

RDF Digitalization Model

Public Administration Systems

▶ Where systems make the biggest impact of accountability, efficiency and improving citizen's services in revenue generating sectors

- ▶ Latest web-based technology and standards
 - ▶ Easy-to-learn user interface
 - ▶ Configurable to regulations
 - ▶ API integrations with other systems
- ▶ Agile approach
 - ▶ We install the system in week 3
 - ▶ Incremental implementation, long-term presence
 - ▶ Ambitious goals, push-pull client
- ▶ Methodology
 - ▶ Knowledge sharing between countries
 - ▶ Projects contribute to system development – everyone benefits with free upgrades
- ▶ Affordable

No Software License Costs, Free Remote Support

Government institutions have very limited recurrent expenditure budgets and donors can only pay for investments

- RDF as non-profit entity ensure sustainability
- No recurrent costs, no license fees
- RDF use all its funds and surplus on extra support

Government Revenue as Purpose

Increasing revenue is a government priority, a strategic development goal, reducing aid reliance and proven by research to increase institutional capability

- Revenue is measurable, tangible results
- Political support for change

Systems Overview

RDF Webinar on Systems for EITI mainstreaming

24 March 2021

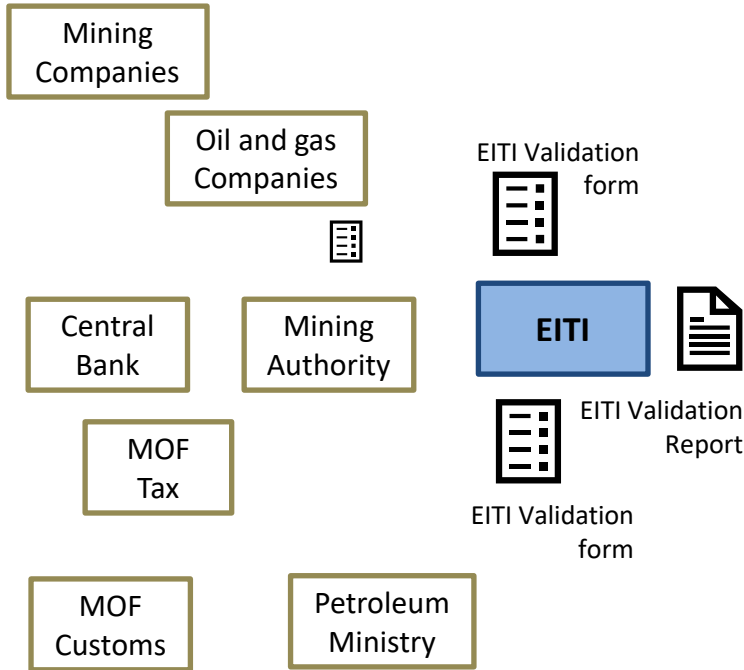
Agenda

1. Background
2. What does it entail?
3. What is required?
4. RDF Solutions
5. Ideal setup

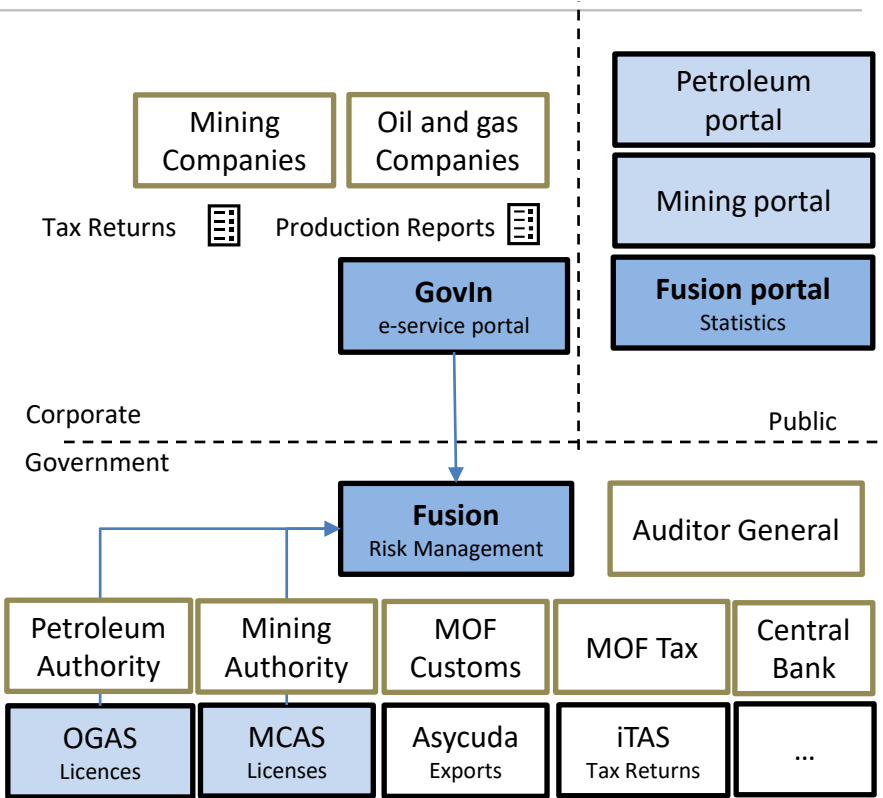
Background

- EITI Validation was initially a parallel process to government oversight mechanisms, conceptualized without any trust in country systems
- Governments have digitalized, at least in key areas relevant for EITI
- Expectations from the public have changed; digital services, live data
- How did EITI respond:
 - EITI International secretariat started formulating mainstreaming plans in 2016.
 - Mainstreaming is now a key strategic objective, and will be a requirement in 2-3 years.
 - EITI “adapts to its success” and stays relevant
- Countries must progress on mainstreaming quickly, in order to stay compliant going forward

