



flexicadastre

*Governance - Risk - Compliance*

# Portal Gubernamental En Línea

*2ª LARUC - FlexiCadastre  
Conferencia Regional de Usuarios Latinoamérica*

*Lima, Septiembre 3 y 4, 2015*

*Rogelio Castejon – Manager Latin America*

spatial dimension

# Gestion de Recursos Naturales



*... Un enfoque más integrado y global de la gestión de los recursos naturales, que abarca la cadena de valor las industrias extractivas (**El Value Chain**) e incluye todas las fases y los impactos de la extracción de recursos.-- World Bank*



# Qué es un Catastro Minero?

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## Concesión de Títulos Mineros

- ❑ Es la institución pública principal que se maneja títulos mineros en el país.
- ❑ Integran los aspectos normativo, institucional y tecnológico de la administración de los derechos minero y
- ❑ constituye la piedra angular de una buena gestión de los recursos minerales de un país.

# Qué es un Catastro Minero?

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## Institución Pública Principal

- ❑ Gobiernos otorgan exploración minera y los derechos mineros en áreas particulares mediante concesiones, arrendamientos, licencias y acuerdos.
  - ❑ Procedimientos de concesión eficientes y eficaces :
    - Un marco legal y regulatorio claro
    - Responsabilidades institucionales bien definidos
    - Procedimientos transparentes y no discrecionales
-  **flexicadastre** spatial dimension

# Qué es un Catastro Minero?

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## Procesos de Negocio

Catastro minero sigue los pasos siguientes en la administración de títulos mineros:

- ❑ Captura solicitudes para diversos tipos de Derechos mineros (es decir, la prospección, exploración, desarrollo de minas)
- ❑ Registro de cambios y actualizaciones a los títulos mineros

# Qué es un Catastro Minero?

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## Procesos de Negocio

Cont...

- ❑ Comprueba las solicitudes de derechos de los posibles superposiciones
- ❑ Apoya a la autoridad otorgante de si una solicitud de derecho es técnicamente admisible o no
- ❑ Apoya cumplimiento- es decir, tasas, impuestos, regalías
- ❑ Apoya a la autoridad que concede cuando los títulos mineros deben ser canceladas

# Principios que Gobiernan los Derecho Mineros

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- ❑ Típicamente, los recursos minerales pertenecen al Estado.
- ❑ El derecho a explorar y explotar los recursos minerales puede ser transferido
- ❑ El derecho minero otorgado a través de licencia o contrato de arrendamiento son consideran de bienes raíces, pero independientes de la superficie de la tierra o los derechos de propiedad.
- ❑ Los titulares de lo derechos deben cumplir con las condiciones preestablecidas para mantener sus derechos sobre el área.
- ❑ Cuando vence la validez del titulo otorgados, los derechos vuelven al estado.

# Principios que Gobiernan los Derecho Mineros

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Reglas que deben ser observadas por un catastro minero:

- ❑ Seguridad de la concesión - el derecho de transferir el título a tercero, y el derecho a hipotecar el título para recaudar fondos.
- ❑ Seguro de título - Licencias y derechos minerales no puede ser suspendida o revocada salvo por razones específicas (marco legal)
- ❑ "En primer llegado, primer servido".
- ❑ Subastas - Subasta áreas disponibles cuando los recursos o reservas se han evaluado o deducida dentro de un rango aceptable de probabilidad.

# Principios que Gobiernan los Derecho Mineros

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## Una talla sirve TODAS?

Una misma talla no sirve para todos y que las circunstancias específicas de cada país debe tenerse en cuenta en el diseño y la administración de catastros mineros

# Principios que Gobiernan los Derecho Mineros

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## Principios de la Implementación

Debe enfocarse en proteger y garantizar los derechos tanto del Estado y de sus respectivos propietarios.

- Transparencia en la gestión catastral para ambos procedimientos catastrales e información
- Todos los criterios deberán ser objetivos y no están sujetas a la interpretación
- Decisiones no discrecionales

# Desafíos de la Implementación

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- Voluntad política
- Los intereses creados en los procesos no transparentes
- Cambios regulatorios en curso
- Un gran número de puntos de contacto, incluidos los organismos externos
- Calidad de los datos históricos
- Gestión de los intereses de gran escala y sectores artesanales
- Gestión de los intereses de las empresas locales y extranjeras
- Infraestructura, sobre todo en las ciudades del interior del país
- Atención al Usuario
- Fecha de las próximas elecciones ....

# Tipos de Sistemas de Catastro Minero

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- **Sistemas basados en Papel**
  - Sólo los registros impresos disponibles con los datos digitales limitados
- **Sistemas Basados GIS (Geographic Information System)**
  - Incluye una aplicación de mapas (ArcGIS, MapInfo, etc) con la base de datos asociada (MS Access, MS Excel, etc)
- **Sistemas Informatizado de Catastro Minero**
  - Integra las leyes pertinentes y los procesos de negocio reguladoras y fuerzas de integridad de los datos
- **Portales Públicos de Catastro Minero**
  - Proporciona acceso en línea a un mapa dinámico de licencia
- **Portales Transaccionales de Catastro Minero**
  - Permite transacciones en línea, es decir nuevas aplicaciones, renovaciones, transferencias, etc

# La Evolución de los Sistemas de Catastro Minero

Gestion de Flujoigramas

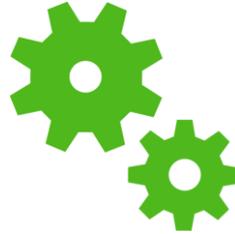


**Evolucion de los procesos manuales**



**Portales de Catastro Minero**

Mapas de Derechos en Linea

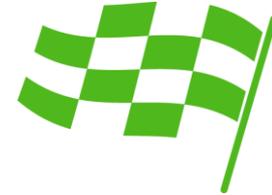


**Mapeamiento Dinamico**



**Portales de Mapa de Derechos en Linea**

Transacciones en Linea



**Transparencia**



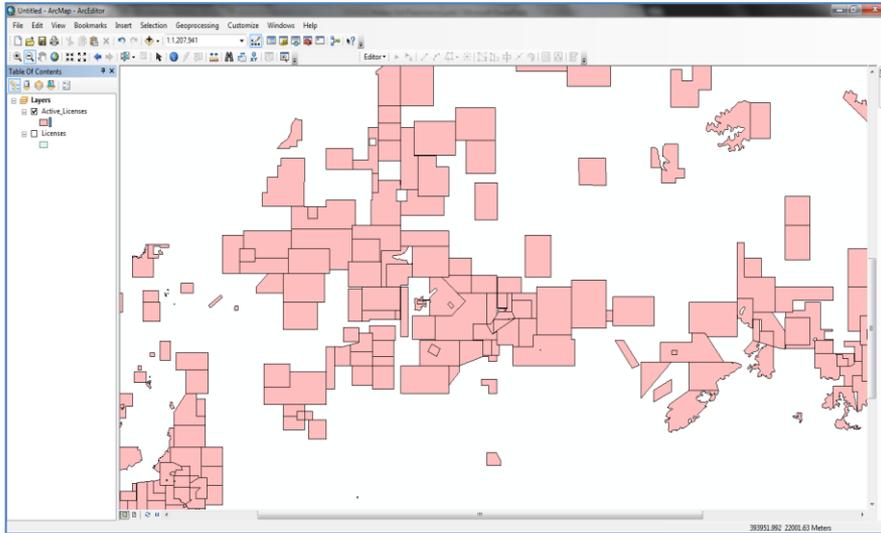
**Portales de Solicitud de Derechos en Linea**

# Sistemas Basados en Papel

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# Sistemas Basados en GIS



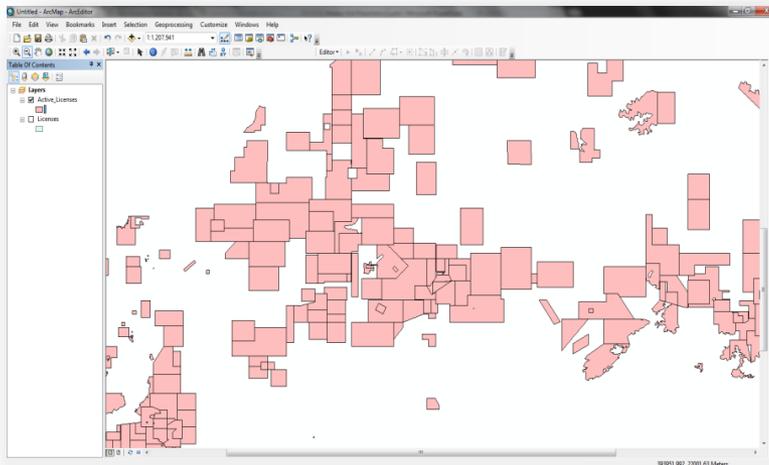
**ArcGIS – Only records the spatial information**

| MINING LICENCES AS AT SEPT 2012 |            |            |   |                |                          |
|---------------------------------|------------|------------|---|----------------|--------------------------|
| LIC NO                          | ISS DATE   | EXP DATE   | COMPANY                                 | ADDRESS        | MINERALS                 |
| ML0002                          | 17/11/2011 | 17/11/2016 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0003                          | 26/06/2012 | 25/06/2017 | MASTER STONE BREAKERS                   | P.O BOX 321    | ROCK AGGREGATE           |
| ML0019                          | 28/06/1995 | 27/06/2020 | ILOMBA GRANITE COMPANY LTD              | P. O. BOX 1226 | SODALITE                 |
| ML0046R                         | 11/08/2004 | 08/10/2019 | SHAYONA CEMENT CORPORATION              | P.O. BOX 679   | LIMESTONE                |
| ML0075R                         | 30/04/2008 | 29/04/2013 | ZALEWA AGRICULTURE LIME                 | P. O. BOX 1669 | LIMESTONE                |
| ML0082R                         | 20/12/2010 | 19/12/2015 | SHIRE CONSTRUCTION CO.                  | P. O. BOX 129  | AGGREGATE                |
| ML0118                          | 17/09/2007 | 16/09/2012 | KAZIWIZWI MINING COMPANY                | P.O. BOX 660   | COAL                     |
| ML0122                          | 18/05/2003 | 17/05/2028 | LYNAS AFRICA LIMITED                    | P.O. BOX 2507  | RARE EARTH MINERALS      |
| ML0125R                         | 18/11/2008 | 17/11/2013 | TERRASTONE LIMITED                      | P. O. BOX 995  | ROCK AGGREGATE           |
| ML0130                          | 28/07/2004 | 27/07/2014 | SHAYONA CEMENT COMPANY                  | P.O. BOX 679   | IRON                     |
| ML0131                          | 16/12/2004 | 15/12/2029 | ALLIED PROCUREMENT AGENCY               | P.O. BOX 135   | HEAVY MINERAL SANDS      |
| ML0134                          | 20/04/2010 | 20/04/2015 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0135                          | 05/07/2025 | 05/07/2025 | MEAN JALAWE COAL MINE                   | P.O. Box 30913 | COAL                     |
| ML0136                          | 05/07/2010 | 05/07/2020 | MASTER STONE BREAKERS                   | P.O BOX 321    | ROCK AGGREGATE           |
| ML0141                          | 28/12/2012 | 28/12/2012 | ROCKSIZER MINING CONTRCTORS             | P.O. BOX 591   | ROCK AGGREGATE           |
| ML0142                          | 30/12/2005 | 29/12/2015 | SHAYONA CEMENT CORPORATION              | P.O. BOX 697   | LIMESTONE                |
| ML0143                          | 30/12/2005 | 29/12/2015 | CONSOLIDATED MINING INDUSTRIES LTD      | P.O. BOX 1155  | COAL                     |
| ML0144                          | 01/11/2006 | 31/10/2016 | FLUORIDE CEMENT CO LIMITED              | P.O. BOX 316   | LIMESTONE                |
| ML0150                          | 02/10/2007 | 01/10/2017 | NYALA MINES LIMITED                     | P.O. BIX 112   | CORUNDUM, RUBY, SAPPHIRE |
| ML0151                          | 02/04/2007 | 01/04/2017 | CORONATION MINING LTD                   | P.O. BOX 379   | LIMESTONE                |
| ML0152                          | 02/04/2007 | 01/04/2022 | PALADIN (AFRICA) LTD                    | P/BAG 32       | URANIUM                  |
| ML0156                          | 12/07/2007 | 11/07/2012 | CHIWETA COAL MINING AND MINERAL COMPANY | P.O. BOX 330   | COAL                     |
| ML0157                          | 19/12/2007 | 18/12/2012 | KASYOLOLO INVESTMENTS                   | P.O. BOX 74    | COAL                     |
| ML0158                          | 18/12/2012 | 17/12/2017 | ELAND COAL MINING COMPANY LIMITED       | P.O. BOX 426   | COAL                     |
| ML0159                          | 18/12/2012 | 17/12/2017 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0161                          | 24/12/2007 | 23/12/2012 | PREMIER CONSTRUCTION EQUIPMENTS LIMITED | P.O. BOX 1259  | ROCK AGGREGATE           |
| ML0162                          | 15/08/2008 | 14/08/2013 | COMMERCIAL QUARRY                       | P.O. BOX 31257 | AGGREGATE                |
| ML0163                          | 29/07/2008 | 28/07/2023 | CROWN MINERALS LTD                      | P/BAG 31       | TITANIUM MINERALS        |

