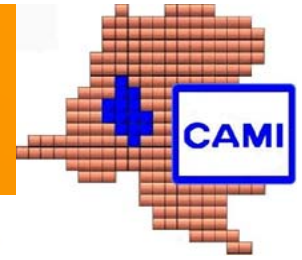




*République Démocratique du Congo,
Cadastré Minier*



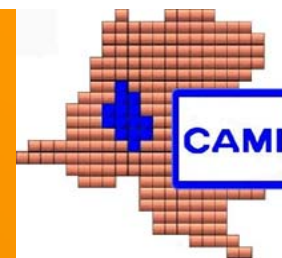
Flexi Conference-2009

***Implementation of FlexiCadastre in
the Democratic Republic of CONGO***

Justin Nyembo Muta'Sile
Technical Director



CONTENT PROPOSED BY THE CADASTRE MINIER « CAMI »



- ◆ CAMI Missions
- ◆ History of FlexiCadastre in DRC
- ◆ CAMI Progression of the Tests of FlexiCadastre
- ◆ DRC Geological and Mineral Deposits Known
- ◆ Mining Rights
- ◆ CAMI Needs



CAMI MISSIONS

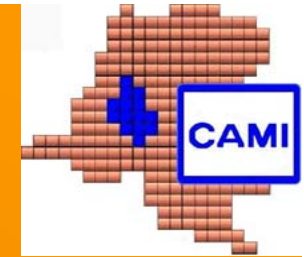


- ◆ To register applications for the granting of mining and/or quarry rights;
- ◆ To certify the minimum financial capacity of the applicants who apply for the mineral and quarry exploration rights;
- ◆ To guard Mining and Quarries Titles;
- ◆ To issue the mining and quarry titles pursuant to the rights granted by the competent authority;
- ◆ To authenticate mortgage and lease deeds and deeds for transformation of mining and quarry rights.



HISTORY OF THE FLEXICADATRE - RDC

CHRONOLOGY OF EVENTS



N°	Period	Place	Events
1	February 2006	INDABA	Contact with Spatial Dimension at INDABA Conference
2	June 2006	CAPE TOWN	1st visit to Spatial Dimension
		MAPUTO	Visit of a FlexiCadastre working system
3	October 2006	KINSHASA	Writing of Business rules from the congolese law
			Writing of 1st flow charts
4	February 2007	CAPE TOWN	1st meeting with Spatial Dimension technicians
			Delivery of "Termes de Reference"
5	March 2007	KINSHASA	Harmonization of Business rules and Workflows with Spatial Dimension
6	April 2007	KINSHASA	Signature of contract with Spatial Dimension in presence of Minister of Mines
7	September 2007	LUBUMBASHI	Visit of CAMI regional office in Lubumbashi with Spatial Dimension
			View of network equipments and Internet connection
8	November 2007	CAPE TOWN	Examination of workflows with SD developers
9	January 2008	KINSHASA	Installation of new servers in the server room in presence of SD
10	March 2008	CAPE TOWN	Database migration from the old system to FlexiCadastre
11	April 2008	KINSHASA	Staff training by SD
12	May 2008	KINSHASA	Start testing the FlexiCadastreDRC system