**No trust in Government systems
EITI Validation as parallel process**



**Functional Government systems in place
EITI mainstreamed**

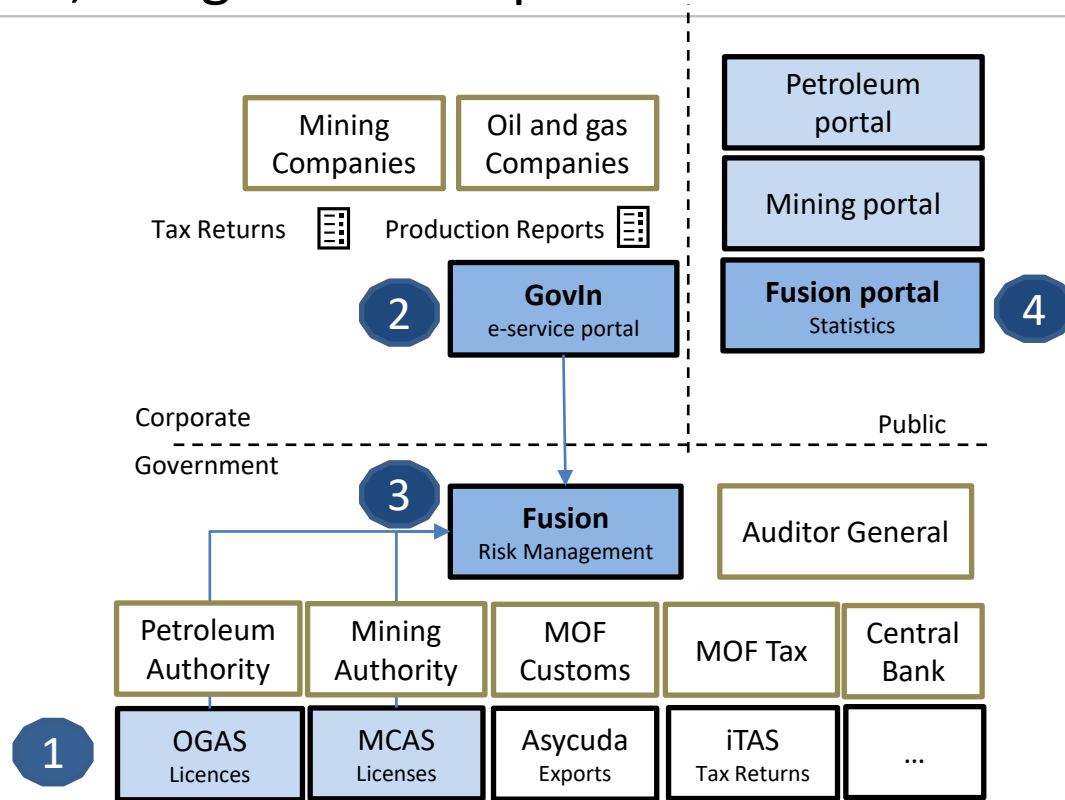


Functional systems integrated data sharing

What does it entail?

1. All license-related data should be automatically disclosed online
 - Mining and petroleum authorities have license management and payment systems automatically disclosing data
 - Example MCAS disclosure to portals in SL, LR, GH, ML, AF
2. Companies report online
 - Tax returns to include all EITI aspects related to company
 - License-related reports (production) to include all EITI aspect related to project-level
3. All relevant government systems share data to a central database, available for audits
 - Company profile with all transactions; licenses, customs, tax administration, central bank etc.
 - Example SN, GN
 - AG Report take lead on EITI report, maybe replaces it
 - Focus on systems audit, quality of processes
4. Publish key data from central database periodically
 - Statistical data, quarterly

RDF Solutions, integration setup



