

Expert Group on Land Administration and Management

Agenda item 11
Seventh Session Committee of Experts
August 3, 2017

Kees de Zeeuw - The Netherlands
Mahashe Chaka - Lesotho



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

ggim.un.org

Objectives

Expert group on Land Administration and Management (UN-EG-LAM)

- Play a leading role at the policy level by **raising political awareness** and highlighting the importance to decision makers of the need for timely and fit for purpose land administration and management and;
- **Encourage the use of geospatial information** tools and systems to improve the legal certainty of all citizens in the world with respect to the **registration of the relation between people and land.**



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org

Work accomplished in 2016/2017

(Based on decision 6/108 – 2016)

- Membership and organisation
- Addressing the issue of Fit-for-Purpose Land Administration
- Focus on a framework for Land Administration
- Need for global insight: Indicators and Land Tenure Atlas

- Expert Group Meeting in Delft, The Netherlands
- Contribution to Indicator SDG 1.4.2.
- Work program 2017/2018



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org

Members UN-EG-LAM

- 1) Belgium
- 2) Burkina Faso
- 3) Canada
- 4) Chile
- 5) China
- 6) Finland
- 7) Guyana
- 8) Lesotho
- 9) Mexico
- 10) The Netherlands
- 11) Norway
- 12) Republic of Korea
- 13) Singapore
- 14) Spain
- 15) Sri Lanka
- 16) Suriname
- 17) Sweden
- 18) United Kingdom
- 19) Croatia (in process)
- 19) International Hydrographic Organization
- 20) Food and Agriculture Organization of the United Nations
- 21) United Nations Economic Commission for Europe (Working Party on Land Administration)
- 22) United Nations Human Settlement Programme (Land and Global Land Tool Network Unit)
- 23) World Bank
- 24) Global Spatial Data Infrastructure Association
- 25) International Federation of Surveyors
- 26) Open Geospatial Consortium
- 27) Environmental Systems Research Institute, Inc.
- 28) UN-GGIM: Private Sector Network (Hexagon Geosystems)



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org

Issues for Geospatial Information Management

- Data, knowledge & experience
- Standards (ISO, OGC, LADM/STDM)
- Methods & guidelines (Fit for Purpose LA, VGGT)
- Tools (UN, Open Source, commercial)
- Infrastructure (Governments, communities)
- Cases and best practices
- Indicators, targets, global insight
- Partnership, awareness, leadership & finance



Applications LADM/STDM

Known examples:

- Albania, Bangladesh, Belize, Brazil, Canada, Colombia, Croatia, Czech Republic, Cyprus, Ethiopia, Eastern Caribbean, Eastern DR Congo, Greece, Honduras, Indonesia, Kenya, Lesotho, Malaysia, Mozambique, Montenegro, Nepal, Nigeria, Philippines, Poland, Portugal, Senegal, Serbia, South Korea, Turkey, Uganda, Vietnam, Zambia ...



Source: <http://wiki.tudelft.nl/view/Research/ISO19152/LadmPublications>

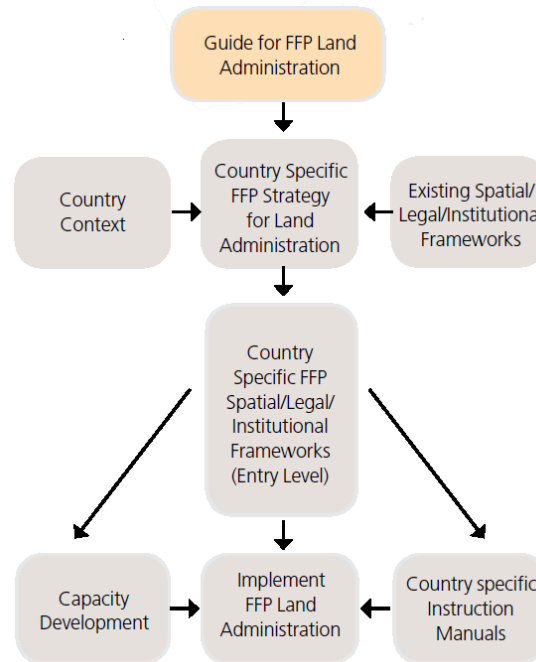


Fit for Purpose Land Administration

Examples:

