The **its4land land administration toolbox** delivers a suite of land tenure recording tools and consulting services which respond to the Sub-Saharan Africa needs to rapidly map millions of unrecognised land rights.

- **Smart Sketchmap (Smart SkeMa)** to record aspects of people to land relationships where the spatial component is captured using hand drawn sketch maps and described in a qualitative way (not surveyed) and then automatically transformed for further usage in a GIS.

- **Semi-automatic visible boundaries delineator** which facilitates image-based cadastral mapping by extracting visible boundaries automatically and by supporting the delineation procedure.

- **Needs assessment**: Interactive workshops to collect data of specific needs, market opportunities, and readiness of end-users in the domain of land tenure information recording.

- **UAV-based data acquisition** guidelines and customizable workflows in the context of land administration.

- **Governance and capacity development models** for the use of geospatial tools.

**Project Facts**

**CALL**: Collaborative Projects Call 2 - ICT12  |  **EXECUTION**: From February 2016 to February 2020  
**COORDINATOR**: Mila Koeva (University of Twente)  
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