PART OF THE CONGOLESE BUSINESS RULES



	PERSONNE PHYSIQUE		PERSONNE MORALE		ORGANISMES A VOCATION SCIENTIFIQUE et/ou COOPERATIVES MINIERES
RECEVABILITE					
	CONGOLAISE	ETRANGERE	CONGOLAISE	ETRANGERE	
ATTESTATION DE PROSPECTION (Art. 20 RM)	<input type="checkbox"/> Montant payé par Permis (25\$) <input type="checkbox"/> Copie Carte d'identité	<input type="checkbox"/> Montant payé par Permis (25\$) <input type="checkbox"/> Copie Passeport	<input type="checkbox"/> Montant payé par Permis (25\$) <input type="checkbox"/> Statuts	<input type="checkbox"/> Montant payé par Permis (25\$) <input type="checkbox"/> Statuts	<input type="checkbox"/> Montant payé par Permis (25\$) <input type="checkbox"/> Statuts
CERT. de CAPACITE FINANCIERE (Art. 80 et 81 RM)	<input type="checkbox"/> Montant payé par Permis (25\$) Fonds propres <input type="checkbox"/> Attestation bancaire <input type="checkbox"/> Copie certifiée conforme d'extrait bancaire Prêts <input type="checkbox"/> Attestation du prêteur <input type="checkbox"/> Copie certifiée conforme de contrat de prêt Garantie & Cautionnement <input type="checkbox"/> Attestation bancaire <input type="checkbox"/> Copie certifiée conforme de contrat de garantie ou de cautionnement				
DEMANDE DE PR (Art. 54 CM et 100 RM)	<input type="checkbox"/> Copie Carte d'identité <input type="checkbox"/> Extrait Carte au 1/200000e <input type="checkbox"/> Liste des coordonnées géographiques des sommets <input type="checkbox"/> Preuves de Capacité Financière (2 documents) <input type="checkbox"/> 2 Photos Pass. <input type="checkbox"/> Numéro de Registre de Commerce (si commerçant) <input type="checkbox"/> Montant payé par carré pour 1 Permis (0,05\$)	<input type="checkbox"/> Copie Passeport <input type="checkbox"/> Identité du mandataire <input type="checkbox"/> Extrait Carte au 1/200000e <input type="checkbox"/> Liste des coordonnées géographiques des sommets <input type="checkbox"/> Preuves de Capacité Financière (2 documents) <input type="checkbox"/> 2 Photos Pass. <input type="checkbox"/> Montant payé par carré pour 1 Permis (0,05\$)	<input type="checkbox"/> Statuts <input type="checkbox"/> Identification mandataire (cas échéant) <input type="checkbox"/> Extrait Carte au 1/200000e <input type="checkbox"/> Liste des coordonnées géographiques des sommets <input type="checkbox"/> Preuves de Capacité Financière (2 documents) <input type="checkbox"/> Numéro de Registre de Commerce et Identification Nationale <input type="checkbox"/> Montant payé par carré pour 1 Permis (0,05\$)	<input type="checkbox"/> Statuts <input type="checkbox"/> Identification mandataire <input type="checkbox"/> Extrait Carte au 1/200000e <input type="checkbox"/> Liste des coordonnées géographiques des sommets <input type="checkbox"/> Preuves de Capacité Financière (2 documents) <input type="checkbox"/> Immatriculation <input type="checkbox"/> Montant payé par carré pour 1 Permis (0,05\$)	<input type="checkbox"/> Arrêté d'Agrément et Statuts <input type="checkbox"/> Identification mandataire (cas échéant) <input type="checkbox"/> Extrait Carte au 1/200000e <input type="checkbox"/> Liste des coordonnées géographiques des sommets <input type="checkbox"/> Preuves de Capacité Financière (2 documents) <input type="checkbox"/> Identification Nationale <input type="checkbox"/> Montant payé par carré pour 1 Permis (0,05\$)



FLEXICADASTRE RDC



FlexiCadastré - Microsoft Internet Explorer

File Edit View Favorites Tools Help

User: FlexiCadastré ADMIN
Version: 2.2.0 (Release) Database: 2.2.0
Copyright: © Spatial Dimension 2005 - 2007

FlexiCadastré RDC

License Search

Home
Diary
Regions
Licenses
Actions
Approvals
Companies
People
Agreements
Documents
Map
Reports
My Settings
Admin Tools
Help
Legal
Logout

License > Details [EDIT]

License Code: 5413 License Type: PR Owners: GECAMINES, E. PU (100%)
License Name: Status: Actif Expiry Date: 08/10/2012

General Parties Agreements Conditions Reference Codes Shape Map References Commitments Actions Open Actions Closed
Documents Groups Resources Related Licenses Roles

Only show (leave blank for all)

There are 7 open actions associated with this license. Extract: Tools:

Del.	All	Type	Status	Action	Due	Approval Status	Child Actions
<input checked="" type="checkbox"/>	<input type="checkbox"/>			DEM: Paiement Droits superficiaires Anuel (USD 1026.26)	01/01/2008		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			DEM: Paiement Droits superficiaires Anuel (USD 1026.26)	01/01/2009		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			DEM: Paiement Droits superficiaires Anuel (USD 10600.66)	01/01/2010		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			DEM: Paiement Droits superficiaires Anuel (USD 10600.66)	01/01/2011		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			DEM: Paiement Droits superficiaires Anuel (USD 7834.23)	01/01/2012		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			Renouvellement Renewal	08/07/2012		
<input checked="" type="checkbox"/>	<input type="checkbox"/>			Échéance	08/10/2012		

