

Integrated Land Development in Finland – Land Consolidation and improving traffic safety as a case

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Maanmittauslaitos

Instructions of the College of the Exchequer (Kammarkollegium) 19 June 1633

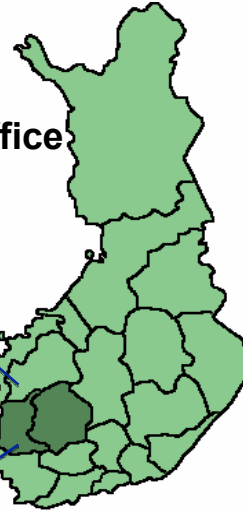
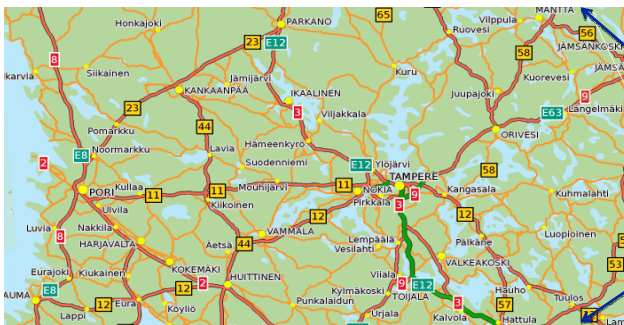
- *Surveyors shall annually, as soon as the land is clean of snow, begin their work and diligently measure in each village all land, both arable and pasture..*
- *During winter, surveyors shall arrive in person with their work to the Exchequer to give an account and to leave their records there for storage.*





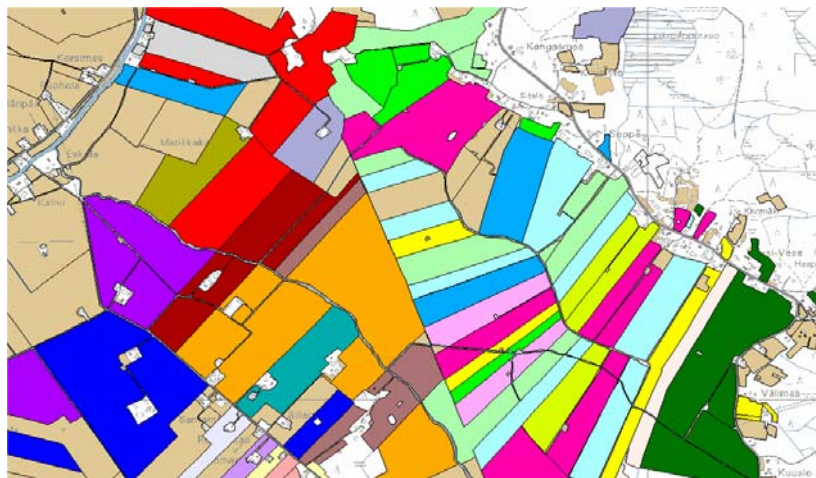
Where I am coming from..

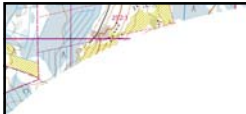
- National Land Survey of Finland
- Pirkanmaa-Satakunta District Survey office / Land Consolidations



Why Land Consolidations?

- Scattered and inefficient parcel structure





MAANMITTAUSLAITOS


How Finland came to this?

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Basic Land Consolidations – 1757-


Land Consolidation Uusjako Nyshifte "New Deal"



MAANMITTAUSLAITOS



Uvilan kunnan Piirilän ym. kylästä käynnissä oleva uusjako. Toimintaa, joka käsitti tiluksia n. 8 000 ha ja jossa oli mukana n. 600 osakasta. Toimintasuunnitelma oli maanmittausinsinööri Kelpo Vahlonen (toimias oikealta). Kuvassa ryhdytään suorittamaan aukulaanasi Bertel Westerlundin (toinen vasemmalla) johdolla jakorajojen käyntiä kyläkeskuksessa.