**MS Excel – Only records the tabular information**

# Sistemas Basados en GIS

- La supervisión del cumplimiento limitado
- Monitoreo ineficiente de los ingresos y comunicación con los interesados
- informes Manual
- Ninguna notificación (caducidad, honorarios, etc.)
- Ineficiente y abierto a la manipulación



GIS – Only records the spatial information

| MINING LICENCES AS AT SEPT 2012 |            |            |   |                |                          |
|---------------------------------|------------|------------|---|----------------|--------------------------|
| LIC NO                          | ISS DATE   | EXP DATE   | COMPANY                                 | ADDRESS        | MINERALS                 |
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| ML0082R                         | 20/12/2010 | 19/12/2015 | SHIRE CONSTRUCTION CO.                  | P.O. BOX 129   | AGGREGATE                |
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| ML0125R                         | 18/11/2008 | 17/11/2013 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0130                          | 28/07/2004 | 27/07/2014 | SHAYONA CEMENT COMPANY                  | P.O. BOX 679   | IRON                     |
| ML0131                          | 16/12/2004 | 15/12/2029 | ALLIED PROCUREMENT AGENCY               | P.O. BOX 135   | HEAVY MINERAL SANDS      |
| ML0134                          | 20/04/2010 | 20/04/2015 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0135                          | 05/07/2025 | 05/07/2025 | MEAN JALAWE COAL MINE                   | P.O. Box 30913 | COAL                     |
| ML0136                          | 05/07/2010 | 05/07/2020 | MASTER STONE BREAKERS                   | P.O BOX 321    | ROCK AGGREGATE           |
| ML0141                          | 28/12/2012 | 28/12/2012 | ROCKSIZER MINING CONTRACTORS            | P.O. BOX 591   | ROCK AGGREGATE           |
| ML0142                          | 30/12/2005 | 29/12/2015 | SHAYONA CEMENT CORPORATION              | P.O. BOX 697   | LIMESTONE                |
| ML0143                          | 30/12/2005 | 29/12/2015 | CONSOLIDATED MINING INDUSTRIES LTD      | P.O. BOX 1155  | COAL                     |
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| ML0150                          | 02/10/2007 | 01/10/2017 | NYALA MINES LIMITED                     | P.O. BOX 112   | CORUNDUM, RUBY, SAPPHIRE |
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| ML0152                          | 02/04/2007 | 01/04/2022 | PALADIN (AFRICA) LTD                    | P/BAG 32       | URANIUM                  |
| ML0156                          | 12/07/2007 | 11/07/2012 | CHIWETA COAL MINING AND MINERAL COMPANY | P.O. BOX 330   | COAL                     |
| ML0157                          | 19/12/2007 | 18/12/2012 | KASYOLOLO INVESTMENTS                   | P.O. BOX 74    | COAL                     |
| ML0158                          | 18/12/2012 | 17/12/2017 | ELAND COAL MINING COMPANY LIMITED       | P.O. BOX 426   | COAL                     |
| ML0159                          | 18/12/2012 | 17/12/2017 | TERRASTONE LIMITED                      | P.O. BOX 995   | ROCK AGGREGATE           |
| ML0161                          | 24/12/2007 | 23/12/2012 | PREMIER CONSTRUCTION EQUIPMENTS LIMITED | P.O. BOX 1259  | ROCK AGGREGATE           |
| ML0162                          | 15/08/2008 | 14/08/2013 | COMMERCIAL QUARRY                       | P.O. BOX 31257 | AGGREGATE                |
| ML0163                          | 29/07/2008 | 28/07/2023 | CROWN MINERALS LTD                      | P/BAG 31       | TITANIUM MINERALS        |

MS Excel – Only records the tabular information



# Sistemas Informatizado de Catastro Minero

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## Beneficios:

- ✓ Procesos diseñados de acuerdo con las leyes y reglamentos
  - ✓ Proporciona herramientas para capturar con precisión los datos catastrales
  - ✓ Validación de superposición de los Derechos Mineros en el la solicitud
  - ✓ Reduce los posibles conflictos con las licencias y las áreas restringidas
  - ✓ Notifica y próximas renovaciones y vencimientos
  - ✓ Asegura la auditoría de datos completa
- 
- Resulta en la BUENA GESTION DE DATOS
  - Resulta en la BUENA CALIDAD DE LOS DATOS
  - Permite la Publicación de Datos Correctos en LÍNEA

# Sistemas Informatizado de Catastro Minero

- ✓ Mejora el cumplimiento de las Leyes y Reglamentos Minería
- ✓ Aumenta la confianza de los inversores
- ✓ Maximiza la recaudación de ingresos
- ✓ Transparencia de primer llegado, primer servido principio
- ✓ Reducción significativa del tiempo de procesamiento

Permis > Détails

**6** Type de Permis: Permis d'Exploitation  
 Date d'Octroi: 02/10/2006 Statut: Actif-En Convention  
 Date de Fin de Validité: 04/07/2016 Numéro de Demande:

Les Parties du Permis: SOCIETE AURIFERE DU KIVU ET DU MANIEMA "SAKIMA SARL" (100%)  
 1ère Date d'Octroi:

Général Parties (1) Conditions **Forme** Références Cartographiques (5) Documents Codes de Référence (3) Substances (4)

Accords (1) Groupes Permis Associés Actions Ouvertes (13) Actions Clôturées (8) Comptes de Travail Rôles Audit

**Superficie de la Forme**  
 Superficie Officielle: 34 Carré   
 Superficie Calculée: 34 Carré  
 Système de Coordonnées: GCS WGS84  
 Afficher coordonnées en:  DMS  DD

**Parties de la Forme**

Partie  
 Part 1

Ajouter une coordonnée à la partie

Coordonnées de la Partie: Unité: Degree

| Ordre: | Lat Deg | Lat Min | Lat Sec | N/S | Long Deg | Long Min | Long Sec | E/O |
|--------|---------|---------|---------|-----|----------|----------|----------|-----|
| 1      | 2       | 57      | 30,00   | S   | 27       | 50       | 30,00    | E   |
| 2      | 2       | 54      | 30,00   | S   | 27       | 50       | 30,00    | E   |
| 3      | 2       | 54      | 30,00   | S   | 27       | 53       | 0,00     | E   |
| 4      | 2       | 55      | 30,00   | S   | 27       | 53       | 0,00     | E   |
| 5      | 2       | 55      | 30,00   | S   | 27       | 53       | 30,00    | E   |
| 6      | 2       | 57      | 30,00   | S   | 27       | 53       | 30,00    | E   |

Afficher l'aperçu de la carte

Permis > Détails

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Accords (1) Groupes Permis Associés **Actions Ouvertes** Actions Clôturées (8) Comptes de Travail Rôles Audit

Afficher seulement: TOUT TOUT Ne pas montrer les Actions Secondaires:  Dû: TOUT

**Actions Directes**  
 Il y a 13 Action(s) dans la liste.

| Tout                     | Type | Statut | Action   | Dû         | Terminé | Clôturé Par | Action Secondaire | Utilisateur Responsable |
|--------------------------|------|--------|--|------------|---------|-------------|-------------------|-------------------------|
| <input type="checkbox"/> |      |        | Expiration   | 04/07/2016 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Paiement Droits Superficiaires Prorata Temporis (USD 8831,07) | 31/03/2016 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Impression ND Prorata Temporis (Hardcopy)                     | 01/01/2016 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | Dépôt du Renouvellement  | 04/07/2015 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Paiement Droits superficiaires Anuel (USD 17377,26)           | 31/03/2015 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Impression ND au Titulaire (Hardcopy)                         | 01/01/2015 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Paiement Droits superficiaires Anuel (USD 17377,26)           | 31/03/2014 |         |             |                   |                         |
| <input type="checkbox"/> |      |        | PMT: Impression ND au Titulaire (Hardcopy)                         | 01/01/2014 |         |             |                   |                         |

# Portales Públicos de Catastro Minero

Tanzania Mining Cadastre

www.flexicadastre.com/tanzania/

## Tanzania Mining Cadastre Map

Search:

The Ministry of Energy and Minerals (MEM) is currently carrying out data validation of all licenses. This site was developed to improve transparency in the minerals sector and to allow the public to participate in the ongoing validation process. Please contact MEM if data issues are noted. [\(read more\)](#)

**Code:** PL 8054/2012  
**Type:** Prospecting Licence - Metallic Minerals  
**Status:** Active  
**Date Applied:** 2012/02/02 10:30:00 AM  
**Date Granted:** 2012/06/18  
**Date Expires:** 2016/06/17  
**Parties:** Global Mineral Exploration Limited (100%)  
**AreaValue:** 154.43  
**AreaUnit:** Square Kilometres  
**Resources:** Gold

- Active PL Licenses
- Application PL Licenses
- Active ML Licenses
- Application ML Licenses
- Active RL Licenses
- Application RL Licenses
- Active SML Licenses
- Application SML Licenses
- Active PML Licenses
- Application PML Licenses
- Protected Areas

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spatial dimension

# Portales Transaccionales de Catastro Minero

**Zambia Ministry of Mines, Energy and Water Development**  
License Management System

powered by: **flexicadastre**

**Bill Feast**

- Edit your profile
- Logout

**Manage Licenses**

- View Licenses
- Apply for a License
- Upcoming Renewals
- Outstanding Payments
- Outstanding Reports

**Public Information**

- Licenses Map
- Mining Regulations

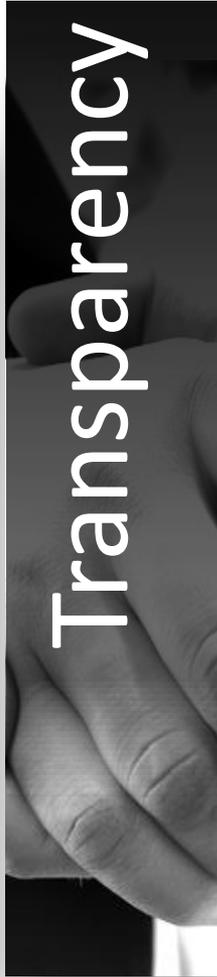
**Your Licenses - Bonjourno Exploration and Mining**

| Code                         | Type | Status                | Application Date | Granted Date | Expiry Date |
|------------------------------|------|-----------------------|------------------|--------------|-------------|
| <a href="#">8085-HQ-LPL</a>  | PL   | Active                | 09/10/2002       | 18/12/2003   | 17/12/2009  |
| <a href="#">8130-HQ-LPL</a>  | PL   | Active                | 28/02/2003       | 30/04/2004   | 29/04/2010  |
| <a href="#">8131-HQ-LPL</a>  | PL   | Active                | 28/02/2003       | 30/04/2004   | 29/04/2012  |
| <a href="#">8153-HQ-LPL</a>  | PL   | Active                | 17/03/2003       | 14/05/2004   | 10/11/2010  |
| <a href="#">8327-HQ-LPL</a>  | PL   | Active                | 22/02/2005       | 31/01/2006   | 30/03/2012  |
| <a href="#">11000-HQ-LPL</a> | PL   | Application Validated | 06/02/2013       |              |             |
| <a href="#">11110-HQ-LPL</a> | PL   | Application           | 06/02/2013       |              |             |
| <a href="#">11111-HQ-LML</a> | LML  | Active                | 08/12/2010       | 17/03/2011   | 16/03/2036  |