Done Trusted sites

Cami needs to finish to perform the DRC FlexiCadastré on Jun 2009



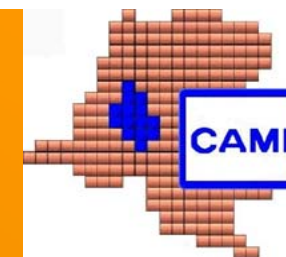
RESULTS OF THE FLEXICADASTRE TESTS



		DEMAND	RNCTOT	RNCPAR	RENOUV
Type de Droit Minier	Abréviation	Demande	Renonciation totale	Renonciation partielle	Renouvellement
("License type" en FC)		<i>Application</i>	<i>Abandonment, total</i>	<i>Abandonment, partial</i>	<i>Renewal</i>
Permis de Recherches – Pierres précieuses	PR (PP)	80%	90%	90%	95%
Permis de Recherches – Autres substances	PR (AS)	80%	90%	90%	95%
Permis d'Exploitation	PE	0%	0%	0%	80%
Permis d'Exploitation de la Petite Mine	PEPM	0%	0%	0%	80%
Permis d'Exploitation de Rejet	PER	0%	0%	0%	80%
Autorisation de Recherches des Produits de Carrières	ARPC	80%	90%	90%	95%
Autorisation d'Exploitation de Carrières Permanente	AECP	0%	0%	0%	80%
Autorisation d'Exploitation de Carrières Temporaire	AECT	0%			



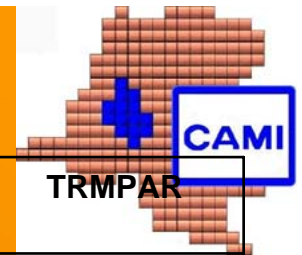
RESULTS OF THE FLEXICADASTRE TESTS



	HYPOTH	AMODIA	MULTPL	EXTSUB	COMTRE
Type de Droit Minier	Hypothèque	Amodiation	Transformation en multiples Permis	Extension à d'autres substances	Enreg. De Commencement des Travaux Recherches
<i>("License type" en FC)</i>	<i>Mortgage</i>	<i>Lease</i>	<i>Transformation to multiple Licenses</i>	<i>Additional substances</i>	<i>Reg. of Commencement Of work</i>
Permis de Recherches – Pierres précieuses			0%	0%	0%
Permis de Recherches – Autres substances			0%	0%	0%
Permis d'Exploitation	0%	0%	0%	0%	
Permis d'Exploitation de la Petite Mine	0%	0%	0%	0%	
Permis d'Exploitation de Rejet	0%	0%			
Autorisation de Recherches des Produits de Carrières					0%
Autorisation d'Exploitation de Carrières Permanente	0%	0%		0%	
Autorisation d'Exploitation de Carrières Temporaire					



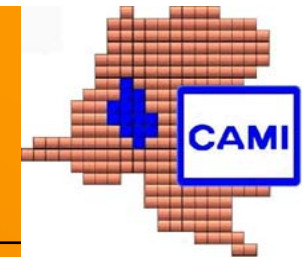
RESULTS OF THE FLEXICADASTRE TESTS



	PARENR	COMTDEV	CESPAR	CESTOT	TRMPAR
Type de Droit Minier	Enreg. de Plan d'atténuation et de réhabilitation (PAR)	Enreg. de Commencement des Travaux de Construction et Développement	Cession, partielle	Cession, totale	Transmission
<i>("License type" en FC)</i>	<i>Registration of the PAR</i>	<i>Reg. of Commencement of construction and development work</i>	<i>Conveyance partial</i>	<i>Conveyance total</i>	<i>Transfer, partial</i>
Permis de Recherches – Pierres précieuses	0%		0%	75%	0%
Permis de Recherches – Autres substances	0%		0%	75%	0%
Permis d'Exploitation		0%	0%	0%	0%
Permis d'Exploitation de la Petite Mine		0%	0%	0%	0%
Permis d'Exploitation de Rejet		0%	0%	0%	0%
Autorisation de Recherches des Produits de Carrières	0%				
Autorisation d'Exploitation de Carrières Permanente		0%	0%	0%	0%
Autorisation d'Exploitation de Carrières Temporaire					



