SECTION 10

IT & DATA MANAGEMENT COMMITTEE

2015 ACTIVITIES REPORT

AND

2016 WORK PROGRAM

CHAIRMAN

Agus Wicaksono

(Chevron Indonesia Company)

IT & DATA MANAGEMENT COMMITTEE

Report of 2015 Activities and 2016 Work Program

COMMITTEE MEMBERS:

POSITION	NO	NAME	COMPANY
Chairman	1	Agus Wicaksono	Chevron Indonesia Company
Vice Chairman	2	Taufik Rachman Sidik	Medco Energi Internasional
General Affairs	3	Tutuko Resihadi	Chevron Indonesia Company
Data Management	4	Zuki Harahap	ConocoPhillips Indonesia
Governanace & Policy	5	Suryadilaga	ExxonMobil Indonesia
Emerging Technology	6	Dwi Nugroho	BP Indonesia
Cyber Security	7	Khoruddin Rohman	Total E&P Indonesie
Nat. IT Capacity Building	8	Rizal Purwanto	Vico Indonesia

2015 HIGHLIGHT

COMMITTEE CONSOLIDATION

In order to address a bigger landscape considering the current technology development, the previous Data Management committee was extended to cover IT related matters to become IT & Data management committee. The newly-extended committee is broken down into 5 (five) Focus Areas:

  a. Governance & Policy
  b. Emerging Technology
  c. Cyber Security
  d. National IT Capacity Building
  e. Data Management

Consolidation was completely done to re-staff the new committee with a wider membership from various IT functions within PSC, in addition to the existing Data Management working group from various function disciplines.

Governance & Policy
  1. Inventoried all applicable IT related regulations and summarized the impact and potential issues related to Oil & Gas.
  2. Continued addressing concerns over localization versus corporate direct charges on IT related support and services. SKK Migas was requesting PSCs to have zero corporate direct charges by 2015. The issue is still outstanding amidst various discussions and concerns addressed to with SKK Migas. A study team from ITB, UI, and Pajajaran University, appointed by SKK Migas, is still working to come up with a mechanism and

approach to dealing with cost recoverable corporate direct charges. Discussions with the study team are continuing progressing.

Cyber Security

Participated in and provided inputs and feedbacks to the National Cyber Security Symposium held by the Coordinating Ministry of Politics, Law, and Defense.

Data Management

1. Conceptually reorganized data repository for IPA secretariat. A draft of metadata, identifying type, attributes, purposes, format, access permission, - has been established. By having clear understanding of data structure, it can improve data accessibility, reliability and security. The data map diagram is ready for implementation planned for having a good operational database in 2016.
2. Secured initial agreement with IHS for continuing providing high-level E&P data and with Ernst & Young to help with analysis in order to produce a Briefing Paper for IPA.

Knowledge Sharing and Sessions

Several sessions for knowledge sharing on various topics have been conducted among IT & Data management community of practice, including inviting external subjects matter experts.

1. SKK Migas driven system of Integrated Operation (SOT)
2. Data submission to PUSDATIN
3. Localization and corporate direct charges
4. Cyber Security Awareness by Gildas Deograt Lumy, Deputy Director Coordination and Mitigation Group, Coordinating Ministers for Politics, Justice & Security Republic of Indonesia
5. Emerging Internet of Things Technology
6. Running Lean – IT: Self-Efficient, More Business Enabling

2016 PROGRAM

General

1. Continue providing advocacy over issues and concerns related to regulations that impact the way PSCs manage data and information, and might hinder adoption of effective and efficient IT in supporting the business,
2. Establish a good partnership with all relevant parties (SKK Migas and other government institutions, educational institutions, cross-industry IT community, and third party services) to smooth out all required approval and compliance processes, and continue seeking creative IT solutions to better support business performance,
3. Continue sharing knowledge and best practices in order to increase understanding & awareness among members of PSC on various aspects of IT and Data Management, and other relevant topics.

Data Management

1. Assist IPA Secretariat in Implementing new system/ tool to have a good operational database for internal IPA purposes.
2. Provide Briefing Paper to IPA Board of Directors regularly.

3. Deliver documents which summarize all issues related with PSC data submission to PUSDATIN including the latest status and the final proposal to solve the issues once for all.

Information Technology

1. Ensure a consistent approach toward a closure on issues over localization versus corporate charges of IT support and service.
2. Identify new promising IT technologies in the market for their applicability and possible adoption,
3. Improve awareness on all mandatory compliances imposed by any (new) regulations and as required by SKK Migas for the smooth operation of Information Technology in Oil and Gas.