

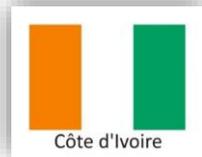
Jaco Crafford, Director: Servicios Profesionales

OCTOBER 2018

# Landfolio más allá de la minería

# Cientes Gubernamentales de Landfolio

## MERCADO TRADICIONAL DE CATASTRO MINERO



# Trimble Land Administration Solutions (TLA)

SOLUCIONES DE PUNTA-A-PUNTA PARA ADMINISTRACIÓN DE TIERRAS



# Nuestro Objetivo



Transformando la manera con que la propiedad es asegurada y los recursos gestionados

# Cientes Gubernamentales de Landfolio

## ENFOQUE EN TIERRAS



# Caso de Estudio



- Catastro de Tierras (St. Kitts & Nevis, 2016)



- Sistema de Gestión de Tierras (Idaho, 2018)



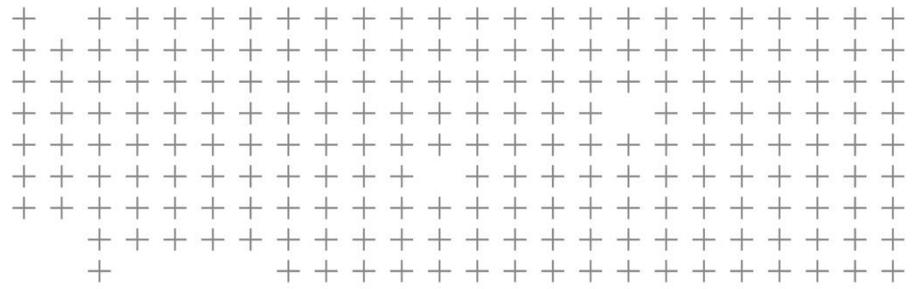
- Gestión de Permiso de Uso de la Tierra (Indonesia, 2015)



- Adquisición & Compensación de Tierra (Tanzania, 2012)



- Monitoreo de Concesiones (Liberia, 2015)



# Catastro de Tierras – St. Kitts and Nevis Govt.

# Autoridad de la Isla de Nevis (NIA) y Landfolio

- Proyecto involucra la modernización de la administración de tierras para NIA, incluyendo la implementación de *registro del título, catastro, y acceso publico*



# Puntos-Clave de Entregables del Proyecto NIA

- Conversión y captura de edificios a partir de nuevas imágenes aéreas
- Escaneo e indexación de más de 20,000 registros entre títulos y otros
- Implementación del Landfolio
- Migración de Datos – catastro, registro, documentos, imágenes
- Lanzamiento del portal de acceso público

# Sistema de Catastro Integrado de Tierras

The screenshot displays the Trimble landfolio web application interface. The top navigation bar includes 'File', 'Edit', 'View', 'Favorites', 'Tools', and 'Help'. The main header shows 'Trimble landfolio' and 'QA Site'. The user is logged in as 'Nevis Island Administration - QA Site (5.5.1)'. The page title is 'Landfolio ADMIN (sign)'. The main content area is titled 'Developments > Search'. A search bar is visible, and the search results are displayed in a table. A dropdown menu is open, showing a list of development types. The table columns include 'All', 'Map', 'Code', 'Name', 'Jurisdiction', 'Application Completion Date', 'Stop Notice Date', 'Area', and 'Map Reference'. The table contains several rows of data, including 'UAT Test', 'gem cake', 'condo unit', and 'Joseph Blake'. The dropdown menu lists various development types such as 'Change of Use', 'Commercial', 'Condominium Unit', 'Demolition', 'General Building Development', 'Hotel and Tourism', 'Industrial', 'Institutional', 'Mining Operation', 'Removal', 'Re-Occupation Approval', 'Residential: Multi-Family Dwelling', 'Residential: Multi-Family Dwelling Addition', 'Residential: Single Family Dwelling', and 'Residential: Single Family Dwelling Addition Swimming Pool'.

Search returned 1000 of **more than 1000** results(full list)

All	Map	Code	Name	Jurisdiction	Application Completion Date	Stop Notice Date	Area	Map Reference
<input type="checkbox"/>		019-16	UAT Test	Nevis Physical Planning and Development			1,265.0000 ft <sup>2</sup>	Nevis, 3100, Saint George Gingerland
<input type="checkbox"/>		NEV3100-0001-11	UAT Test	Nevis Physical Planning and Development			5,689.0000 ft <sup>2</sup>	Nevis, 3100, Saint George Gingerland
<input type="checkbox"/>		NEV3100-0002-0	gem cake	Nevis Physical Planning and Development			2.0000 ac	Nevis, 3195, Saint Thomas Lowland
<input type="checkbox"/>		NEV3100-0002-0[unit 1]	condo unit	Nevis Physical Planning and Development	2017/01/26	2017/01/27		
<input type="checkbox"/>		NEV3100-0002-0[unit 2]	condo unit	Nevis Physical Planning and Development	2017/01/26	2017/01/27		
<input type="checkbox"/>		NEV3193-0003-0	Joseph Blake	Nevis Physical Planning and Development			2,000.0000 ft <sup>2</sup>	Nevis, 3700, Saint James Windward
<input type="checkbox"/>		NEV3193-0003-01		Nevis Physical Planning and Development			67.8678 ft <sup>2</sup>	3193

# Parcela de Tierras – Descripción Legal de Límites

**Trimble landfolio** QA Site Nevis Island Administration - QA Site (5.5) Landfolio ADMIN (sig)

Search  Development > Details

**NEV3193-0003** Development Type: Parcel Application Completion Date:  
Application Number: Shape Official Area: 22,210.7396 ft<sup>2</sup> Construction Completion Date:  
Development Parties: Status: Active Stop Notice Date:

**General** **Parties** **Address** **Shape** Map References (4) Documents Registry (3) Related Developments (17) Actions Open Actions Closed (1)

**Roles (6)** **Discussions** **Audit**

**Coordinate System:** PCS\_St\_Kitts\_1955\_British\_West\_Indies\_Grid  
**Official Area:** 22,210.7396 Square Feet  
**Calculated Area:** 22,214.0455 ft<sup>2</sup> ▼

**Legal Description:**

**Parts:**

Part 1

**Viewing Coordinates of: Part 1**

	East (x)	North (y)
1	332936.94	1893592.58
2	332872.21	1893583.6
3	332872.63	1893599.44
4	332873.65	1893617.21
5	332889	1893619.18

# Desarrollo de las Tierras y Parcelas

Trimble landfolio

QA Site

Nevis Island Administration - QA Site (5.5.1)

Landfolio ADMIN (sign

Search

Home

Developments

Assessment

Buildings

Infrastructure

Notices

Parcels

Registry

Certificate of Title

Common Record

Title File

General Admin

Actions

Maps

Reports

Documents

Companies

People

My Settings

Admin Tools

Help



Legend

Search

Select

Shape

## Developments

### Notices

- Complaints
- Enforcement Notices
- Stop Notices

### Assessments

- Environmental Impact Assessment
- Terms of Reference
- Proposals

### Demolitions & Removals

- Demolition
- Removal

### Re-Occupation Approvals

### Infrastructure

- Advertisements
- Fencing
- Road Connection

### Buildings

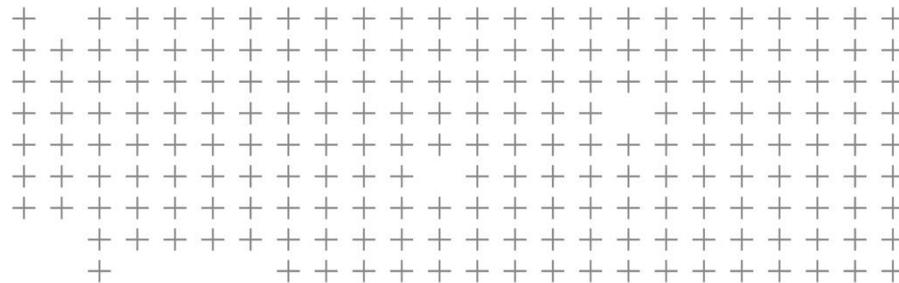
- Change of Use
- Commercial
- Condominium Unit
- General Building Development
- Hotel and Tourism

ble.



# Beneficios del Landfolio para Nevis

- Sistema Moderno de Administración de Tierras
- Gestión de Tierras más eficiente
- Cálculos correctos de los impuestos de cada propiedad



# Gestión de Arrendamiento de Tierras - Idaho

# Sistema de Gestión de Arrendamiento de Tierras

**IDAHO**

Land Board

Department of Lands



Land Board

Land Services

Leasing

Forestry

Fire

Oil & Gas

Mining

Lakes & Rivers



Administering the Surface Mining Act and the Dredge and Placer Mining Act are among our duties, along with other regulatory, assistance, and leasing activities related to mining and minerals.

# Componentes del Proyecto de alto nivel

Landfolio  
Back Office  
(LIMS)



Portal de  
Gestores de  
Arrendamiento



Portal  
Público de  
Mapas



# Portal de Gestores de Arrendamiento

- Visualizar Listados y Detalles del portfolio
- Solicitudes en línea
- Envío de reportes en línea
- Renovaciones del Arrendamiento y Permisos
- Pagamentos de tasas en línea
- Compromiso Público
- Facilita la subasta / proceso de licitación

The screenshot displays the 'Lease Management' section of the Idaho Department of Lands website. The user is logged in as 'Nick Holleman (Dimension Mining)'. The main content area is titled 'Instructions for Lease Application' and lists six steps: 1. Use the online map page to identify the parcels you wish to lease; 2. Download your application form [here](#); 3. Enter your coordinates by clicking Select Shape; 4. Select the commodities which you plan to exploit; 5. Upload your application form; 6. Click Submit.

The 'Application Details' section shows the following information:

- Applicant: Dimension Mining
- Type: General Mineral Lease (E) (with a dropdown arrow)
- Coordinates: Change GCS\_WGS\_1984
- Commodities: Select
- Supporting Documents: Upload

The 'Additional Lease Applicants' section shows one applicant:

Applicant	Share %	Action
Dimension Mining	100	REMOVE

The 'Review Coordinates' section includes a map with a red square overlay and the following data:

Latitude	Longitude
1. 46° 17' 50" N	115° 58' 42" W
2. 46° 17' 50" N	115° 57' 46" W
3. 46° 17' 22" N	115° 57' 46" W
4. 46° 17' 22" N	115° 58' 42" W

Additional information: Area: 255.0990 Acres, Location: Idaho, Clearwater, Idaho.

