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2018  
ISTANBUL

# XXVI FIG CONGRESS

6-11 May 2018, İstanbul



*Presented at the FIG Congress 2018,  
May 6-11, 2018 in Istanbul, Turkey*



EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT:  
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# Bridging the security of tenure gap: Fit for Purpose initiatives

Kees de Zeeuw, Paula Dijkstra, Chrit Lemmen,  
Mathilde Molendijk and Christelle van den Berg  
Kadaster International, The Netherlands



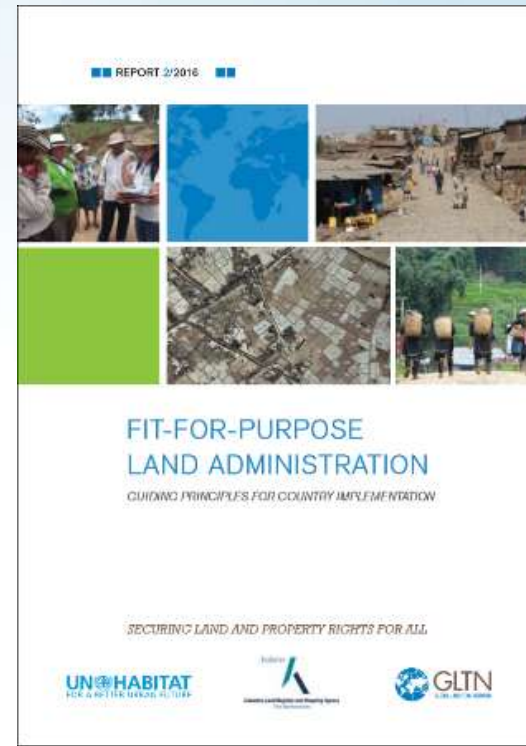
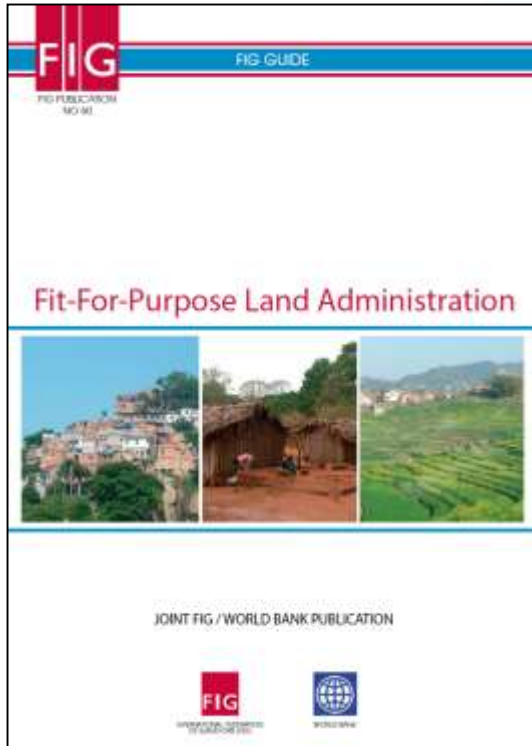
# The security of tenure gap to be bridged ...

	Total	SSA	ECA	LAC	MNA	OECD	SAS	EAP
Private plots in city registered	0.22	0.04	0.32	0.03	0.14	0.68	0.25	0.24
Private plots in city mapped	0.46	0.13	0.60	0.31	0.48	0.97	0.25	0.52
Private plots in country registered	0.22	0.04	0.32	0.03	0.14	0.68	0.13	0.24
Private plots in country mapped	0.24	0.02	0.40	0.03	0.14	0.71	0.13	0.28
No. of countries	189	47	25	32	21	31	8	25

Source: K. Deininger – World Bank (2017)

SSA – Sub-Sahara Africa  
 ECA – Europe and Central Asia  
 LAC – Latin America and the Caribbean  
 MNA – Middle East and North-Africa  
 SAS – South Asia  
 EAP – East Asia and the Pacific