**Map of your Licenses**

# Los atributos clave de un Sistema de Catastro Minero

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# Configurable

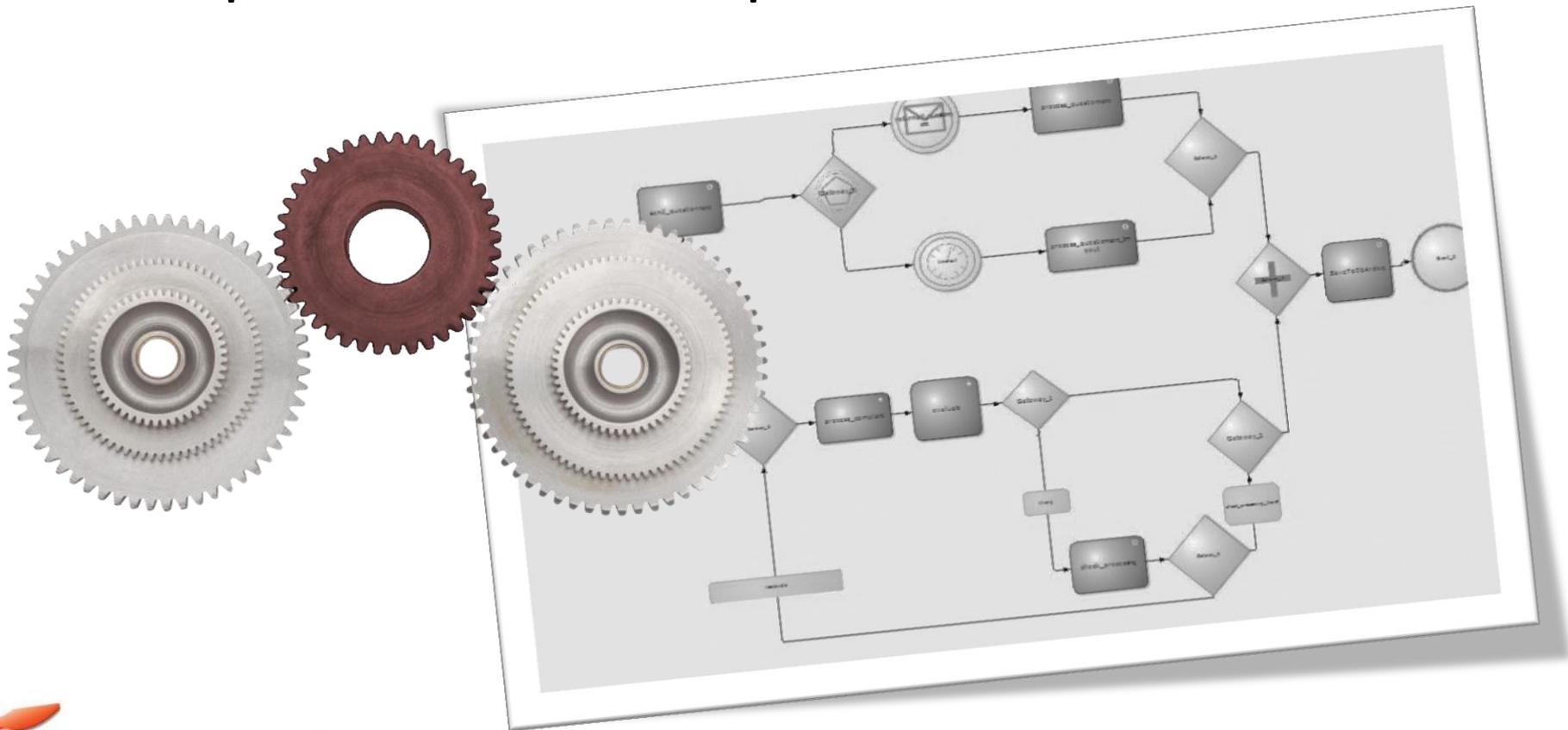
---

Flujos de trabajo totalmente configurables  
para cumplir con los requisitos legales



# Configurable

Flujos de trabajo totalmente configurables  
para modelar los procesos internos





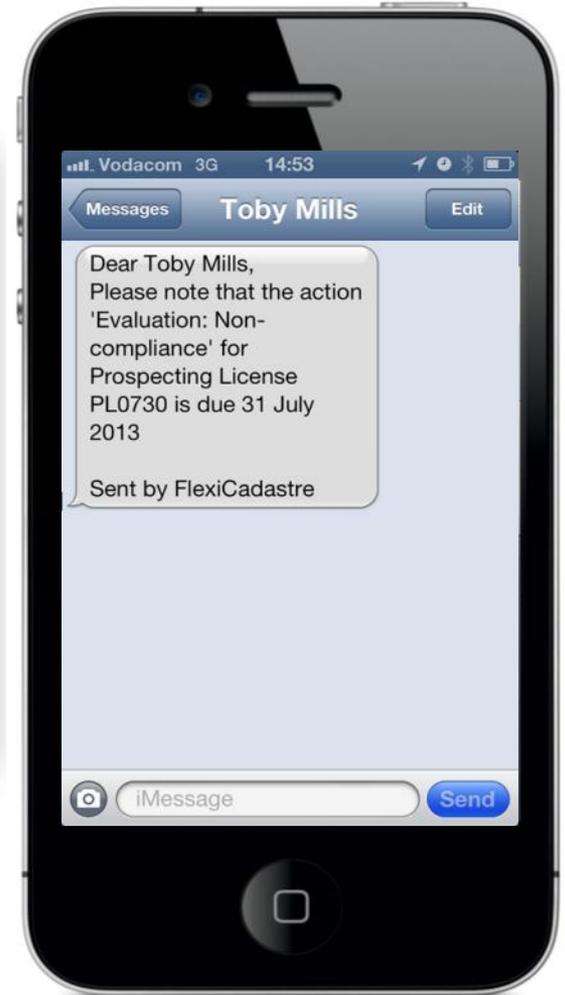
# “Configurabilidad”

---

Configurar Notificaciones  
de los plazos internos



# “Configurabilidad”



# “Configurabilidad”

## Reportes

### License Details

1 (1)  
ON Claim (Exploration)

Inactive (Patented)  
Operator

General

Jurisdiction: Ontario Application Date:

### 90 day Payment Expiry

| Associated Object Type         | Associated Object   | Status | Action Necessary               | Due Date   | Closed Date | Responsible User |
|--------------------------------|---------------------|--------|--------------------------------|------------|-------------|------------------|
| License (ON-Drillhole License) | ON Year 0-2009(000) | Active | Annual License (ON-0-2009-000) | 12/04/2013 |             | Stuart Davies    |
| License (ON-ON-Claim)          | 8917                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| North (2nd Parallel)           | 8918                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| License (ON-ON-Claim)          | 8919                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| North (2nd Parallel)           | 8920                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| License (ON-ON-Claim)          | 8921                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| North (2nd Parallel)           | 8922                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |

### 90 day Payment Expiry

| Associated Object Type         | Associated Object   | Status | Action Necessary               | Due Date   | Closed Date | Responsible User |
|--------------------------------|---------------------|--------|--------------------------------|------------|-------------|------------------|
| License (ON-Drillhole License) | ON Year 0-2009(000) | Active | Annual License (ON-0-2009-000) | 12/04/2013 |             | Stuart Davies    |
| License (ON-ON-Claim)          | 8917                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| North (2nd Parallel)           | 8918                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |
| License (ON-ON-Claim)          | 8919                | Active | Claim Renewal Fee (ON-03-89)   | 12/04/2013 |             | Stuart Davies    |

### License Details

1 (1)  
ON Claim (Exploration)

Inactive (Patented)  
Operator

General

Jurisdiction: Ontario Application Date:

Region: Sud-Montreal-Verdun

Official Area: 26,280 Ha

Application Number:

Filed Date:

Granted Date: 06/Mar/1922

Renewed Date:

Expiry Date:

Annual Period:

Date:

### Overdue Payments

#### Overdue Payments (ZAR)

| Quarter | Sum of Payment Values (ZAR) |
|---------|-----------------------------|
| 2011 Q1 | 150                         |
| 2011 Q2 | 150                         |
| 2011 Q3 | 100                         |
| 2011 Q4 | 350                         |
| 2012 Q1 | 100                         |
| 2012 Q2 | 1000                        |
| 2012 Q3 | 350                         |
| 2012 Q4 | 250                         |
| 2013 Q1 | 450                         |

Sum of Payment Values

Action Due Date (Quarters)

### License Details

1 (1)  
ON Claim (Exploration)

Inactive (Patented)  
Operator

Coordinates

Official Area: 26,280 Ha

Coordinate system: GCS\_North\_America\_1983

| Part | Latitude         | Longitude        |
|------|------------------|------------------|
| 1    | 49° 30' 36.32" N | 89° 50' 19.32" W |
| 2    | 49° 30' 36.23" N | 89° 50' 37.46" W |
| 3    | 49° 30' 36.26" N | 89° 50' 36.82" W |
| 4    | 49° 30' 27.57" N | 89° 50' 36.88" W |
| 5    | 49° 30' 27.47" N | 89° 50' 27.57" W |
| 6    | 49° 30' 27.57" N | 89° 50' 19.36" W |

License Shape

Map References

| Map Reference | Category        | Full Map Reference         | Area Percentage |
|---------------|-----------------|----------------------------|-----------------|
| Cadastral     | Township        | Canada, Ontario, Cadastral |                 |
| Parcels       | Mining District | Canada, Ontario, Parcels   |                 |

25/May/2013

flexicadastre

spatial dimension

Page 2 of 3

Department of Mines, Minerals and Energy

### 90 Day upcoming payments

Action List

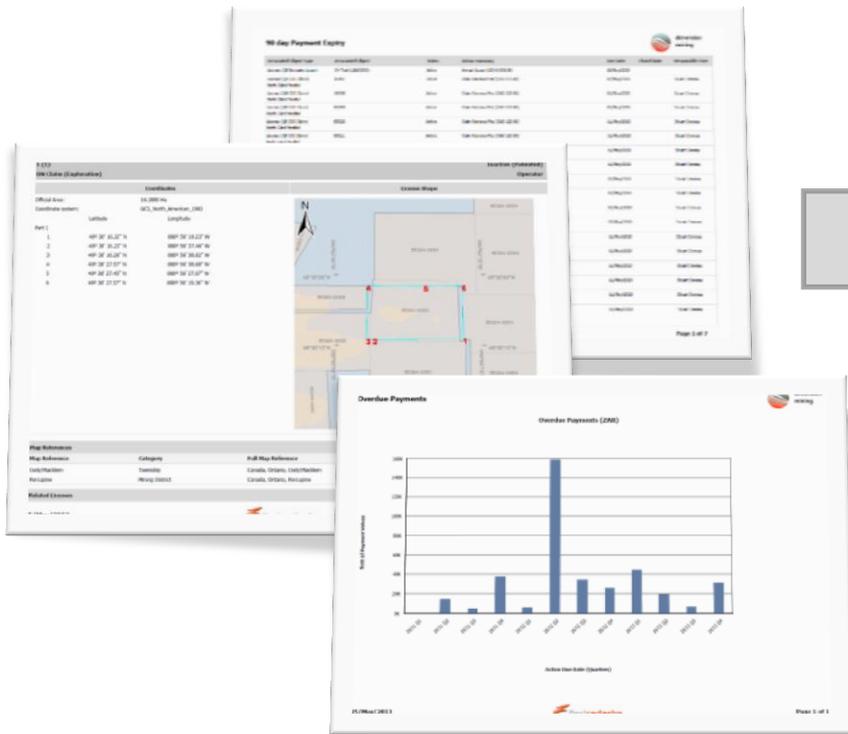
11/Jan/2013

Author: Toby Mills

flexicadastre

# Configurabilidad

Programar distribución de reportes de forma automática



# Transparencia

---

Registro completo de cada acuerdo y todos los pagos de todas las empresas



# Transparencia

---

- Extractive Industries Transparency Initiative



... a globally developed standard that ensures more transparency and better governance of a country's oil and mining resources