# Portal de Mapas de Landfolio – Acceso Público

IDAHO

Land Board  
Department of Lands

IDAHO DEPARTMENT OF LANDS

Welcome

- Home
- Lease Map
- Registration
- Sign In
- Help

External Links

- Idaho Dept. of Lands
- Share on Social Media

Legal

- Contacts
- Privacy Policy

Lease Map

Search: Parcels, County

40km  
30mi

Leased Parcels

- Surface Only
- Surface and Mineral
- Surface and Restricted Minerals

Active Leases

Administration

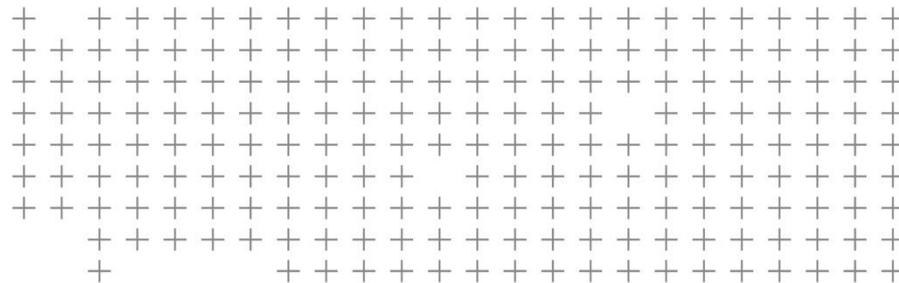
- Counties
- Supervisory Areas

Satellite Imagery

- Capas personalizadas
- Capacidad de generar reportes
- Descarga de datos y documentos
- Venta de Datos
- Consumo de fuentes de datos externos

# Puntos en destaque hasta la fecha

- Proyecto se inició el Abril de 2017
- Enfoque de proyecto en fases con múltiples iteraciones
- Iteración 1 Go-Live Octubre 2018
- Go-Live Final rogramado para Abril 2020
- Numerosos sistemas internos reemplazados por una solución
- Configuración de trabajo y herramientas de sincronización espacial (Completado)
- Integraciones múltiples con otros sistemas internos de terceros incl. Microsoft Dynamics Navision (en progreso)



# Gestión de Permiso del Uso de Tierras - Indonesia

# Objetivo del Proyecto

- **Sistema de Gestión de Información:** ‘Implementar un sistema de gestión de información (SGI) habilitado espacialmente para integrar el uso de la tierra, la cobertura de la tierra y la información de licencias de uso de la tierra que se administrará y usará a nivel de distrito’

# Escopo del Proyecto SGI

- Implementar la Gestión en 4 Distritos en Indonesia: Muaro Jambi, Merangin, Mamuju y Mamasa
- Sistema y base de datos individuales, desarrollados y configurados de forma única para cada Distrito
- Sistema Integrado de Intercambio de Datos GIS para sincronizar datos del Servidor GIS de los Distritos con el servidor de Landfolio en Jakarta

INDONESIA  
SISTEM MANAJEMEN  
INFORMASI PERIZINAN  
RUANG KABUPATEN

Mamasa User 1 (Mamasa)

**Semua Izin - Mamasa**

Nomor Perizinan:   
Status:   
Tanggal Permohonan:   
Tanggal Berakhir:   
Jenis Perizinan:   
Pemilik:   
Tanggal Penerbitan:

**Table of Permits:**

Nomor Perizinan	Jenis Perizinan	Status	Pemilik	Tan
005/ALS/IX/2015	IUP-B (MMA)	(Active) Aktif	PT Agro Lino Sejahtera (100%)	
IL/001/PMDN/2016	IL-PER (MSA)	(Active) Aktif	PT JAYA ABADI (0%)	09/C
IL/MSA/K-IX	IL-PER (MSA)	(Active) Aktif	Kate Wood (100%)	04/C
IUP/05/PMDN/2016	IUP-P (MMA)	(Active) Aktif	casles jaleng (100%)	09/C
MMA/BPTSP/IUP/2016/0002	IUP-B (MMA)	(Approved by technical) Disetujui Tim Teknis	Asian Dimension Pty Ltd (100%)	
MMA/BPTSP/IUP/2016/0004	IUP-B (MMA)	(Active) Aktif	Heri Santoso (100%)	09/C

Lokasi Perizinan

PageID=f1c77a0f-293d-41a3-ba82-4a5075699eca

# Solicitud – Validaciones Espaciales del Uso de Tierra

## Jalankan Validasi Ruang dan Verifikasi Koordinat

Dokumen pendukung: [Unggah](#)

Saved Today 7:17:12 AM  
[Simpan](#) [Batal](#)

Seluruh dokumen yang diperlukan telah diunggah

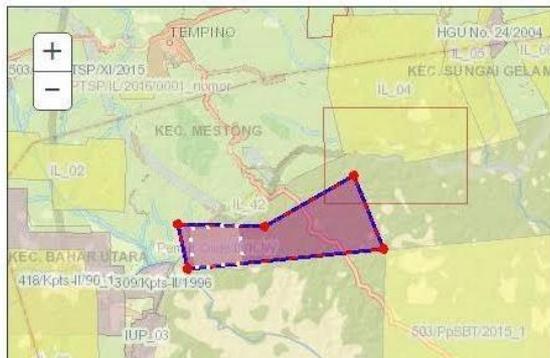
Koordinat: [Ubah](#) GCS WGS84 \*

[Lanjut](#)

[Kembali](#)

Type	Description	Area	Action
⊗	Your selected shape overlaps the following: Permit Code/IL/KJW	7.103.490,5934 m <sup>2</sup>	<a href="#">Clip shape</a>
⊗	Your selected shape overlaps the following: IUP/2016/00007	2.660.198,7468 m <sup>2</sup>	<a href="#">Clip shape</a>
⊗	Your selected shape overlaps the following: Perkebunan	2.605.991,2563 m <sup>2</sup>	<a href="#">Clip shape</a>
⊗	Your selected shape overlaps the following: Sempadan Sungai	467.965,5245 m <sup>2</sup>	<a href="#">Clip shape</a>
⊗	Your selected shape overlaps the following: Sempadan Sungai	30.002,3949 m <sup>2</sup>	<a href="#">Clip shape</a>