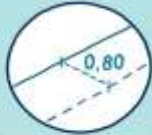
# Fit For Purpose Land Administration



## KEY PRINCIPLES



visual  
boundaries



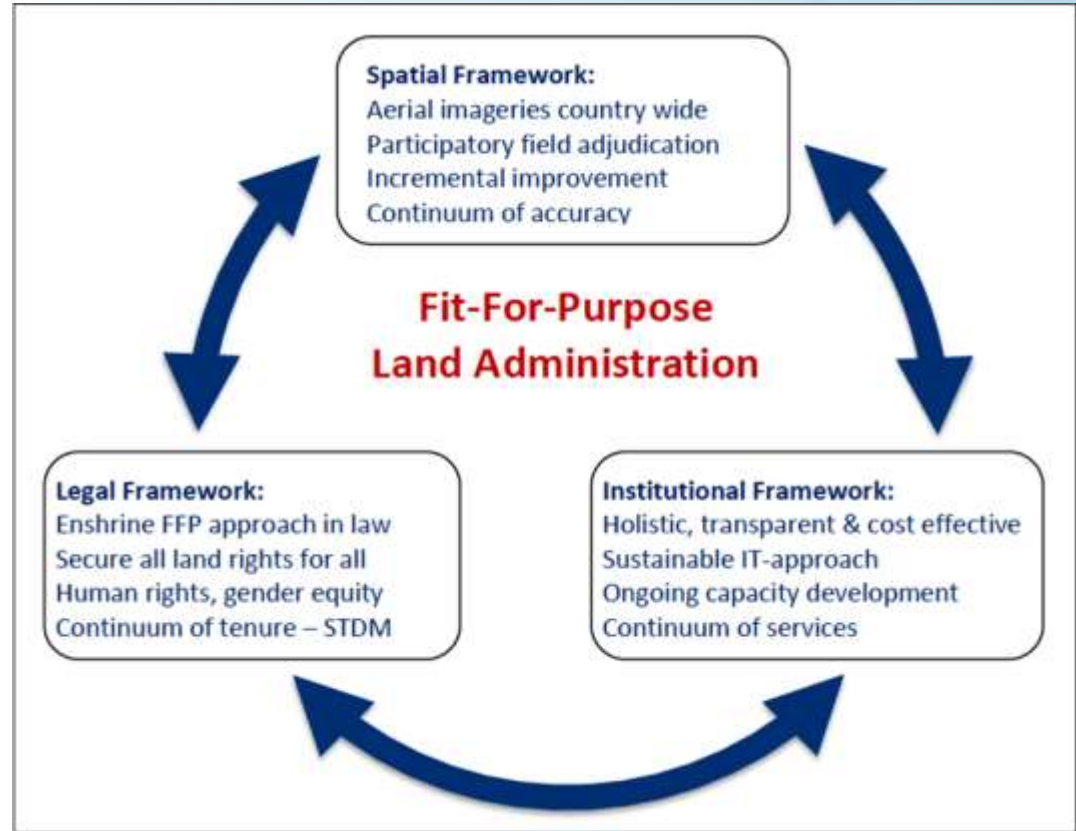
accuracy relates  
to the purpose