**COMPANIES**  
disclose payments



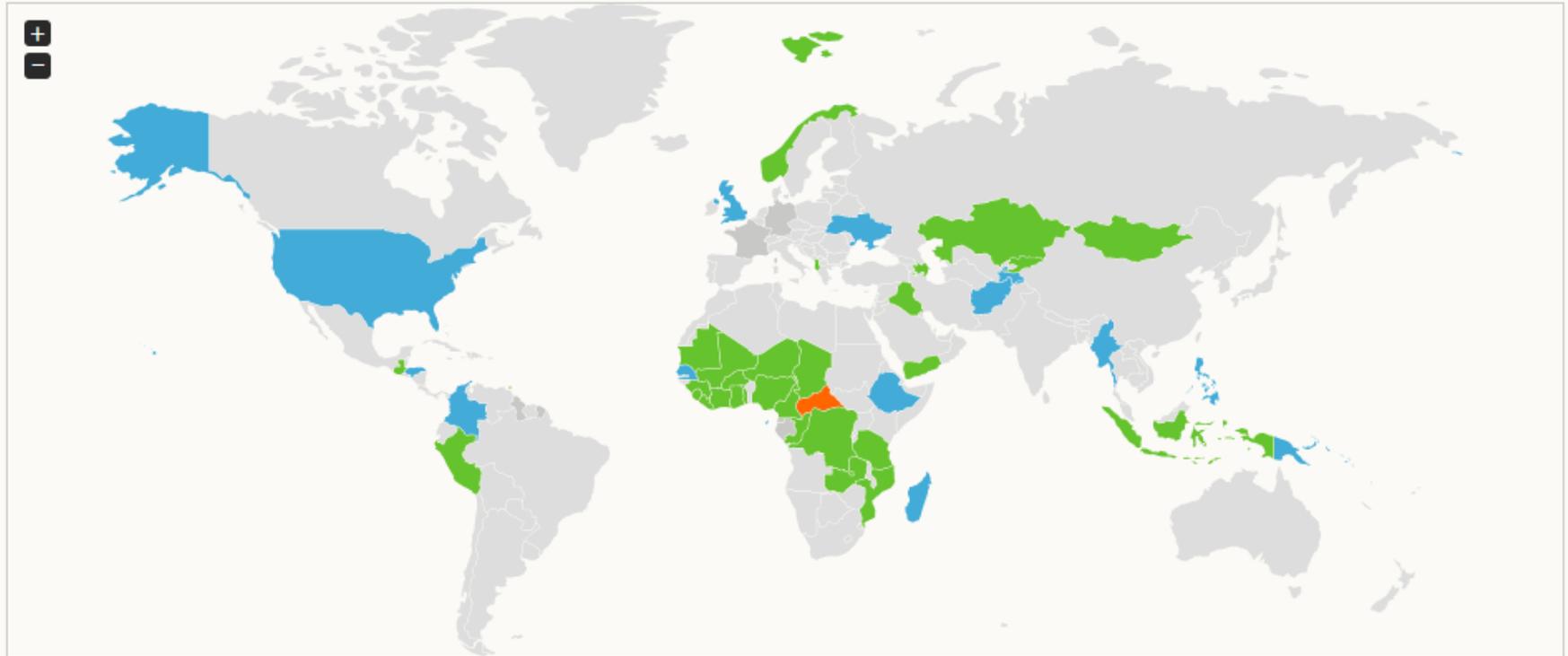
**EITI REPORT**  
tax and royalty payments  
independently verified  
and reconciled



**GOVERNMENTS**  
disclose receipt  
of payments

# Transparencia

## EITI Countries



■ EITI Candidate Country - implementing EITI, not yet compliant

■ EITI Compliant Country - confirmed to have met all EITI requirements

■ Other

■ Suspended - Compliant/Candidate status is temporarily suspended

# Ingresos



# Ingresos

---

Programación y Cálculo Correcto de cada pago



# Ingresos

---

Monitoreo de las obligaciones no pagadas  
Proceso Automático de seguimiento



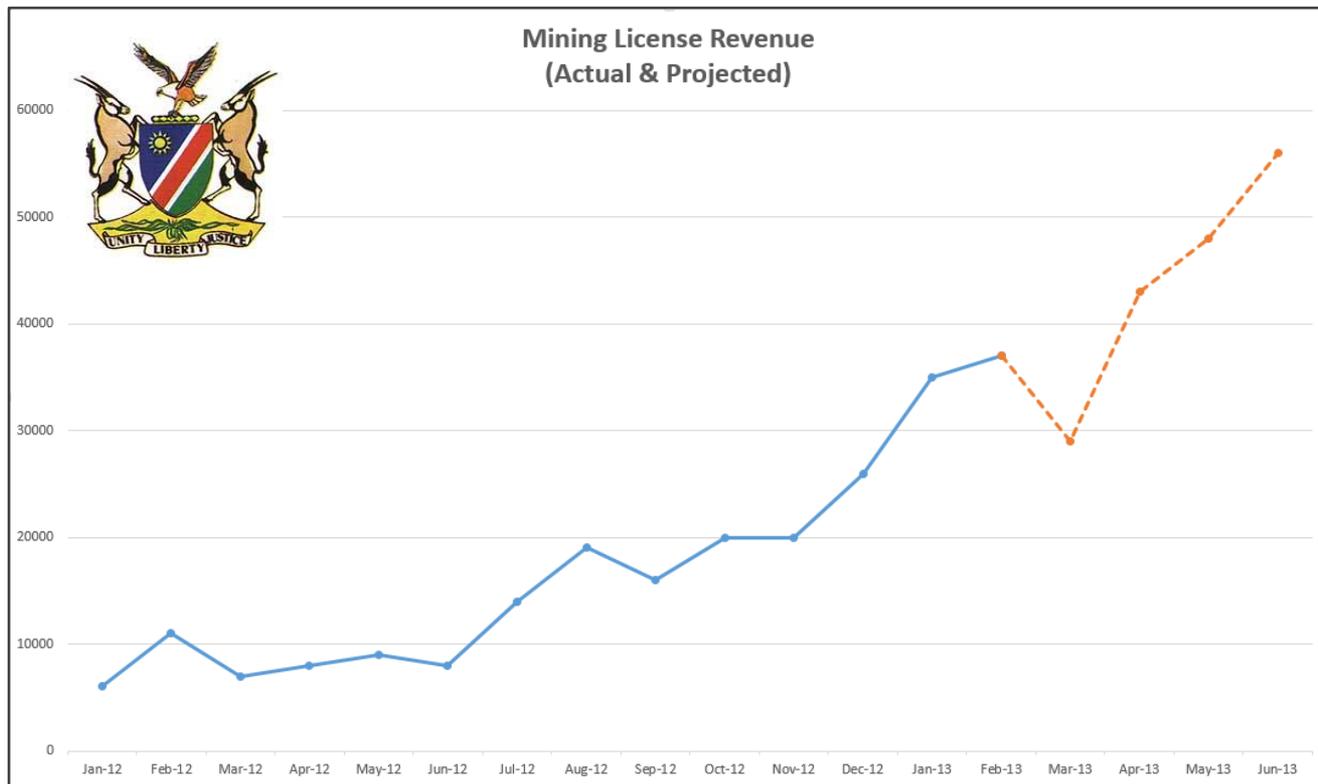
1 2 3 4 5 6 7 8 9 10

| Del. | All                      | Type | Status | Code          | Action   | Due        | Days Rem | Budget Amount   | Responsible User |
|------|--------------------------|------|--------|---------------|--|------------|----------|-----------------|------------------|
|      | <input type="checkbox"/> |      |        | GML 731       | Fee: Area Charges ((ZMK 2247359.40))               | 10/06/2013 | -1       | ZMK 2247359.40  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13613-HQ-SGML | Fee: Area Charges ((ZMK 7200000.00))               | 10/06/2013 | -1       | ZMK 7200000.00  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 12745-HQ-SPP  | Fee: Area Charges (ZMK 569728.89)                  | 10/06/2013 | -1       | ZMK 569728.89   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13296-HQ-LGL  | Fee: Area Charges ((ZMK 13820220.00))              | 12/06/2013 | 1        | ZMK 13820220.00 | Accountant Users |
|      | <input type="checkbox"/> |      |        | 16162-HQ-LPL  | <a href="#">Fee: Area Charges (ZMK 5081164.70)</a> | 13/06/2013 | 2        | ZMK 5081164.70  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 16383-HQ-LPL  | Fee: Area Charges (ZMK 636077.23)                  | 13/06/2013 | 2        | ZMK 636077.23   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 7926-HQ-SML   | Fee: Area Charges (ZMK 692321.40)                  | 13/06/2013 | 2        | ZMK 692321.40   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 14551-HQ-SPP  | Fee: Area Charges ((ZMK 1002078.00))               | 14/06/2013 | 3        | ZMK 1002078.00  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 14139-HQ-SGML | Fee: Area Charges ((ZMK 6604678.80))               | 14/06/2013 | 3        | ZMK 6604678.80  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 16407-HQ-SPP  | Fee: Area Charges (ZMK 538578.00)                  | 14/06/2013 | 3        | ZMK 538578.00   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 8518-HQ-SML   | Fee: Area Charges ((ZMK 251085.60))                | 15/06/2013 | 4        | ZMK 251085.60   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 8516-HQ-SML   | Fee: Area Charges ((ZMK 35890.20))                 | 15/06/2013 | 4        | ZMK 35890.20    | Accountant Users |
|      | <input type="checkbox"/> |      |        | 8360-HQ-SML   | Fee: Area Charges ((ZMK 790335.00))                | 15/06/2013 | 4        | ZMK 790335.00   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 14409-HQ-SPP  | Fee: Area Charges ((ZMK 889878.60))                | 15/06/2013 | 4        | ZMK 889878.60   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13762-HQ-SGML | Fee: Area Charges (ZMK 0.00)                       | 15/06/2013 | 4        | ZMK 0.00        | Accountant Users |
|      | <input type="checkbox"/> |      |        | 15120-HQ-SPP  | Fee: Area Charges (ZMK 36212.94)                   | 15/06/2013 | 4        | ZMK 36212.94    | Accountant Users |
|      | <input type="checkbox"/> |      |        | GML 748       | Fee: Area Charges ((ZMK 12930170.40))              | 16/06/2013 | 5        | ZMK 12930170.40 | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13008-HQ-SML  | Fee: Area Charges ((ZMK 791910.00))                | 17/06/2013 | 6        | ZMK 791910.00   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13270-HQ-SPP  | Fee: Area Charges ((ZMK 1098846.00))               | 18/06/2013 | 7        | ZMK 1098846.00  | Accountant Users |
|      | <input type="checkbox"/> |      |        | 13007-HQ-SML  | Fee: Area Charges ((ZMK 791910.00))                | 18/06/2013 | 7        | ZMK 791910.00   | Accountant Users |
|      | <input type="checkbox"/> |      |        | 12688-HQ-LPL  | Fee: Area Charges (ZMK 702764.50)                  | 18/06/2013 | 7        | ZMK 702764.50   | Accountant Users |

|  |                          |  |  |              |                                     |            |   |               |                  |
|--|--------------------------|--|--|--------------|-------------------------------------|------------|---|---------------|------------------|
|  | <input type="checkbox"/> |  |  | 15088-HQ-SML | Fee: Area Charges (ZMK 105504*20)   | 18\06\2013 | 1 | ZMK 105504*20 | Accountant Users |
|  | <input type="checkbox"/> |  |  | 13001-HQ-SML | Fee: Area Charges ((ZMK 101010*00)) | 18\06\2013 | 1 | ZMK 101010*00 | Accountant Users |
|  | <input type="checkbox"/> |  |  | 13510-HQ-SPP | Fee: Area Charges ((ZMK 100884*00)) | 18\06\2013 | 1 | ZMK 100884*00 | Accountant Users |
|  | <input type="checkbox"/> |  |  | 13008-HQ-SML | Fee: Area Charges ((ZMK 101010*00)) | 18\06\2013 | 0 | ZMK 101010*00 | Accountant Users |