## Review Coordinates

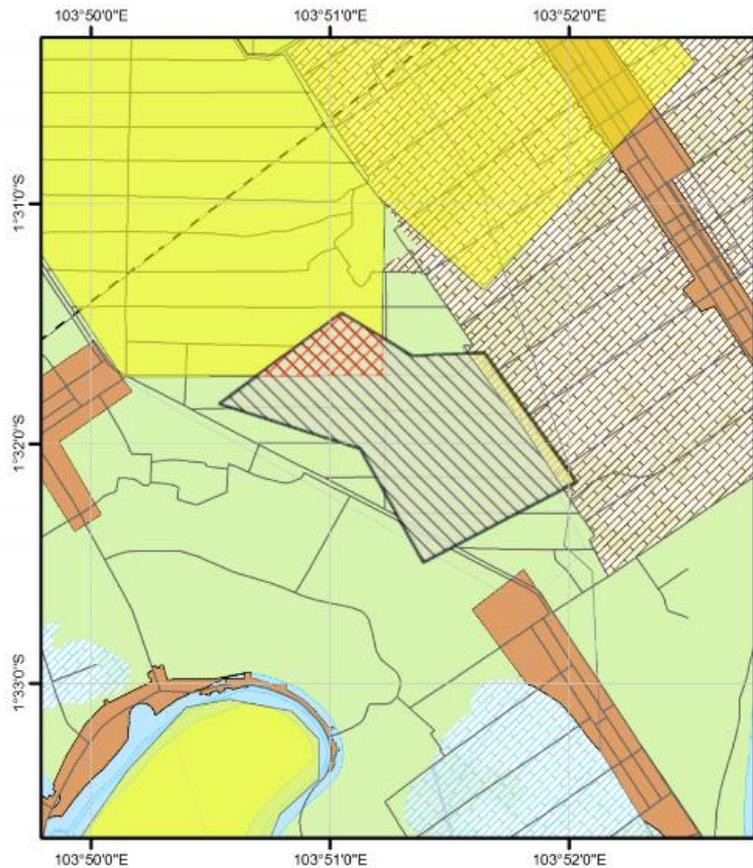


Asli	Baru
Lintang:	Bujur:
1.01° 53' 11.52" S	103° 31' 17.44" E
2.01° 53' 16.46" S	103° 34' 10.47" E
3.01° 51' 37.63" S	103° 37' 8.45" E
4.01° 54' 0.93" S	103° 38' 7.78" E
5.01° 54' 40.46" S	103° 31' 37.21" E
Area:	3483.6756 Ha
Lokasi:	Jambi, KAB. MUARO JAMBI

- Validación de los Permisos de Uso del Suelo:

- Agricultura
- Pesquerías
- Silvicultura
- Industrial
- Militar
- Minería
- Plantaciones
- Asentamientos

# Validaciones Espaciales del Uso de Tierra



PEMERINTAH KABUPATEN  
MUARO JAMBI

Lampiran: Surat Rekomendasi Tata Ruang  
Nomor Perizinan: MJ/BKPRD/KTR/2016/0054\_CH

PETA REKOMENDASI TATA RUANG

PEMILIK: Asian Dimension Pty Ltd

0 0,2250,45 0,9 1,35 1,8 km

Koordinat: WGS 84

### Keterangan

- Permohonan Lokasi
- Semua Izin
- Tumpang Tindih dengan Perizinan Lain
- Jalan
- Tumpang Tindih dengan Rencana Pola Ruang
- Admkecamatan

### Rencana Struktur Ruang

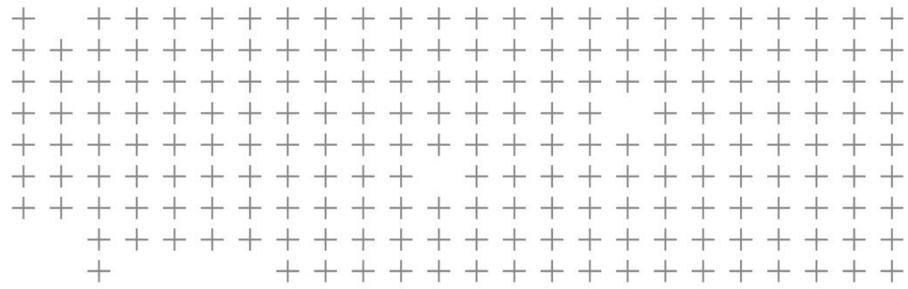
- Dermaga
- IPA PDAM
- waduk
- Bandar Udara
- Terminal Barang
- Terminal Type B
- Terminal Type C
- IPAL Komunal
- IPLT
- TPA Sampah
- Transmisi Gas\_MJ
- air baku
- Jaringan ENergi 500 kVA
- Jaringan Energi 275 KV
- Jaringan Energi 150 KV
- Jaringan Energi 20 KV
- Arteri Primer
- Jalan Bebas Hambatan
- Kolektor Primer 1
- Lokal Primer
- jalur kereta api
- rencana\_ka\_rlj