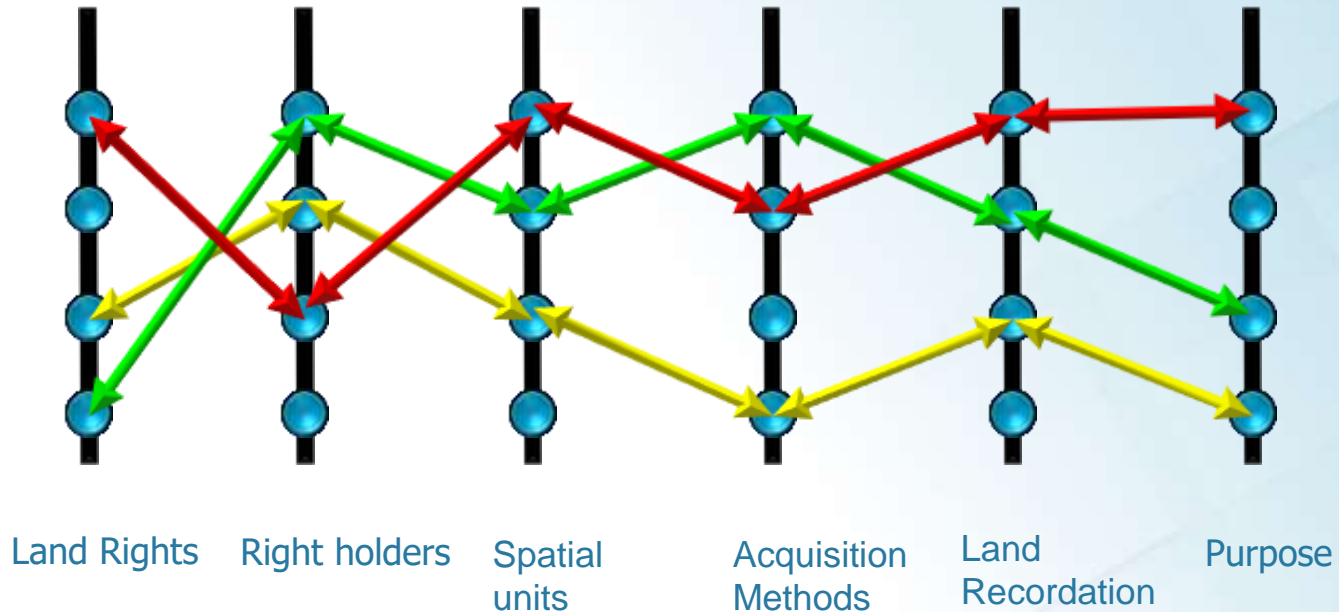
aerial imageries  
rather than  
field surveys



opportunities  
for updating,  
upgrading and  
improvement



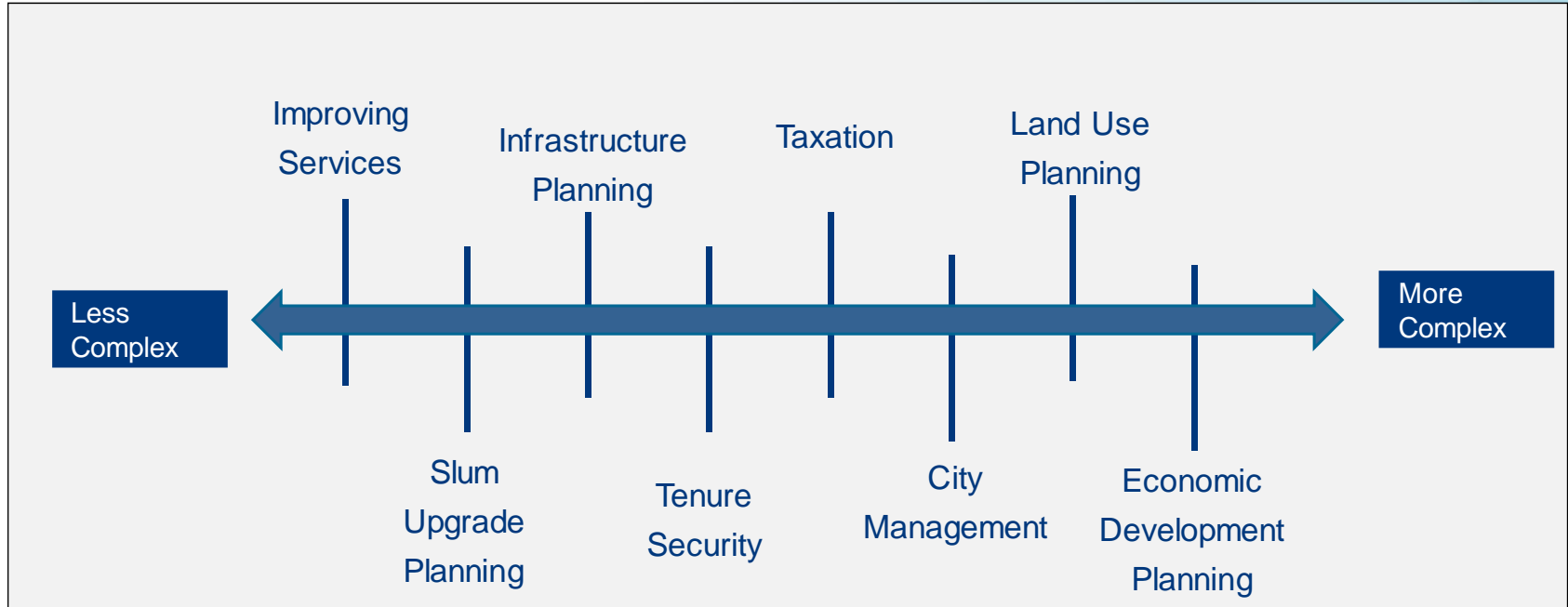
# Methods: Fit for Purpose 'Equalizer'



