

kadaster
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Tenure Security as a Service

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Helsinki, Finland, May 29 – June 2, 2017

Towards land tenure security

Changing world

Need for security and stability

Digital Society

Role LR and cadastral authorities

Fit for purpose land tenure security

Guidance by Sustainable Development Goals



Everything happens somewhere and sometime

Does our information match demands in space and time concerning land tenure security?

State of play in the Netherlands



Statistics Netherlands 2016

What if.....

...Personal Data Protection becomes more important than Public Access?

The image shows a page from a historical cadastral register. At the top, there are fields for 'NAME', 'ADDRESS', 'CITY', and 'POSTAL CODE', with handwritten entries in cursive. Below this is a large table with multiple columns, including 'PARCEL NUMBER', 'AREA', 'CULTURE', 'VALUE', and 'TAXES'. The table contains several rows of data, with handwritten numbers and text. The page is aged and has a yellowish tint.

NAME	ADDRESS	CITY	POSTAL CODE
<i>HALLS</i>	<i>Antonius</i>	<i>Capitum</i>	<i>1000</i>

PARCEL NUMBER	AREA	CULTURE	VALUE	TAXES
<i>234</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>
<i>235</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>
<i>61</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>
<i>50</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>
<i>40</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>
<i>10</i>	<i>1000</i>	<i>land</i>	<i>1000</i>	<i>1000</i>

What if...

...Users and citizens become surveyors?



What if...

...Land uses shift and blend?



What if...

...Need for security of use also is an issue?



What if...

...Developers will be our most important customers and partners?



What if...

...Contracts are digital and are secured by digital trusted third parties?



Impact of Digitization

- Data and information
 - available
 - accessible
 - structured, linked, big data from numerous sources
- Networked society
 - contributors and developers
 - authority primarily based on contribution to the network
 - sharing is the new normal
- Privacy
- Artificial Intelligence

Confidence and Trust

- Confidence
 - information is secure, trustworthy and impartial
 - knowledge is shared
 - continuity is guaranteed
- Inclusiveness
 - open to all stakeholders in society
 - personal rights acknowledged
- Legal and legitimate
 - checks and balances fitting to the digital age
 - rights, restrictions and responsibilities

Taking up our role as Service Provider

- Key-partner in the public-private network related to tenure and use of land and real estate.
- Focus on providing added value to society based on legal and legitimate demands
- Interoperable at levels of data, processes, organisations
- Committed to continuous improvement
- Impartial
- Accountable





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MAY 9 – MAY 15

Smart Surveyors for Land
and Water Management

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