Tenure Security as a Service

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SUMMARY

Registration of land rights (both formal and informal) is a starting point for the majority of the goals as formulated by the United Nations in the so called Sustainable Development Goals (SDG's) for 2030. For example, registered land rights are essential to end poverty (goal 1), to have gender equality (goal 5) and to work on climate change (goal 13). Tenure security can be seen as a prerequisite for sustainable development.

The present technology and data availability is enormous. Satellite imagery, GPS and a connected world through Internet give opportunities that weren't thinkable just a few decades ago. Standards like the Land Administration Domain Model (LADM) allow for a jump start of new initiatives and the connection between top-down and bottom-up initiatives. Also the knowledge, tools and experience evolve at exponential rates. For example the Voluntary Guidelines (VGGT) and the recently published Guiding Principles on Fit For Purpose Land Administration allow for well-designed systems with respect to the legal, spatial and institutional framework. Making use of modern technology, services can be developed accordingly.

Another fast developing aspect in our profession, is the societal demand. Developments that will be discussed are:

• ☐ The internet of moving things

• ☐ How contributors become developers in the value chain

• ☐ New ways to make data

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accessible

• The shift in societal focus from ownership to use

The changing need for privacy, data accessibility and new services might be is pace with technological development, it is largely impossible to keep up the organisational development to these changing demands. We have to adapt. Sharing and networking become new competences in our business processes and cadastral organisations evolve from data providers to information providers, to service providers.

In this paper a strategic reconnaissance for the Netherlands is presented. It describes how our professional environment continuously changes and what the impact is – opportunities and threats - to the national Cadastre, land Registry and Mapping Agency of the Netherlands (in short: Kadaster).

It is our challenge to provide society with stability and security in this changing world. To do this, it is necessary to explore new ways to do our work and become service oriented. At the same time, we have to stick to the core values of our profession. Tenure security is about providing trust; Trust in the government or trust in the community. At the same time the management of land, space and natural resources demands for an approach where inclusiveness of all stakeholders in society is key.