

Background of Oil & Gas Activity in Thailand

- Petroleum Legislation
- Data Management Policy and Strategy
- Petroleum Data Management

CCOP Metadata Project Phase II
Shanghai, China

April 01, 2009

Our Roles

- **Planning, promoting and monitoring in policy and management of upstream petroleum business in Thailand, Joint Developing Area and Overlapping Areas**
- **Cooperating with other countries to encourage Thai's E&P investment**

Vision

To be a main agency in charge of the administration, procurement and management of fuel resources for sustained national energy security

Objectives of the Petroleum Law

- **Enhance E&P Activities**
- **Destined for an Energy Self-Sufficient Nation**
- **Internationalization**
- **National Revenue Augmentation**
- **Encouragement of:**
 - **Technology Transfer**
 - **Investment**
 - **Domestic Employment**

Concession System

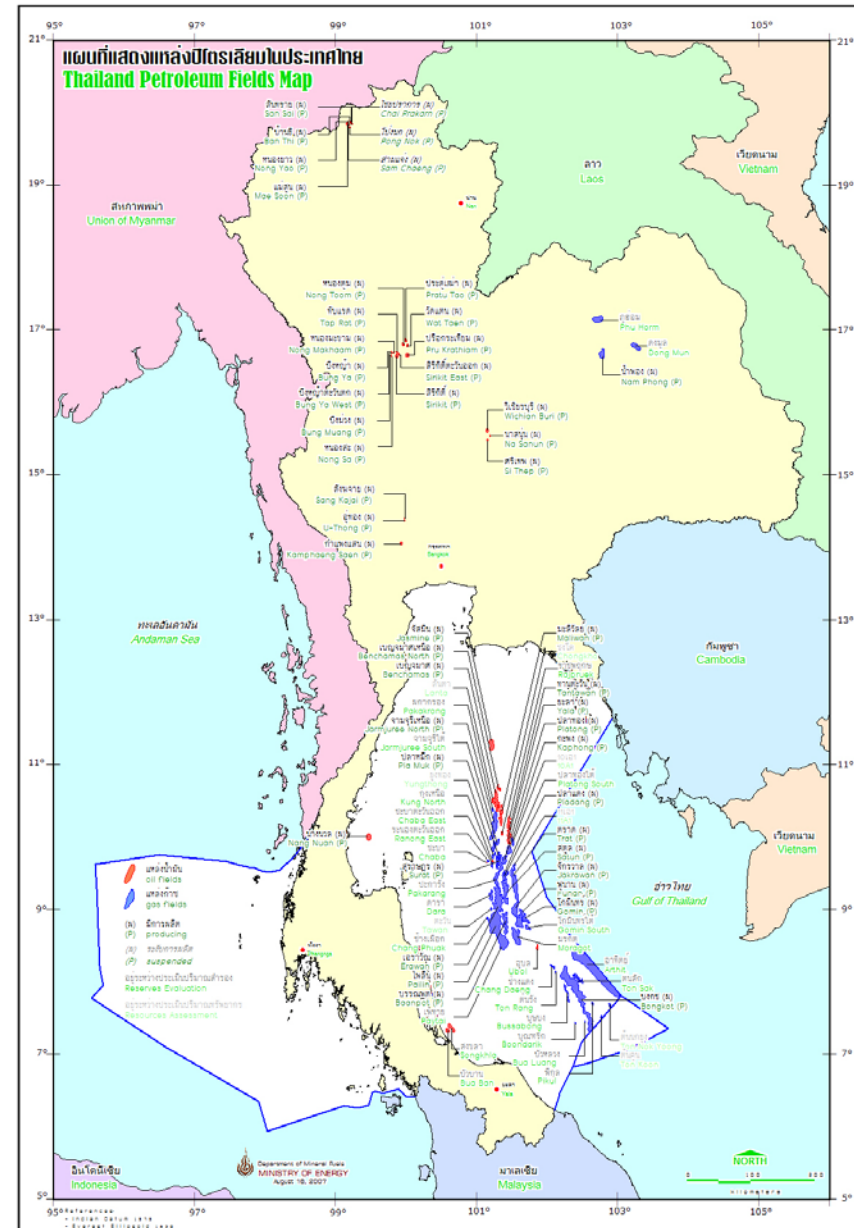
- **Petroleum belongs to the State**
- **Concessionaires shall invest and absorb all incurred risks**
- **Benefits to the state in form of petroleum royalties and taxes**

Petroleum Fields

Discoveries of petroleum resources have been one of the major factors contributing to Thailand's Economy in the past decades.

