The Rearrangement of the Leasehold Agreements as an Alternative to the Land Consolidation

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Presentation outline

- The aim of this presentation is to introduce an idea – how to improve the spatial structure of land holdings if large areas are used on the basis of leasehold

1. Description of the problem (some spatial properties of present agricultural land holdings)

2. The possible ways to solve the problem (or mitigate at least)
Some background information

• Main data sources:
  – Cadastral data
  – ARIB (Agricultural Registers and Information Board) data about applications to get the subsidies

• ArcGIS software (overlay manipulations and spatial queries)

• Land holding – land in ownership + leased land
The land holding of producer A

130 ARIB parcels, total area 2477 ha, convex hull area 20553 ha, 897 different properties inside convex hull
The land holdings of producers A and B

61 ARIB parcels, total area 835 ha, convex hull area 6716 ha, 363 different properties inside convex hull
The land holdings of producers A, B and C

11 ARIB parcels, total area 80 ha, convex hull area 775 ha, 57 different properties inside convex hull
The land holdings of producers A, B, C and D
The land holdings of producers A, B, C, D and E
The land holdings of investigated producers and arable land plots of other land holdings
All Convex Hulls in the Study Region
Why not land consolidation?

• One precondition for the successful land consolidation is active participation of owners

• Owners are not users in many cases – they are disinterested in land consolidation

• The rearrangement of the leasehold agreements could improve the land use conditions of many landholdings – but the appropriate system is needed for that
The system for the rearrangement of the leasehold agreements

- Examination of the situation
- Preparation of proposals for re-arrangement of the land lease agreements
- Mediation between owners and users

Database of land owners, land users and land parcels
What is needed to make the system operational

• The interest of users to make changes
• Data(base) of leasehold agreements
• The readiness of owners to make changes
• Ability of mediating institution to manage the process
  – The professional qualification similar to land surveyor making land consolidation
Lastly

• There are many problems to solve and obstacles to overcome

• Further study of the topic is needed

• However – it is definitely clear that nothing will happened if we don’t try to make it happened
Thank you for your attention!

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