Functional systems integrated data sharing

What is required

- All countries can start somewhere
- Some key systems in place
 - Licenses
 - Tax
 - Customs
- The more mature systems => more automation, analysis
 - System processes quality
 - All systems must reference tax identification number (or other unique id)
- Feasibility study can be part of system implementation

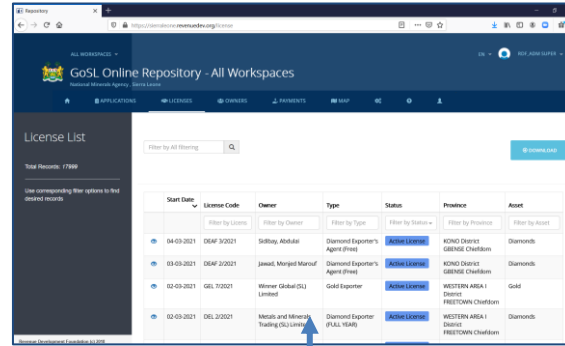
1. License-related systematic disclosure

Public Transparency portal
Attract investment
Transparency
Company Online submissions

Cloud

Government

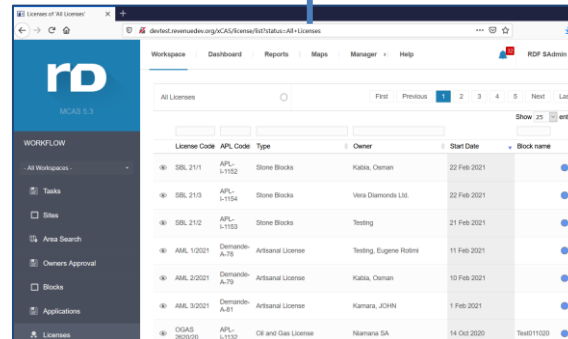
xCAS license management system
Govt staff manage applications, licenses, blocks, fee calculation, reporting obligations, reports review, payment collection (using NTRS or other)



The screenshot shows the 'GoSL Online Repository - All Workspaces' interface. It features a search bar and a table of license records. The table has columns for Start Date, License Code, Owner, Type, Status, Province, and Asset. A blue arrow points from the 'Automated publication' label to the 'Status' column of the table.