### Rencana Pola Ruang

- Buper Tempino
- Danau
- HL
- Hutan Produksi Konversi
- Hutan Produksi Terbatas
- Hutan Produksi Tetap
- KSA/KPA
- Kawasan Hankam
- Kawasan Hortikultura
- Kawasan Hutan Rakyat
- Kawasan Industri
- Kawasan Perikanan
- Kawasan Perikanan Kolam
- Kawasan Resapan Air
- Kawasan Wisata Binaan
- Pariwisata (Pemancingan)
- Perkebunan
- Permukiman
- Permukiman Suku Anak Dalam
- Pertambangan Batu Bara
- Pertambangan Kuarsa
- Pertanian Lahan Basah Bukan Irigasi
- Pertanian Lahan Basah Irigasi
- Pertanian Lahan Kering
- Sempadan Danau
- Sempadan Sungai
- Sudetan
- Sungai
- Taman Hutan Raya Tanjung
- Taman Nasional Berbak

# Destacques del Proyecto

- Implementación exitosa en ambiente difícil
  - Toda interacción con usuarios es hecha desde la interfaz del Portal. Landfolio solo es utilizado para configuración
  - Validación especial compleja contra el Plan de Desarrollo Espacial
  - Término del Go-Live en 2016



# Adquisición de Tierras, Reasentamiento y Compensación – Tanzania (African Barrick Gold)

# ABG Proyecto de Compensación

- Mina de Mara Norte, ubicada en la region de Mara - Tanzania, casa del Parque Nacional Serengeti y de más de 1.7 millones de personas



# Manejo Exitoso del Programa de Desplazamiento

Landfolio implementado para manejar el proceso de Adquisición, Desplazamiento y Compensación para relocalación de la comunidad al rededor de la mina.

Indemnización prevista para:

- Tierras
- Cultivos/Arboles
- Edificios
- Tumbas/Cementerio
- Estructuras



# Proceso de Relocación y Indemnización

1. Identificación de áreas de adquisición de tierras
2. Negociar con Aldeanos
3. Levantamiento de parcelas de terrenos individuales: propietarios de tierras y sus arrendatarios (Contratistas de Encuestas)
4. Valoración de la propiedad (Evaluadores Registrados): cultivos, edificios, tumbas, etc.
5. Entrada de Datos/Importación para Landfolio
6. Imprimir Hoja de Indemnización Individual
7. Reunión de Pago

# Formularios de Evaluación

	A	B	C	D	E	F	G
1	<b>Building Type</b>	<b>Quantity</b>	<b>Unit Rate</b>	<b>Depreciation (%)</b>	<b>House</b>	<b>Accommodation</b>	<b>Assign to Owner</b>
2	House No.1: Iron sheet & wooden roof, Burn bricks wall chipping out side & coloured inside, Coloured ceiling board, Wooden iron steel & wire mesh window, 2 rooms, Wooden & coloured doors, Cemented floor	18.4800	250000		Inhabited		
3	House No.2: Iron sheet & wooden roof, Burn bricks wall chipping out side plaster & colour, Coloured ceiling board, Wooden iron steel & wire mesh window, 2 rooms, Wooden doors, Cemented floor.	24.9600	250000		Inhabited		
4	Houser No.3: Thatch roof, Mud bricks wall, 1 room, Wooden door, Mud floor.	7.5500	150000	5%	Inhabited		
5	House No.4: Thatch roof, Mud bricks wall, 1 room, Wooden doors, Mud floor.	12.5700	150000	5%	Inhabited		
6							
7							
8							
9							
10							

	A	B	C	D
1	<b>Crop Type</b>	<b>Unit</b>	<b>Quantity</b>	<b>Maturity (%)</b>
2	Migomba/Bananas	Hectare	0.102	80%
3	Mipapai/Pawpaw	Stem	46	100%
4	Mwembe/Mango	Stem	39	100%
5	Mwembe/Mango	Stem	5	20%
6	Kahawa/Coffee	Stem	11	100%
7	Kahawa/Coffee	Stem	8	70%
8	Machugwa/Oranges	Stem	5	80%
9	Mparachichi/Avocado	Stem	1	100%
10	Mparachichi/Avocado	Stem	1	50%
11	Miti ya Asili/Indigenous Trees	Stem	11	100%
12	Miti ya Asili/Indigenous Trees	Stem	13	60%
13	Mikorosho/Cashew nut	Stem	2	100%
14	Mikorosho/Cashew nut	Stem	1	30%
15	Pilipili manga/Black pepper	Stem	20	80%
16	Miti Kaburi/Mibono/Castor Oil	Stem	1	100%
17	Michongoma/Thorn Tree	Stem	1	100%
18	Katani/Hemp	Stem	300	100%
19	Katani/Hemp	Stem	150	30%
20				
21	Alizeti/Sunflower seed			
22	Aloe Vera/Aloe Vera			
	Ashoka tree			
	Bamia/Okra			
	Beetroot/Beetroot			
	Bilinganya/Eggplant			

# Cálculo de Pagos

- Los ítems incluyen el número de cultivos, tumbas, chozas, etc.

General **Items**

There are 11 Payment Items in the list.

