

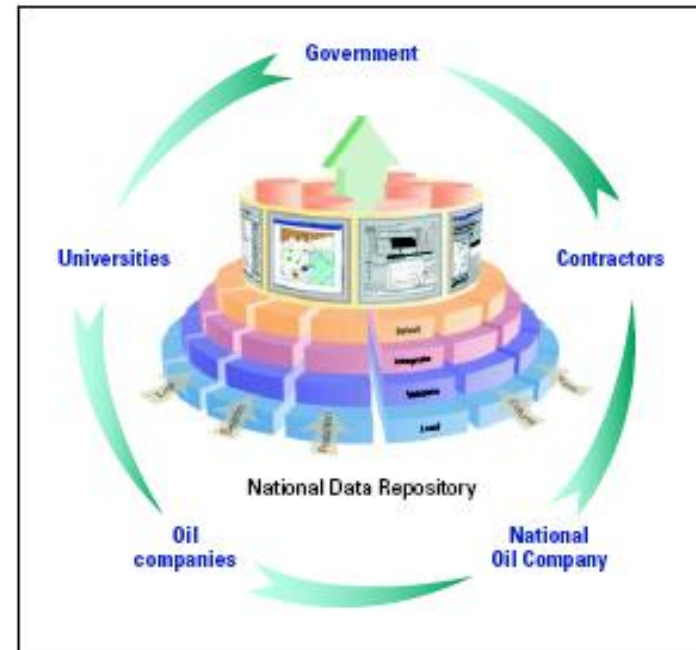
# 11<sup>th</sup> National Data Repository Meeting Sharing at CCOP Meeting



- Overview of National Data Repository (NDR)
- The NDR Meeting
- Benefit of hosting NDR Meeting
- Next Steps

**National Data Repository is a central repository for all data generated by activities of hydrocarbon Exploration and Production (E&P) throughout the country's oil and gas history.**

- National data repositories (NDR) of E&P data are to be found in some form or other in most countries where there are, or have been, significant oil and gas operations.
- Typically NDRs is simply storage places for data to be gathered and archived, effectively the vault where E&P data is managed and preserved.
- NDRs are usually operated by an official agency representing some level of government, e.g national, state, provincial or regional, which is seen principally as custodian for E&P data assets.
- The common drivers for setting up NDR are cost saving and efficiency to access data



*An NDR serves as central repository of E&P technical data of known quality. It also provide communication between the local industry players*

Source - Schlumberger

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### **NDR serves important roles in E&P data preservation, safeguarding it, promoting investment and act as centralized repository knowledge for the country**

The official agency who operates NDR have several key important roles which may include:

- to manage and preserve all data generated from oil and gas E&P activities in the geopolitical region;
- to report to government regulatory agencies; fulfill the industry's legal obligation to track and report activities and to archive reserves information;
- to provide a central repository knowledge for the geotechnical community at large, including oil companies, government and universities;
- to assist in promoting investment in the country's oil and gas industry by making data of known quality accessible to prospective new investors;
- to manage the technical publications on the country's petroleum resources.



## **History : started in 1996, 10 meetings so far**

### **Host/organizer :**

- Meeting is hosted by any country on volunteer basis
- Energistics taking the lead as main organizer

### **Frequency of the meeting**

- No fix interval
- So far it was held within every 1 to 2 years

### **Format of the meeting** (see attachment)

- No standard/fix format, usually include:
  - Keynote presentation
  - General topics presentation on NDR
  - Special topic presentations of data management
  - Technology update by service industry
  - NDR progress report by each country
  - Workshop and discussion
  - Tour and visits

### **Participant**

- Open to any state petroleum authority, NOC, oil companies and service providers

## **Meeting Objectives**

- Exchange ideas on general and technical aspect of data management such as process, procedures and standards
- Share progress and experiences (issues and challenges) of NDR implementation by each country representative
- Networking among NOCs/State Petroleum Authorities and E&P data management service providers
- Keep abreast with latest technology and/or industry best practices in data management.

## **Sponsorship**

- Usually service providers are encouraged to sponsor meal/refreshment

## **Length of Meeting**

- Usually between 2 to 3 days

## **Cost and Charges**

- Participant bear their own expenses to attend the meeting
- Starting 2012, fee is USD200 per person



Tanzania  
Angola  
Ghana  
Oman  
Kazakhstan  
Turkey  
Malaysia  
Kenya  
Nova Scotia  
China  
Australia

and more ...