Start Date	License Code	Owner	Type	Status	Province	Asset
04-03-2021	DEAF 3/2021	SilRay, Abdulaz	Diamond Exporter's Agent (Free)	Active License	KONO District GENEVE Chetiam	Diamonds
03-03-2021	DEAF 3/2021	Jesse, Mergel Maruf	Diamond Exporter's Agent (Free)	Active License	KONO District GENEVE Chetiam	Diamonds
02-03-2021	GEL 7/2021	Winer Global (S) Limited	Gold Exporter	Active License	WESTERN AREA 1 DORNA FREETOWN Chetiam	Gold
02-03-2021	DEL 2/2021	Mech and Miroslav Trading (S) Limited	Diamond Exporter (FSL 1048)	Active License	WESTERN AREA 1 DORNA FREETOWN Chetiam	Diamonds

Automated publication



The screenshot shows the 'Licenses of All Licenses' interface in the xCAS system. It displays a table of license records with columns for License Code, APPL Code, Type, Owner, Start Date, and Block name. A blue arrow points from the 'Automated publication' label to the 'Status' column of the table.

License Code	APPL Code	Type	Owner	Start Date	Block name
SBL 21/1	APL-1-1152	Stone Blocks	Katka, Oeman	22 Feb 2021	
SBL 21/3	APL-1-1154	Stone Blocks	Vera Diamonds Ltd.	22 Feb 2021	
SBL 21/2	APL-1-1153	Stone Blocks	Testing	21 Feb 2021	
AML 1/2021	Demand-1-79	Artisanal License	Testing, Eugene Rotter	11 Feb 2021	
AML 2/2021	Demand-1-79	Artisanal License	Katka, Oeman	10 Feb 2021	
AML 3/2021	Demand-1-81	Artisanal License	Kamara, JOHN	1 Feb 2021	
OGAS 2020/0	APL-1-1132	Oil and Gas License	Niamana SA	14 Oct 2020	Test011020

1. License-related systems

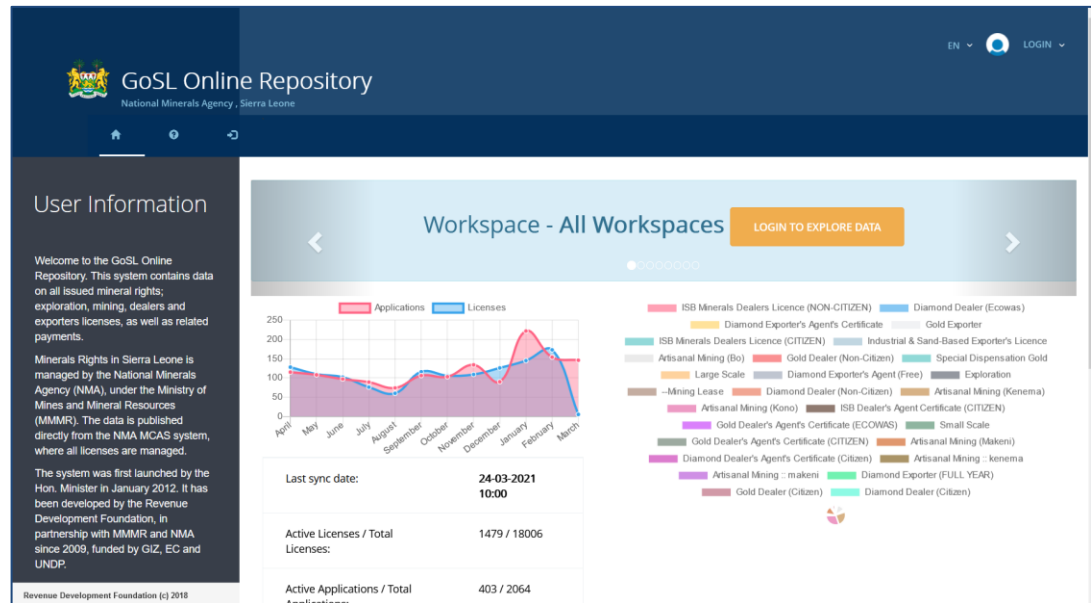
- Go beyond mining cadastre overlap detection
- Processing applications to licenses workflow
 - Allocation approval process tender, first-come
 - Contract terms
 - Contract publication
 - Calculation of fees
- All license types
 - Large-scale, small-scale
 - Artisanal
 - Dealers and exporters