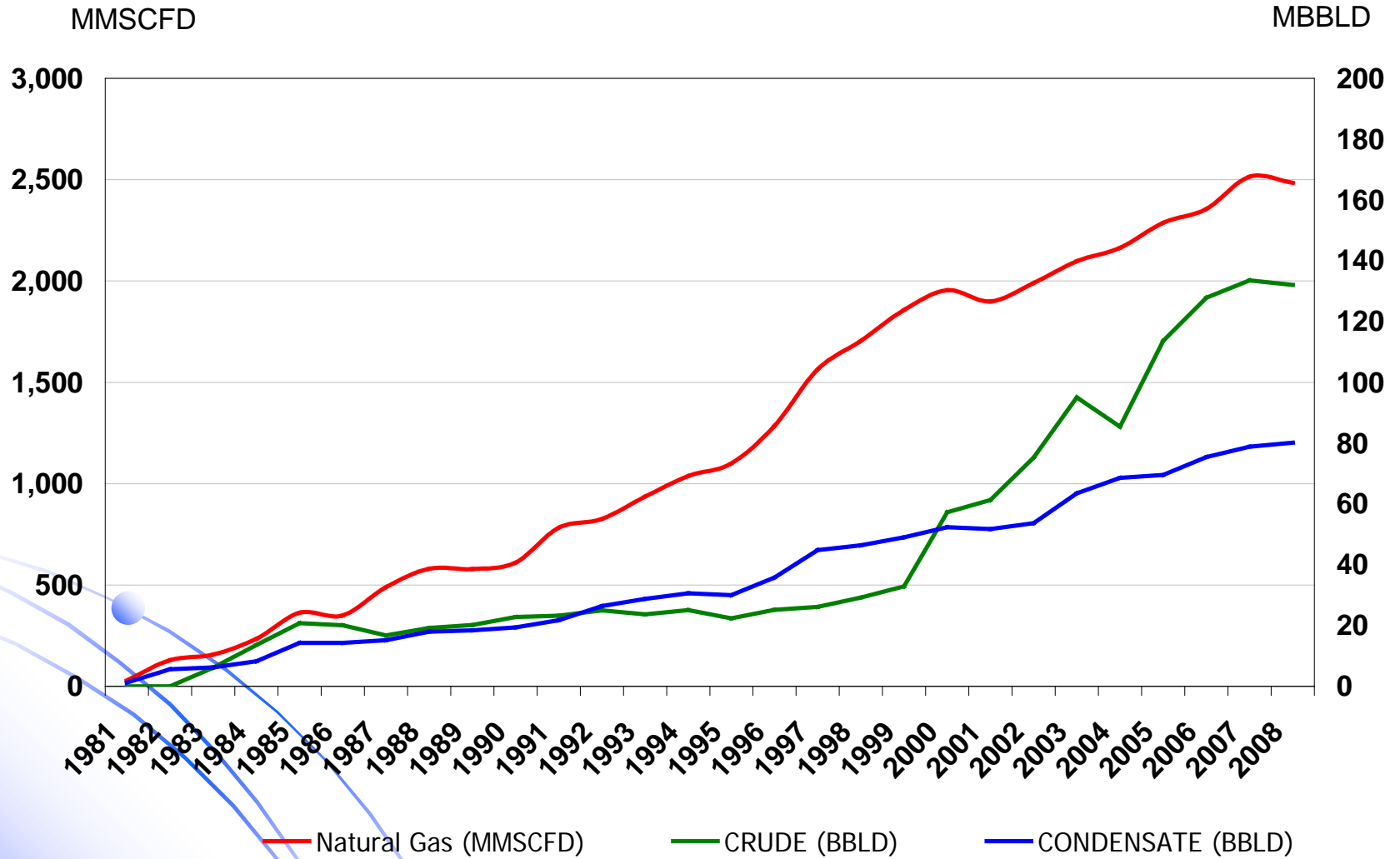
Discovered Production

<i>Total</i>	<i>82</i>	<i>48</i>
Gas	51	26
onshore	3	2
offshore	48	24
Oil	31	22
onshore	19	19
offshore	13	3