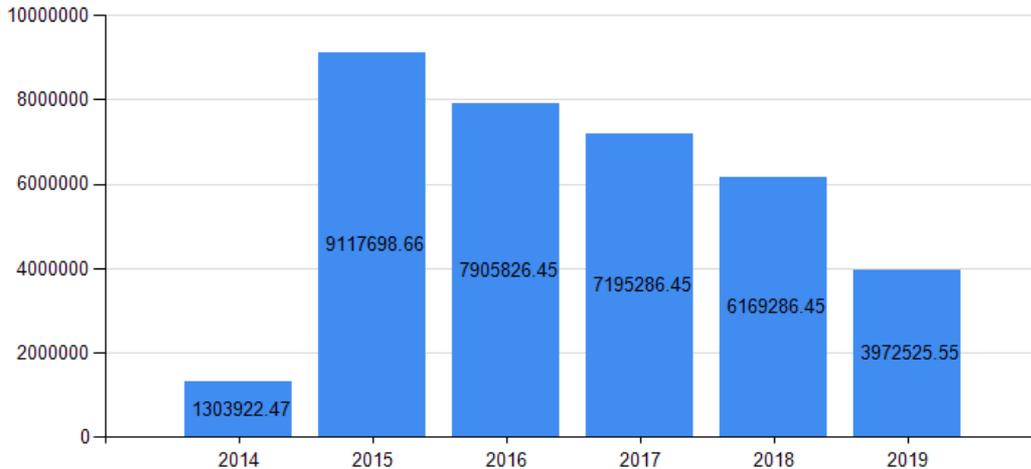
# Ingresos

Informar fácilmente los ingresos reales y proyectados

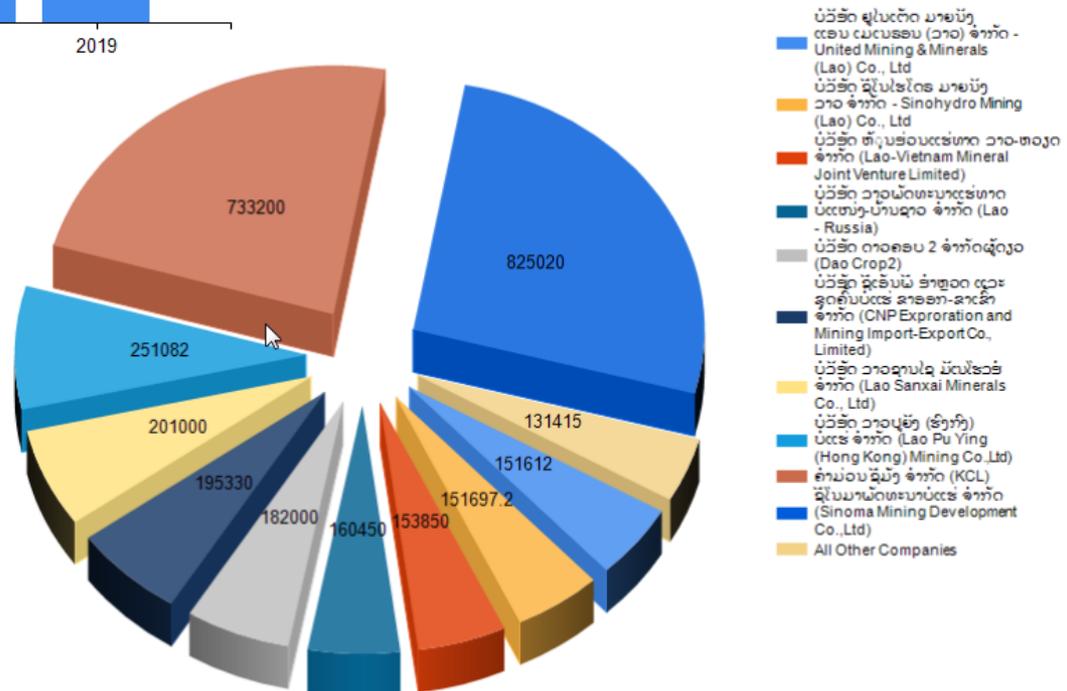


# Reportes de Pagos

Payments Due by Year for the next 5 years



Top 10 Companies by Revenue between 11 Nov 2013 and 11 Nov 2014



# Seguridad

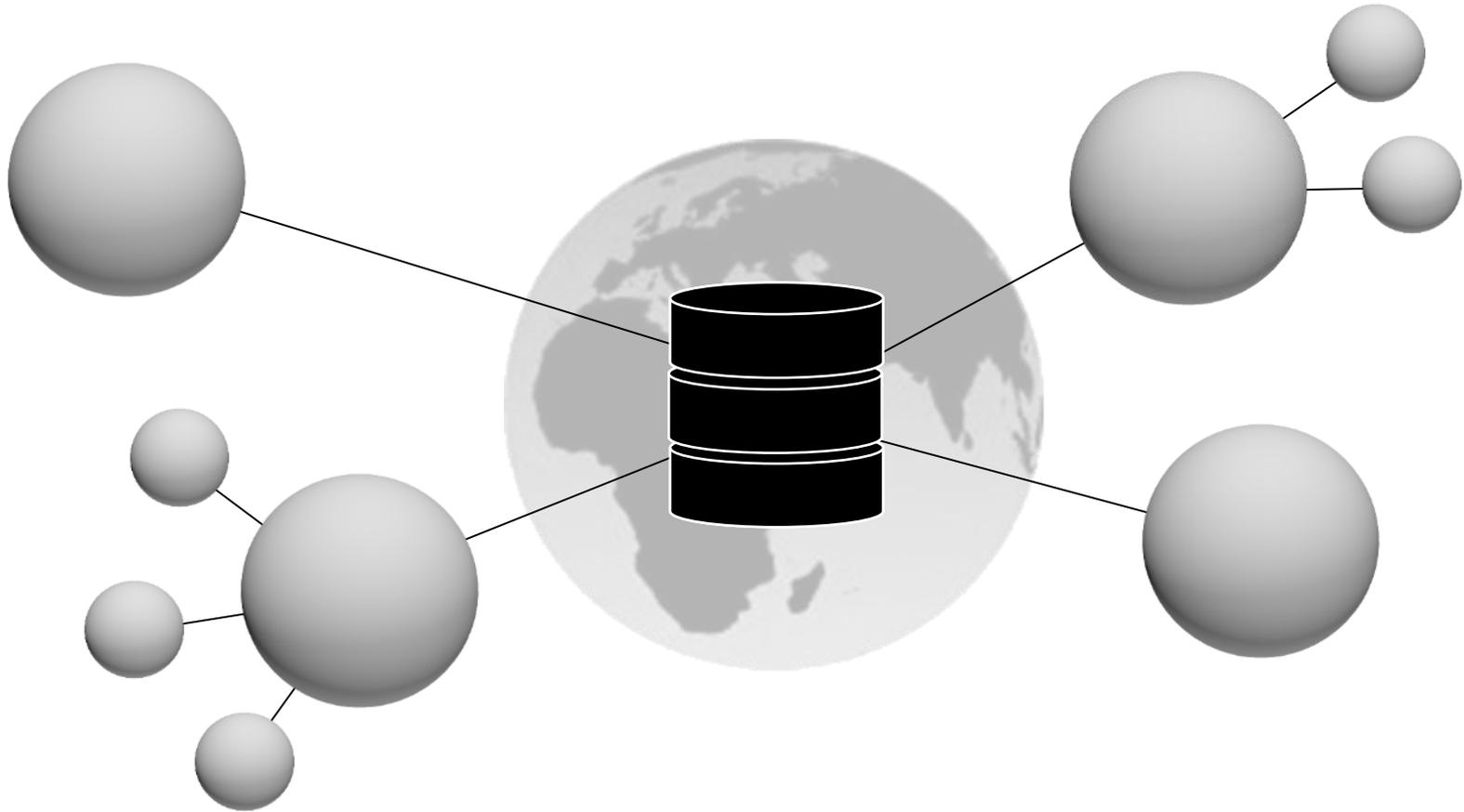
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# Seguridad

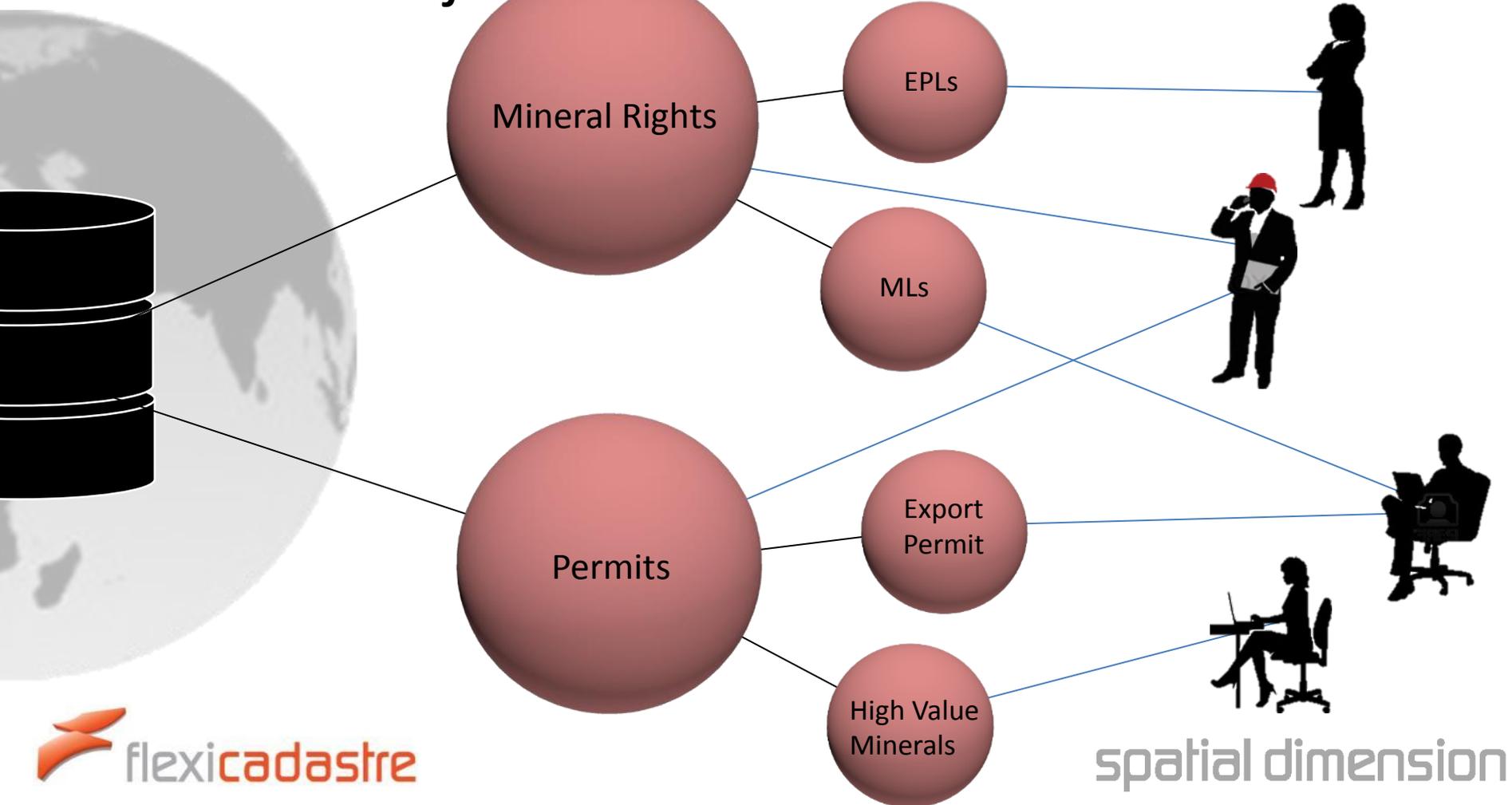
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## Control de las Autorizaciones detallado



