







Presentation Outline



- Introduction
- History of APDMf
- What we face
- Objectives
- Our Organization
- Achievements
- Future Plans
- Conclusion



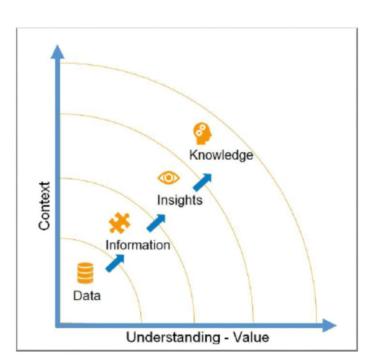
Introduction





The World's most valuable resource is no longer Oil, but Data!

- The Economist 2017

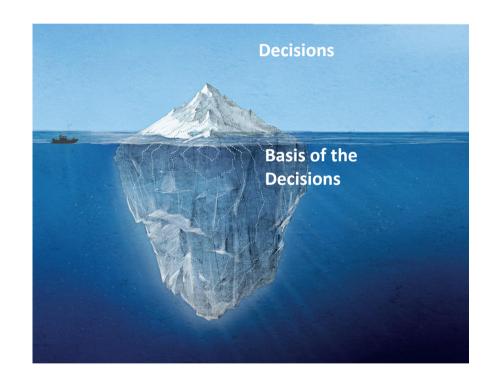


Unused/Missing data is of no value



What We face







APDMf: The Story

NORWEGIAN PETROLEUM DIRECTORATE

- Some African Countries are Prospecting or have Discovered Oil and Gas.
- Similar challenges require Common Solutions.
- Engender effective development through the sharing of ideas, experiences and achievements.

• 7 Current members: Uganda

(Tanzania & Zanzibar returned in 2019

with Sudan exiting later in the year)



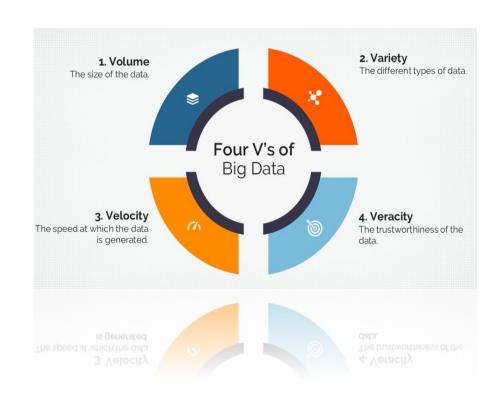


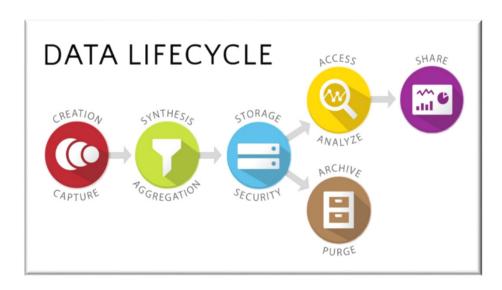
APDM Workshop, Maputo, 2019



What We face











Objectives





Awareness – Of ongoing Petroleum Data and Resource Management Activities



Share – Petroleum Data Management Best Practices, Achievements and Challenges



Synergy – Identify synergies between different Countries and Areas of Collaborations



Leverage – Fully utilize available Technical and Financial Support for various activities and initiatives



Challenges



Legal Framework

- Regulations and Policies on DM
- Enforcement mechanisms
- Data governance

Organizational Set up

- Organization's Operations and Culture
- Place of DM in Organizational Structure

Professional Competences

- Required Skills and experts
- Minimum DM activities and functions
- Required Data Standards to implemented









Steering Committee



SC meets at the beginning of every year to **review** and **plan the activities** of APDMf

Roles of Committee Members

- Represent the needs and share experiences of member country
- Formulating Strategies
- Monitoring Progress
- Advising on Issues of DM & Planning Future Events





APDM Operations



Terms Of Reference

Terms of Reference for the steering Committee for Africa Oil for Development Countries on Petroleum Data Management

Steering Committee's Mandate and Scope

- · Making Global footprints through publication in relevant media
- Liaison between NPD and PDM professionals

Roles of Committee Members

- Represent the needs and share experiences of member country
- Understand the implications and advocate for initiatives pursued by the SC

