

Issues Related to Land Administration

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Yaoundé, Cameroon
October 23rd 2013







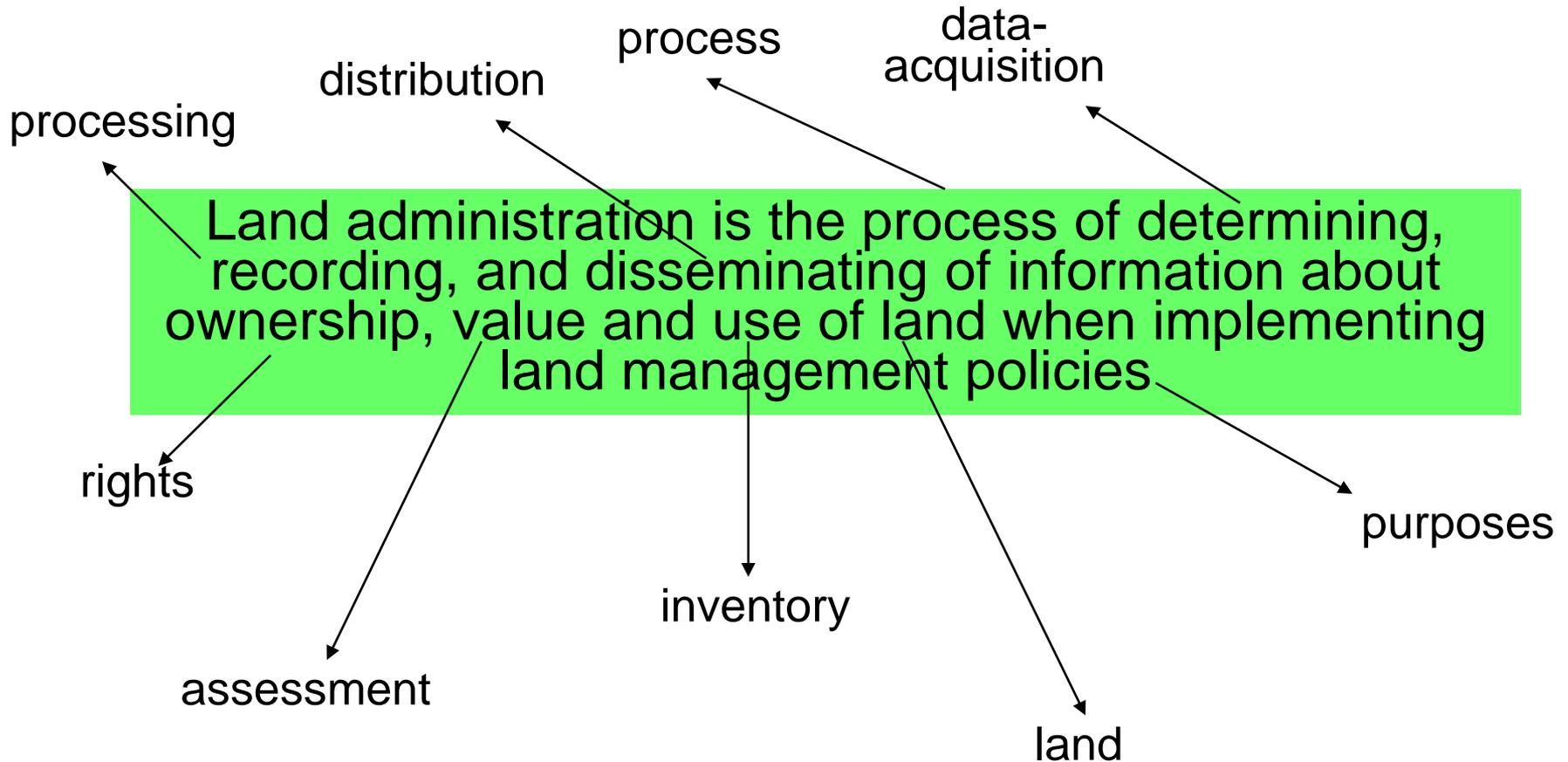






- Human activities and land related
- To manage this we need a complete overview of existing situation

Land Administration



Determining



Determining



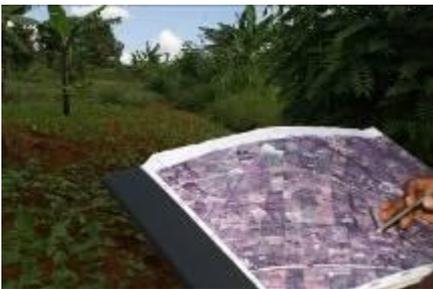
Determining: fixed boundaries



Monumentation



Recording

A printed form with a table and fingerprint impressions. The table has several columns and rows, with some text and numbers. Below the table, there are three red fingerprint impressions. The form appears to be a data collection or recording sheet.