All	Description	Quantities	Value
<input type="checkbox"/>	Katani/Hemp - Stem	186.0000 (Quantity) * 4,681 (Rate) * 1.00 (Maturity)	867,918.00
<input type="checkbox"/>	Mbono/Jatropha - Stem	2.0000 (Quantity) * 20,000 (Rate) * 1.00 (Maturity)	40,000.00
<input type="checkbox"/>	Mikorosho/Cashew nut - Stem	2.0000 (Quantity) * 167,796 (Rate) * 1.00 (Maturity)	335,592.00
<input type="checkbox"/>	Mipapai/Pawpaw - Stem	10.0000 (Quantity) * 10,000 (Rate) * 1.00 (Maturity)	100,000.00
<input type="checkbox"/>	Miti ya Asili/Indigenous Trees - Stem	6.0000 (Quantity) * 13,100 (Rate) * 0.60 (Maturity)	47,160.00
<input type="checkbox"/>	Miti ya Asili/Indigenous Trees - Stem	1.0000 (Quantity) * 13,100 (Rate) * 1.00 (Maturity)	13,100.00
<input type="checkbox"/>	Mlimau/Lemon improved - Stem	1.0000 (Quantity) * 13,000 (Rate) * 1.00 (Maturity)	13,000.00
<input type="checkbox"/>	Mwembe/Mango - Stem	3.0000 (Quantity) * 83,000 (Rate) * 1.00 (Maturity)	249,000.00
<input type="checkbox"/>	Mwembe/Mango - Stem	3.0000 (Quantity) * 83,000 (Rate) * 0.30 (Maturity)	75,750.00
<input type="checkbox"/>	Nyanva/Tomatoes - Stem	5.0000 (Quantity) * 1,500 (Rate) * 0.65 (Maturity)	4,875.00
<input type="checkbox"/>	Pa...		

General **Items**

There are 1 Payment Items in the list.

All	Description	Quantities	Value
<input type="checkbox"/>	Graves	4 (Quantity) * 2,500.00 (Rate)	10,000.00
	<b>Total</b>		<b>10,000.00</b>

# Hoja Individual de Indemnización

PR/0011420

## COMPENSATION SCHEDULE PHASE 19

---

Beneficiary Name(s): [REDACTED]

ID Number: [REDACTED]

Parcel Number: 1 Area: 0.0218 ha

Land Owner Name: [REDACTED]

Village: [REDACTED] Hamlet: [REDACTED]

District: [REDACTED] Region: [REDACTED]

Check Number: [REDACTED]




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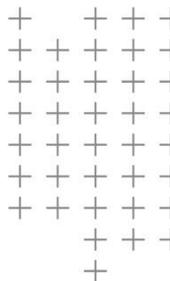
### In-Kind Compensation

Description	Area (m2)
House No. 1 Round Hut, Thatch Roofed, stone and mud wall (Inhabited)	2.1200
House No. 2 Round Hut, Thatch Roofed, stone and mud wall (Inhabited)	2.7000
<b>TOTAL ENTITLEMENT</b>	<b>4.8200</b>

---

### Land, Buildings, Crops and Other Items - Government Rates - Disturbance Allowance Applicable

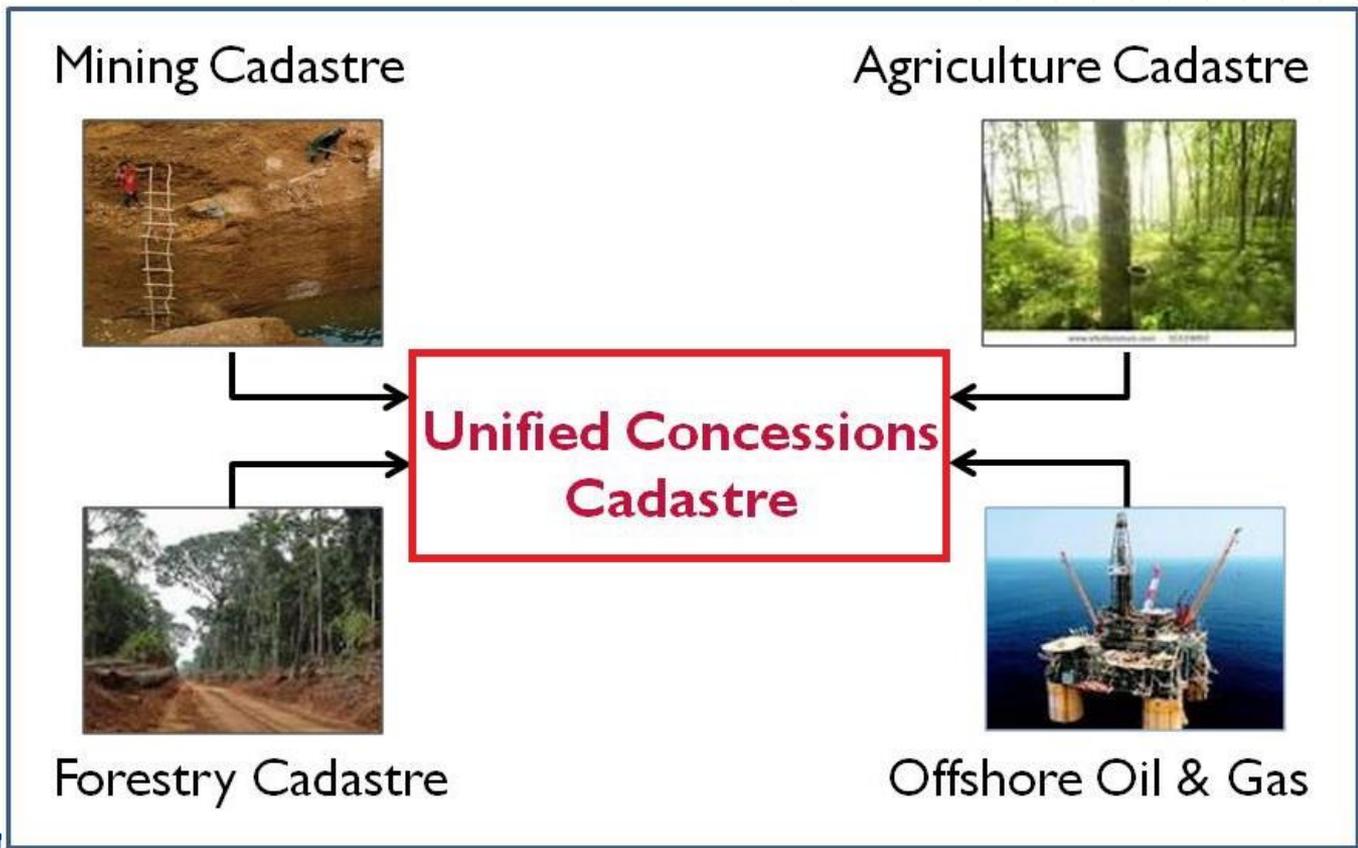
Description	Unit	Quantity	Unit Rate	Value (TSH)
<b>Land</b>				
Land Value	Hectare	0.0218	[REDACTED]	[REDACTED]
<b>Buildings</b>				
Mud Hut (Inhabited) (from Parcel 1A)	Square Meter	1.2000	[REDACTED]	[REDACTED]
House No. 1 Round Hut, Thatch Roofed, stone and mud wall (Inhabited)	Square Meter	2.1200	[REDACTED]	[REDACTED]
House No. 2 Round Hut, Thatch Roofed, stone and mud wall (Inhabited)	Square Meter	2.7000	[REDACTED]	[REDACTED]
House No. 3 Round Hut, Thatch Roofed, stone and mud wall (Inhabited)	Square Meter	2.8000	[REDACTED]	[REDACTED]
House No. 4 Round Hut, Thatch Roofed, stone and mud wall (Uninhabited)	Square Meter	2.4000	[REDACTED]	[REDACTED]
<b>Crops</b>				
Mpera/Guava - 100%	Stem (from Parce)	5.0000	[REDACTED]	[REDACTED]
Mwembe/Mango - 25%	Stem (from Parce)	8.0000	[REDACTED]	[REDACTED]
<b>Other Items</b>				
Graves		1	[REDACTED]	[REDACTED]
Pit Latrine		2	[REDACTED]	[REDACTED]
Fence		1	[REDACTED]	[REDACTED]
<b>Subtotal</b>				[REDACTED]
<b>5% Disturbance Allowance of Government Valuation</b>				[REDACTED]
<b>Allowances - Disturbance Allowance Not Applicable</b>				
<b>Allowances</b>				
Accommodation Allowance	Month	36	[REDACTED]	[REDACTED]
Transportation Allowance			[REDACTED]	[REDACTED]
<b>Subtotal A</b>				[REDACTED]