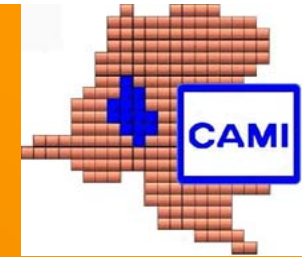
RESULTS OF THE FLEXICADASTRE TESTS



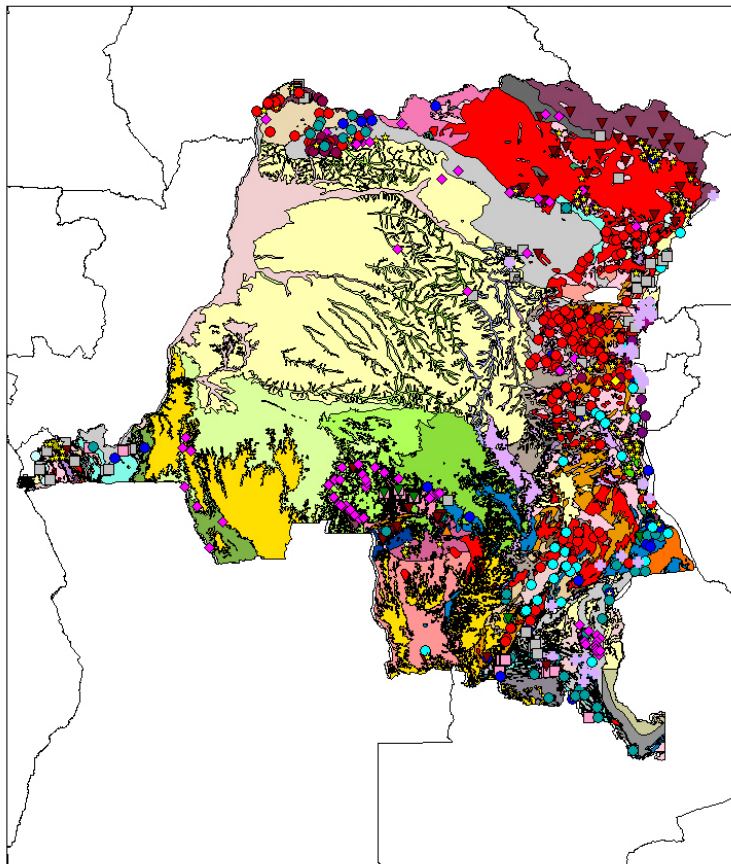
	TRMTOT	OPTION	DECHE ANCE_ NPAY	DECHE ANCE_ NCOM	SUSPEN	SANENV	Force majeur	Convention
Type de Droit Minier	Transmission	Contrat d'option	Déché ance		Pr faute grave	Contravent Aux obliga		
("License type" en FC)	Transfer, total	Option contract	Cancel lation					
Permis de Recherches – Pierres précieuses	75%	0%	0%	0%	building WF	building WF	Workflow to SD	Workflow to SD
Permis de Recherches – Autres substances	75%	0%	0%	0%	building WF	building WF	Workflow to SD	Workflow to SD
Permis d'Exploitation	0%		0%	0%	building WF	building WF	Workflow to SD	Workflow to SD
Permis d'Exploitation de la Petite Mine	0%		0%	0%	building WF	building WF	Workflow to SD	Workflow to SD
Permis d'Exploitation de Rejet	0%		0%	0%	building WF	building WF	Workflow to SD	Workflow to SD
Autorisation de Recherches des Produits de Carrières			0%		building WF	building WF		
Autorisation d'Exploitation de Carrières Permanente	0%		0%	0%	building WF	building WF		
Autorisation d'Exploitation de Carrières Temporaire					building WF	building WF		



