







Papua New Guinea - FlexiCadastre Implementation

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Outline

- 1. Papua New Guinea's Mineral Tenement
 System: -, Gretel Orake, Manager, Technical Assessment,
 Regulatory Operations Division
- 2. Introduction of Flexicadastre in PNG: James Vuvu, Cartographer, Regulatory Operations Division
- 3. Beating the challenges of adopting Flexicadastre: Louie Kawale, Database Administrator, Regulatory Operations Division
- 4. Next steps Flexicadastre: Gretel Orake, Manager, Technical Assessment, Regulatory Operations Division





A bit about us

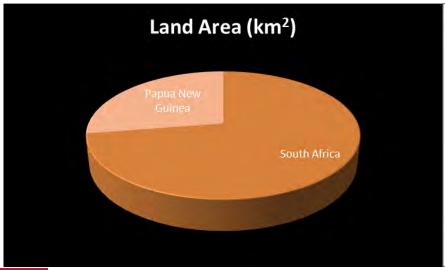


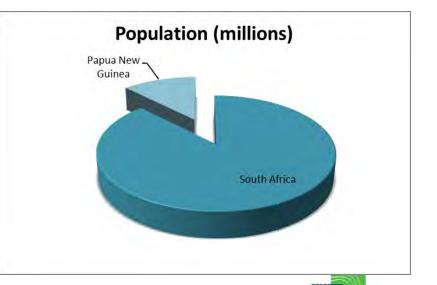




Background

		Land Area (km²)	Population (million) (World Bank, 2012)
	South Africa	1,219,912	51.19
* * *	Papua New Guinea	462,840	7.167





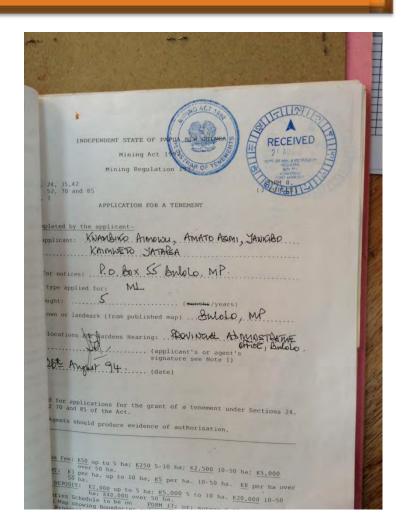


Types of Tenement	Purpose	Term (years)	Conditions
1. Exploration License	To conduct mineral exploration on land and offshore	2	Max. 750 sub-blocks (One Sub block = 3.41 km ²)
2. Alluvial Mining Lease	To mine within river beds or 20m on either side of river bed.	5	Natural citizen/land group only
			Not on existing tenements except for EL & ME
3. Mining Lease	For small to medium scale mines	20 on grant Up to 10 on renewal	Max.area <60km²
4. Special Mining Lease	For large scale mines.	40 on grant Up to 20 on renewal	Development Forum called by Minister Mine Development Contract with State
5. Lease for Mining Purpose	For infrastructure supporting a mining operation	Linked to term of related mining lease	Max.area <60km²
6. Mining Easement	For ancillary purposes – road, pipelines, power lines, etc	Identical to mining lease term	Area to fit purpose