Norway  
UK  
Holland  
Russia  
Siberia  
Alberta  
South Africa  
USA  
Namibia  
Brazil  
Columbia  
New Zealand  
Netherlands  
Peru  
East Canada



## PAST AND FUTURE NDR MEETING



Meeting No.	Date	Venue	Host
NDR1	22 - 23 April 1996	London, UK	Department of Trade Industry (DTI)
NDR2	23 - 24 Sept 1996	Stavanger, Norway	Norwegian Petroleum Directorate (NPD)
NDR3	16 - 17 June 1997	Calgary, Canada	QC Data
NDR4	5 – 7 March 2002	Stavanger, Norway	Norwegian Petroleum Directorate (NPD)
NDR5	21 -23 Sept 2004	Washington, USA	American Geological Institute (AGI) and US Geological Society (USGS)
NDR6	19 – 22 Sept 2005	Utrecht, Netherland	TNO
NDR7	18 – 21 Sept 2006	Cartagena, Colombia	National Hydrocarbon Agency (ANH)
NDR8	18 – 21 Feb 2008	Cape Town, South Africa	Petroleum Agency SA
NDR9	31 Aug- 3 Sept 2009	New Delhi , India	Directorate General of Hydrocarbons (DGH)
NDR10	13- 15 Mac 2011	Rio De Janeiro, Brazil	National Agency of Petroleum, Natural Gas and Biofuels (ANP).
NDR-11	21 – 23 October 2012	Kuala Lumpur, Malaysia	PETRONAS to host the NDR11



- Venue to promote E&P technical data capabilities i.e.: infrastructures, technologies and processes.
- Establish networking and explore possible collaboration with NOC/State petroleum authorities on E&P data management and others
- To promote the country's E&P opportunities to other NOC/ state petroleum authorities e.g. Petrobras, Shell Brazil, Norwegian Petroleum Directorate (NPD)
- To reflect company's commitment and support in internalizing good data management and governance work processes among the global NDR community of practice

## Breakouts: Draft Topics List

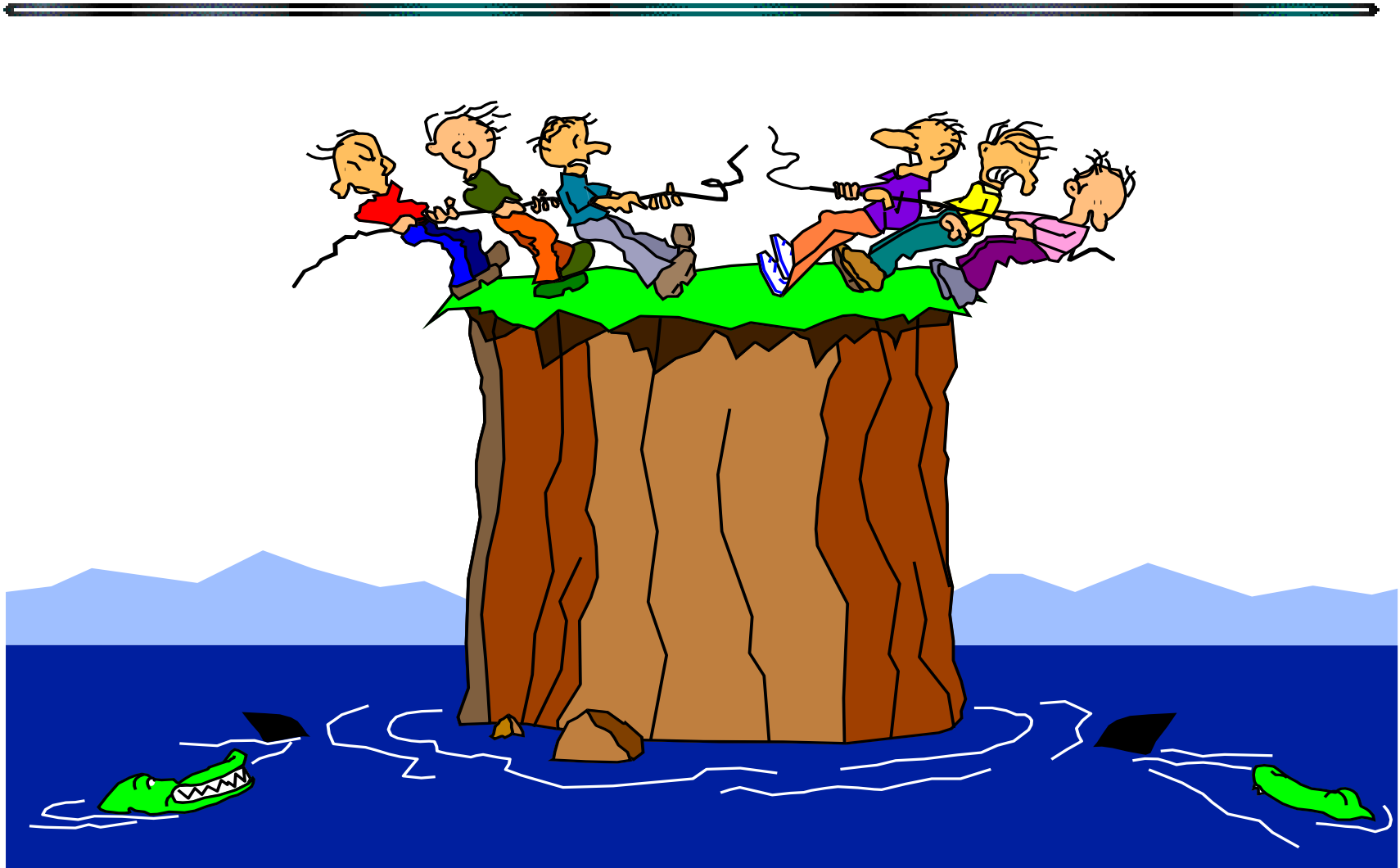
- 1) Recruiting and training NDR personnel
- 2) Benchmarking NDR performance
- 3) Best practices for managing cores and other physical samples
- 4) Standardising and simplifying regulatory reporting
- 5) Raising the Game - Creating and sustaining real cooperation between NDRs
- 6) Solutions for seismic field data
- 7) Managing geospatial data in NDRs
- 8) NDR Standards
- 9) Improving NDR performance through technological innovation
- 10) Dealing with new data types
- 11) Enforcing regulatory compliance
- 12) Commercial and business models for NDRs
- 13) Technological and operational models for NDRs
- 14) Data ownership and Intellectual Property Rights
- 15) Tendering/retendering NDR service provision
- 16) Promotion via an NDR
- 17) NDR retention Policies
- 18) Production Data Management
- 19) Data Quality topic