DRC GEOLOGICAL AND MINERAL DEPOSITS KNOWN



CARTE DES GITES MINERAUX



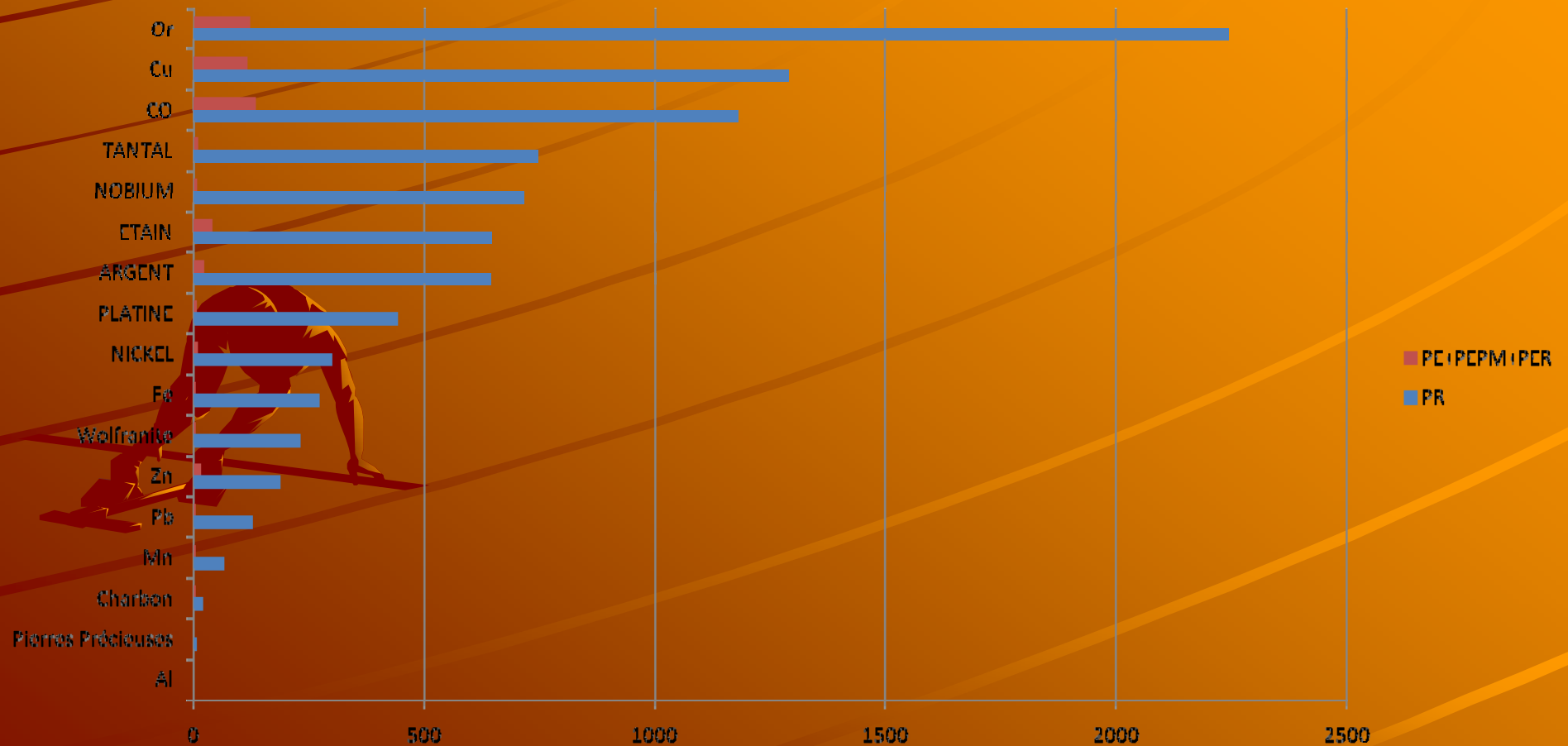
Simplified Geology

Ho / Holocene
pp / Pleistocene, Pliocene
tt mi / Neogene, Paleogene, Miocene
e / Lower Miocene, Eocene, Paleocene
c3 / Maastrichtian, Campanian, Santonian, Coniacian, Turonian
c2 / Albian, Aptian
c1 / Lower Cretaceous
C / Undifferentiated Cretaceous
J / Upper Jurassic
T / Lias? and Triassic
pc / Lower Permian and Upper Carboniferous
K / Katangian
L / Lindian
kg / Kundelungu and Grand Conglomerat
k3, k2, k2-3 / Upper-, Middle, Upper and Middle Kundelungu
a-1 / Aruwimi and Lokoma
aJ / Aruwimi, Lokoma
I, mp / Inkisi, Mpioka
lg, m / conglomerate Complex
k1 / Lower Kundelungu
g / Grand conglomerat
it / Ituri
sc / Schisto-calcaire with upper Tillite
sh / Haut Shiloango
ti / lower Tillite
b2, b0-1 / Upper-, Middle and Lower Bushimay
lu / Luamba
m-r / Mwashya and Roan
s / Sansikwa
LB / Lisi-Bembian
Lu / LULUA Volcano-sedimentary complex
Kb / Kibaran
B / Burundian
bj,m / Biliati and Luhule-Mobiso
kb2 / Upper and Middle Kibaran
kb1 / Lower Kibaran
Marungu rhyolites and associated sediments
M / Mayumbian
Lz / Luizian
Ab / Pre-Kibaran
R / Rusizian
Ki / Kibalian
G / Ganguan
Z / Zadinian
Ab, Ls / Undifferentiated Pre-Kibaran