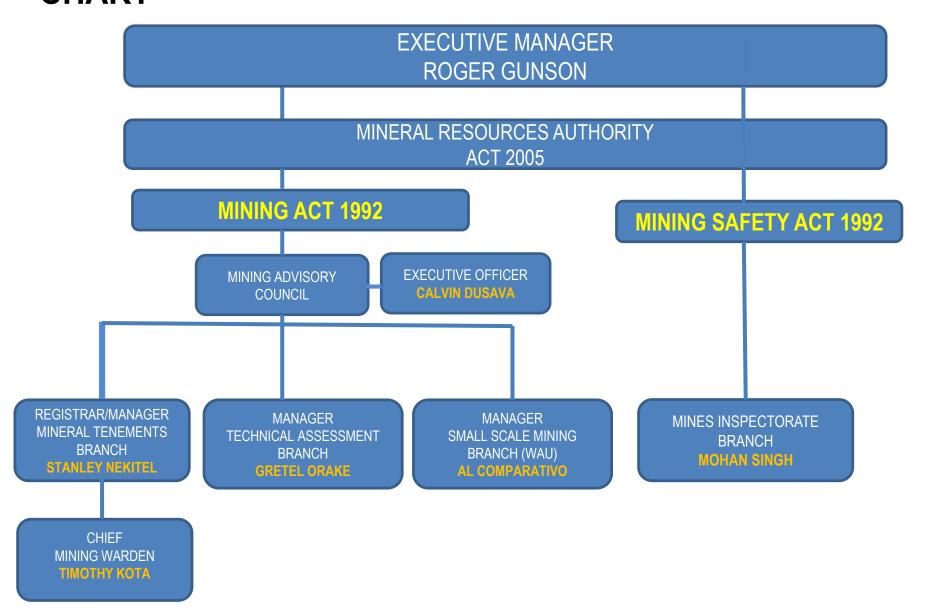


PNG's Mineral Tenements System

- Mineral Resources Authority of Papua New Guinea
 - Established by the Mineral Resources Act 2005
 - Inherited processes from former Department of Mining
 - Regulatory Operations Division is one of four divisions of MRA and responsible for tenement management
- Tenement system is mainly a Manual process



REGULATORY OPERATIONS DIVISION – ORGANISATIONAL CHART



The Project



Project Supported by World Bank Technical Assistance Program 2 to PNG



Commenced on 29th July 2013



Our Team comprises:

SD- Eva Stredder and Charles Young



MRA- Regulatory Operations Division

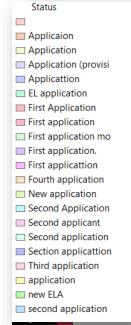


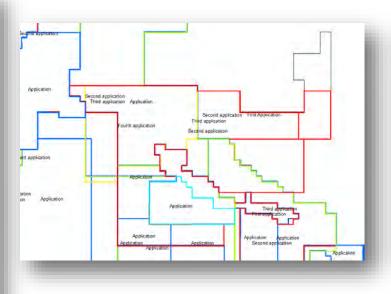


Achievements in 6 months

Spatial Data verification and capture

- Spatial shape registration of different Tenement types
- Correction of existing shape files
- Attribute data editing
- All tenement types
- Approx. 50% complete





AML 602	Morris Siragin	
ML 114	Aaron Apinko	Bulolo Sub District Office
ML 108	Aaron Apinko & Matai Waiako	
ML 109	Aaron Apinko & Matai Waiako	
ML 418	Aaron Nanga	P O Box 2, Bulolo
AML 529	Abraham Gein	P O Box 181, Bulolo
EL 1774	Ademsa Pty Ltd	
EL 1775	Ademsa Pty Ltd	
EL 1776	Ademsa Pty Ltd	
EL 1777	Ademsa Pty Ltd	
EL 1778	Ademsa Pty Ltd	
AML 536	Agili Pura	
AML 542	Agoma Peke (Yolo Clan)	
EL 2120	AGR Exploration (PNG) Ltd	P O Box 3953, Boroko
EL 2121	AGR Exploration (PNG) Ltd	
AML 096	Aiyati Group	P O Box 45, Wau



