

Fit-for-Purpose Land Administration in Practical Application

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SUMMARY

World Bank and the International Federation of Surveyors (FIG) address the issue of building and sustaining land administration systems that are basically fit-for-purpose rather than blindly complying with top-end technological solutions and rigid regulations for accuracy in various publications over recent years. This concept calls for a flexible and pragmatic approach rather than requirements imposed through rigid regulations, demands for spatial accuracy and systems that may be unsustainable for less developed countries dependent on donor funding. Of course, such flexibility allows for land administration systems to be incrementally improved over time, should it be found necessary.

This paper presents a practical implementation of the key elements of a fit-for-purpose approach: flexible, inclusive, participatory, affordable, reliable, attainable and upgradable. The focus lays on merging the benefits of satellite imagery, automated processing and extracting parcel information, GNSS based ground data collection by professional surveyors and crowdsourcing local communities in an integrated field-to-finish land administration solution. At the end it highlights the need to design the upgradability of the initial implementation into the whole solution from the beginning.