Membership

- One Member from each OfD country
- Chairman and Secretary will be elected
- All SC members will serve a 2 term, except when a member country does not nominate a new representative
- The Chair or Acting Chair shall convene meetings







APDM Operations



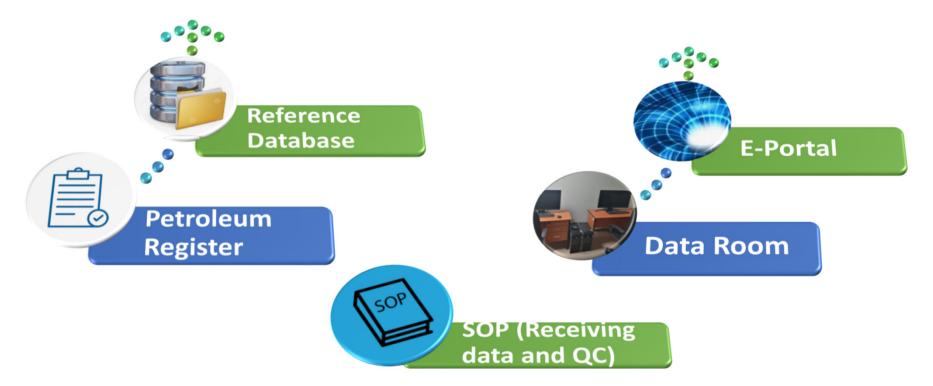
Key Notes:

- Details the status of DM for each country
- The strengths of each country
- DM Challenges categorized into:
 - **Terminology/ Naming Conventions**
 - Reference Database
 - **Production Data**
 - ICT/ IT infrastructure and Support
 - Seismic Data Management
 - Reporting Petroleum Data Well data
- Way Forward