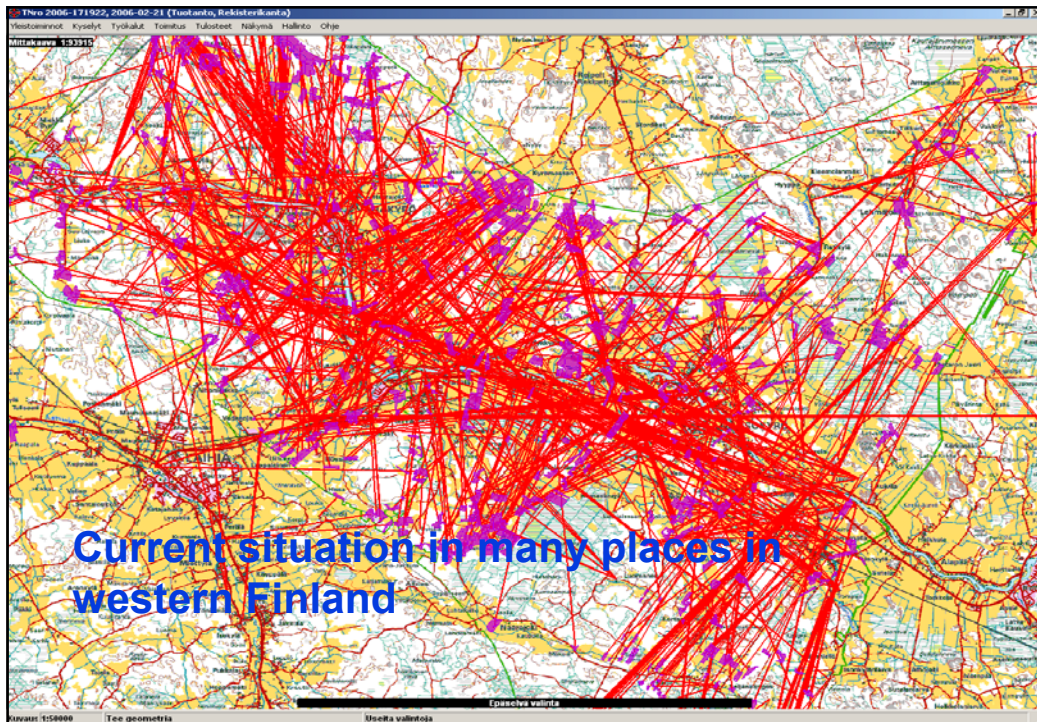


Settlement of Karelians and war veterans 1940 -



Current situation in many places in
western Finland





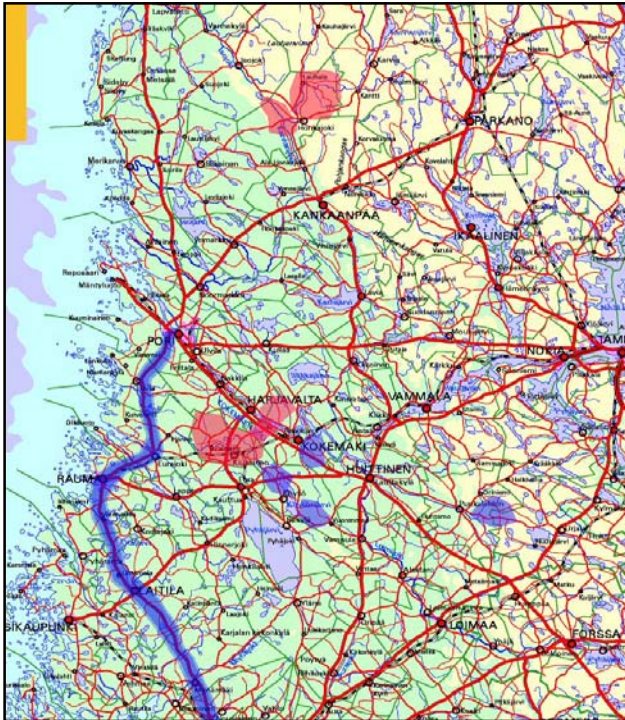


MAANMITTAUSLAITOS

NLS Finland Land Consolidation activity

- **Agricultural Land Consolidations**
 - Structural development of agriculture
- **Multiple task Land Consolidations**
 - Benefits to
 - Agriculture, traffic safety, environment
- **Secondary focus - Forest Land Consolidations**

