

A Generic Tooling for Land Consolidation – The concept implemented

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SUMMARY

For the previous FIG Working Week scheduled in Amsterdam in 2020, we submitted a paper that explained the concept of a generic tool for land consolidation projects. Since then, the concept was further elaborated based on qualitative interviews with international experts in the field of land consolidation and a discussion thread via social media. Building on the previous paper, this paper will describe the findings and further elaborates the concept. Such a generic tool that can be adjusted or configured to local land consolidation context (e.g. legislation, institutions, land administration systems, tenure) will be valuable for all actors wishing to support land consolidation with a digital tool upon project implementation. With so-called ‘swim-lane’ diagrams, processes and tasks of actors can the use case be visualised in a relatively simple way. To show varieties in land consolidation practice two different use cases in ‘swim-lane’ diagrams are included to describe a project from start to end. Then, two or three essential steps in the process were chosen to further detail in separate ‘swim-lane’ diagrams. Such diagrams help to discuss variations and commonalities across countries and continents upon the implementation of land consolidation. As such, these diagrams are a useful tool to develop towards a ‘proof of concept’, i.e. developing models, build a piece of software, to validate the concept and that will showcase the potential (and perhaps pitfalls) of a generic tool for land consolidation.