The screenshot shows the rD MCAS 5.3 software interface. The top navigation bar includes 'Workspace', 'Dashboard', 'Reports', 'Maps', 'Manager', and 'Help'. A notification banner at the top indicates 'Report Tracking Record updated'. The main content area is titled 'License : LSML 2598/19' and features a 'Documents' tab. Below the tabs, there is a section for 'Annual Reports' with a toggle set to 'ON' and a date of '11-26-2019'. A 'Reports Tracking' section shows two entries: '26 Nov 2019 [24 Jan 2021]' and '26 Nov 2020 [24 Jan 2022]'. A 'Documents' section displays a table with columns for 'Author', 'Description', and 'Date'. The table contains two entries: 'user' for 'Reports Tracking' and 'user' for 'Application Receipt for APL-I-1119'. A search bar and a 'Show 10 entries' dropdown are also visible.

Author	Description	Date
user	Reports Tracking	26 Nov 2019, 09:14
user	Application Receipt for APL-I-1119	26 Nov 2019, 09:00

1. License-related systematic disclosure

- Go beyond license tenement map
- Lookup company, license for due diligence
- License allocation criteria, fiscal terms
- License agreement in PDF download
- Company ownership details
- Excel data download



2. License-related online company reporting

- “My Company” pages
 - Compliance self-service
 - Systems-based trust
- Outstanding fees
- Request renewals
- Outstanding reports for submission
 - Can link to GovIn form submission

rd Online Applications Portal - All Workspaces
Government of Mining

ALL WORKSPACES ▾ APPLY ONLINE EN 👤 RDP SYSTEM USER ▾

HOME DRAFT APPLICATIONS MY APPLICATIONS MY LICENSES

License Dashboard

LSML 2597/19
Active License

← BACK

License LSML 2597/19 ☆

Renewal approved 26-11-2019

General Map Payments Tracking Reports

Report Due	Report Period	Name	Status	Upload Date
22-01-2021	24 Nov 2019 [22 Jan 2021]	Annual Reports	Not Submitted	<input type="button" value="Browse..."/> No file selected.

Revenue Development Foundation (c) 2018

2. GovIn online reporting

- Dynamic Form builder – create any form
 - EITI declarations
 - Production reports
 - Tax Returns
- Each form submits to “target” system
- Can be centralized as single-window for all govt services
- Each form has auto-generated API for electronic submission

The screenshot displays the user interface for reporting for 'Sociétés Minières et Pétrolières 2019'. The interface is divided into several sections:

- Header:** Sociétés Minières et Pétrolières 2019
- Status:** Statut: en cours
- Dates:** Date de début: 25-05-2020, Date d'échéance: 31-05-2020, Dernière Modification: 25-05-2020
- Progress Indicators:** Three colored boxes represent the status: 'à remplir' (grey), 'en cours' (blue), and 'complet' (green).
- Actions:** 'Soumettre' (Submit) and 'Supprimer' (Delete) buttons.
- File Upload Section:** 'Téléversement Fichier Excel' with a link to 'Formulaire IITIF - Téléchargement des Tableaux Excel (à Remplir)' and a 'Choisir un fichier' button.
- Instructions Section:** A list of instructions for data entry, including using the shift key for numbers and the order of form completion.
- Form Steps:** A vertical list of 14 steps: 1 - Fiche Signalétique, 2 - Contribution Economique, 3 - Formulaire de Déclaration, 4 - Détail des Paiements, 5 - Production, 6 - Exportations et Ventes, 7 - Structure du Capital, 8 - Bénéficiaires Effectifs, 9 - Paiements Sociaux et Environnementaux, 10 - Transactions de Troc / Projets intégrés, 11 - Prêts et Subventions, 12 - Procédures d'Attribution et de Transfert, 13 - Achat et Vente des Matières Premières, 14 - Attestation Finale / Signature.

3. Fusion systems integration

- Pulls data from government systems
- A “service” (data source) may consist of several datasets
- All data is tied to taxpayer id / company profile

The screenshot shows a web browser window with the URL 54.93.33.98:8080/NTR/CSV/list/3. The page title is "List: CPDM". The interface includes a navigation menu with options like "Services", "Data", "Rapports", "Tableaux de bord", "Indicateurs", "Outils", and "Aide". A sidebar on the left lists various services: BNE, BSD, CPDM (highlighted), DGD, DNI, DNM, DNTCP, and ITIE. The main content area displays a table of tax permits with columns for CODE, Ancien Code, Nom, Nom de Societe, Jurisdiction, Type, Substances, Statut, Date d'Octroi, and Date fin de validite. A "Download in Excel" button is visible in the top right.