# Monitoreo de Concesiones - Liberia



# Catastro Nacional de Concesiones de Liberia



# Monitoreo de Concesiones – Por qué?

- Grandes concesiones mineras, forestales y agrícolas, en su mayoría propiedad de unas pocas empresas extranjeras
- Planificación deficiente de la concesión - falta de intercambio de información
- Límites de concesión conflictivos/superpuestos
- Difícil de monitorear el cumplimiento
- Pérdida de ingresos

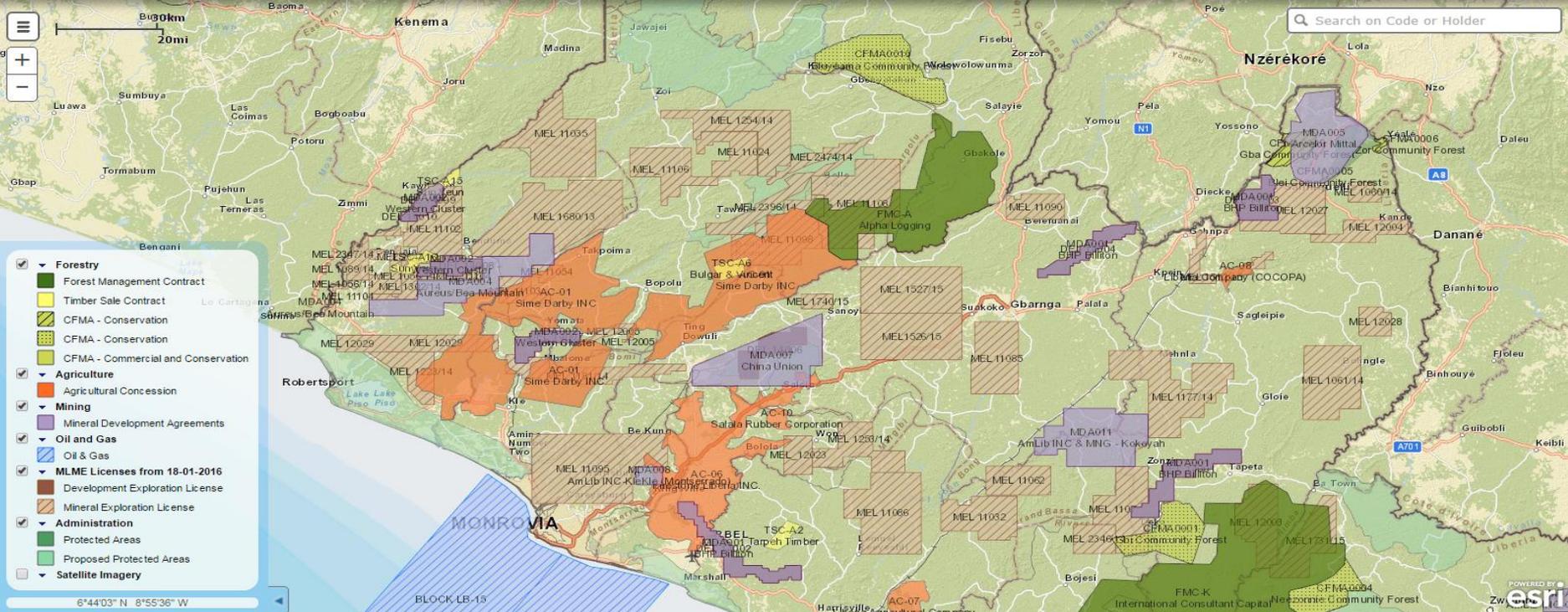
# Portal de Mapa de Concesiones

Liberia Concession Cadastre Portal

spatial dimension

flexicadastre

Search on Code or Holder



# Monitoreo de Concesiones

- Condiciones clave registradas en cada contrato de concesión
- Acciones de 'Monitoreo' trimestrales relacionadas con cada condición

