

Land Administration Domain Model



In European countries there has been a comprehensive conversion of cadastral maps and land information from analogue to digital form, for several decades. After conversion there has been harmonization using internal and external data models, data quality has been improved, digital workflow introduced and new digital products and services are offered to users in the society.

Harmonization of spatial data is a policy in the European Union in support to the implementation of environmental policies, and the cadastral parcel is a core element here. The INSPIRE directive is under implementation, and "cadastral parcels" is one of the harmonized data sets. In the workshop different aspects of a Land Administration Domain Model will be presented and discussed. The recent acceptance of FIG's LADM by ISO is a good occasion to take a closer look.

What are the consequences at national level, and what are the consequences for the surveyors?

Interesting readings to prepare yourself:

From different worldwide sources

FIG http://www.fig.net/news/news_2011/ladm_feb_2011.htm

ISO http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=51206

Wiki: <http://wiki.tudelft.nl/bin/view/Research/ISO19152/WebHome>



International workshop held 2012 July 6 in Rotterdam:

<http://www.itc.nl/Pub/News/in2012/in2012-August/Land-Administration-Domain-Model-from-Research-to-Implementation.html>

Presentations from this workshop can be found here:

<http://wiki.tudelft.nl/bin/view/Research/ISO19152/WorkshopLADMPresentations>

Research in the field

Christiaan Lemmen, PhD thesis:

http://www.itc.nl/library/papers_2012/phd/lemmen.pdf

Jesper Paasch, PhD thesis:

<http://kth.diva-portal.org/smash/record.jsf?pid=diva2:537567&rvn=1>

Enjoy your research and reading.

Leiv Bjart Mjøs
Vice President
Moderator

Jean-Yves Pirlot
President