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

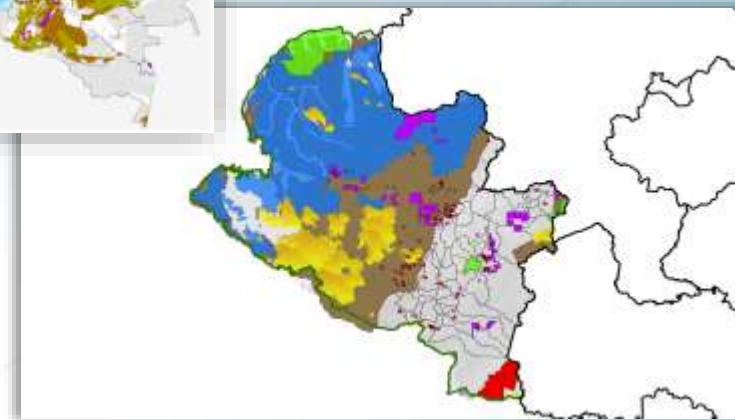
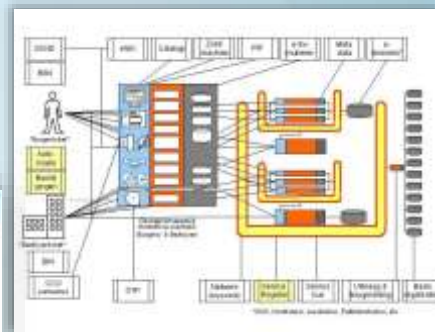


# Scaling-forward



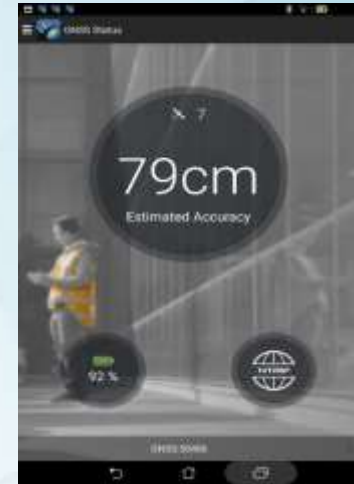
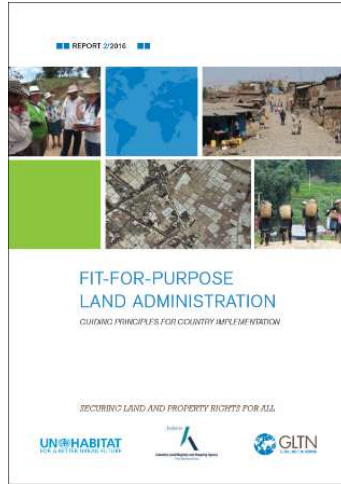
# Scaling-up

- LADM
- FFP method
- Capacity
- Budget
- Interoperability
- ...