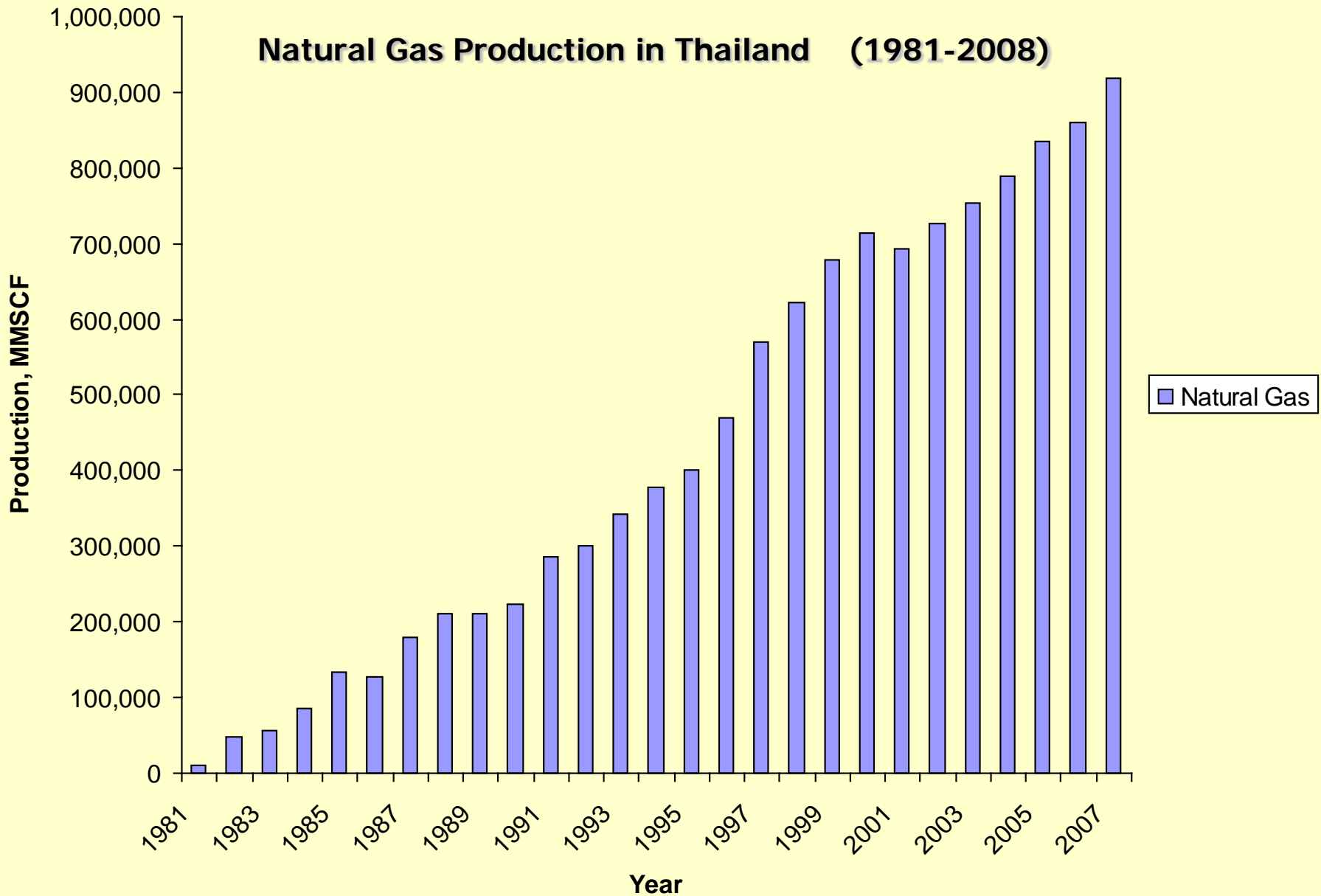


@ End of 2008

Petroleum Production in Thailand (1981-2008)