Disseminating





People – land relations



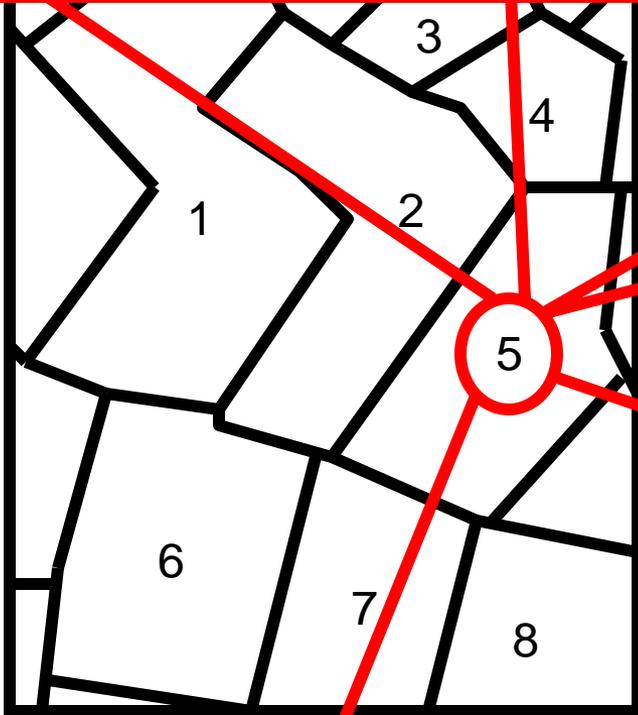
Data

Name: Peter

Ownership Share 1/2

Name: Celine

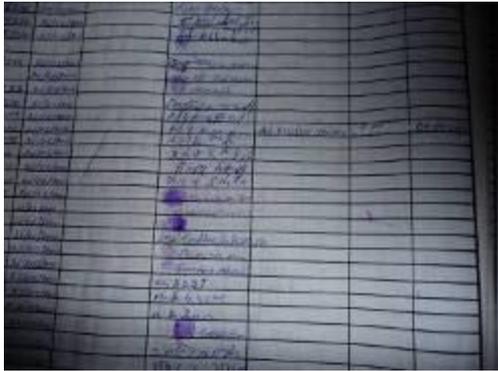
Ownership Share 1/2



Area: 1.01.23

Use: agriculture

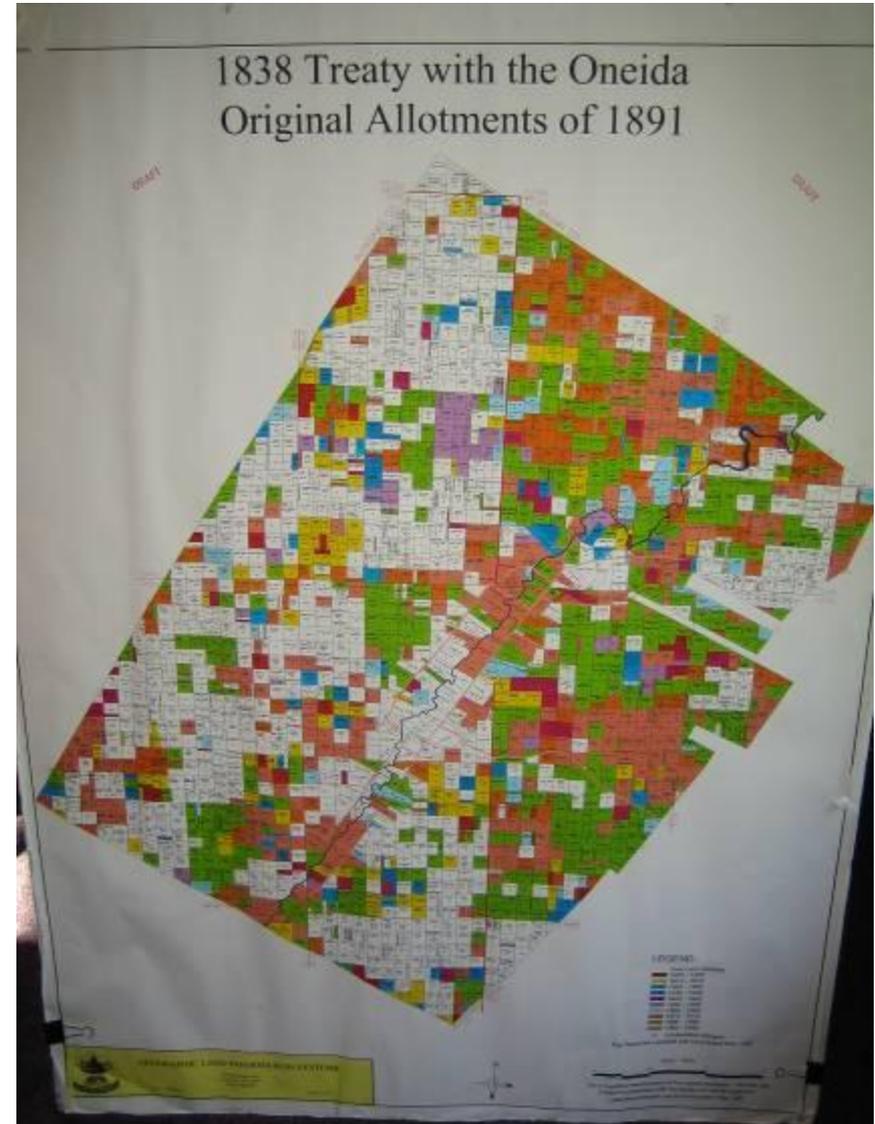
Data



Data

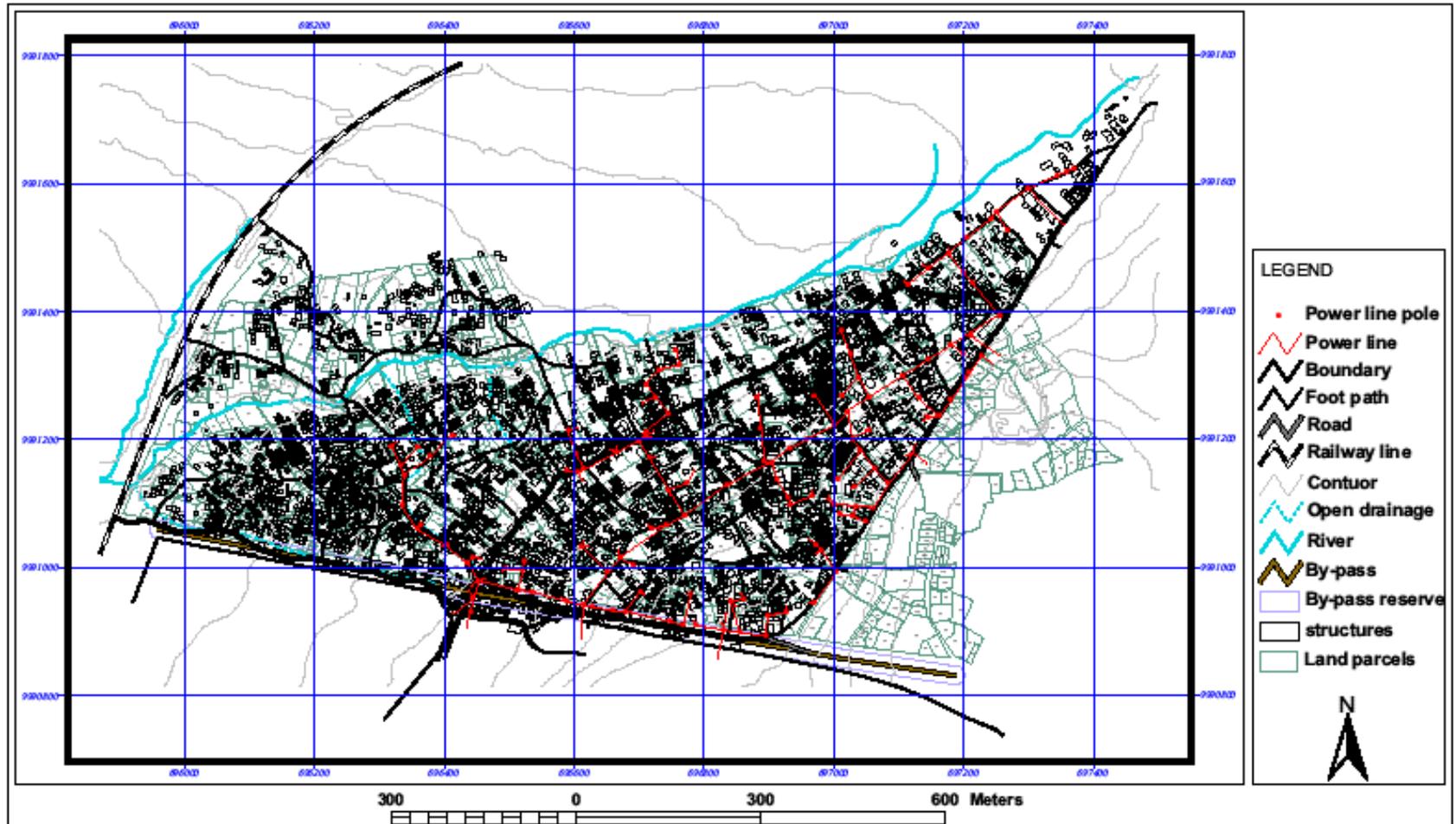


Data

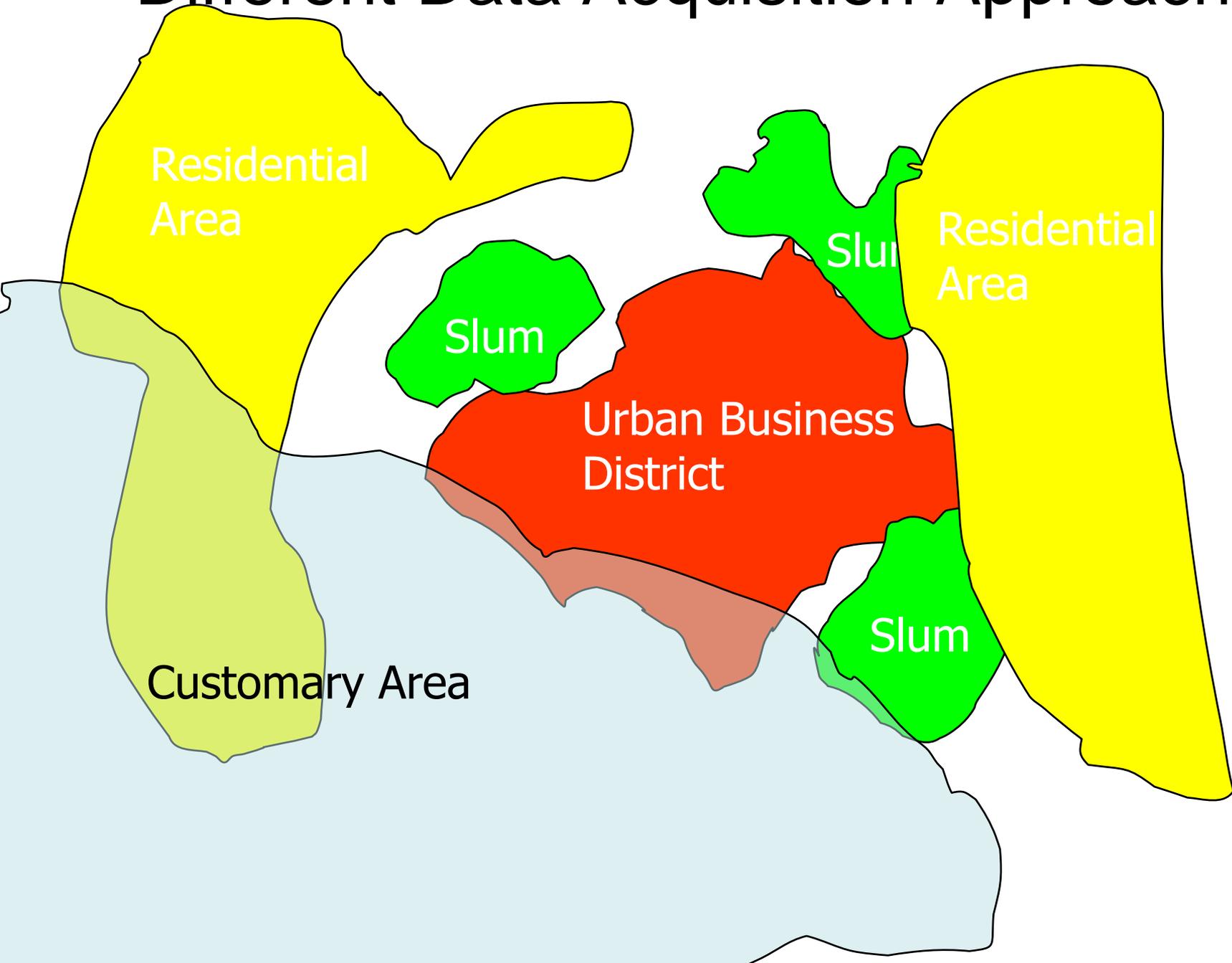


Data

OBUNGA INFORMAL SETTLEMENT
KISUMU CITY



Different Data Acquisition Approaches





Worldwide:
± 6.000.000.000
relations between
people and land

Worldwide:

± 4.500.000.000

relations between
people and land
undocumented

**This has to be done
as quick as
possible**

This has to be done as quick as possible

- Implementation of land policy
- Land reform
- Certainty of ownership
- Social justice
- Women's access to land
- Legal certainty
- Land market
- Public services/taxation
- Reduction of dispute
- Access to credit
- Development and use of land
- Resource management
- Environmental protection
- Improved conveyancing
- Food security
- Housing