CODE	Ancien Code	Nom	Nom de Societe	Jurisdiction	Type	Substances	Statut	Date d'Octroi	Date fin de validite	Sup
10010	A2008/3781/MMG/SGG	121-III-	SOCIETE GUINEA PROJET-SARL	Guin,e	PE-ID	Or	Valide	10/13/2008	10/12/2013	8
10147	A2015/6668/MMG/SGG	380-I-	SOCIETE NANALEN GOLD MINE (NGM) SA	Guin,e	PR-I (Or)	Or	Valide	12/28/2015	12/27/2018	88
10207	A2010/2390/MMG/SGG	264-IV-	SOCIETE AFRICAINE DE DEVELOPPEMENT MINIER (ADEM)	Guin,e	PR-I (Fer)	Fer	Valide	6/23/2010	6/22/2013	37
10340	A2013/546/MMG/SGG	38-I-(12)-	SOCIETE CARDOZ FINANCIAL INTER GROUP HOLDING	Guin,e	PR-I (Or)	Or	Valide	3/18/2013	3/17/2016	16
10762	A2009/0589/PR/MMEH/SGG	184-I-	SOCIETE CENTRALE D'AFFAIRES ET PARTENARIAT SARL	Guin,e	PR-I (Or)	Or	Valide	3/2/2009	3/1/2011	12

3. Audits by Auditor-General

- Fusion automatically detects discrepancies, comparing data across data sources
- Not just for EITI

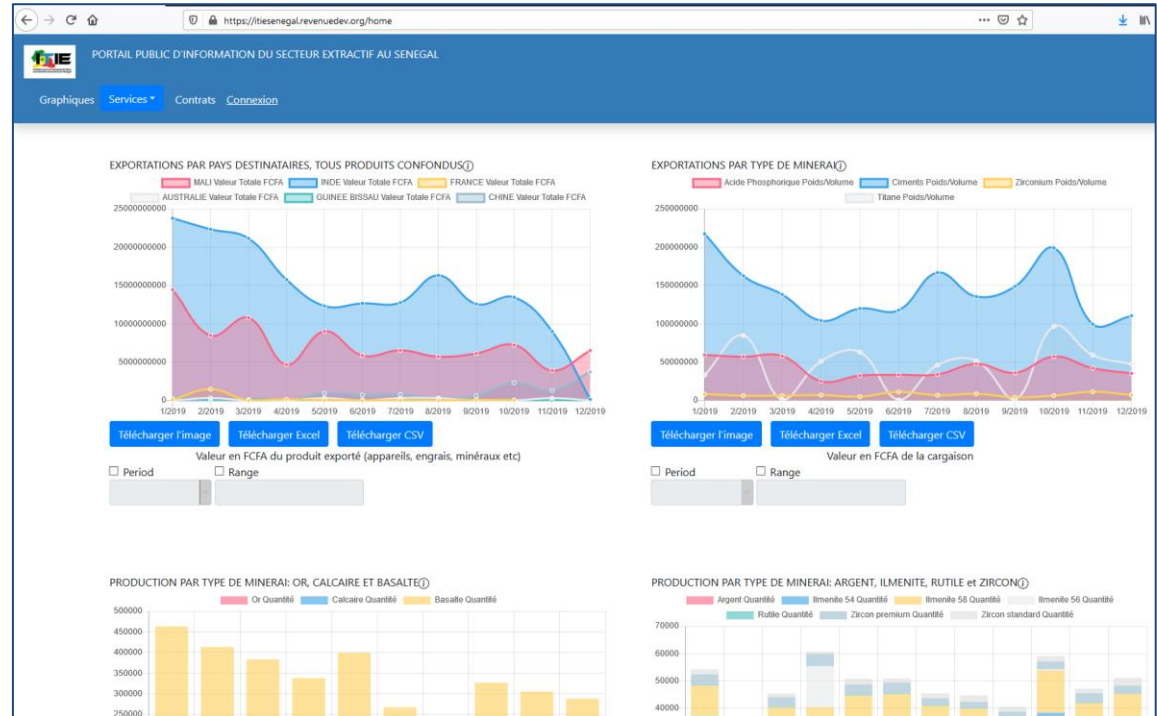
	Left Dataset	Right Dataset
Service	CSS	ITIE - Déclarations GovIn
Format	Détails paiements (Périmètre)	GovIn Paiements CSS
Match	NINEA	Ninea de la société déclarante
Compare	Montant CFA - (100.0%)	Montant FCFA - (100.0%)