DM Success in Africa: Ghana



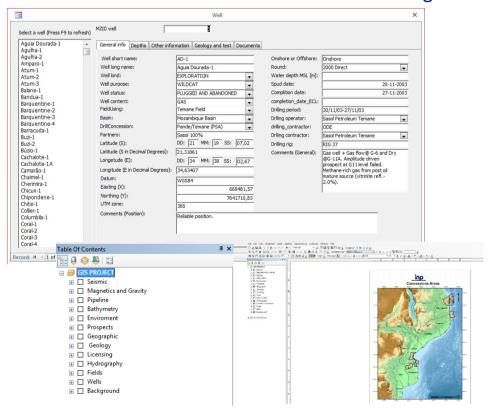


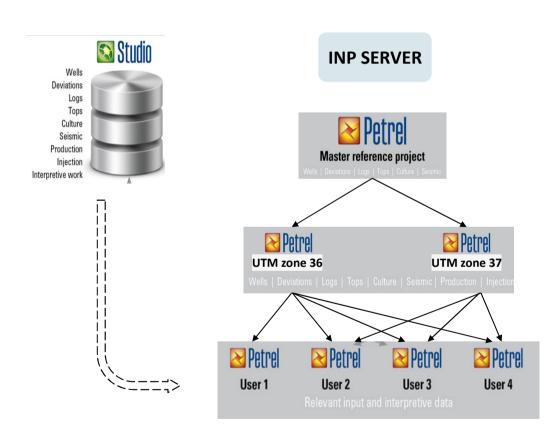


DM Success in Africa: Mozambique



INP: Reference Database and Geodatabase Integration



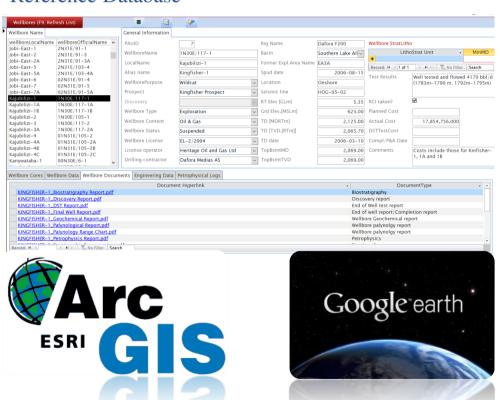




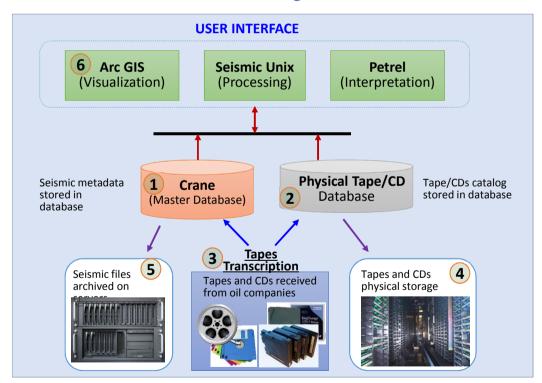
DM Success in Africa: Uganda



Reference Database



Seismic Data Management

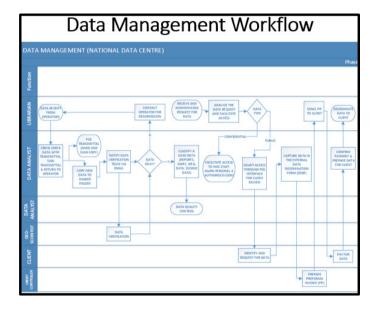




DM Success in Africa: Kenya



- Well documented procedures for the running of the NDC
- Secure National Asset
- Centralized and Integrated E&P Data Management Solution
- Easy and Secure Access
- Informed Decision Making



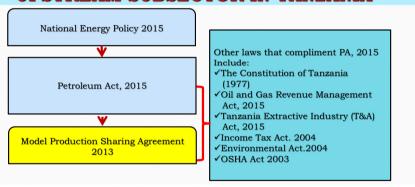




DM Success in Africa: Tanzania



KEY INSTRUMENTS GOVERNING THE PETROLEUM UPSTREAM SUBSECTOR IN TANZANIA

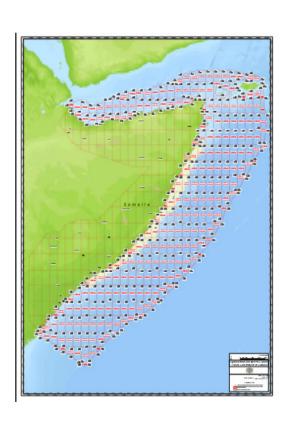


- Detailed upstream institutional structures
- Strong legal framework that govern data management processes
- Petroleum resource account
 The 1st workshop for the petroleum resource account with the creation of a worksheet for this purpose
- Reference database









Developments in Legal and Regulatory Framework

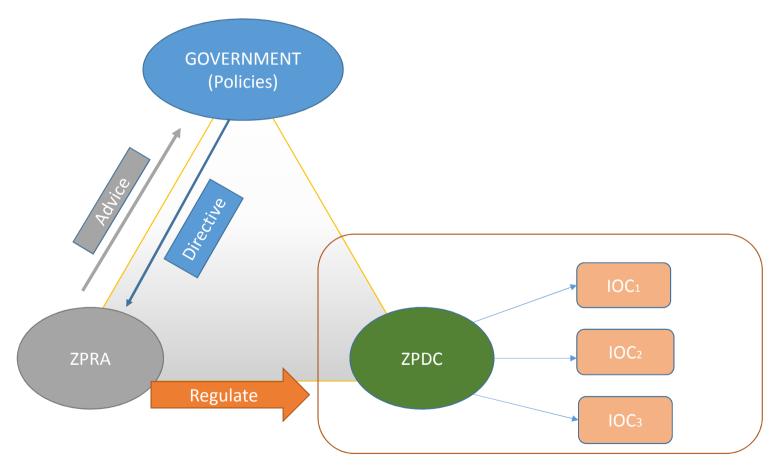
- Petroleum Bill 2017;
- Production Sharing Agreement Model Somalia (PSA)
- The Petroleum Environmental Regulations;
- The Health and Safety Regulations;
- The Downstream Regulation;
- Resource sharing agreement (Oil, Gas and Minerals)

Working towards a simple PDM System



DM Success in Africa: Zanzibar









☐ Peer To Peer Collaborations

- Identify synergies between the different countries and areas of collaboration
- Leverage Technical and Financial support for the various activities and initiatives

☐ Industry Engagement

- Advocate for Capacity Building through Secondments and Field work
- Being update-to-date with industry trends

- User needs assessment and forecast
- Understand the Organization's business model