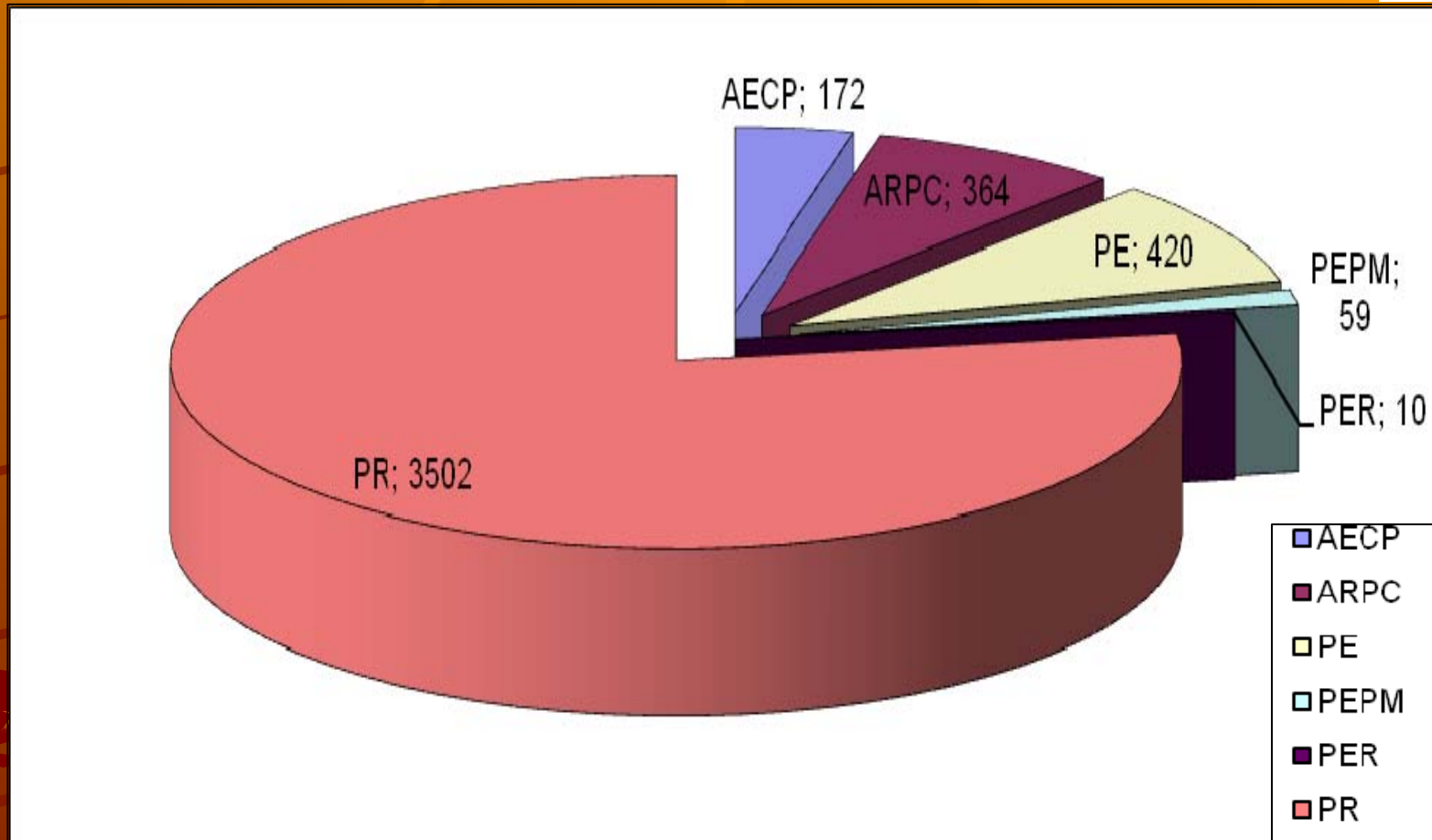
MINING RIGHTS

EXPLOITED OR EXPLORED RESSOURCES

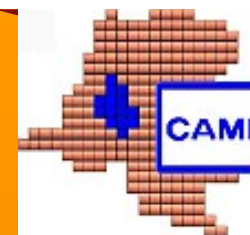




Actual Situation of Licenses



AEC : Autorisation d'Exploitation des Carrières Permanente
ARPC : Autorisation de Recherches des Produits de Carrières
PE : Permis d'Exploitation
PEP : Permis d'Exploitation de la Petite Mine
PER : Permis d'Exploitation des Rejets
PR : Permis de Recherches