Show entries

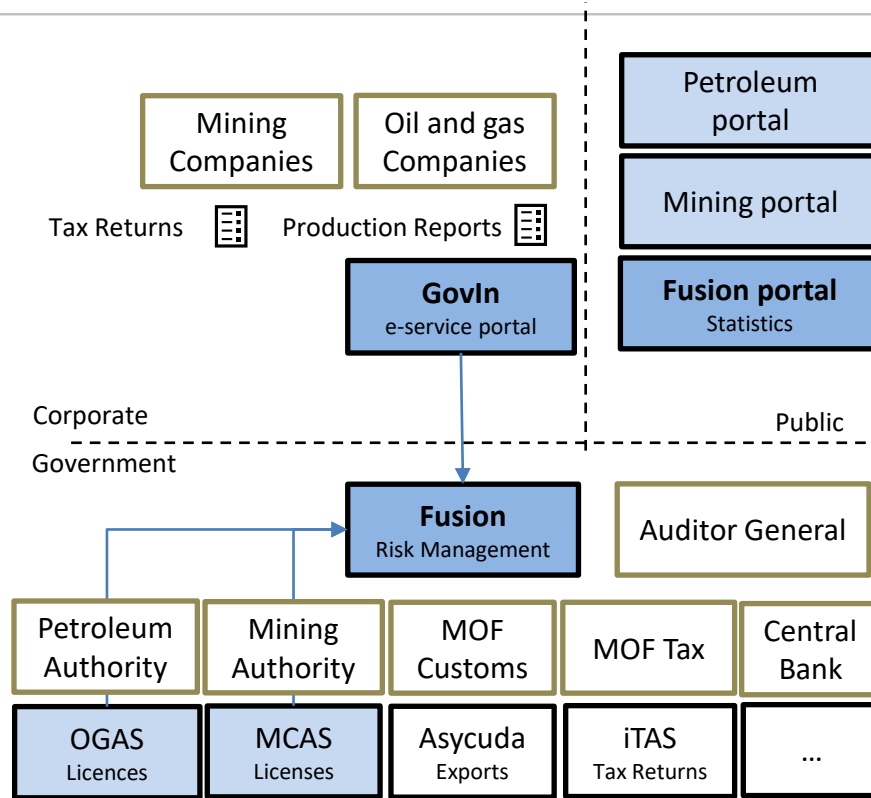
Match	Company Name	value1	value2	Difference Absolute Value (value1-value2)	% Difference Absolute Value (value1-value2)
000022955	INDUSTRIES CHIMIQUES DU SENEGAL	206,845,059	206,845,055	4	0
000023896	SOCIETE DES MINES DE FER DU SENEGAL ORIENTAL UFG3/348/R	1,013,040	1,013,040	0	0
000196784	COGECA BG-CGE 061	46,922,350	82,922,350	36,000,000	43.41
000325995	LES CIMENTS DU SAHEL SA	130,032,195	130,032,195	0	0
000415770	Fortesa International Senegal	12,750,040	12,750,040	0	0
002464410	SABODALA MINING COMPANY SARL	1,171,800	1,171,800	0	0

4. Fusion online portal

- Statistical data publication
- Selected data published from Fusion



Ideal setup



Functional systems integrated data sharing

Please type questions in the chat window