Customary Areas



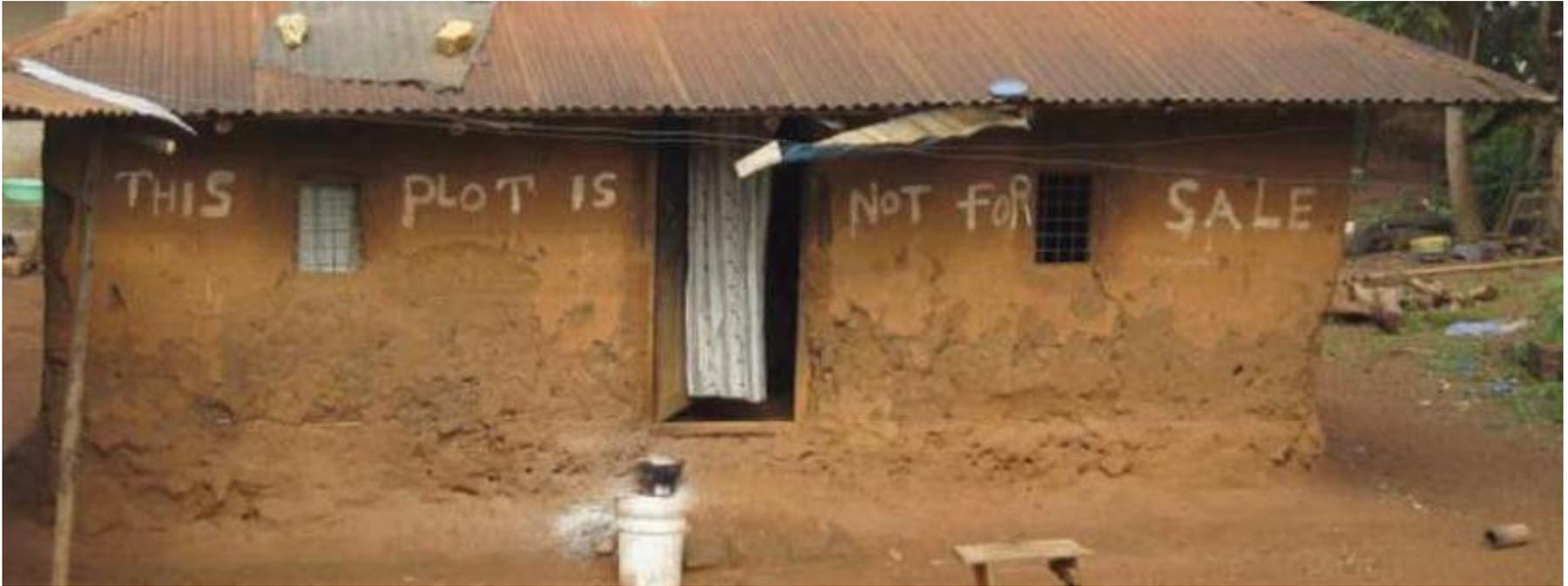
Slums



State Lands

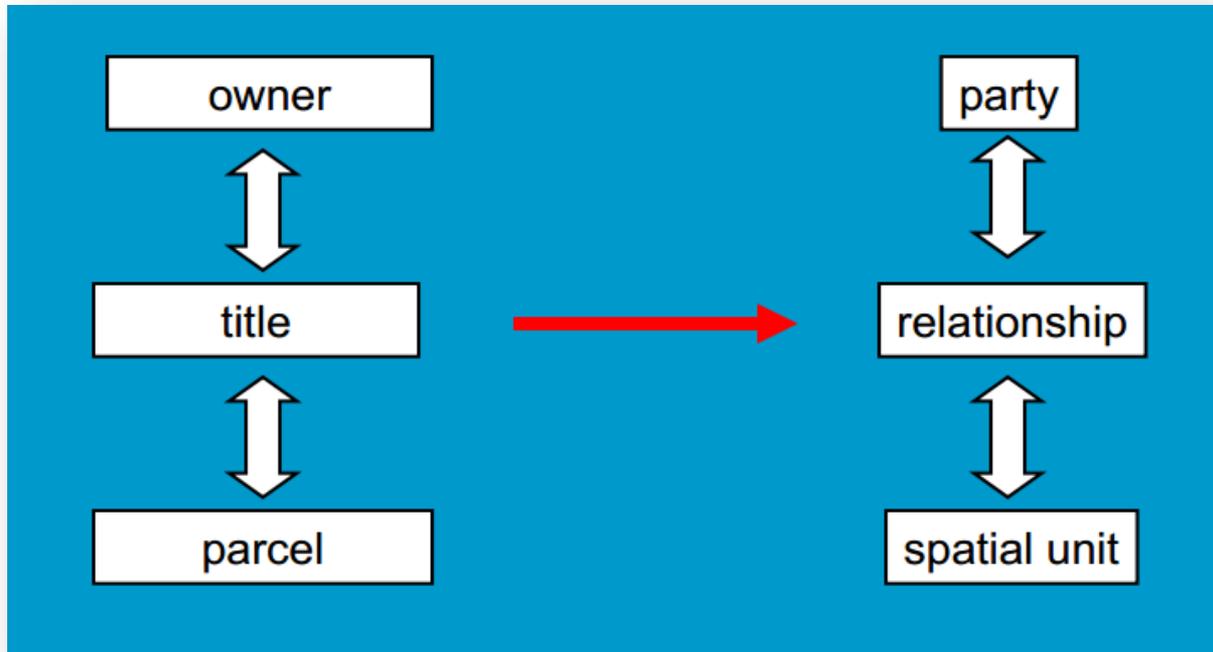


Private Land



All land rights

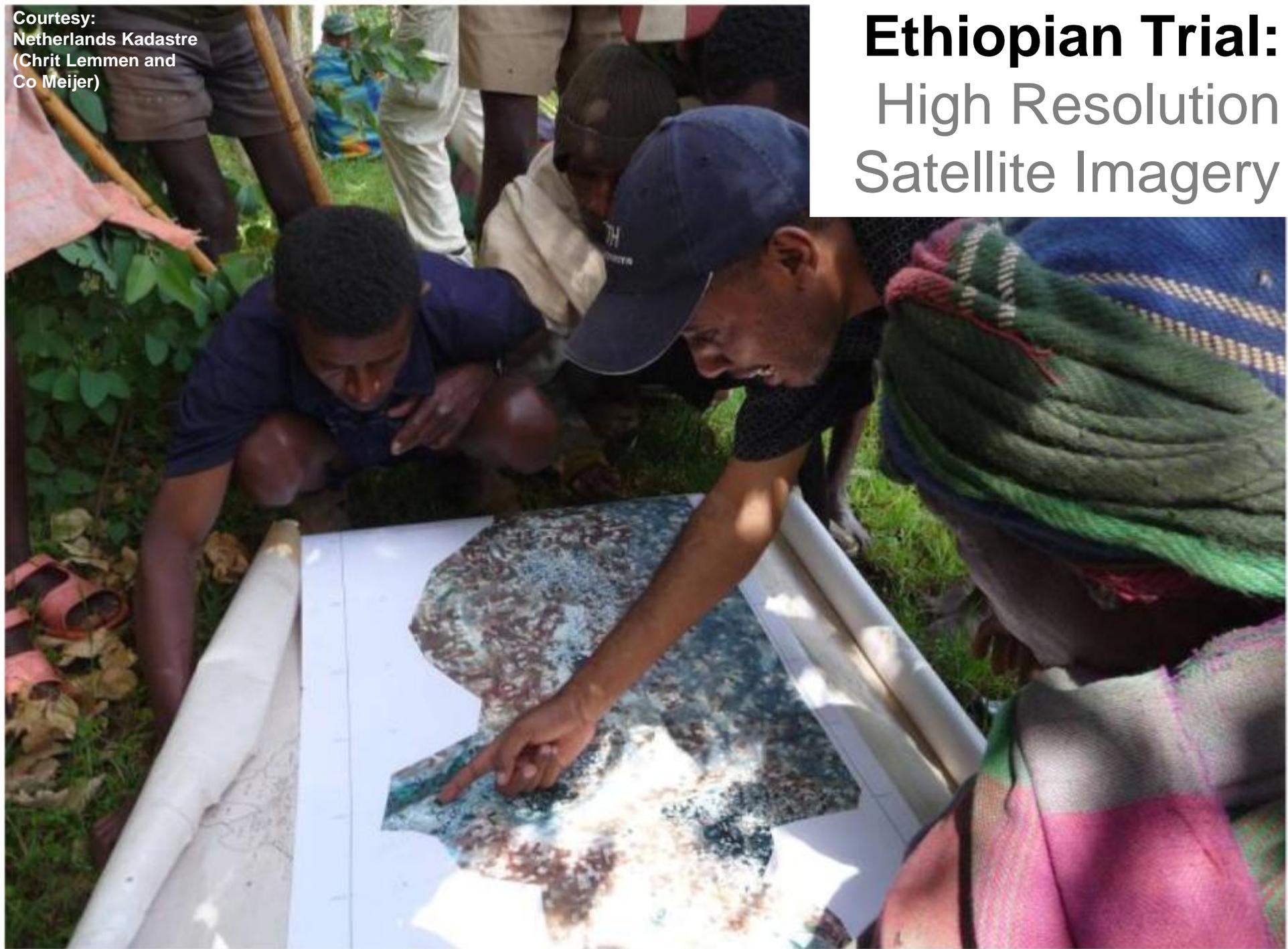
- Ownership
- Apartment - Right
- Co-operations
- Occupation
- Tenancy
- Possession
- Miri – Milk – Waqf
- Restriction Types
- State Property
- Etc << can be extended
- Non-formal and informal rights