AREA OCCUPATION RATE

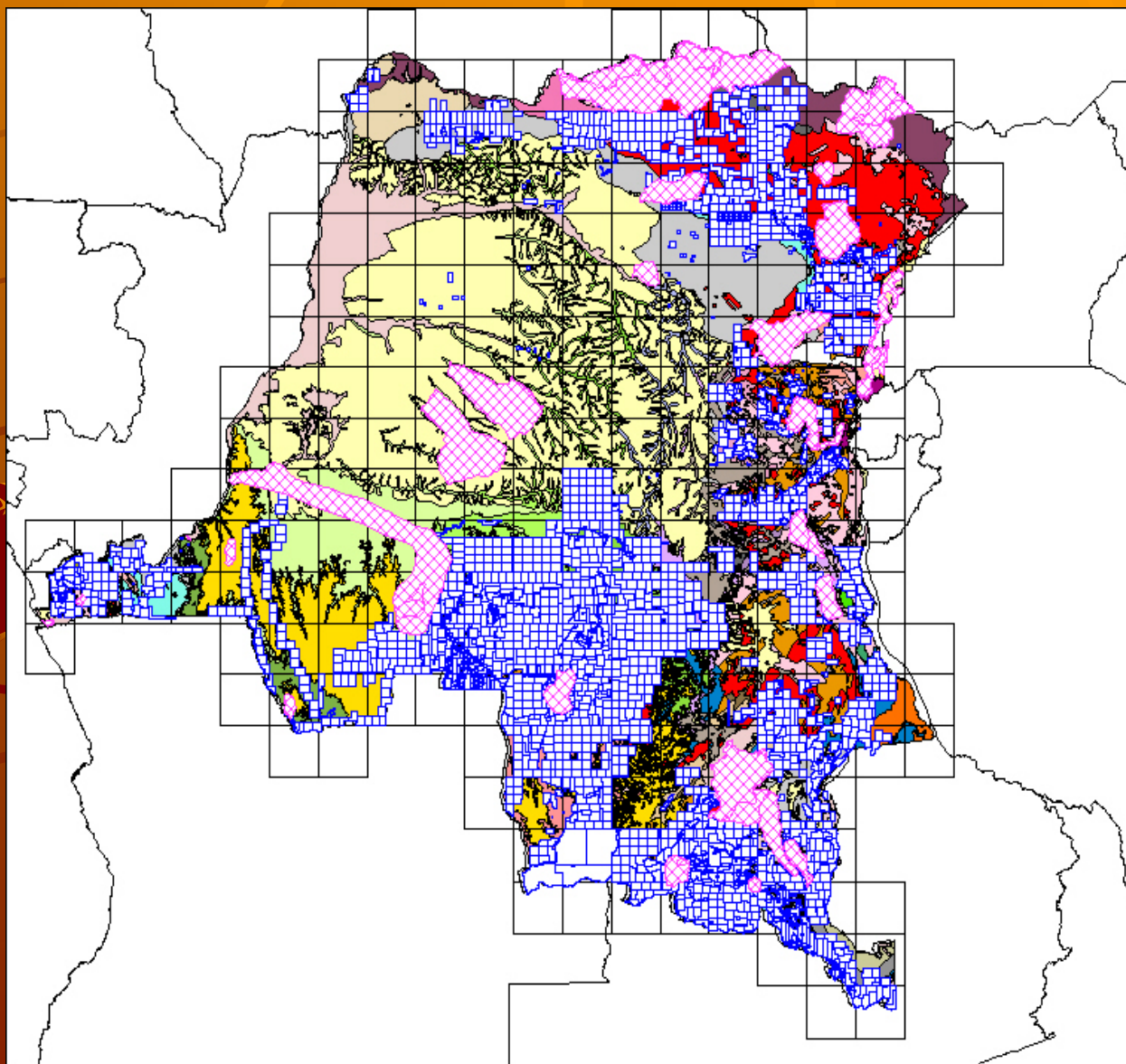
Areas (by carrés and by km ²)				
Nature du Permis	Abr	nb carrés	Sup km ²	%
Permis de Recherches	PR	914347	776783,49	33,10
Permis d'Exploitation	PE	20185	17148,17	0,73
Permis d'Exploitation de la Petite Mine	PEPM	926	786,68	0,03
Permis d'Exploitation des Rejets	PER	201	170,76	0,01
Autorisation de Recherches des Produits de Carrieres	ARPC	996	846,15	0,04
Autorisation d'Exploitation des Carrieres Permanentes	AECP	180	152,92	0,01
Espace libre	FREE		1551223,83	66,09
Total Sup. RDC			2347112	100,00
Total Sup occupée		936835	795888,17	33,91

NB: SUPERFICIE RESERVEE A L'EXPLOITATION ARTISANALE : 2565 Km²
SUPERFICIE EN RESERVE: 120000 Km²



Mining Cadastral Map (January 2009)

