Fit-For-Purpose geospatial information to secure land and property rights for all

Side event on Land Administration and Management
Sixth Session Committee of Experts, 2 August 2016
Kees de Zeeuw, The Netherlands
Geospatial information for land administration and management

We need to act fast, cheap and good
Land and property rights for all

- Data management and standards
- Methods
- Tools and infrastructure
- Best practices and indicators
- Organisation, leadership & finance
class Classes of LADM

LA_SpatialUnit
LA_Party
LA_RRR
LA_BAUnit
LA_GroupParty
LA_PartyMember
LA_Right
LA_Restriction
LA_Responsibility
LA_Mortgage
LA_AdministrativeSource
LA_SpatialSource
LA_SpatialGroup
LA_LegalSpaceBuildingUnit
LA_LegalSpaceNetwork
LA_SpatialUnitGroup
LA_Level
LA_BoundaryFace
LA_BoundaryFaceString
LA_Point
LA_Source
LA_SpatialUnit
LA_SpatialUnitGroup
LA_LegalSpaceBuildingUnit
LA_LegalSpaceNetwork
LA_SpatialUnitGroup
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Methods (Fit for Purpose, VGGT)

**Spatial Framework:**
- Aerial imageries country wide
- Participatory field adjudication
- Incremental improvement
- Continuum of accuracy

**Legal Framework:**
- Enshrine FFP approach in law
- Secure all land rights for all
- Human rights, gender equity
- Continuum of tenure – STDM

**Institutional Framework:**
- Holistic, transparent & cost effective
- Sustainable IT-approach
- Ongoing capacity development
- Continuum of services

**Fit-For-Purpose Land Administration**

**KEY PRINCIPLES**
- Visual boundaries
- Accuracy relates to the purpose
- Aerial imageries rather than field surveys
- Opportunities for updating, upgrading and improvement
Boundaries

Visual boundaries

Fixed boundaries

http://www.nzplantpics.com/pics_hedges/prunus_larocerasus_fruit_small_01.jpg

Land Rights  Right holders  Spatial units  Acquisition Methods  Land Recordation  Purpose

- Criteria: Quality, cost, time
- Requirements: standards (LADM), Software, Capacity
Country implementation

Guide for FFP Land Administration

Country Specific FFP Strategy for Land Administration

Existing Spatial/Legal/Institutional Frameworks

Country Specific FFP Spatial/Legal/Institutional Frameworks (Entry Level)

Capacity Development

Implement FFP Land Administration

Country specific Instruction Manuals

http://www.nzplantpics.com/pics_hedges/prunus_laurocerasus_rotundifolia_hedge_small_01.jpg
Example 1
Colombia: Paper
Example 2
Colombia: App
Guiding principles

The authors: Stig Enemark, Robin McLaren and Chrit Lemmen

Download the book at www.gltn.net