

Futurology supporting decision-making for LA

Experiences from Finland



MINISTRY OF AGRICULTURE AND FORESTRY



Aalto University
School of Engineering



NLS
NATIONAL
LAND SURVEY
OF FINLAND

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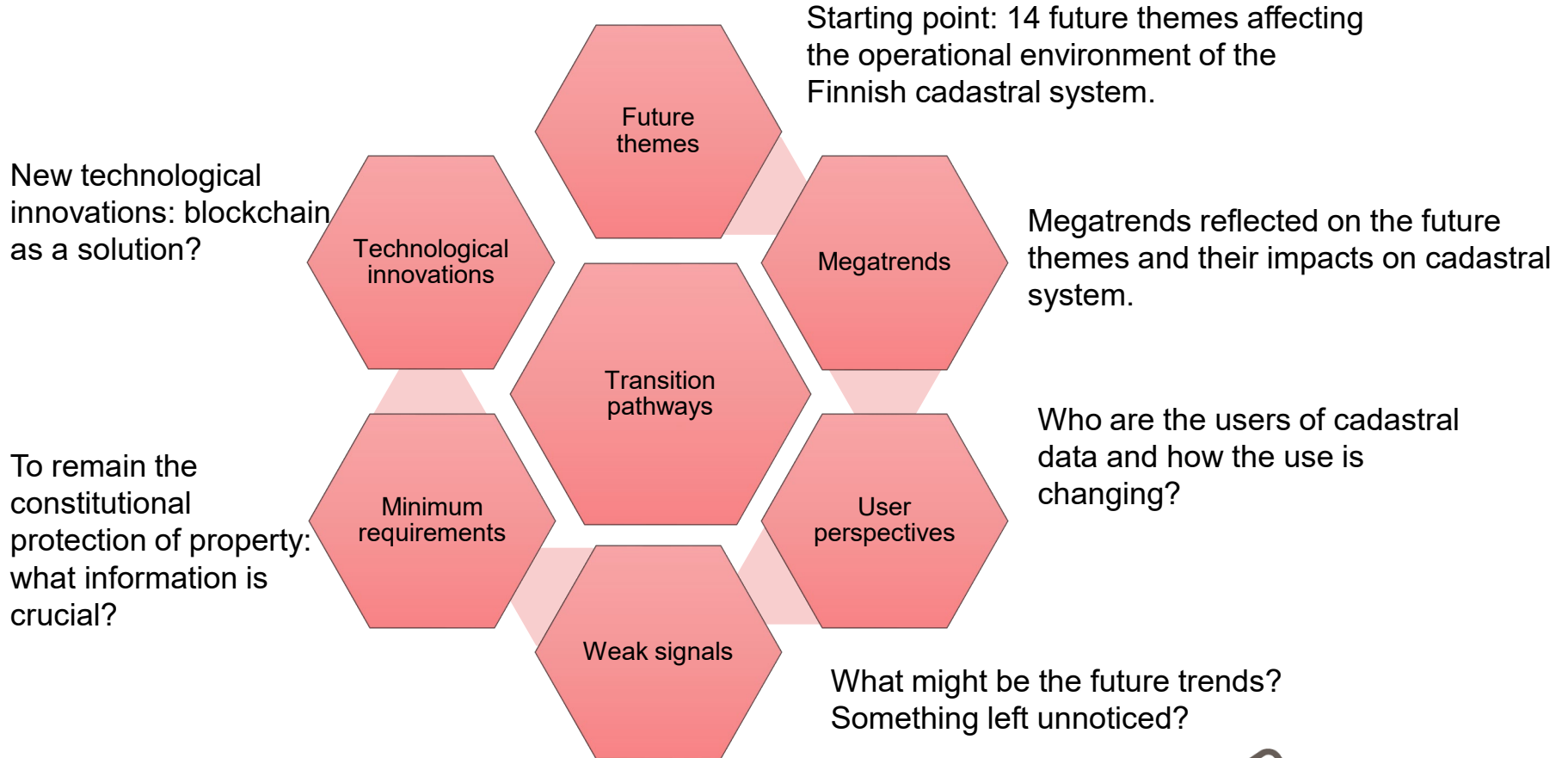
National Land Survey of
Finland

27.2.2019

Background

- Initiative of the NLS, goal to find future information needs for the cadastre
- Funding: the NLS, Ministry of Agriculture and Forestry
- Project started 2016, ends 2019
- Research team:
 - One full-time PhD student
 - Several master students
 - Project coordination and part-time researcher
 - Specialist in future studies (part-time)

Research design



Publications

Krigsholm, P., Ridanpää, K., Riekkinen, K. (forthcoming 2019) Blockchain as a Technological Solution in Land Administration - What Are Current Barriers to Implementation? Paper to be presented at FIG Working Week, Hanoi, April 2019.

Krigsholm, P., Riekkinen, K., Stähle, P. 2018. The changing uses of cadastral information – a user-driven case study. LAND, Vol 7(3).

Krigsholm, P., Zavalova, S., Stähle, P., Viitanen, K. 2017. Understanding the future of the Finnish cadastral system – A Delphi study. Land Use Policy, Vol 68(2017), 133-140.

Ridanpää, K. 2018. Lohkoketjuteknologia kiinteistöjärjestelmän rekisterien hallinnassa. (Blockchain technology in cadastral system's registers – abstract in English). Master's thesis in Real Estate Economics. Aalto University.

Riekkinen, K., Krigsholm, P. 2018. Megatrends shaping the future cadastral systems. The annual World Bank Conference on Land and Poverty, March 2018.

Riekkinen, K., Toivonen, S., Krigsholm, P., Hiironen, J., Kolis, K. 2016. Future themes in the operational environment of the Finnish cadastral system. Land Use Policy, Vol 57(2016), 702-708.

Seppänen, J., Häkkänen, M., Riekkinen, K. (forthcoming 2019) Cadastral system as an element of constitutional protection of property and collateral.

Zavalova, S. 2017. Global driving forces shaping the future of the Finnish cadastral system by 2035: A Delphi study. Master's thesis in Future studies. Turku School of Economics.



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Thank you for your attention!



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