

FIG

FIG WORKING WEEK 2017

Helsinki Finland

29 May - 2 June 2017



Surveying the world of tomorrow -
From digitalisation to augmented reality

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Review 2016 and Outlook 2017

Working Group 7.1 – Fit-For-Purpose Land Administration

Helsinki, Finland, May 31st 2017

Christiaan Lemmen



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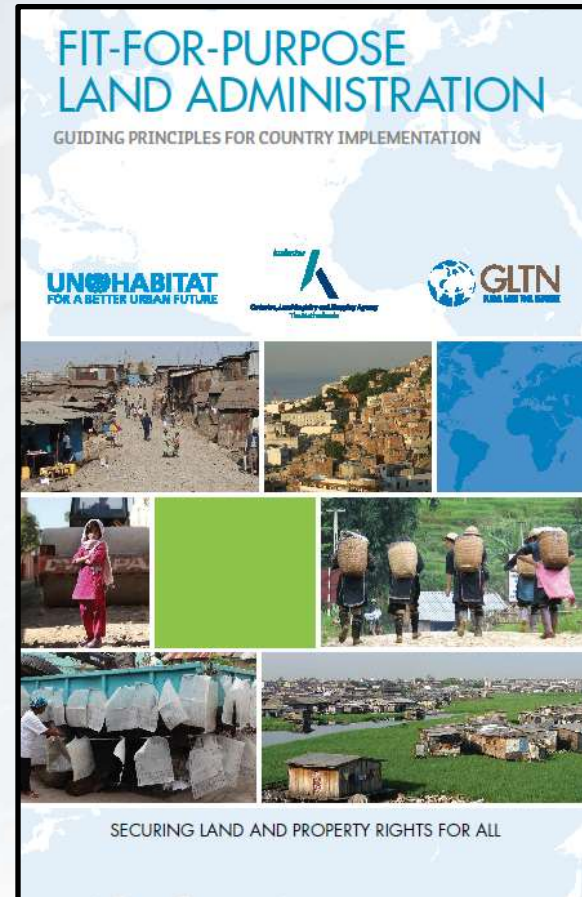
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Review 2016 - 2017

Fit For Purpose guidelines
(Enemark, McLaren, Lemmen)
have been launched



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Review 2016 - 2017

Preparations for the development
of the Land Administration Domain Model
ISO 19152, Edition II

Operationalisation of LA Standards with OGC



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Expert Group Meeting
Land Administration and Management
14 and 15 March 2017
Delft - The Netherlands



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

ggim.un.org

LADM Workshop 16 and 17 March 2017



LADM Edition II

- Further modelling LADM's rights, restrictions, responsibilities (RRRs)
- Fiscal/valuation extension module
- LADM in support to Marine Cadastre
- More explicit relations with Building Information Modelling (BIM)
- CityGML, IndoorGML, InfraLand (InfraGML), LandXML – RRR as link!
- Further modelling of LADM's survey and spatial representation
- 3D/4D Cadastre
- Processes
- Indicators

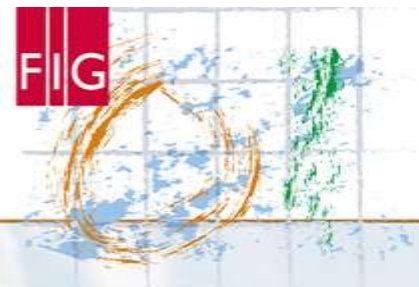


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Review 2016 - 2017

Symposium on
Land Consolidation and Readjustment
for Sustainable Development
from 9 – 11 November 2016
Apeldoorn, The Netherlands

Apeldoorn Declaration with
FIG, Landnet, FAO, Worldbank, GLTN



Apeldoorn Declaration on Land Consolidation and Land Readjustment for Sustainable Development

We, participants of the International Symposium on Land Consolidation and Land Readjustment, organised in Apeldoorn, The Netherlands, 9 to 11 November 2016; hereby issue the Apeldoorn Declaration on Land Consolidation and Land Readjustment for Sustainable Development.

Land consolidation involves according to FAO: "(...) measures to adjust the structure of property rights through co-ordination between owners and users. Land consolidation involves the reallocation of parcels to remove the effects of fragmentation but the term goes well beyond these actions. Land consolidation has been associated with broad economic and social reforms from the time of its earliest applications". This definition does not exclude any objectives of land consolidation nor does it promote specific approaches.

Land readjustment involves according to UN Habitat/GLTN: "the pooling of all the land parcels in a particular area and planning them as a unit - putting in roads, sewerage and other infrastructure - and then dividing up the land again to the original land owner or user". A proportion of the land is used for roads and public space. Each landowner and land user gets a plot back which is usually smaller than the one he or she originally contributed to the common pool. If the plot is now more valuable, it has infrastructure and services, and has formal documentation, the area has been re-zoned, and different types of use are permitted.

Land consolidation and land readjustment are both umbrella concepts about the exchange of land rights that can be adapted according to context. Comprehensive, fit-for-purpose, participatory, and inclusive approaches in land consolidation and land readjustment are promoted and should be followed.

The participants declare:

The Voluntary Guidelines, the Sustainable Development Goals and the New Urban Agenda should guide the application of Land Consolidation and Land Readjustment.

The VGGTs reflect to a plurality of tenure types that are relevant in negotiations around and planning for land consolidation and land readjustment: "States should recognize and respect all legitimate tenure right holders and their rights. They should take reasonable measures to identify, record and respect legitimate tenure right holders and their rights, whether formally recorded or not; to refrain from infringement of tenure rights of others; and to meet the duties associated with tenure rights". In this respect the participants also refer to the UN 2030 Agenda for Sustainable Development (the Sustainable Development Goals - SDGs) and in particular SDG 1.4, and the relevant indicator 1.4.2, which reads: "Proportion of total adult population with secure tenure rights to land, with legally recognized documentation and who perceive their rights to land as secure, by sex and by type of tenure". Also the New Urban Agenda refers to this: "We commit to promote, at the appropriate level of government, including sub-national and local government, increased security of tenure for all, recognizing the plurality of tenure types, and to develop fit-for-purpose, and age-, gender-, and



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Review 2016 - 2017

Presentations and publications



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Outlook 2017 – 2018

- Co authoring a White Paper on operational standards for land administration (first discussion at a pre conference event at the World Bank Conference on Land and Poverty 2017)
- Co editing of LADM Edition II Development with ISO
- Cooperation YSN on standardisation of the STDM during the FIG Working Week 2017
- Fit-For-Purpose Event in Nairobi
- Annual Meeting 2017?



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FIG WORKING WEEK 2020
MAY 9 – MAY 15



Smart Surveyors for Land
and Water Management