- Colombia
- Nepal
- Mozambique
- Indonesia
- Togo
- Kenya
- Canada

..... and many more



We offer three kinds of service:
GOOD - CHEAP - FAST
You can pick any two

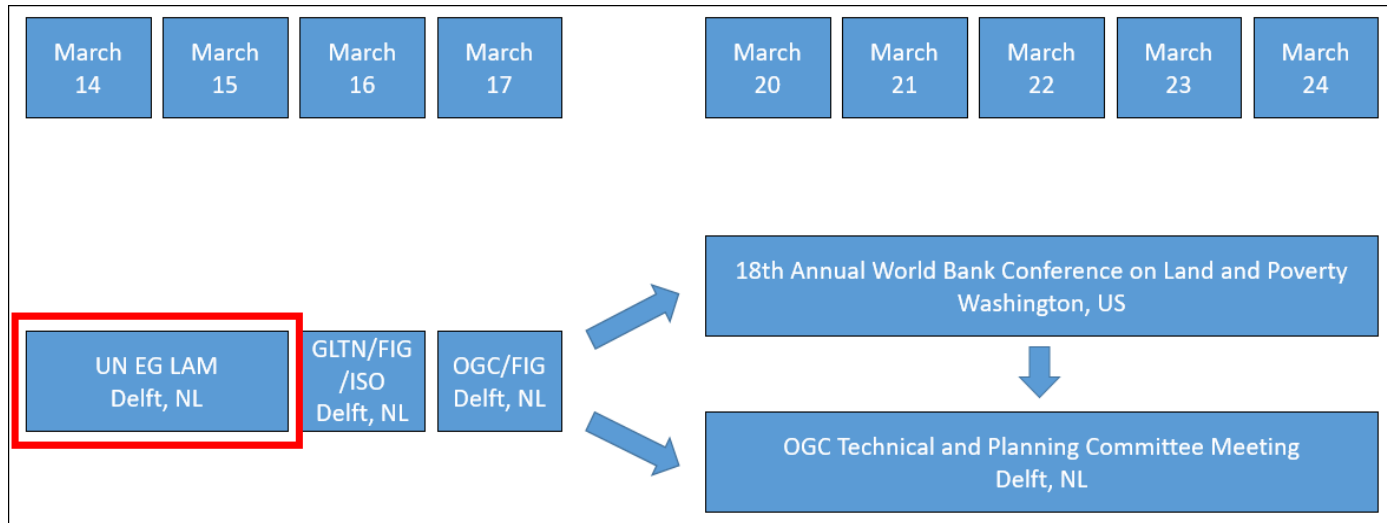
GOOD service **CHEAP** won't be **FAST**

GOOD service **FAST** won't be **CHEAP**

FAST service **CHEAP** won't be **GOOD**



Expert Group Meeting Delft – The Netherlands, March 2017



Results and follow-up

- LADM standard revision as a joint activity



- Method development for global Land Tenure Atlas
- OGC White paper (DWG Land Administration)
- UN-GGIM: member state awareness



Indicator for SDG 1.4.2.

- Barcelona, July 6 – 7, 2017
- Tier 3 indicator development (no method, no data)
- World bank, GLTN (UN-Habitat) as custodians
- UN-EG-LAM links indicator to nations



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org

Meetings during CoE meeting 2017

- Side event Land administration and Management (1/8/17)
 - State of play Land Administration development
 - Standards development in partnership
 - Best practices (Example: Canada)
 - Method for Land Tenure Atlas
- Fourth Expert Group meeting (3/8/17)
 - Follow-up Third EGM
 - Workplan 2017/2018
 - Organisational and planning issues Expert Group



Working plan 2017/2018 ⁽¹⁾

- **Establish a liaison group** to support the upcoming ISO-TC211 and OGC revision of ISO 19152 – Land Administration Domain Model.
- **Develop a global framework** for land administration that captures key elements or principles essential for an efficient, effective and sustainable land administration system that will provide tenure security for all.
- **Organize meetings** on key elements or principles of geospatial information management for land administration.
- **Provide guidance for appropriate methodological approaches and standards** that will accelerate the proportion of global population's relationship to land that will be documented, recorded and recognized, currently estimated at 25%-30%.



Working plan 2017/2018 ⁽²⁾

- The expert group are to **facilitate information sharing** including benefits and challenges, considering “fit-for-purpose” aspects, digital land registers, cadasters, and other land data needs, demonstrating practical examples of land administration success stories.
- The expert group members are to **contribute to the discussions** of flexible, inclusive, participatory, affordable, reliable, attainable and upgradeable approaches for land administration.
- **Support efforts to improve and accelerate the proportion of global population’s relationship to land** that will be documented, recorded and recognised (SDGs Indicator 1.4.2).



Points for discussion

The Committee is invited to:

- Take note of the report, express its views and provide guidance to the expert group;
- Take note of the current composition of the expert group; and
- Consider, express its views and endorse the work program of the expert group for the 2017-2018 biennium.



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org