- Customary Types,
- Indigenous Rights
- Tenancy
- Possession
- (Certificate of) Comfort
- Disagreement
- Overlap
- Uncontrolled Privatisation
- Conflict situations

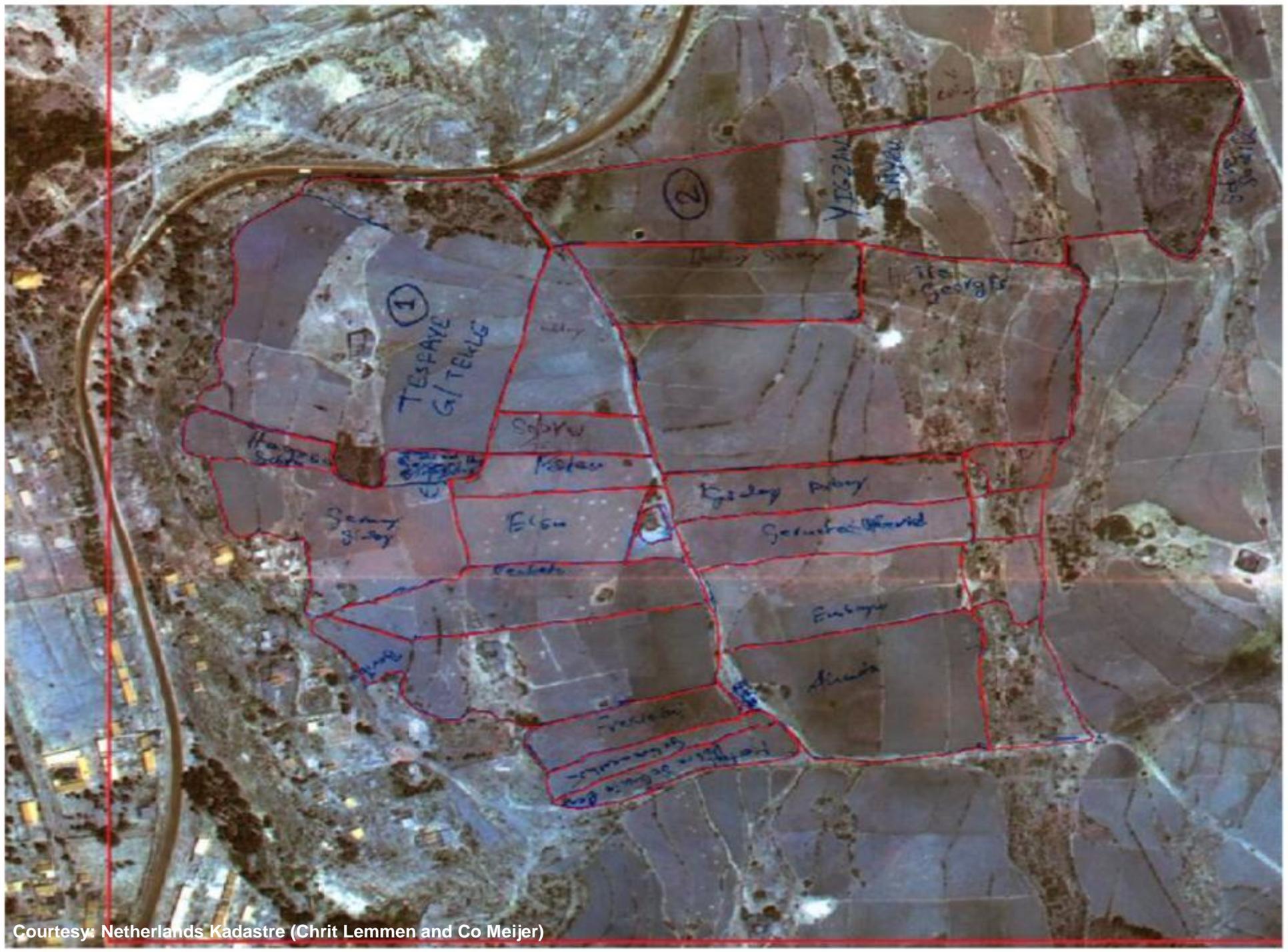


- All people to land relations
- Systematic identification of all spatial units
- Global boundary identification on imagery
- Organisation for maintenance
- Improvements during maintenance (sporadic)