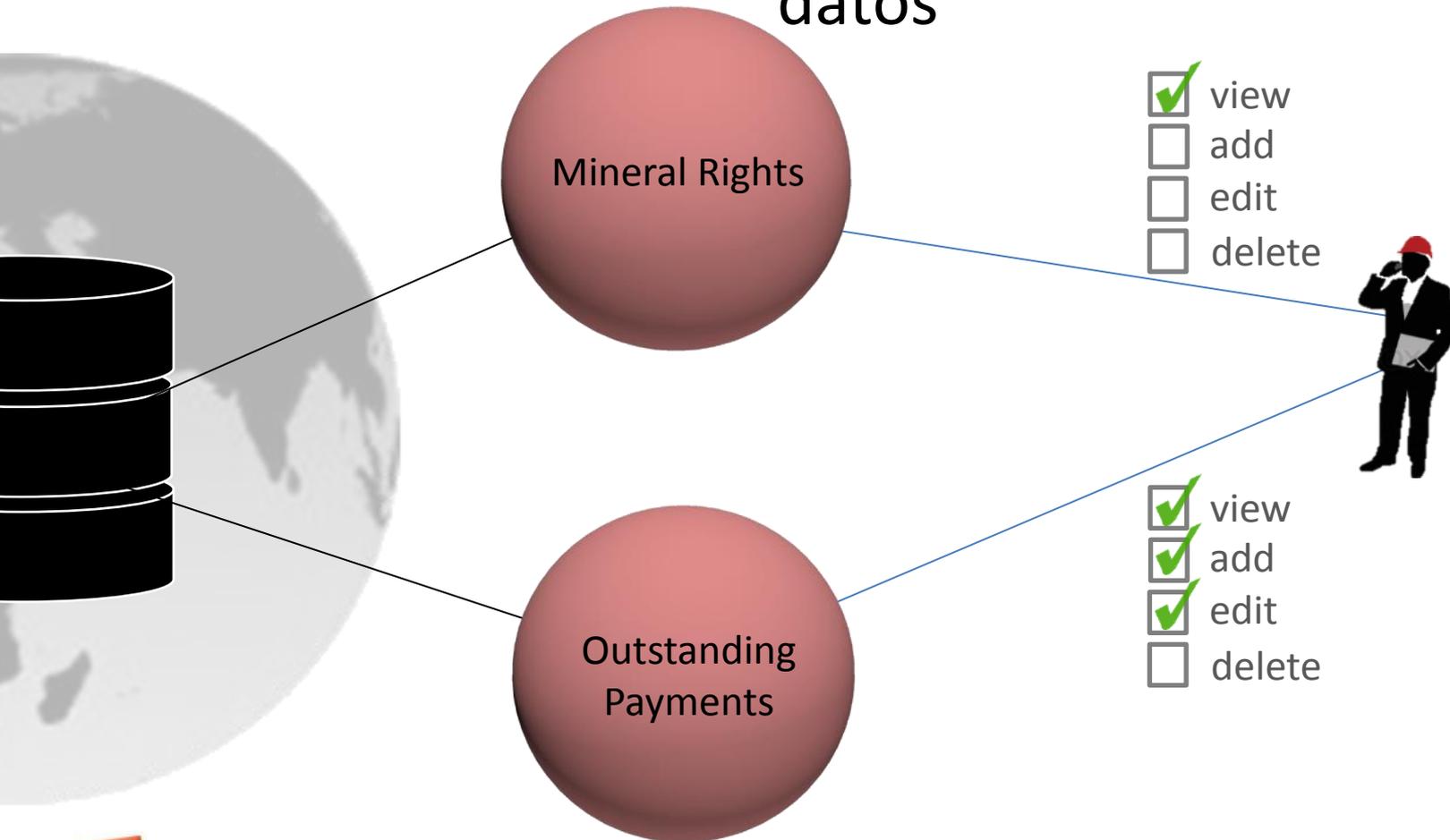
# Seguridad

Proporcionar a cada usuario el acceso a los conjuntos de datos adecuados



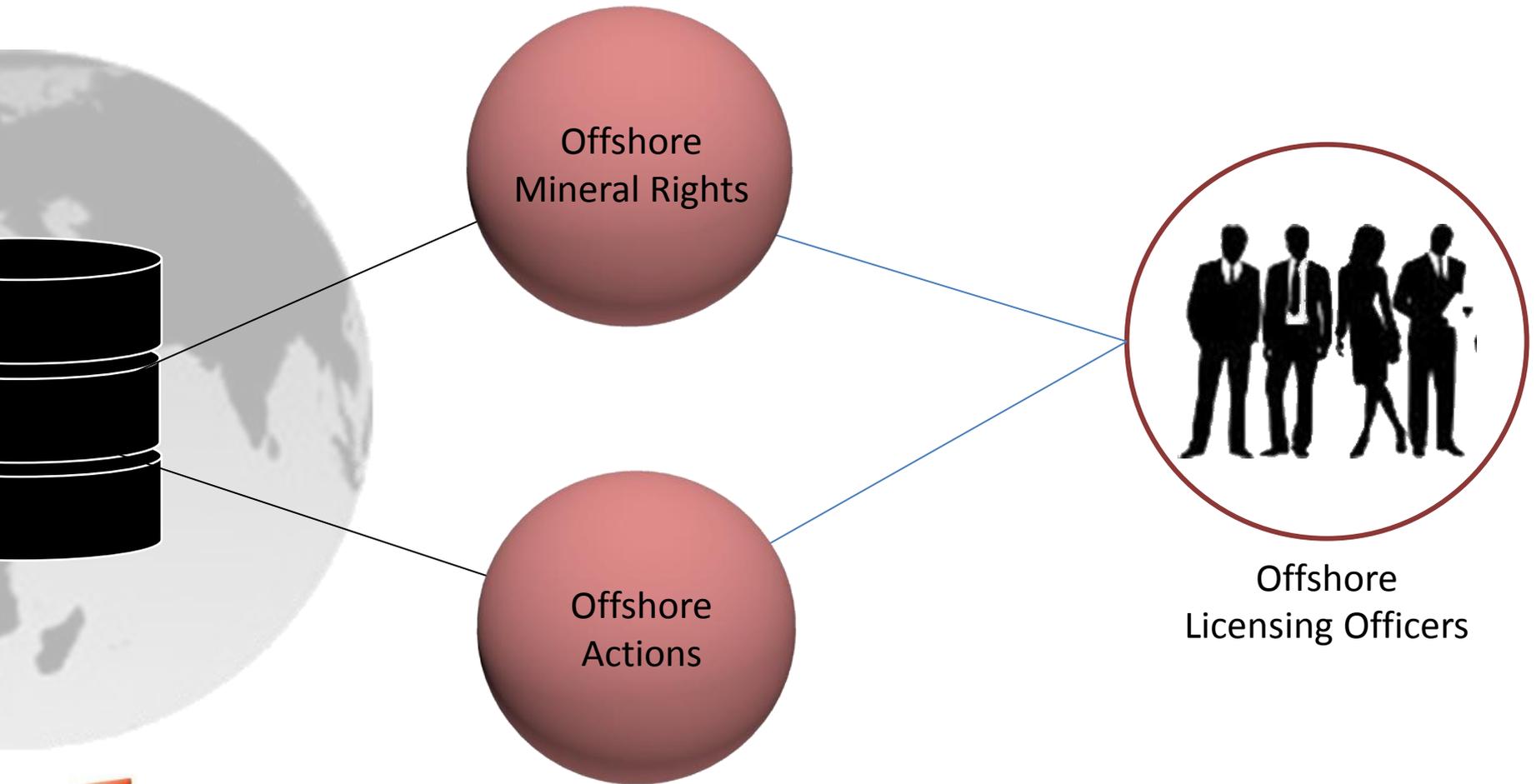
# Seguridad

Niveles de control de acceso a cada conjunto de datos



# Seguridad

Simplificar las Autorizaciones con Grupos de Usuarios



# Seguridad

---

Suportar Integración con Autenticación Windows  
(Active Directory)



# Responsabilidad

---

Registro completo de  
las Solicitudes de  
Autenticación



**Admin Tools > Audit > Authentication**

- Home
- Licenses
- Prospecting
- Mining
- Environmental
- Surface
- Agreements
- Operations
- Projects
- Actions
- Approvals
- Maps
- Reports
- Documents
- Companies
- People
- My Settings
- Admin Tools**
- Help

Log Type:  User:

From:  To:

 There are **549** authentication log entries in the list

Extract:

1 2 3

| Log Type               | User Name | Date                | IP Address      | Session ID                | Authentication    |
|------------------------|-----------|---------------------|-----------------|---------------------------|-------------------|
| Logout                 | admin     | 2013/05/21 10:53:03 | 105.236.111.184 | uapupz3hvcakfv4512teh145  | FlexiCadastre     |
| Login                  | admin     | 2013/05/21 10:52:00 | 105.236.111.184 | uapupz3hvcakfv4512teh145  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/21 10:51:56 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Logout                 | admin     | 2013/05/21 10:51:40 | 105.236.111.184 | uapupz3hvcakfv4512teh145  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/21 10:51:21 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/21 10:51:16 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Login                  | admin     | 2013/05/21 10:50:37 | 105.236.111.184 | uapupz3hvcakfv4512teh145  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/21 10:28:27 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/21 10:19:49 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/21 10:18:53 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/21 10:18:46 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/21 10:14:05 | 105.236.111.184 | fc14mj45zqzcd155d5551l45  | FlexiCadastre     |
| Logout                 | admin     | 2013/05/18 19:55:59 | 41.86.98.53     | 4lwbmq552wltmo555xksqvza  | FlexiCadastre     |
| Login                  | admin     | 2013/05/18 19:46:49 | 41.86.98.53     | 4lwbmq552wltmo555xksqvza  | FlexiCadastre     |
| Failed to Authenticate | admin     | 2013/05/18 19:46:44 | 41.86.98.53     | 4lwbmq552wltmo555xksqvza  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/17 15:58:46 | 105.236.111.184 | vgahdc55ft5s0r45yhtcdwjr  | FlexiCadastre     |
| Session Timed Out      | admin     | 2013/05/17 12:08:00 |                 | m52e3jqzuzyaiebzkq2xyv4   | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/17 10:33:51 | 105.236.111.184 | vgahdc55ft5s0r45yhtcdwjr  | FlexiCadastre     |
| Login                  | admin     | 2013/05/17 09:35:48 | 41.164.24.74    | m52e3jqzuzyaiebzkq2xyv4   | FlexiCadastre     |
| Session Timed Out      | shaunm    | 2013/05/16 22:33:36 |                 | vgahdc55ft5s0r45yhtcdwjr  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/16 14:47:05 | 105.236.111.184 | vgahdc55ft5s0r45yhtcdwjr  | FlexiCadastre     |
| Logout                 | admin     | 2013/05/16 13:59:35 | 41.164.24.74    | td1di3455tajx445hg31eize  | FlexiCadastre     |
| Login                  | admin     | 2013/05/16 12:24:06 | 41.164.24.74    | td1di3455tajx445hg31eize  | FlexiCadastre     |
| Session Timed Out      | carolyn   | 2013/05/16 12:17:54 |                 | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Login                  | carolyn   | 2013/05/16 11:10:15 | 41.14.74.172    | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Logout                 | carolyn   | 2013/05/16 11:10:09 | 41.14.74.172    | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Login                  | carolyn   | 2013/05/16 10:46:00 | 41.14.74.172    | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Session Timed Out      | carolyn   | 2013/05/16 10:44:28 |                 | dkuhb1qb5qkzsv45c4v4bn55  | No Authentication |
| Logout                 | carolyn   | 2013/05/16 10:44:26 | 41.14.74.172    | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Login                  | carolyn   | 2013/05/16 09:08:54 | 41.15.93.248    | dkuhb1qb5qkzsv45c4v4bn55  | FlexiCadastre     |
| Session Timed Out      | shaunm    | 2013/05/16 08:35:07 |                 | li000h45jmtjlz55jd4atz3s  | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/16 07:26:25 | 105.236.111.184 | li000h45jmtjlz55jd4atz3s  | FlexiCadastre     |
| Session Timed Out      | carolyn   | 2013/05/15 19:53:57 |                 | enp0md45gjfhifu3h0n3z145  | FlexiCadastre     |
| Login                  | carolyn   | 2013/05/15 17:31:52 | 196.215.66.15   | enp0md45gjfhifu3h0n3z145  | FlexiCadastre     |
| Logout                 | shaunm    | 2013/05/15 15:49:09 | 105.236.111.184 | ixccoc55l2v4kpa1l1st3gs45 | FlexiCadastre     |
| Login                  | shaunm    | 2013/05/15 15:17:54 | 105.236.111.184 | ixccoc55l2v4kpa1l1st3gs45 | FlexiCadastre     |
| Session Timed Out      | carolyn   | 2013/05/15 14:23:19 |                 | enp0md45gjfhifu3h0n3z145  | FlexiCadastre     |
| Session Timed Out      | shaunm    | 2013/05/15 13:27:20 |                 | wh3t1niqr1qkaki0spsax3y   | FlexiCadastre     |

100%

# Introducción al E-Government

## Portal Transaccional

- Una solución de gobierno electrónico para mejorar la gestión del Catastro Minero
- Titulares de derechos mineros tienen acceso inmediato y privado a la información de los derechos detallados
- Las solicitudes (Petitorios) en línea para las nuevas licencias, renovaciones, transferencias, etc.
- Presentación digital de toda la documentación y los informes
- Pagos seguros en línea usando una variedad de canales

United Republic of Tanzania  
Ministry of Energy & Minerals  
**Mining Cadastre Portal**

**Mining Cadastre**

- Home
- Sign In

**Registration**

- Registration Process
- Registration Form

**External Links**

- Mining Cadastre Map
- MEM Website
- MEM Twitter
- Share on Social Media

**Legal**

- Contacts
- Terms of Use
- Privacy Policy

**Statistics**

- Exports by Commodity
- Mineral Reserves

**Welcome to Tanzania's Mining Cadastre Portal**

Welcome to the Online Mining Cadastre Transactional Portal of the United Republic of Tanzania. The goal of this portal is to provide an electronic platform for all stakeholders in the mining sector in Tanzania to engage directly with the Ministry of Energy and Minerals.