♣ EITI Map Portal

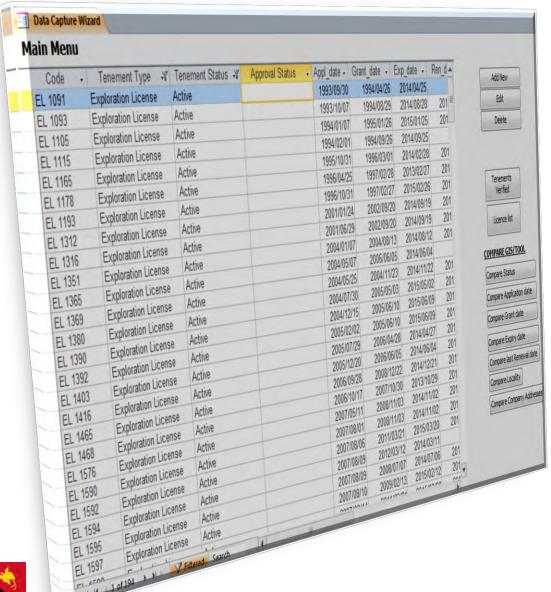


- All Exploration Licences
- All Special Mining Leases
- Up-dated Weekly
- Other lease Types to be added once verified.





4 Primary Non-Spatial Data verification and capture



- Data Capture Tool
- Approx. 60% data validation complete.





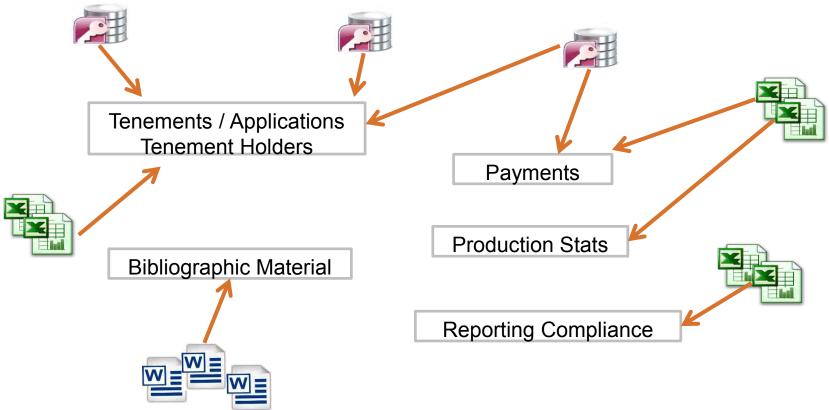
Challenges during the development of Flexicadastre

- Additional Work Load to normal duties
 - Reorganising staff as back up to support development of flexicadastre.
- Resistance to change e.g. common work practice verse flexicadastre
 - Continuous training (incentives, quiz with prize)



Challenges during the development of Flexicadastre

Different Data Capture Sources/Methods

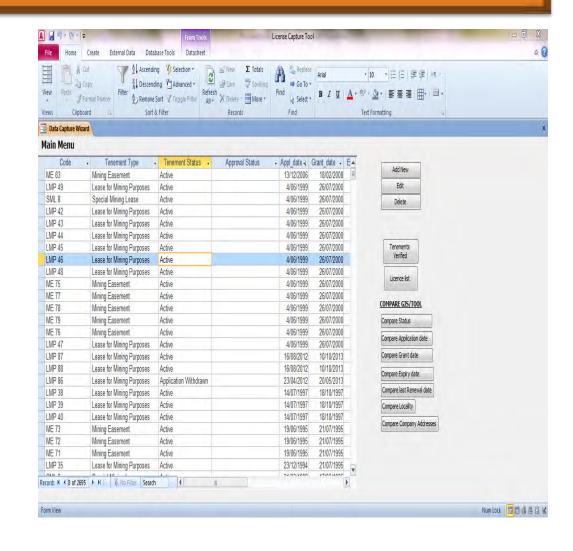






Challenges during the development of Flexicadastre

- Centralised Data
 Capture Tool-This
 Transition Database
 has greatly aided in
 Data validation &
 capture
- Preview of Data Entry in Flexicadastre



Next steps with Flexicadastre

- Roles training from development through to implementation
- Incentives
- Online portal application option
- Legislative review to accommodate





Overall

- Better management and administration of mineral tenements; and
- Improved distribution of information via a web portal hence, better transparency and attraction of investment