Courtesy:
Netherlands Kadastre
(Chrit Lemmen and
Co Meijer)

Ethiopian Trial: High Resolution Satellite Imagery





Courtesy: Netherlands Kadastre (Chrit Lemmen and Co Meijer)

Worldbank study



Open Data Sources



Google earth



OpenStreetMap
The Free Wiki World Map

Google

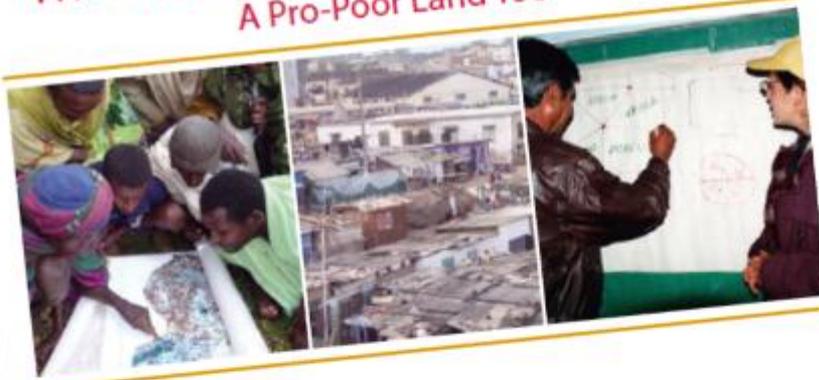


Point Cadastre

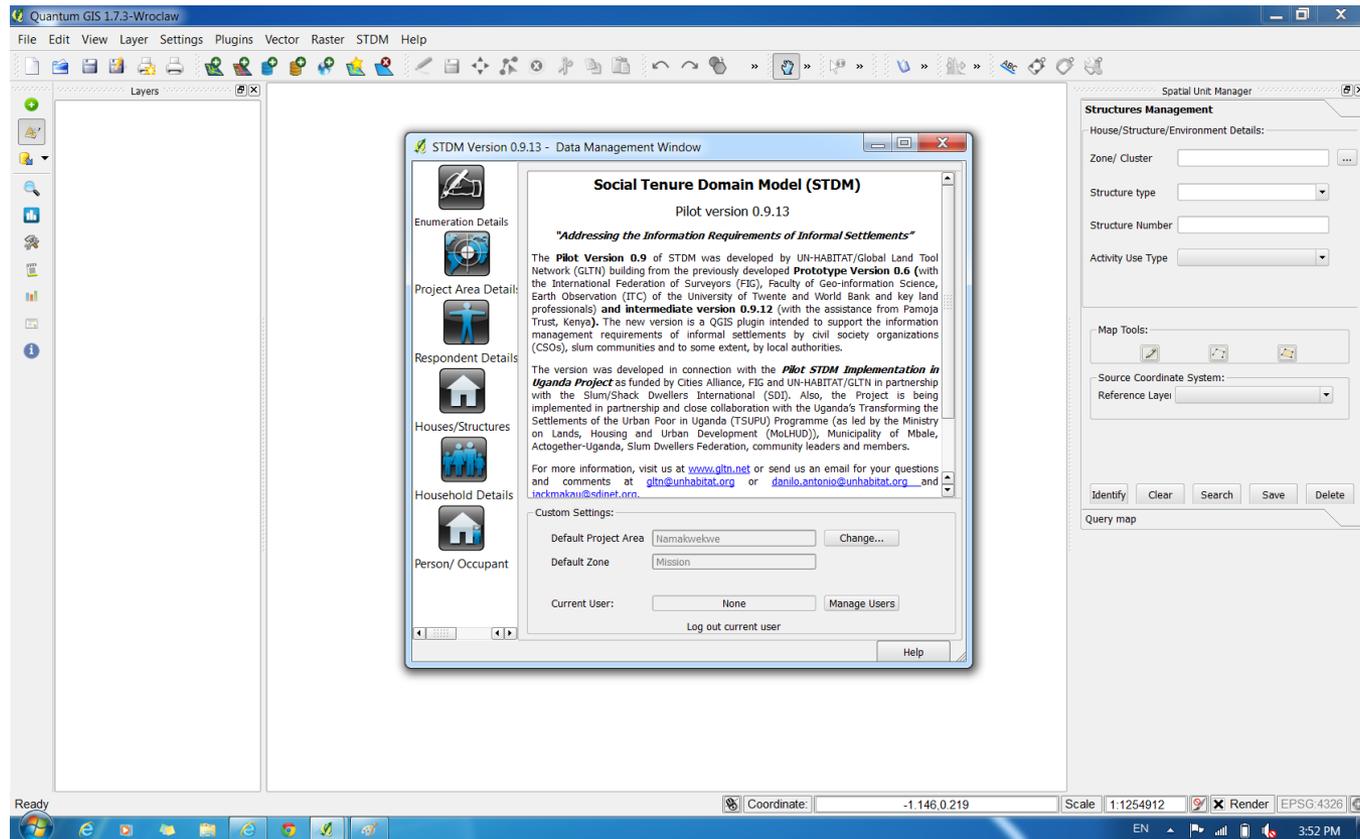


The Social Tenure Domain Model

A Pro-Poor Land Tool



A software package





REPUBLIC OF NAMIBIA

MINISTRY OF LANDS AND RESETTLEMENT

Certificate No. **OSH/CLEB CU000243** Form 8

CERTIFICATE OF REGISTRATION OF RECOGNITION OF EXISTING CUSTOMARY LAND RIGHTS
As in the Communal Land Reform Act/Section 28, Regulation 41

IT IS HEREBY CERTIFIED THAT

Crop Field and Residential Unit

ownership of customary land right which has been recognised, as described on the facts
in respect of

Okavango A Communal Area in Otjomuho District

(specification of land in which customary land right has been allowed)

amounting

6.2 hectares

has been recognised to be held by

Ms Lovis Kamati

(full names of person to whom the right concerned has been allocated)

of

Okavango A

(residential address of person to whom right has been allocated)

Signature of Chairperson/Secretary
of the Board

Date



Map showing the location of the land in the communal area

This map shows the location of the land in the communal area. The map is a scale of 1:50,000. The map shows the location of the land in the communal area. The map is a scale of 1:50,000. The map shows the location of the land in the communal area. The map is a scale of 1:50,000.