The Portal is open for the registration of valid Division A and B licence holders, and will soon be extended to Division C and D licence holders. Once registered, users can view their portfolio of licences and update their personal and company contact details. Once new regulations are in place, the Portal will allow registered users to apply for new tenements, undertake renewals, relinquishments and cancellations, as well as make online payments and submit reports.

To use the portal, you are first required to register in person through MEM Head Office. You can find out more about the process as well as download the required forms by clicking the appropriate links in the menu. The video below describes the registration process.

PLAYLIST | 1/2 Tanzania Mining Cadastre Portal Help Video 1 : How to Register

**Mining Cadastre Portal**

Welcome to Tanzania's Mining Cadastre Portal

Welcome to the Online Mining Cadastre Transactional Portal of the United Republic of Tanzania. The goal of this portal is to provide an electronic platform for all stakeholders in the mining sector in Tanzania to engage directly with the Ministry of Energy and Minerals.

The Portal is open for the registration of valid Division A and B licence holders, and will soon be extended to Division C and D licence holders. Once registered, users can view their portfolio of licences and update their personal and company contact details. Once new regulations are in place, the Portal will allow registered users to apply for new tenements, undertake renewals, relinquishments and cancellations, as well as make online payments and submit reports.

To use the portal, you are first required to register in person through MEM Head Office. You can find out more about the process as well as download the required forms by clicking the appropriate links in the menu. The video below describes the registration process.

# Portal de E-Government

---

## Atributos Clave

- Fácil de usar con una interfaz de usuario amigable
- Distintas configuraciones para el Registro y Acceso usuario
- Acomodar a todos los procesos de negocio, es decir, nuevas aplicaciones, renovaciones, transferencias, ampliaciones, cancelaciones, suspensiones, etc.
- Capacidad para localizar áreas "libres"

# Portal de E-Government

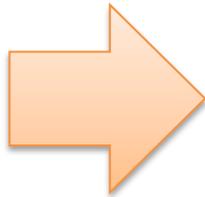
---

## Atributos Clave

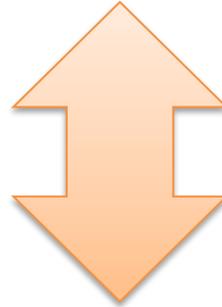
- El Sistema de Catastro Minero “interno” (back-office) con los procesos de negocio (tramitación de las solicitudes, renovaciones, transferencias, ampliaciones, Cancelaciones, suspensiones, etc.) que activan a partir de la presentación en línea
- Personal de Catastro son notificados de transacciones en línea y el proceso en consecuencia
- El usuario recibe notificaciones de mensajes de correo electrónico / texto

# Portal de E-Government

## Interacción con FlexiCadaastre



| Code     | Type | Status                        | Application Date | Granted Date | Expiry Date |
|----------|------|-------------------------------|------------------|--------------|-------------|
| 05112022 | EP   | Active                        | 22/01/2015       | 07/04/2015   | 06/04/2018  |
| 05112024 | EP   | Expired                       | 02/01/2005       | 22/01/2005   | 21/01/2008  |
| 05112022 | EP   | Application - Pending Payment | 22/01/2015       |              |             |



flexicadaastre

MRA Staging Site

Username: admin

Password:

LOGIN

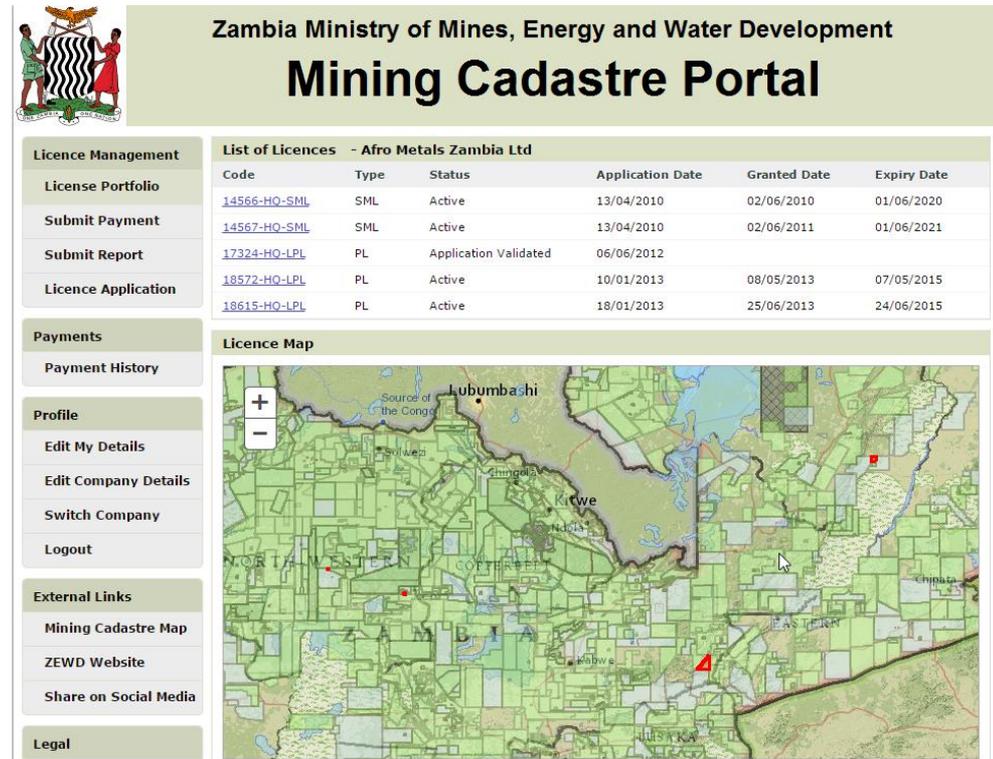
Copyright © 2005-2015 Spatial Dimension (Pty) Ltd All Rights Reserved.  
Conditions of Use | Version: 5.3.1.14.



# E-Government Cadastre Portal

## Benefits

- Mejora de la transparencia y de la imagen
- Mayor accesibilidad
- Mayor eficiencia
- Gestión moderna de pagos
- Detiene la degradación de la calidad de datos



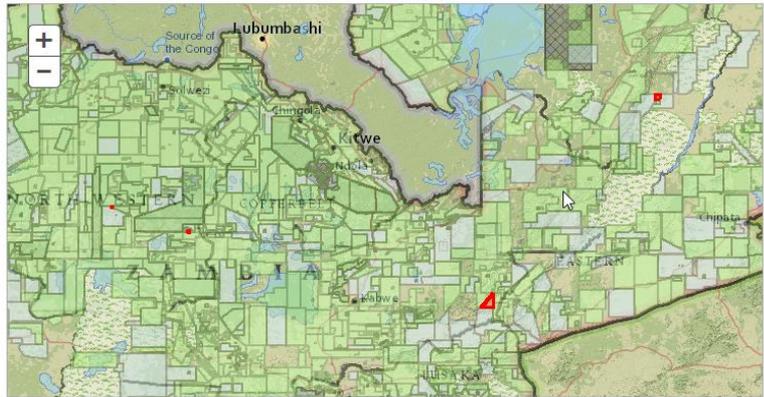
The screenshot displays the Zambia Ministry of Mines, Energy and Water Development Mining Cadastre Portal. The interface includes a navigation menu on the left with sections like Licence Management, Payments, Profile, External Links, and Legal. The main content area features a 'List of Licences' table for Afro Metals Zambia Ltd. and a 'Licence Map' showing a geographical view of the mining area.

**Zambia Ministry of Mines, Energy and Water Development**  
**Mining Cadastre Portal**

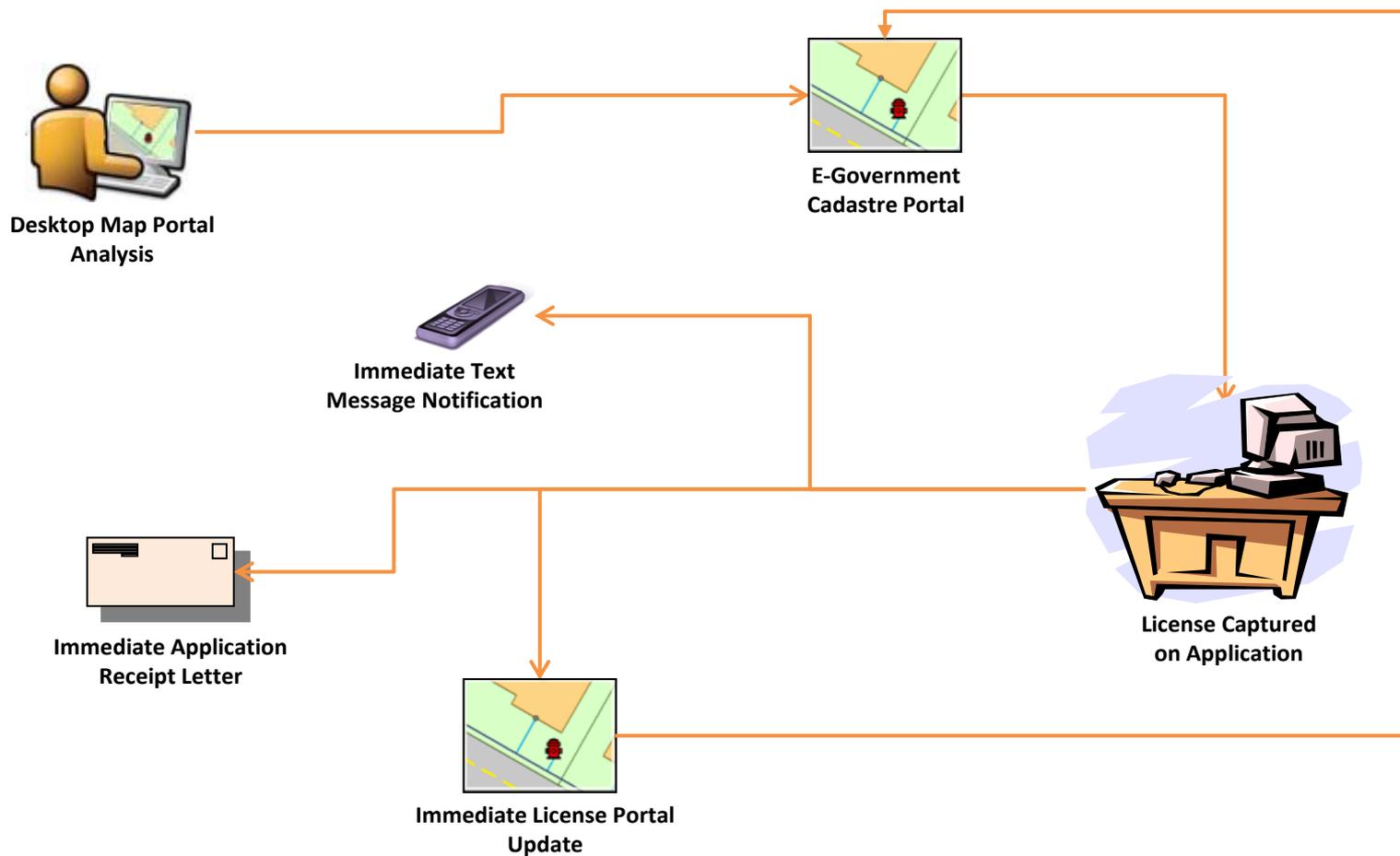
**List of Licences - Afro Metals Zambia Ltd**

| Code                         | Type | Status                | Application Date | Granted Date | Expiry Date |
|------------------------------|------|-----------------------|------------------|--------------|-------------|
| <a href="#">14566-HO-SML</a> | SML  | Active                | 13/04/2010       | 02/06/2010   | 01/06/2020  |
| <a href="#">14567-HO-SML</a> | SML  | Active                | 13/04/2010       | 02/06/2011   | 01/06/2021  |
| <a href="#">17324-HO-LPL</a> | PL   | Application Validated | 06/06/2012       |              |             |
| <a href="#">18572-HO-LPL</a> | PL   | Active                | 10/01/2013       | 08/05/2013   | 07/05/2015  |
| <a href="#">18615-HO-LPL</a> | PL   | Active                | 18/01/2013       | 25/06/2013   | 24/06/2015  |