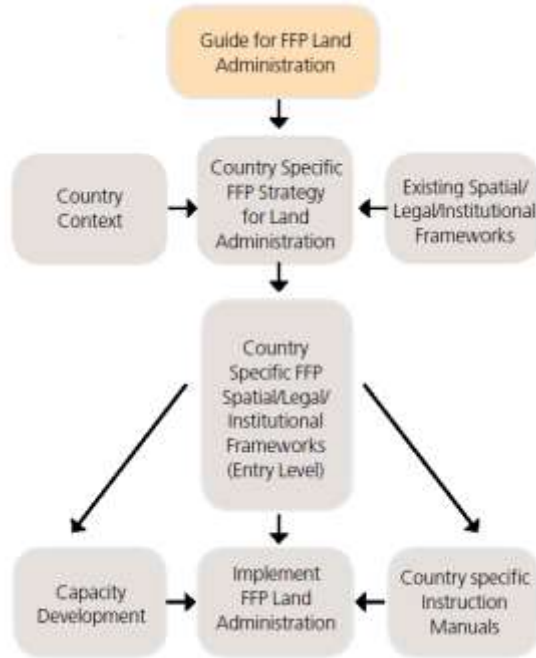
But ...

Theory  
≠  
Practice





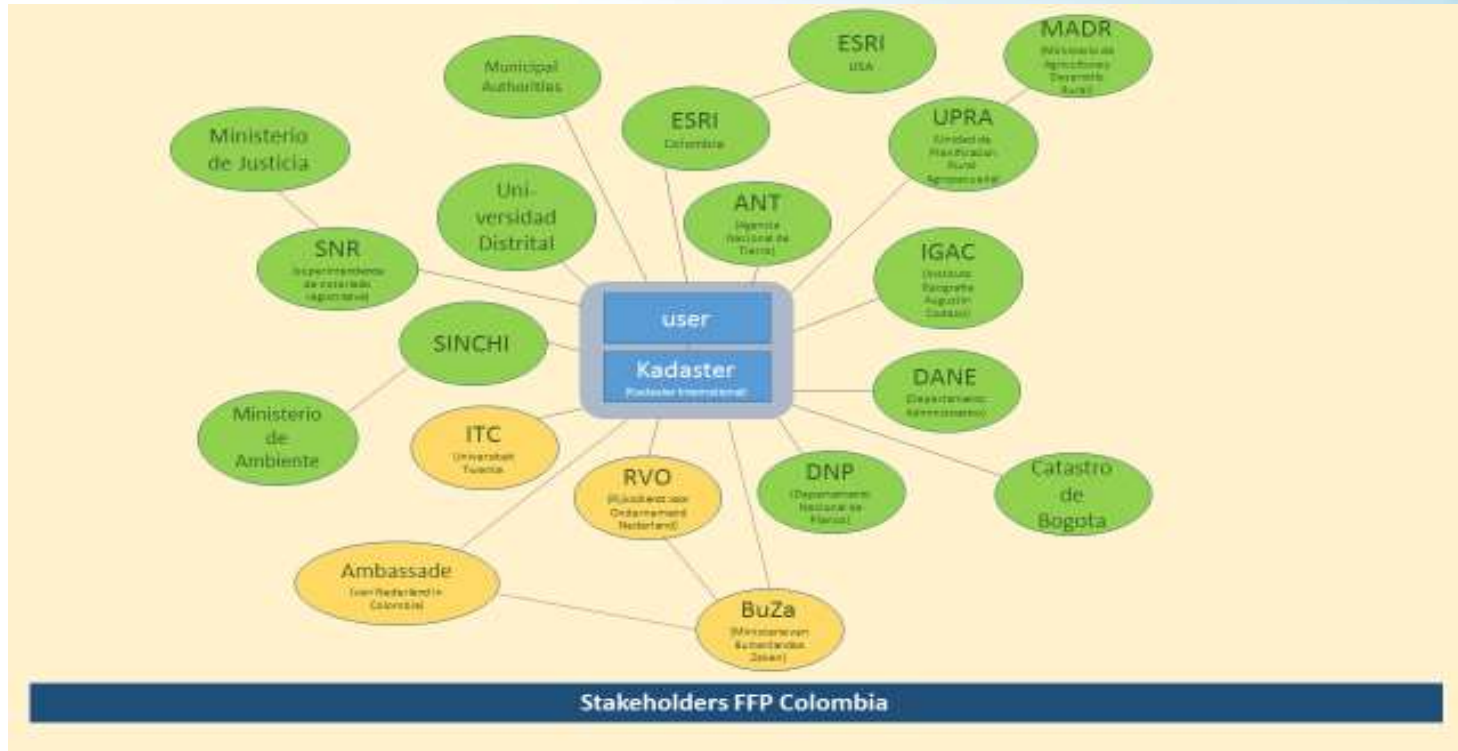
# Country implementations



# Colombia



# People are complex

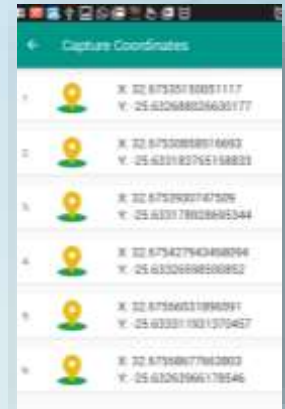
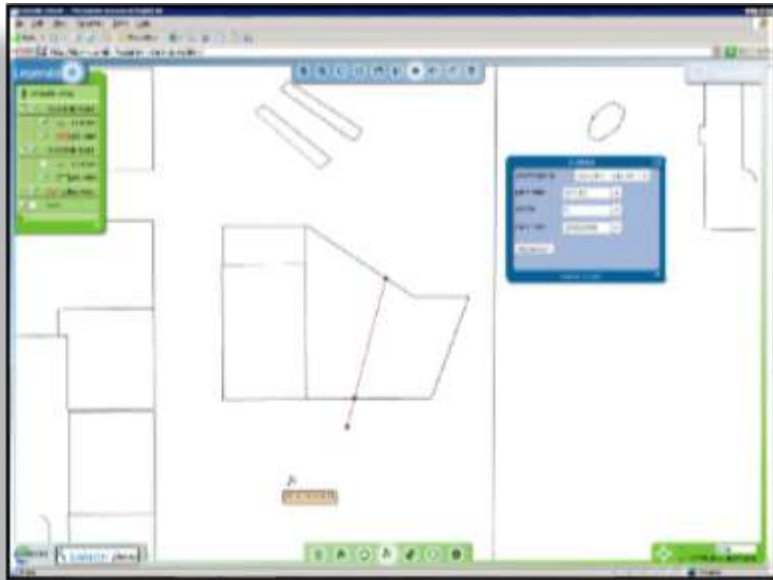




# Business model and IT services



WORLD BANK GROUP





# Indonesia



# Community based participatory mapping



Universitas  
Gadjah Mada



Jaringan Kerja Pemetaan Partisipatif

MERIDIA



# Nepal



# Capacity building: Visual boundaries



## DOLKHA HOUSEHOLD<sup>2</sup> ENUMERATION QUESTIONNAIRE

दोलखा घरधुरी गणना प्रश्नावली

Rev.17.07.2017

A. ENUMERATION गणना	
1. Questionnaire number* प्रश्नावली नम्बर	
2. Name of enumerator* (Last name, other names) तथ्यांक संकलकको (थर, नाम)	
3. English date of enumeration (dd/mm/yyyy) * तथ्यांक संकलन अंग्रेजी मिति (गते/ महिना/साल)	
4. GPS ID number जि पि एस आइडी नम्बर	
5. Camera ID number क्यामरा आइडी नम्बर	

B. RESPONDENT उत्तरदाता	
6. Name (Last Name, other names*) थर, नाम	
7. Mobile number मोबाइल नम्बर	
8. Gender* लिंग	<input type="checkbox"/> Female महिला (1) <input type="checkbox"/> Male पुरुष (2) <input type="checkbox"/> Other अन्य (3)



# (the need for women's power)



# Conclusions

- FFP method is widely accepted and implemented worldwide;
- Scale-up and scale-forward;
- Requirements are country/region specific;
- FFP is under development: Innovation and customisation;
- Land rights for all is feasible: Technical support, advocacy and guidance should be organised.



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