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9.b. APEC Oil and Gas Security Exercises

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9.b. (1) Introduction

- In the 10th APEC Energy Ministers' Meeting in St. Petersburg, Russia on June 2012, the Ministers instructed **EWG** and **APERC** to work on activities to improve the response to oil and gas emergency situations, including emergency responses exercises, in cooperation with **IEA** and **ASEAN**.
- APERC decided to carry out “**two Fora**” and “**two Case Study Exercises**” in 2013/2014 in cooperation with the APEC member economies, international/ regional organizations including IEA and ASEAN, and also IEEJ Headquarters.



9.b. (2) The 1st Oil and Gas Security Forum

- **The 1st Security Forum**, a kick off meeting, was held on 18-19 April 2013 in Tokyo.
- While 11 experts were invited from APEC Economies and International Organizations, 13 APEC Economies sent their delegates to the Forum.
- The experts and delegates actively discussed the oil and gas security situation in the APEC region, experience of energy security exercises in international organizations, APEC developed economies and APEC developing economies and also how to organize case study exercises in Thailand and Indonesia.



9.b. (3) The Joint Southeast Asian Exercise in Bangkok

- “ **The 1st Case Study Exercise** was a joint exercise by Southeast Asian APEC economies in September in Thailand.

- “ As a joint exercise, all 7 ASEAN/APEC economies participated: **Brunei Darussalam, Indonesia, Malaysia, the Philippines, Singapore, Thailand** and **Viet Nam**.

- **Venue: Bangkok**
- **Schedule: 17-19 September 2013** (2 days Exercise and 1 day Site Visit)
- **Attendance:**
 - Experts from IEA, ASCOPE, HAPUA, ERIA, Korea, Japan, and Thai and Indonesian academics
 - Participants from host economy (Thailand)
 - Delegates from other 6 participating economies
 - APERC and IEEJ researchers



9.b. (4) Indonesia Exercise in Jakarta

“ The 2nd Case Study was hosted by Indonesia in October 2013.

➤ **Venue:** Jakarta

➤ **Schedule:** 22-24 October 2013

(2 days Exercise and 1 day Site Visit)

➤ **Attendance:**

Experts from IEA, ACE, ASCOPE, HAPUA, ERIA, Korea, Japan, and Indonesian academic

Participants from host economy (Indonesia)

APERC and IEEJ researchers



9.b. (5) Research works

- In order to implement two case study exercises, APERC, in cooperation with IEEJ experts, developed **scenarios of possible oil and/or gas emergency situations**.
- Along with this scenario development, APERC has surveyed **the development of APEC's approach to oil and gas security** in the past and also **major challenges to oil and gas security in the APEC region** for foreseeable future.
- APEC has also considered **possible future activities for oil and gas security in APEC** and proposed **APEC Oil and Gas Security Initiative (OGSI)**.

New Launch of APEC Oil and Gas Security Initiative (OGSI)

1. Voluntary Implementation of **Oil and Gas Security Exercise (OGSE)** by APEC Economies

- To establish “Oil and Gas Security Exercise Model Procedure (EMP)”.
- To assist voluntary exercises by dispatching APERC researchers and/or registered experts from IEA, ASEAN institutions, IEEJ, etc. upon the request of each Economy.

2. Establish APEC **Oil and Gas Security Network (OGSN)**

- Members: In principle, government officials responsible for policy related to oil and gas security in each Economy
- Secretariat: APERC
- Major projects
- ◆ **Information Sharing and Transmission through Mailing List**

To transmit updated information on oil and gas security through publishing “Newsletter”.

◆ **OGSN Forum**

To hold the OGSN Forum for delegates from each Economy once a year in principle, in order to share information and exchange views on oil and gas security and also jointly discuss how to improve emergency preparedness.

3. Publish **Oil and Gas Security Studies (OGSS)**

- To research on issues related to oil and gas security and publish one or two reports per year as part of an Oil and Gas Security Studies (OGSS) series.
- The OGSS series will be presented at OGSN Annual Forum and uploaded to APERC’s homepage. A limited number of prints will be distributed to APEC EWG members.
- Examples of research themes for the OGSS Series include:
 - a. The potential impact of political and social instability in the Middle East on APEC’s oil and gas security.
 - b. The impact of Arctic melting on new opportunities for oil and gas resources and trade routes.
 - c. The current situation of oil and gas storage in the APEC region and possibility of building a stockpile system.



9.b. (6) The 2nd Oil and Gas Security Forum

- **This 2nd APEC Oil and Gas Security Forum** was a wrap-up meeting for APEC OGSE Project.
- In this Forum, experts and delegates scrutinized the reports of the Joint Southeast Asian Exercise and Indonesia Exercise as well as the result of APERC's research works, all of which would consist **the draft report** of the OGSE Project by Incorporating comments and suggestions at this Forum.
- **The draft report** will be submitted to **EWG members** to be approved at EWG 47 in May 2014 at Kunming, China.
- **The final draft report** will be presented by the APERC President at **EMM11** in September 2014 at Beijing, China.