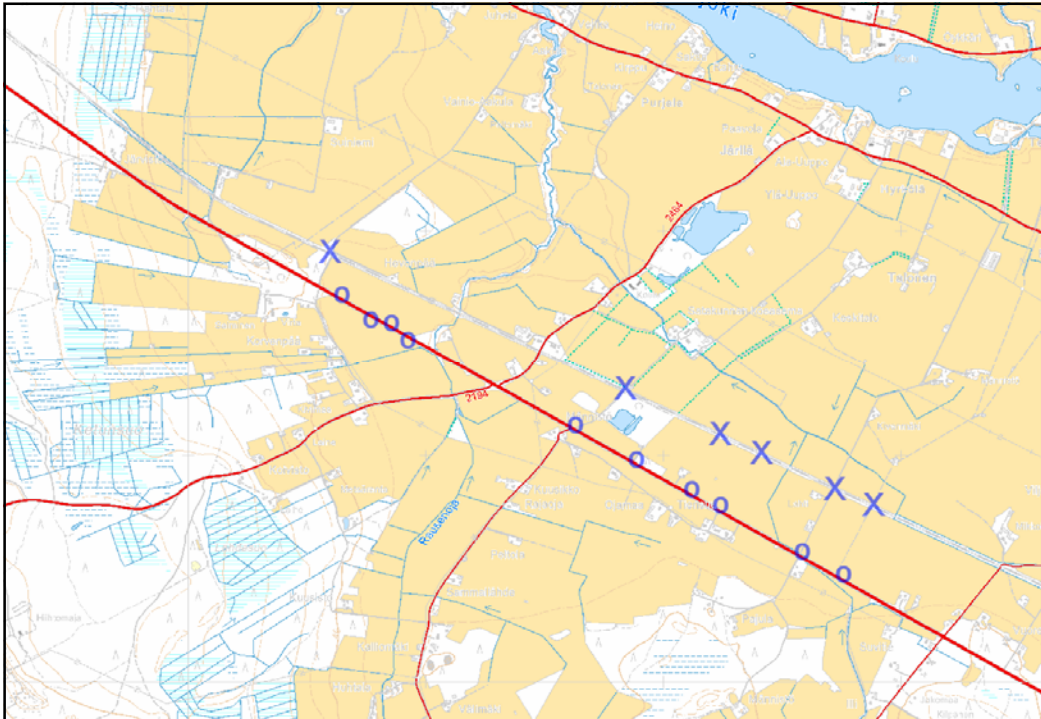
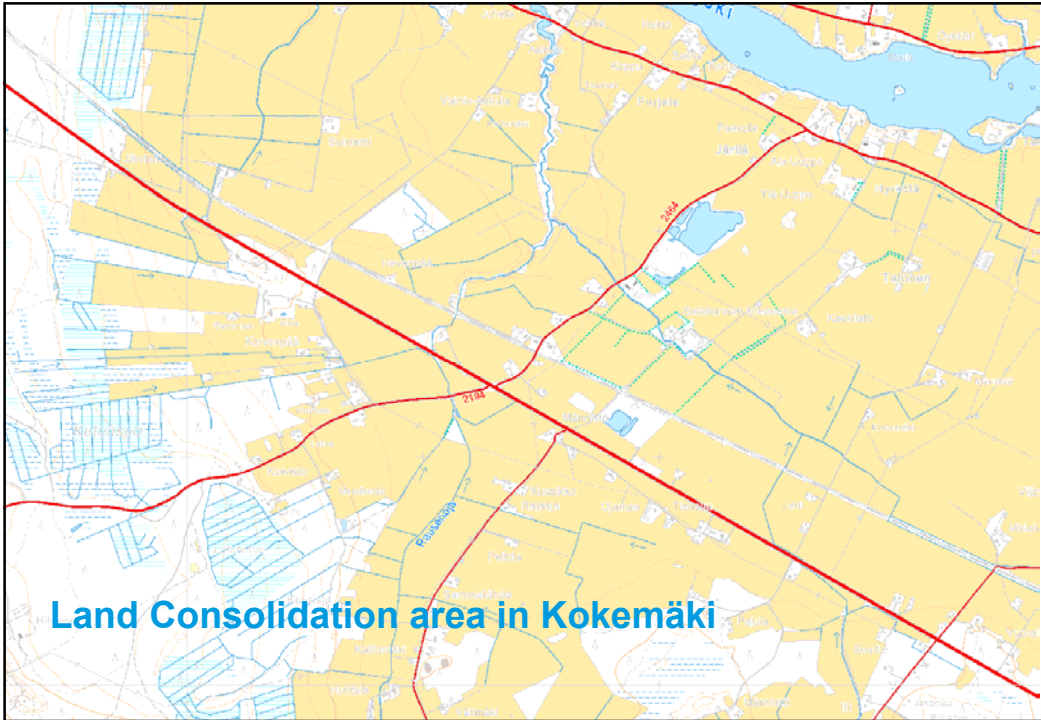
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Land Consolidations in progress in Pirkankanta-Satakunta District Survey office



What can be done to traffic safety with Land Consolidations?

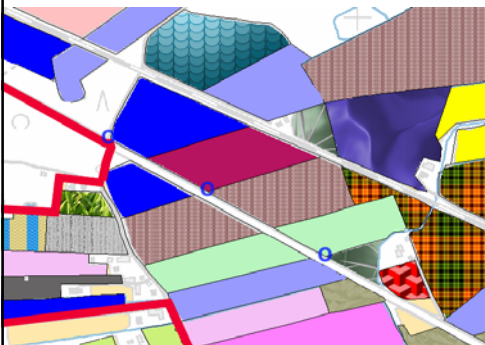




Example of reducing bad sides of abolishing railway junction with LC



How you can reduce agricultural junctions and tractor traffic with Land Consolidations



Thoughts..

- *Land Consolidation is a powerful tool to improve efficiency of land use*
- *Land Consolidation is a way to improve traffic safety*
- *Large possibilities to improve ecological land use*
- *Not fully utilized in Finland or in Europe*

Thank you for your interest!



Kiitos mielenkiinnosta!