Licences granted





THE CAMI NEEDS

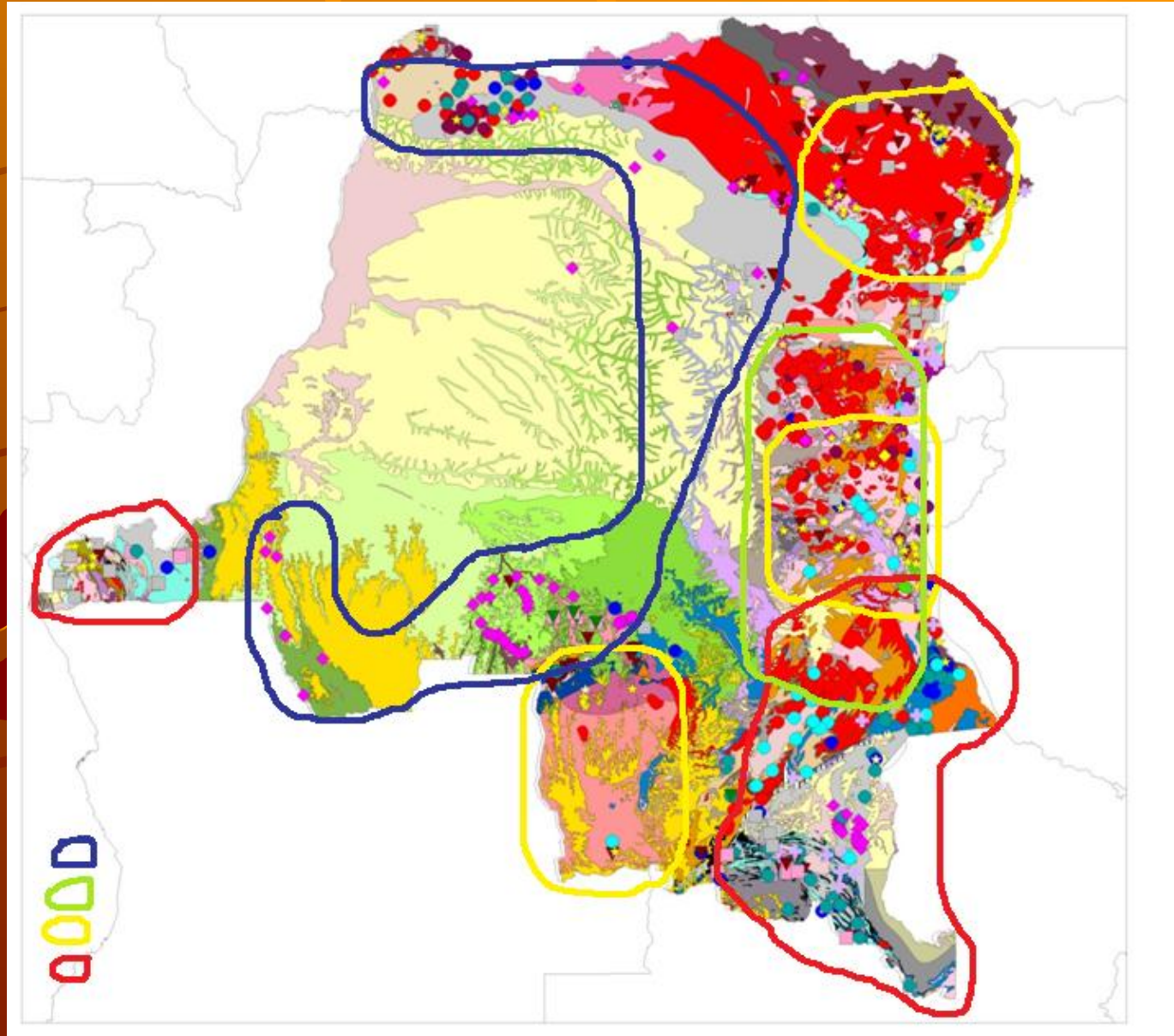
The actual goal of the CAMI is to perform his activities in Kinshasa, the capital of the DRC, and in all provinces (10 actually and 25 in the next two years).

These needs are classified as follows:

- ◆ Tests of remaining workflows
- ◆ Deployment in Provinces
- ◆ Installation of a reliable communication system between Central Office and regional offices.
- ◆ CAMI staff training
- ◆ To create a shape of metallogenic repartition as follow



DRC METALLOGENIC Map





THANK YOU



THE CAMI MAIN OFFICE