**West African Logging Inc** Status: Active Start Date: 26/Dec/2014  
Sub Type: Community Forest Management Agreement - Commercial End Date: 25/Dec/2029

General Parties (2) **Conditions** Shape (1) Map References Documents Commodities (1) Licenses

Actions Open (148) Actions Closed (28) Roles (4) Audit

There are 18 conditions in the list.

All	Condition Type	Condition Description	Actions
<input type="checkbox"/>	Education	The Company should ensure that there is free Primary education that meets the standards set by the Ministry of Education for all resident dependent children	4
<input type="checkbox"/>	Employment	Holder shall give preference to competent and qualified individuals living in and near the Contract AREA	4
<input type="checkbox"/>	Environmental	Adherence to Riparian Reserve Requirements	4
<input type="checkbox"/>	Environmental	Effluents treated before discharging	4
<input type="checkbox"/>	Environmental	The Company shall periodically update the EIA and EMP to reflect the actual status of Operation	4

# Monitoreo de Concesiones

- Porcentaje de cumplimiento registrado en cada acción
- Informe de seguimiento para resumir los resultados de cada trimestre

Communication : M&E: Housing

**Action** Documents Audit

Due Date: 31/Jul/2015

Condition: Housing Prior to the start of commercial production, the company shall provide temporary single person accommodation to employees and permitted Liberian operator working away from their residence

Reporting Period: From: 01/Apr/2015 To: 30/Jun/2015

Reference Number:

Comments:

Decision Result:

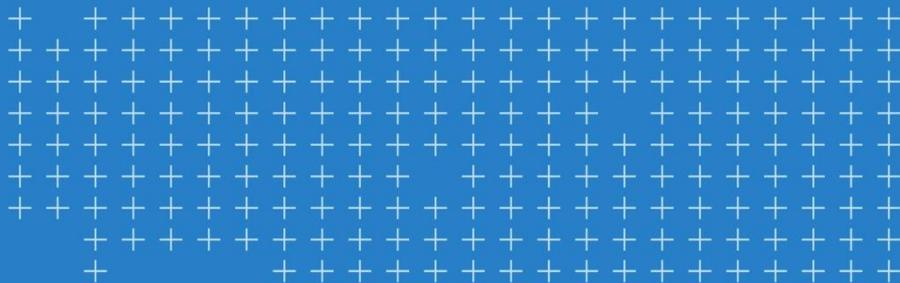
**Action Status**

- 0%
- 1 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 99%
- 100% - Obligation fulfilled
- 100% - Continue monitoring
- Not evaluated

by NBC Forestry (Monitoring Officer)

# Concession Monitoring

	A	B	C	D	E	F	G	H	I	J
1	<b>Concession Monitoring Report</b>									
2										
3	<b>West African Logging Inc</b>						<b>Start Date</b> 26/12/2014			
4							<b>Expiry Date</b> 25/12/2029			
5	Condition Type	Description	Action	Due Date	Closed Date	Result	Comments			
6	Education	The Company should ensure that there is free Primary education that meets the standards set by the Ministry of Education for all resident dependent children	M&E: Education	31/07/2015	26/07/2015	76 - 99%	Very good compliance - almost all children have access to primary school education			
7	Employment	Holder shall give preference to competent and qualified individuals living in and near the Contract AREA	M&E: Employment	31/07/2015	26/07/2015	1 - 25%	Minimal qualified local staff not employed during the scheduled evaluation period			
8	Environmental	Adherence to Riparian Reserve Requirements	M&E: Environmental	31/07/2015	26/07/2015	26 - 50%	Company met only 4 out of the 10 EPA requirements			
9	Environmental	The Company shall periodically update the EIA and EMP to reflect the actual status of Operation	M&E: Environmental	31/07/2015	26/07/2015	51 - 75%	More regular updates to EIA required			
10	Environmental	Effluents treated before discharging	M&E: Environmental	31/07/2015	26/07/2015	26 - 50%	Effluents treatment not up to standard - will have to improve			
11	Environmental	Waste Management Practices Acceptable	M&E: Environmental	31/07/2015	26/07/2015	51 - 75%	Currently only 50% compliant with standard waste management practices			
12	Health	The company shall construct hand pumps or other sources of water at its workplaces that ensures convenient of clean and safe water	M&E: Health	31/07/2015	02/08/2015	76 - 99%	Company provides transport to local clinic. Reports are that patients sometimes have to wait for 2 days for vehicle to become available for transportation.			
13	Health	All Liberian employees and their families must have free access to Health Care Facilities	M&E: Health	31/07/2015						
14	Housing	Prior to the start of commercial production, the company shall provide temporary single person accommodation to employees and permitted Liberian operator working away from their residence	M&E: Housing	31/07/2015						



**Gracias!**