

Fit-for-Purpose Spatial Technology for Land Administration

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SUMMARY

LADM (Land Administration Domain Model) provides a recognized world standard for land administration systems. Combined with new spatial technologies enables an easily deployed land tenure system to support rapid urbanization and countries in transition. Challenges in the past include how to build systems that are both sustainable from a technology and a human resource perspective, rapid implementation at low cost, and deliver geospatially accurate results. Complex, custom developed software systems were developed, but after several years became very difficult and expensive to staff and maintain.

New technology enables new, smart ways to develop, deliver and sustain cadastral and land tenure systems. This presentation will discuss new and innovative spatial platform and app technologies for collecting information from disconnected crowd-sourced models to fully deployed survey-accurate cadastral systems, and how to design, build, scale and maintain sustainable land systems today and to evolve and support the smart city of tomorrow.