Legend

- Station points
- Perimeter boundary

Scale	1:50,000	1:100,000	1:200,000
1:50,000	1:50,000	1:100,000	1:200,000
1:100,000	1:100,000	1:200,000	1:400,000
1:200,000	1:200,000	1:400,000	1:800,000
1:400,000	1:400,000	1:800,000	1:1,600,000
1:800,000	1:800,000	1:1,600,000	1:3,200,000
1:1,600,000	1:1,600,000	1:3,200,000	1:6,400,000
1:3,200,000	1:3,200,000	1:6,400,000	1:12,800,000
1:6,400,000	1:6,400,000	1:12,800,000	1:25,600,000
1:12,800,000	1:12,800,000	1:25,600,000	1:51,200,000
1:25,600,000	1:25,600,000	1:51,200,000	1:102,400,000
1:51,200,000	1:51,200,000	1:102,400,000	1:204,800,000
1:102,400,000	1:102,400,000	1:204,800,000	1:409,600,000
1:204,800,000	1:204,800,000	1:409,600,000	1:819,200,000
1:409,600,000	1:409,600,000	1:819,200,000	1:1,638,400,000
1:819,200,000	1:819,200,000	1:1,638,400,000	1:3,276,800,000
1:1,638,400,000	1:1,638,400,000	1:3,276,800,000	1:6,553,600,000
1:3,276,800,000	1:3,276,800,000	1:6,553,600,000	1:13,107,200,000
1:6,553,600,000	1:6,553,600,000	1:13,107,200,000	1:26,214,400,000
1:13,107,200,000	1:13,107,200,000	1:26,214,400,000	1:52,428,800,000
1:26,214,400,000	1:26,214,400,000	1:52,428,800,000	1:104,857,600,000
1:52,428,800,000	1:52,428,800,000	1:104,857,600,000	1:209,715,200,000
1:104,857,600,000	1:104,857,600,000	1:209,715,200,000	1:419,430,400,000
1:209,715,200,000	1:209,715,200,000	1:419,430,400,000	1:838,860,800,000
1:419,430,400,000	1:419,430,400,000	1:838,860,800,000	1:1,677,721,600,000
1:838,860,800,000	1:838,860,800,000	1:1,677,721,600,000	1:3,355,443,200,000
1:1,677,721,600,000	1:1,677,721,600,000	1:3,355,443,200,000	1:6,710,886,400,000
1:3,355,443,200,000	1:3,355,443,200,000	1:6,710,886,400,000	1:13,421,772,800,000
1:6,710,886,400,000	1:6,710,886,400,000	1:13,421,772,800,000	1:26,843,545,600,000
1:13,421,772,800,000	1:13,421,772,800,000	1:26,843,545,600,000	1:53,687,091,200,000
1:26,843,545,600,000	1:26,843,545,600,000	1:53,687,091,200,000	1:107,374,182,400,000
1:53,687,091,200,000	1:53,687,091,200,000	1:107,374,182,400,000	1:214,748,364,800,000
1:107,374,182,400,000	1:107,374,182,400,000	1:214,748,364,800,000	1:429,496,729,600,000
1:214,748,364,800,000	1:214,748,364,800,000	1:429,496,729,600,000	1:858,993,459,200,000
1:429,496,729,600,000	1:429,496,729,600,000	1:858,993,459,200,000	1:1,717,986,918,400,000
1:858,993,459,200,000	1:858,993,459,200,000	1:1,717,986,918,400,000	1:3,435,973,836,800,000
1:1,717,986,918,400,000	1:1,717,986,918,400,000	1:3,435,973,836,800,000	1:6,871,947,673,600,000
1:3,435,973,836,800,000	1:3,435,973,836,800,000	1:6,871,947,673,600,000	1:13,743,895,347,200,000
1:6,871,947,673,600,000	1:6,871,947,673,600,000	1:13,743,895,347,200,000	1:27,487,790,694,400,000
1:13,743,895,347,200,000	1:13,743,895,347,200,000	1:27,487,790,694,400,000	1:54,975,581,388,800,000
1:27,487,790,694,400,000	1:27,487,790,694,400,000	1:54,975,581,388,800,000	1:109,951,162,777,600,000
1:54,975,581,388,800,000	1:54,975,581,388,800,000	1:109,951,162,777,600,000	1:219,902,325,555,200,000
1:109,951,162,777,600,000	1:109,951,162,777,600,000	1:219,902,325,555,200,000	1:439,804,651,110,400,000
1:219,902,325,555,200,000	1:219,902,325,555,200,000	1:439,804,651,110,400,000	1:879,609,302,220,800,000
1:439,804,651,110,400,000	1:439,804,651,110,400,000	1:879,609,302,220,800,000	1:1,759,218,604,441,600,000
1:879,609,302,220,800,000	1:879,609,302,220,800,000	1:1,759,218,604,441,600,000	1:3,518,437,208,883,200,000
1:1,759,218,604,441,600,000	1:1,759,218,604,441,600,000	1:3,518,437,208,883,200,000	1:7,036,874,417,766,400,000
1:3,518,437,208,883,200,000	1:3,518,437,208,883,200,000	1:7,036,874,417,766,400,000	1:14,073,748,835,532,800,000
1:7,036,874,417,766,400,000	1:7,036,874,417,766,400,000	1:14,073,748,835,532,800,000	1:28,147,497,671,065,600,000
1:14,073,748,835,532,800,000	1:14,073,748,835,532,800,000	1:28,147,497,671,065,600,000	1:56,294,995,342,131,200,000
1:28,147,497,671,065,600,000	1:28,147,497,671,065,600,000	1:56,294,995,342,131,200,000	1:112,589,990,684,262,400,000
1:56,294,990,684,262,400,000	1:56,294,990,684,262,400,000	1:112,589,990,684,262,400,000	1:225,179,981,368,524,800,000
1:112,589,981,368,524,800,000	1:112,589,981,368,524,800,000	1:225,179,981,368,524,800,000	1:450,359,962,737,049,600,000
1:225,179,962,737,049,600,000	1:225,179,962,737,049,600,000	1:450,359,962,737,049,600,000	1:900,719,925,474,099,200,000
