

Generic Tooling for Land Consolidation – the Concept Explained

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Key words: e-Governance; Land management; Spatial planning; Land consolidation; GIS

SUMMARY

As an instrument for rural development, land consolidation is applied in various countries. The process of exchanging land rights is quite complex, depending on the number of participating stakeholders involved, the quality of the land administration, parcelling, natural characteristics of the landscape and the like. A digital system that captures administrative information (both geographical and non-geographical information) is much needed to conduct the tasks throughout the land consolidation process. Such a system will also be of great value to guarantee legal certainty for those right holders involved, as well as to foster an efficient and transparent land consolidation process.

Since there is currently no standard system on the market, most countries employing land consolidation have developed a customised digital system to manage the geographical administration throughout a project. As the main principles of land consolidation across various practices are the same, we would like to investigate whether it is possible to develop a generic tool that can be employed in different countries, with different legal frameworks, different traditions regarding land consolidation, and different aims. This will both benefit countries that already have adopted land consolidation, as well as those who are about to adopt land consolidation but have not developed a digital system yet.

In this paper we will describe the underpinning concept of such a generic tool for land consolidation, explain how it should work, how it can be adapted to the various use contexts, and we will further elaborate on needed functionality.

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FIG Working Week 2020
Smart surveyors for land and water management
Amsterdam, the Netherlands, 10–14 May 2020