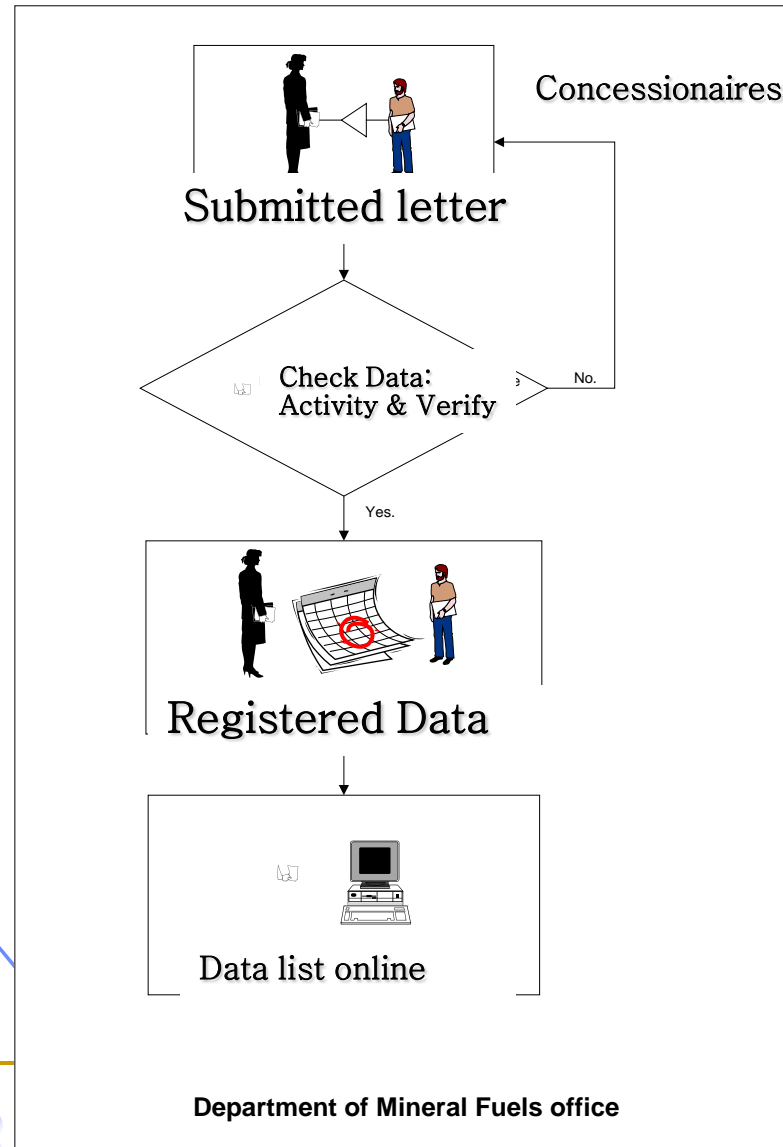
Natural Gas Production in Thailand (1981-2008)



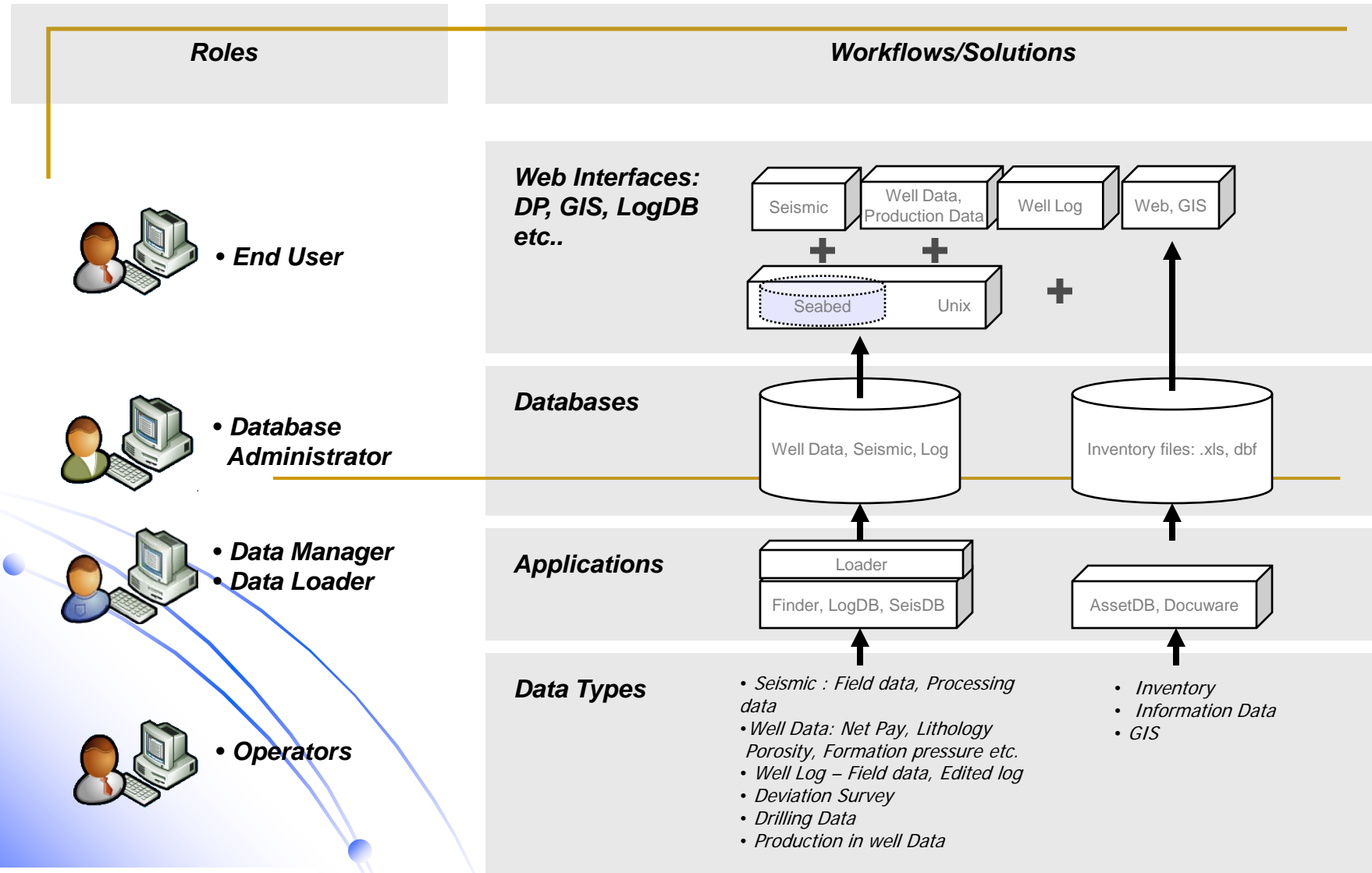
Section 76 - The concessionaire shall submit report and results of his petroleum operations to the Department of Mineral Fuels

