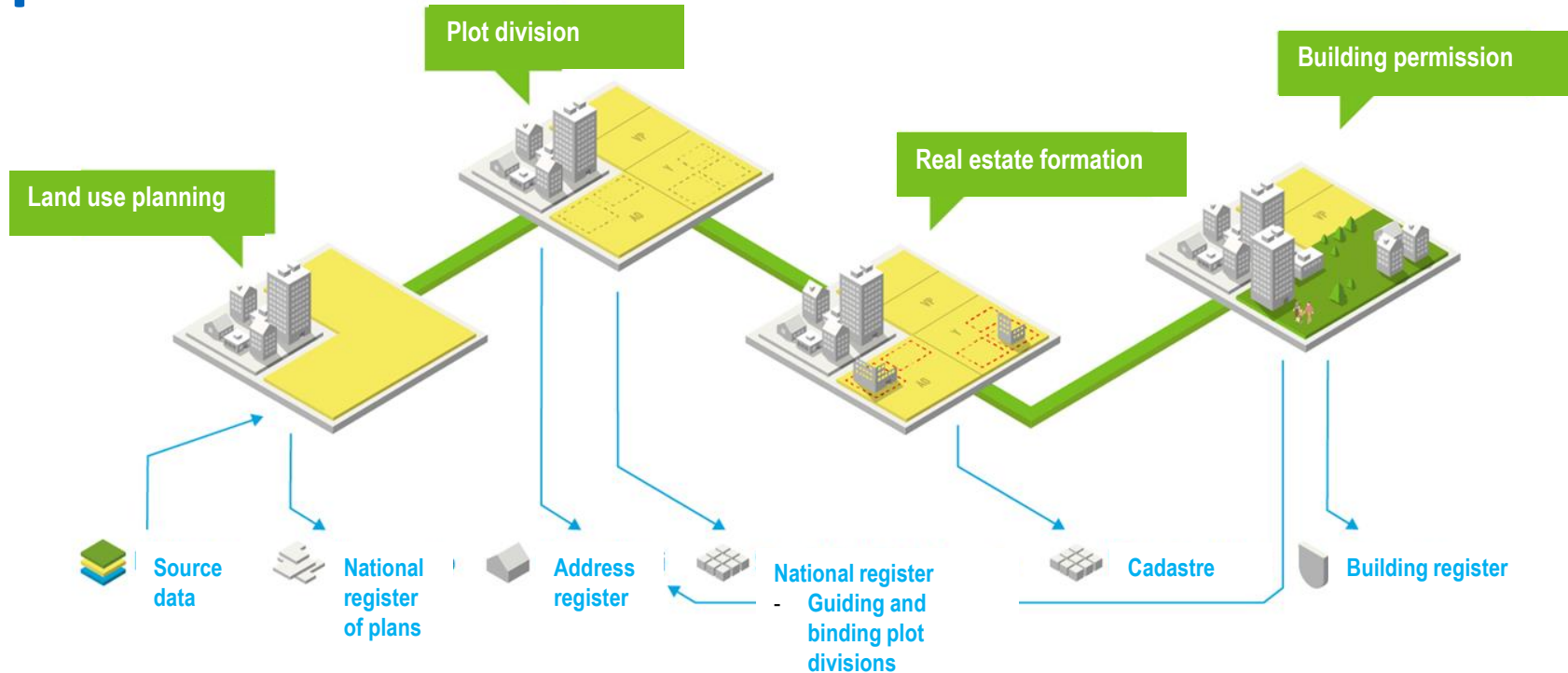
2022

2019 – 2022

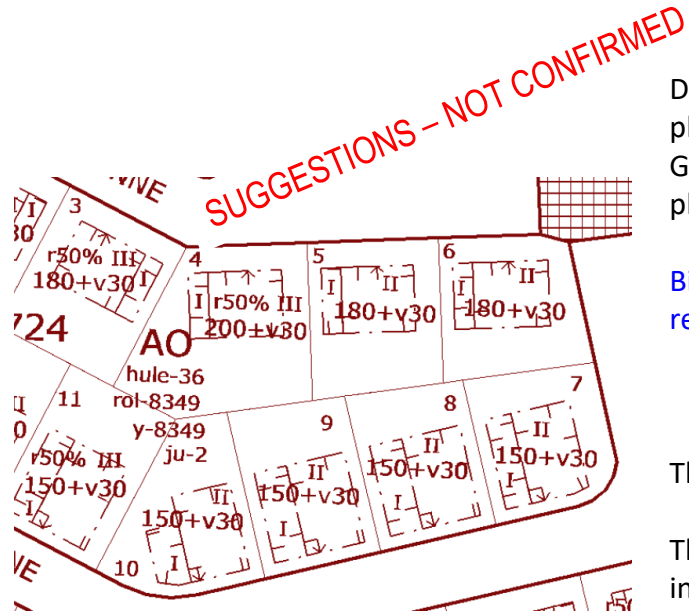


- Participation and access to information is easy
- Information is compiled in control
- Decisions are based on best information
- Planning is understandable
- Prerequisites for digital procedures has been created
- Authorities produce interoperable, reliable georeferenced information
- Key information are nationally available from one service

# Suggested flow of information between processes



# Plan – plot division – real estate formation



During planning it is possible to present binding plot division or guiding draft of plots. *These are not part of a plan decision.*

Guiding draft of a plot is a preliminary reference information not included in plan decision. It is a base for the actual plot division.