**Licence Map**



# Portal E-Government Combinado con el Portal de Mapas



# Portal de E-Government

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## Acceso y Seguridad



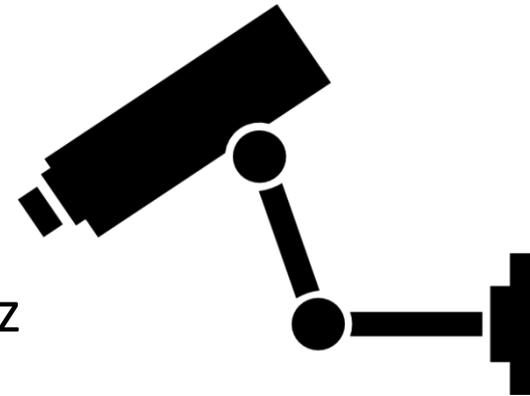
- Los roles separados para los usuarios del portal y gestores de portales quien controlan el acceso a la funcionalidad
- Sistema de gestión de usuario, que se utiliza por los administradores del portal, para registrar, activar / desactivar usuarios y asociarlos con empresas
- Portal de usuario = Flexi persona
- Portal de Empresa = Flexi Empresa

# Portal de E-Government

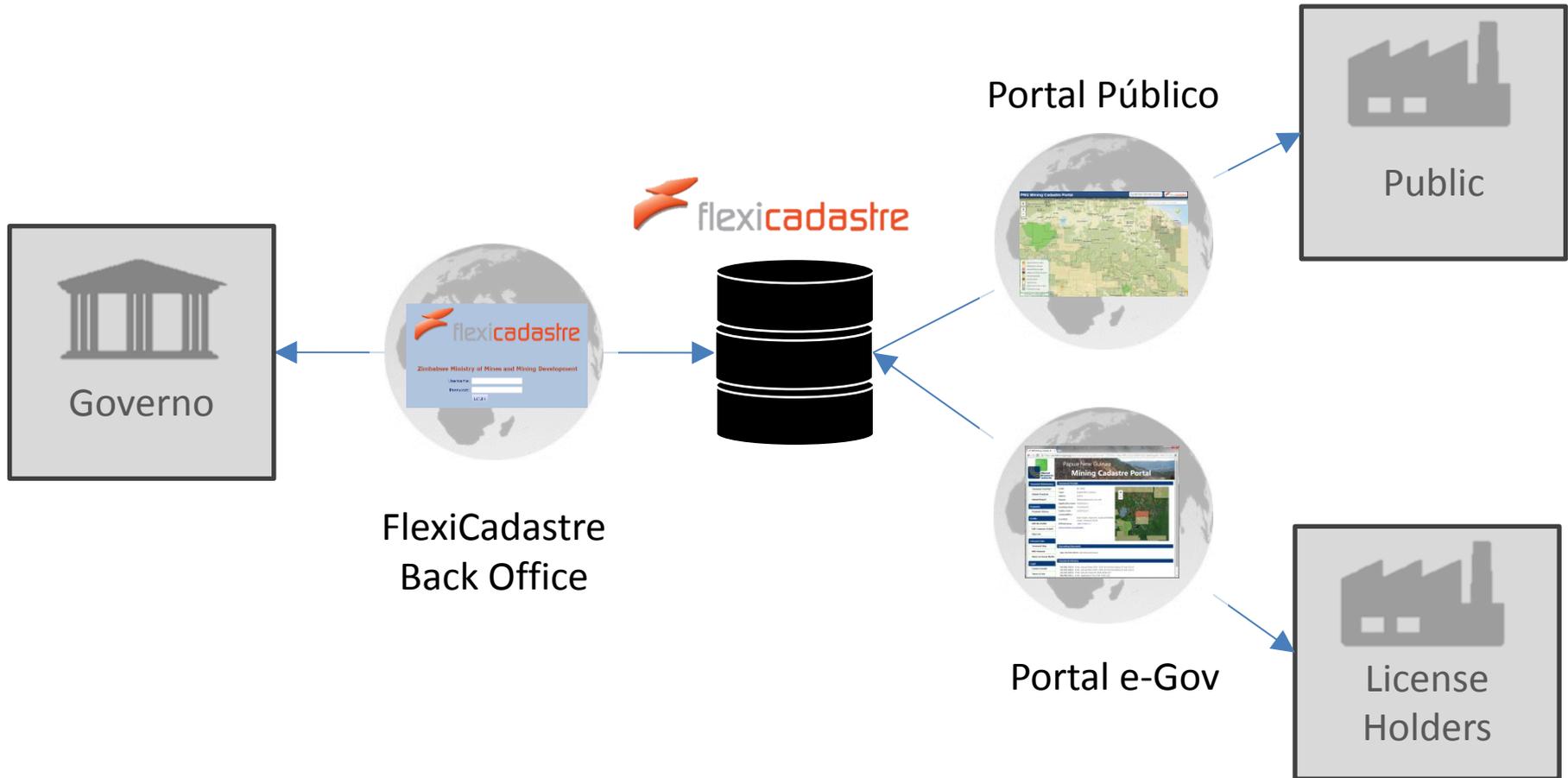
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## Acceso y Seguridad

- Confianza: Los usuarios siempre definen sus propias contraseñas
- Autenticación secundaria utilizando una sola vez PIN enviado por correo electrónico o SMS
- Notificaciones por correo electrónico por cambios en la cuenta, en caso de olvidó la contraseña, etc.
- Registro de auditoría controla todos los intentos de acceso y los cambios de datos (pagos, aplicaciones, etc.)
- Eventos Flexi grabados en registro de auditoría del FlexiCadastral (Back-office)
- Seguridad SSL soportado



# FlexiCadastre es la Estructura Completa!



# El Sistema Governamental Interno (Back Office)

The screenshot displays the FlexiCadastré administrative interface. The browser address bar shows the URL: `tenement.mra.gov.pg/Staging/FlexiCadastré.htm`. The page title is "Papau New Guinea MRA Staging Site" and the version is "Papau New Guinea MRA Staging Site (5.3.0.03)". The user is logged in as "FlexiCadastré ADMIN (sign out)".

The interface includes a search bar and a navigation menu on the left with the following items: Home, Licenses, Export, Exploration, Small Scale, Mining, Agreements, Actions, Approvals, Maps, Reports, Documents, Companies, People, My Settings, Admin Tools, and Help.

The main content area is divided into several sections:

- License Summary:** A table showing the number of applications in different states for various license types.
- Obligations Summary:** A table showing the number of renewals due, license expiries, payments due, and approvals due for different time periods.
- Reports:** A list of available reports with their names and report types.
- Recently Accessed:** A list of recently accessed records with their types, names, and descriptions.
- I want to...:** A list of actions that can be performed, such as adding new applications or scheduling new actions.

# Portal Público para prover visualização única

DRC Mining Cadastre Portal

English spatial dimension flexicadastre

Search: kilo

**Licenses (70)**

| License ID | Company Name                        | Status        |
|------------|-------------------------------------|---------------|
| 11796      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11797      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11798      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11800      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11801      | SOCIETE MINIERE DE KILO MOTO (100%) | Droit Octroyé |
| 11802      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11803      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11808      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11816      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |
| 11817      | SOCIETE MINIERE DE KILO MOTO (100%) | Actif         |

**5076**

**5076** Droit Déchu  
**SOCIETE MINIERE DE KILO MOTO (100%)**  
Permis d'Exploitation  
Date Applied: 06/04/2006  
Date Granted: 12/05/2007  
Date Expires: 11/05/2014  
Resources: Au, Ag  
Area (Cu): 471

Legend:

- PR (Exploration)
- PE (Exploitation)
- PEPM (Small Mining)
- ARPC (Exploration of Quarries)
- PER (Tailings)
- AECP (Exploitation of Quarries)
- ZRG (Geological Reserve Zones)
- ZEA (Artisanal Exploitation Zones)
- Demandes (Applications)
- Les Zones Protégées (Restricted Areas)

05°12'37" N 30°03'43" E

esri

# El Sistema Transaccional e-Gov

**Papua New Guinea Mining Cadastre Portal**

**Mineral Resources Authority**

**Tenement Maintenance**

- Tenement Portfolio
- Submit Payment
- Submit Report

**Payments**

- Payment History

**Profile**

- Edit My Profile
- Edit Company Details
- Sign Out

**External Links**

- Tenement Map
- MRA Website
- Share on Social Media

**Legal**

- Contact Details
- Terms of Use

**List of Tenements - Mining Resources Co. Ltd**

| Code                    | Type | Status                                  | Application Date | Granted Date | Expiry Date |
|-------------------------|------|---|------------------|--------------|-------------|
| <a href="#">EL 9993</a> | EL   | Active                                  | 07/01/2004       | 13/08/2004   | 12/08/2014  |
| <a href="#">EL 9994</a> | EL   | Active                                  | 06/08/2007       | 21/08/2011   | 20/08/2015  |
| <a href="#">EL 9995</a> | EL   | Active                                  | 10/08/2007       | 13/02/2009   | 12/02/2015  |
| <a href="#">EL 9996</a> | EL   | Active                                  | 14/08/2007       | 21/03/2011   | 20/03/2015  |
| <a href="#">EL 9997</a> | EL   | Active                                  | 21/07/2011       | 27/09/2012   | 26/09/2014  |
| <a href="#">EL 9998</a> | EL   | Active                                  | 05/08/2011       | 27/09/2012   | 26/09/2014  |
| <a href="#">EL 9999</a> | EL   | Pending Renewal - Registration Complete | 07/01/2004       | 13/08/2004   | 11/08/2012  |

**Tenement Map**

# E-Government Demo



The banner features the Kenyan coat of arms on the left and the Madini Kenya logo on the right. The central text reads "Ministry of Mining Mining Cadastre Portal" over a background image of a mining site.

**Mining Cadastre**

- Home
- Sign In**

**Registration**

- Registration Process
- Registration Form

**External Links**

- Mining Cadastre Map
- Madini Facebook
- Madini Twitter
- Share on Social Media

**Legal**

- Contacts
- Terms of Use
- Privacy Policy

**Sign In**

Email:

Password:

[I've forgotten my password](#)

**Terms of Use Summary**

This Mining Cadastre Portal is provided as a public service by the Ministry of Mining of the Republic of Kenya.

By accessing this system you hereby agree to the Terms and Conditions of the Mining Cadastre Portal.

Access to this Mining Cadastre Portal by any person other than an authorized individual or an authorized agent for a company is strictly prohibited and may result in legal action against such person.

The Mining Cadastre Portal and all of the information it contains are provided "as is" without warranty of any kind, whether express or implied. All implied warranties, including, without limitation, implied warranties of merchantability, fitness for a particular purpose, and non-infringement, are hereby expressly disclaimed.

Under no circumstances will the Kenyan Ministry of Mining or any of its Suppliers be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of the Mining Cadastre Portal or any other website to which this site is linked, including, without limitation, any lost profits, business interruption, or loss of programs or information, even if the Kenyan Ministry of Mining or any of its Suppliers has been specifically advised of the possibility of such damages.

During the verification stage, all data within the portal must be considered provisional.

# FlexiCadastre y Portal de E-Government

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- En general las instituciones
  - Varios sistemas desarrollados con dificultades para la integración
  - Herramientas desactualizadas/obsoletas
  - Dificultades en mejoramientos – equipo especializada
  - Acceso complejo a partir de otras localidades (gobiernos regionales)
  - Dificultad en proveer capacitaciones para usuarios de otras localidades
  - Dificultad en el control de tareas especialmente en lo que refiere a gobiernos regionales

# FlexiCadastre y Portal de E-Government

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- Ventajas del Desarrollo “in House”:
  - Solución 100% adecuada
- Desventajas
  - Difícil mantenimiento
  - Documentación de sistemas en general deficiente
  - No es el foco/objeto de la empresa el desarrollo de software
  - Retraso tecnológico – costo de seguimiento de nuevas tecnologías
  - Costo de mantención de personal

# FlexiCadastre y Portal de E-Government

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- **Porque FlexiCadastre:**

- Total integración con el ambiente GIS – Referencia junto a ESRI
- Sistema probado y comprobado en distintos ambientes
- Conocimiento y Experiencia de Spatial Dimension con respecto a la Gestión de Catastros Mineros en Gobiernos
- Conocimiento y Experiencia de Spatial Dimension
  - DISMINUI RIGGOS ASOCIADOS A NUEVOS DESARROLLO
- Sistema en constante evolución: nuevas funcionalidades implementadas compartidas entre los diversos clientes
- Sistema en constante prueba: funcionalidades validadas por centenas de usuarios



flexicadastre

*Governance - Risk - Compliance*

# Preguntas??

*2ª LARUC - FlexiCadastre  
Conferencia Regional de Usuarios Latinoamérica*

*Lima, Septiembre 3 y 4, 2015*

Rogelio Castejon: [rogerio.castejon@spatialdimension.com](mailto:rogerio.castejon@spatialdimension.com)

spatial dimension