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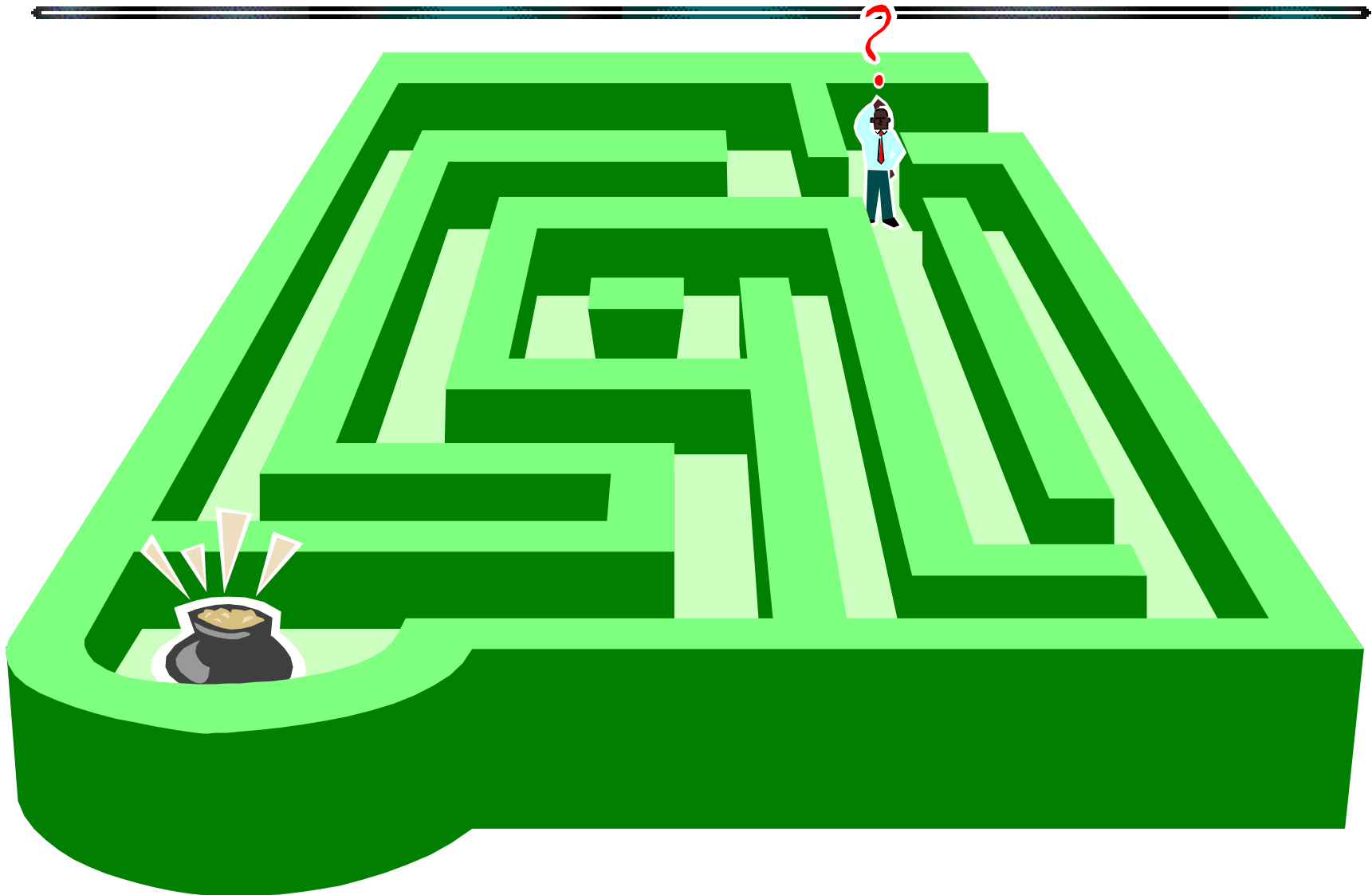
Someone here has solved your problem. How can you find them.



**PETRONAS**



**Purpose of meeting** : Listen, Learn, Share and Collaborate



- Encourage the participants from CCOP member countries to NDR 11
- Details about NDR11 and registration is available here:

<http://www.energistics.org/ndr11>

We hope to see you in Kuala Lumpur