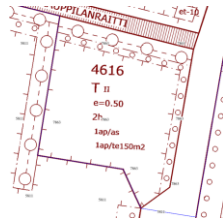
Binding plot division or guiding draft of plots are saved into the new national register, in which the “planned real estate” has the following states

- Guiding plot
- Binding plot

The same geometry becomes more precise real estate into the cadaster.

These in the different phases of “real estates” together with the real estates of in the cadaster form stock of **building sites**.

There is no need to digitize plot divisions from the valid plans.



# Impact ecosystem

**Input:** Resources (money, material, contracts, competence, ideas, contacts, etc.)

**Output:** Actions to be done

**Outcome:** Concrete change in people, structures, business

**Impact:** Social benefit

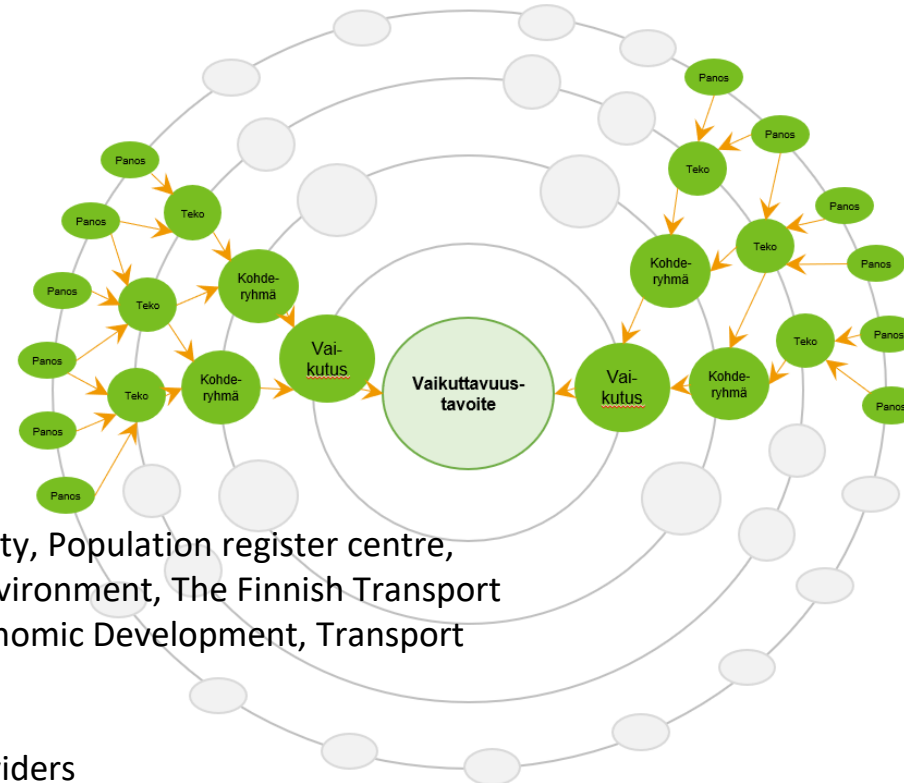
## Actors:

**Information producers:** Municipalities, planning consultants

**Authorities that need information:** municipalities, tax authority, Population register centre, NLSF, administrative courts, Regional councils, Ministry of Environment, The Finnish Transport Infrastructure Agency, Finnish Forest Centre, Centres for Economic Development, Transport and the Environment

**Users of information:** private companies, citizens, politicians

**Development of technical solutions:** Information system providers



# From actions to impact

## Input

- M of E: Investment in the national digital register and platform of built environment €
- Municipalities: training of personnel €
- Municipalities: investments in the update of information systems to support the new planning processes €
- Investment in digitization and interpretation of valid detailed and general plans €

## Output

- M of E: Is responsible for the development of the national register and platform
- M of E: Instructions to municipalities how to digitize valid plans and produce and maintain harmonized information products
- Authorities using land use decisions: changes to procedures

## Outcome

- Information flows and stays solid from planning to building permission and for further use
- Information produced in the planning process is solid at national level

## Impact

- *Costs of information acquirement decrease*: Working costs of authorities related to acquirement of land use plans and restrictions decrease 60%, value 18 M€
- *More efficient processes*: Up-to-date and reliable information of land use is used in the processes of municipalities, authorities and private companies €
- *New business possibilities for private companies*



The "Future land use decisions" project is

- executed by consulting companies Ramboll, Ubigu and Spatineo
- led and funded by the Ministry of Environment

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