LADM-based Software

Just 18 months on from the publication of the ISO 19152 Land Administration Domain Model (LADM) at the end of 2012, it is becoming increasingly widely used. FIG initiated the development of this ISO standard.

The Global Land Tool Network (GLTN/UN Habitat) [www.gltn.net] has announced the release of version 1.0 of the Social Tenure Domain Model (STDM) tool, including its source codes. The land tool is a product of several years of conceptualisation, design, development, field testing and implementation by various GLTN partners. It is one of the flagship land tools that GLTN is developing to promote the continuum of land rights approach and to offer an alternative and affordable land information tool to strengthen tenure security, improve livelihoods and empower poor communities. It was officially launched at the 25th Congress of the International Federation of Surveyors (FIG) on 20 June 2014 in Kuala Lumpur, Malaysia.

The Solutions for Open Land Administration (SOLA) project [www.flossola.org] is aimed at making a computerised cadastre and registration system more affordable and more sustainable in developing countries through free, open-source software. The software is supported by FAO and is based on international good practice for service delivery, responsible governance of tenure (including transparency of process and transparency of tenure details), robust data management and the need for enterprise scale software. The underlying data structures used by the SOLA software are also based on the LADM.

STDM Review

Before the release, FIG included seven expert reviewers in undertaking a review of the software. FIG's conclusions were that the STDM is a pro-poor, participatory and affordable land tool. It is an alternative and/or another option to 'doing business' in the land sector and has the potential to provide security of tenure at scale due to its innovative approach, which is embodied in:

- its affordability (it uses free and open software packages)

- its flexibility in terms of use and application (it can be applied in various contexts and complements other tools)

- its simplicity (so that non-technical people can use it)

- its inclusivity, having a pro-poor focus (it targets the poorest of the poor, such as slum dwellers, small landholders, etc.)

- its good governance principles (participation, responsiveness and transparency).

FIG Annual Review 2013 Now Available

The FIG Annual Review provides an overview of the activities of the federation in the last year. The review of 2013 can now be downloaded from the FIG website [www.fig.net]. Hard copies will be mailed to all members.

https://www.gim-international.com/content/article/ladm-based-software