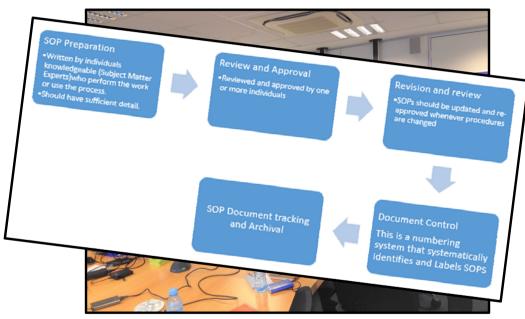
☐ Peer To Peer Collaborations

- Identify synergies between the different countries and areas of collaboration
- Leverage Technical and Financial support for the various activities and initiatives

☐ Industry Engagement

- Advocate for Capacity Building through Secondments and Field work
- Being update-to-date with industry trends

- User needs assessment and forecast
- Understand the Organization's business model





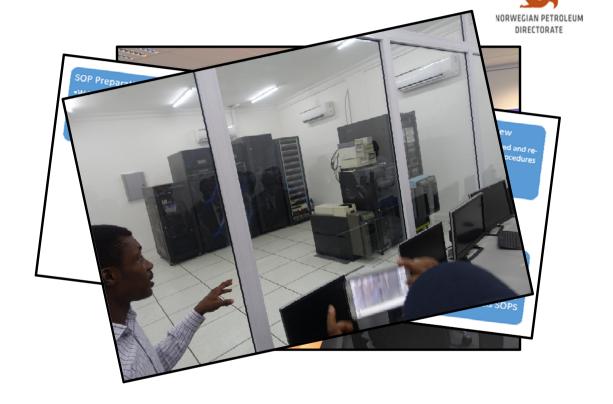
☐ Peer To Peer Collaborations

- Identify synergies between the different countries and areas of collaboration
- Leverage Technical and Financial support for the various activities and initiatives

☐ Industry Engagement

- Advocate for Capacity Building through Secondments and Field work
- Being update-to-date with industry trends

- User needs assessment and forecast
- Understand the Organization's business model





NORWEGIA

☐ Peer To Peer Collaborations

- Identify synergies between the different countries and areas of collaboration
- Leverage Technical and Financial support for the various activities and initiatives

☐ Industry Engagement

- Advocate for Capacity Building through Secondments and Field work
- Being update-to-date with industry trends

- User needs assessment and forecast
- Understand the Organization's business model

					111	
2	OfD Country	XXX				
3	Name of Regulator/Government Institution	XXX				
4						
5	NB.	%	Y/N			
6	Strong	100	Yes			
7	Weak	0	No			
8						
9	DM Function/Activity	Kenya		Mozambique	Uganda	Somalia
10		MoPM	NOC Kenya			
	Part of Project/PSA/PDO/FDP Team	100	0	Yes 20%	Yes	0
	Receives Data Notice/Report		30	Yes 100%	Yes	0
13	Receives E&P Digital Data		100	Yes 100%	Yes	5%
	Receives Geological Data (Cores, Samples, etc)	0	100	Yes 100%	Yes	0
15	Acknowledges Data Receipt		100	Yes 100%	Yes	0
16	Responsible for QA/QC of Submitted Data	0	100	Yes 100%	Yes	0
	Licenses Data to Operators/IOCs	100	0	Yes 100%	No	0
18	Run/Manage the NDR	0	100	Yes 100%	Yes	0
19	Responsible for Data Ownership	100	0	Yes 100%	No	0
20	Existing DM Regulations/Guideline (Data format & Stds)	100	0	No 25%	Yes/No	0
21	Existing DM Standard Operating Procedures (SOPs)	0	100	No 25%	No	0
22	Responsible for DM Budgetting/Financing	50	50	Yes 100%	Yes	0
2	Pocnoncible for Data Transcription		100	Voc 100%	Voc	0



Future plans



- Participation in Data Management and Petroleum related Conferences
- Promote Data Management Regulations to member countries
- Share on how to manage Production Data
- IT/ICT Infrastructure and Importance





Conclusion



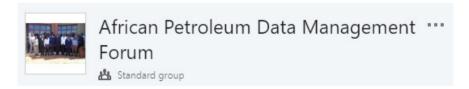




".....there can be NO Optimal Resource Use and Governance without proper Data Management"



THANK YOU



Be part of out team...join our LinkedIn and Facebook Page