- The reports and results shall be treated as confidential and shall not be disclosed for a certain period from the date DMF received or deemed in receipt of the reports and results, except
 - disclosure is to be made in the performance of the Government's service to the government agencies or persons who have duties to perform in accordance with the laws or with the Government's regulations
 - disclosure is the making use of information in preparing and publishing scientific, technical or statistical or records with a prior approval of the Director-General – however, disclosure of commercial information shall be avoided to the utmost extent
 - disclosure has been agreed by the concessionaire through a prior written consent; and to such disclosure the concessionaire shall give without delay his consent or dissent

Workflows & Information Management



Workflows & Information Management



Current System Configuration

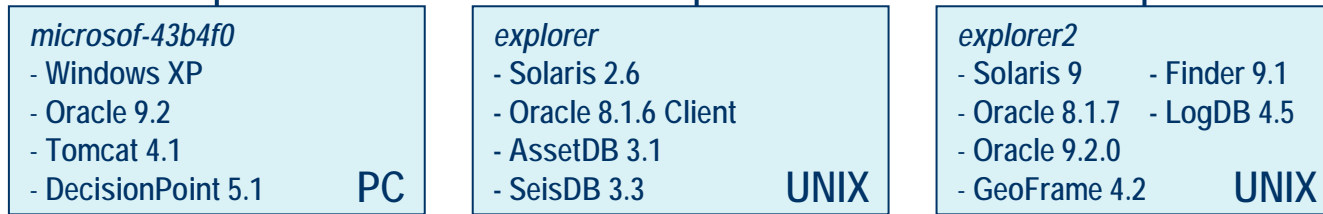


SIS Bangkok

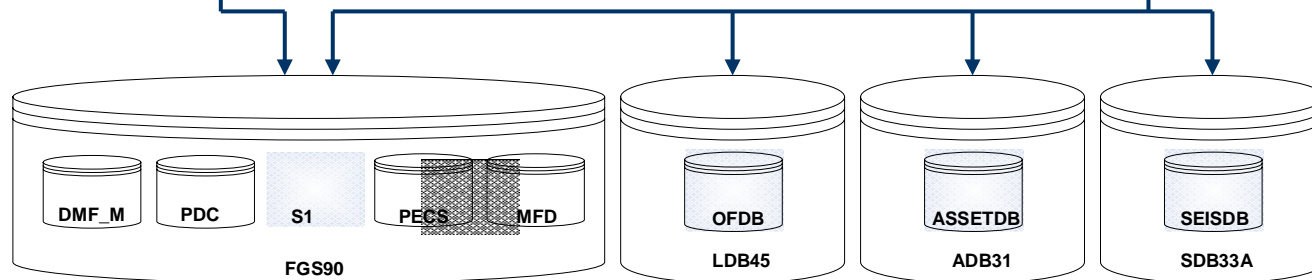
Interfaces



Servers



Datastores



Schlumberger Private

Standard & Metadata Structure

- Metadata design & structure
- International standard used
- Metadata element used
- Quality control
- System & Technologies used
- Data Flow & access
- Challenges to national database management
- Ongoing or future plans to improve database management

Thank you



Physical Management



- Paper
- Tape
- CD/DVD
- Rock Sample