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
How Finland came to this?

Basic Land Consolidations – 1757-
Land Consolidation
Uusjako
Nyshifte
”New Deal”

Crofter liberation
1918 -
Settlement of Karelians and war veterans
1940 -

Current situation in many places in western Finland
Current situation in many places in western Finland

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
Land Consolidations in progress in Pirkanmaa-Satakunta District Survey office

What can be done to traffic safety with Land Consolidations?
Land Consolidation area in Kokemäki
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!