

Conference and Plenary Meeting of the Permanent Committee on Cadastre in the European Union (PCC)

# “Role of National Mapping, Cadastre and Land Registry Authorities in Resilience and Recovery program “

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## Becoming Green, Digital, and Resilient – Implementing the NLS Strategy



REPUBLIC OF SLOVENIA  
MINISTRY OF THE ENVIRONMENT  
AND SPATIAL PLANNING  
THE SURVEYING AND MAPPING AUTHORITY  
OF THE REPUBLIC OF SLOVENIA

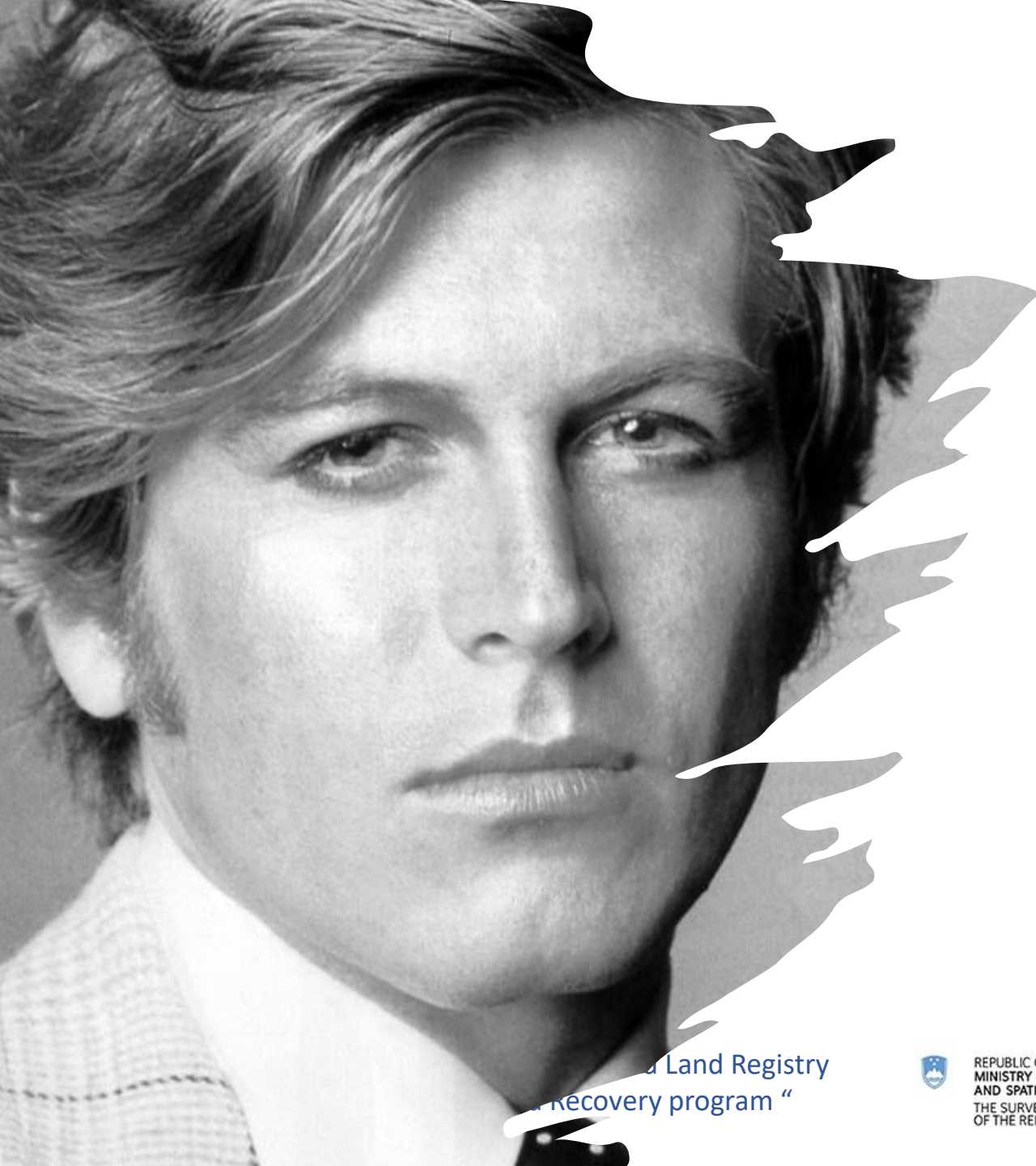


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EuroGeographics

Cadastre and Land Registry  
Knowledge Exchange Network

Joint PCC and EuroGeographics CLRKEN Webinar  
Slovenia, 10. and 11. November 2021



“Optimising history  
does not save you  
today.”