1:450,359,925,474,099,200,000	1:450,359,925,474,099,200,000	1:900,719,925,474,099,200,000	1:1,801,439,850,948,198,400,000
1:900,719,850,948,198,400,000	1:900,719,850,948,198,400,000	1:1,801,439,850,948,198,400,000	1:3,602,879,701,896,396,800,000
1:1,801,439,701,896,396,800,000	1:1,801,439,701,896,396,800,000	1:3,602,879,701,896,396,800,000	1:7,205,759,403,792,793,600,000
1:3,602,879,403,792,793,600,000	1:3,602,879,403,792,793,600,000	1:7,205,759,403,792,793,600,000	1:14,411,518,807,585,587,200,000
1:7,205,759,807,585,587,200,000	1:7,205,759,807,585,587,200,000	1:14,411,518,807,585,587,200,000	1:28,823,037,615,171,174,400,000
1:14,411,518,615,171,174,400,000	1:14,411,518,615,171,174,400,000	1:28,823,037,615,171,174,400,000	1:57,646,075,230,342,348,800,000
1:28,823,075,230,342,348,800,000	1:28,823,075,230,342,348,800,000	1:57,646,075,230,342,348,800,000	1:115,292,150,460,684,697,600,000
1:57,646,150,460,684,697,600,000	1:57,646,150,460,684,697,600,000	1:115,292,150,460,684,697,600,000	1:230,584,300,921,369,395,200,000
1:115,292,300,921,369,395,200,000	1:115,292,300,921,369,395,200,000	1:230,584,300,921,369,395,200,000	1:461,168,601,842,738,790,400,000
1:230,584,601,842,738,790,400,000	1:230,584,601,842,738,790,400,000	1:461,168,601,842,738,790,400,000	1:922,337,203,685,477,580,800,000
1:461,168,203,685,477,580,800,000	1:461,168,203,685,477,580,800,000	1:922,337,203,685,477,580,800,000	1:1,844,674,407,370,955,161,600,000
1:922,337,407,370,955,161,600,000	1:922,337,407,370,955,161,600,000	1:1,844,674,407,370,955,161,600,000	1:3,689,348,814,741,910,323,200,000
1:1,844,674,814,741,910,323,200,000	1:1,844,674,814,741,910,323,200,000	1:3,689,348,814,741,910,323,200,000	1:7,378,697,629,483,820,646,400,000
1:3,689,348,629,483,820,646,400,000	1:3,689,348,629,483,820,646,400,000	1:7,378,697,629,483,820,646,400,000	1:14,757,395,258,967,641,292,800,000
1:7,378,697,258,967,641,292,800,000	1:7,378,697,258,967,641,292,800,000	1:14,757,395,258,967,641,292,800,000	1:29,514,790,517,935,282,585,600,000
1:14,757,395,517,935,282,585,600,000	1:14,757,395,517,935,282,585,600,000	1:29,514,790,517,935,282,585,600,000	1:59,029,581,035,870,565,171,200,000
1:29,514,790,103,587,056,517,171,200,000	1:29,514,790,103,587,056,517,171,200,000	1:59,029,581,035,870,565,171,200,000	1:118,059,162,071,741,130,342,400,000
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1:236,118,648,286,964,521,369,600,000	1:236,118,648,286,964,521,369,600,000	1:472,236,648,286,964,521,369,600,000	1:944,473,296,573,929,042,739,200,000
1:472,236,964,573,929,042,739,200,000	1:472,236,964,573,929,042,739,200,000	1:944,473,296,573,929,042,739,200,000	1:1,888,946,593,147,858,085,478,400,000
1:944,473,593,147,858,085,478,400,000	1:944,473,593,147,858,085,478,400,000	1:1,888,946,593,147,858,085,478,400,000	1:3,777,893,186,295,716,170,956,800,000
1:1,888,946,186,295,716,170,956,800,000	1:1,888,946,186,295,716,170,956,800,000	1:3,777,893,186,295,716,170,956,800,000	1:7,555,786,372,591,432,341,913,600,000
1:3,777,893,372,591,432,341,913,600,000	1:3,777,893,372,591,432,341,913,600,000	1:7,555,786,372,591,432,341,913,600,000	1:15,111,572,745,182,866,827,827,200,000
1:7,555,786,745,182,866,827,827,200,000	1:7,555,786,745,182,866,827,827,200,000	1:15,111,572,745,182,866,827,827,200,000	1:30,223,145,490,365,733,655,654,400,000
1:15,111,572,990,365,733,655,654,400,000	1:15,111,572,990,365,733,655,654,400,000	1:30,223,145,490,365,733,655,654,400,000	1:60,446,290,980,731,467,311,308,800,000
1:30,223,145,490,731,467,311,308,800,000	1:30,223,145,490,731,467,311,308,800,000	1:60,446,290,980,731,467,311,308,800,000	1:120,892,581,961,462,934,622,617,600,000
1:60,446,290,980,934,622,617,617,600,000	1:60,446,290,980,934,622,617,617,600,000	1:120,892,581,961,462,934,622,617,600,000	1:241,785,163,922,925,869,245,235,200,000
1:120,892,581,961,462,925,869,245,235,200,000	1:120,892,581,961,462,925,869,245,235,200,000	1:241,785,163,922,925,869,245,235,200,000	1:483,570,327,845,851,738,490,470,400,000
1:241,785,163,922,925,851,738,490,470,400,000	1:241,785,163,922,925,851,738,490,470,400,000	1:483,570,327,845,851,738,490,470,400,000	1:967,140,655,691,703,476,980,940,800,000
1:483,570,655,691,703,476,980,940,800,000	1:483,570,655,691,703,476,980,940,800,000	1:967,140,655,691,703,476,980,940,800,000	1:1,934,281,311,383,406,953,961,881,600,000

Thanks