Perusinsinööri Veijo Miettinen, Tekniikka &  
Talous

Land Registry  
recovery program “



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# Content

- What are we talking about
- What are the drivers
- What are the goals
- What are we doing
- Finally

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We work digitally, development of ways of working is strongly connected to development of technology.

Everything that can be will be digitalised. In mechanical and routine tasks we already have robots.

Vesa Lipponen, Acting Director of Information, Ministry of Finance



*Muutos on tapahtunut monille meistä huomaamatta, ikään kuin varkain. Ja se johtuu todennäköisesti siitä, että sama on tapahtunut koko elämällemme.*

# Societal Context in Finland

- Public administration strategy ([strategia](#)) – cooperation, renewal, experimenting, people-centeredness, trustworthiness, and rule of law
- Information policy – openness, interoperability and re-use, MyData, data is foundation; e.g. Usage and opening of data –project ([hanke](#))
- MoF Digi programme – framework for society’s digital development
- Public sector as platform – or enabler
- EU’s [Digital Europe](#) –programme, Open Data Directive, [AuroraAI](#), ...
  
- All these promote and demand digital change!

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# NLS Prerequisites for Digitalisation

- Identification of change needs in legislation
  - Code of Real Estate, digital signatures, automated decision making, ...
- Identification of relevant players, networks, and ecosystems
  - Network- and ecosystem work, customer segmentation, partner network, ...
- Clear strategic goals and action points
  - Creation of common view on future, rolling strategy process, better forecasting, ...
- Development of competencies
  - Enterprise architecture, service design, value flows, enabling jurisprudence, change capacity, technology, analytics, innovation management, ...

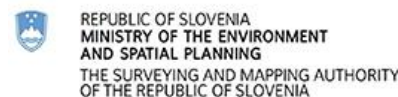
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# NLS Digitalisation Roadmap – Work in Progress

- A tool for managing and communicating digitalisation.
  - Describes the digitalisation vision, needs, and common goals for transforming the activities.
  - Functions as a basis for prioritising development projects.
- Ensures the realisation of the prerequisites of digital change
- Approval December 2021

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# Digitalisation Roadmap Compiles and Communicates

## Planning for the future

- Policies
- Business development needs
- Legislation development needs
- Strategy update needs



## Follow-up, measurement, reporting

- Number of services
- Digitalisation level of services
- Use of digital services
- Productivity of work
- Job satisfaction

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# Digitalisation is Implementation of the NLS Strategy

## Active influencer in ecosystems and networks

- Identification of ecosystems and networks
- Active role in service chains
- Strong will to cooperate

## A sought-after place to work

- Culture of trust
- Agile work
- Modern tools

## High-value and secure services for customers

- Services and products the basis
- Development of value flows and service chains
- Swiftness and real-timeliness

## Widespread implementation of innovations and research results

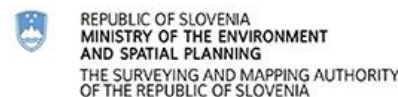
- Experimentation
- Innovation to production

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# What we already do

- Identify networks and ecosystems, customer segmentation
- Service development, e.g. application for title, renewal of data file service
- Digital working environment and ways of working, cloud service strategy
- New model for administering change – from needs to projects
- Machine learning in change detection from remote sensing data
- Processing platform for laser scanning data
- Experimentation culture, e.g. robotics in the land registry process
- Cooperation with municipalities and integrators
- Crowd sourcing - <https://www.maanmittauslaitos.fi/pyykkijahti>

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# Finally – Our Themes for Digital Change

- Make customers' life easier
- Improve productivity
- Increase impact
- Offer meaningful work

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# ADVANCING TOGETHER

